

## **Evolugen**

**South March BESS**

Ottawa, ON

Technical Report

**Stormwater Management Report and Water Budget Assessment**

**BBA Document No.-Rev.:** 7154023-100000-41-ERA-0001-RAF

February 5, 2026

**FOR PERMIT**

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South March BESS  
Technical Report  
Stormwater Management Report and Water Budget  
Assessment

2026-02-05  
FOR PERMIT



2026-02-06

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2026-02-06

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## REVISION HISTORY

| Revision | Document Status – Revision Description | Date       |
|----------|----------------------------------------|------------|
| RAA      | For comments                           | 2025-03-07 |
| RAB      | For permit                             | 2025-06-19 |
| RAC      | For permit                             | 2025-11-06 |
| RAD      | For permit                             | 2026-01-23 |
| RAE      | For permit                             | 2026-01-30 |
| RAE      | For permit                             | 2026-02-05 |

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## TABLE OF CONTENTS

|                                                          |    |
|----------------------------------------------------------|----|
| 1. Introduction .....                                    | 1  |
| 1.1. Abbreviations and acronyms .....                    | 3  |
| 1.2. Units and symbols .....                             | 3  |
| 1.3. Codes, standards, regulations, and guidelines ..... | 4  |
| 1.4. Reference documents .....                           | 5  |
| 2. Background .....                                      | 6  |
| 2.1. Site description .....                              | 6  |
| 2.2. Regulation area and flooding hazard .....           | 9  |
| 3. Water budget assessment .....                         | 13 |
| 3.1. Water budget equation .....                         | 13 |
| 3.2. Groundwater and surface water flow .....            | 17 |
| 3.3. Sensitive features .....                            | 19 |
| 3.4. Climate change .....                                | 19 |
| 3.5. Implementation plan .....                           | 22 |
| 4. Stormwater management plan .....                      | 23 |
| 4.1. SWM concept .....                                   | 23 |
| 4.2. Design criteria .....                               | 24 |
| 5. SWM modelling .....                                   | 28 |
| 6. Parameters and assumptions .....                      | 28 |
| 6.2. Pre-development analysis .....                      | 32 |
| 6.3. Post-development .....                              | 34 |
| 7. Spill prevention and response .....                   | 44 |
| 8. Erosion and sediment control .....                    | 45 |
| 9. Snow storage .....                                    | 45 |
| 10. Maintenance and monitoring .....                     | 46 |
| 11. Recommendations and conclusion .....                 | 47 |



## LIST OF TABLES

|                                                                                                         |    |
|---------------------------------------------------------------------------------------------------------|----|
| Table 1: Abbreviations and acronyms.....                                                                | 3  |
| Table 2: Units and symbols .....                                                                        | 4  |
| Table 3: Codes, standards, regulations, and guidelines .....                                            | 4  |
| Table 4: Reference documents.....                                                                       | 5  |
| Table 5: Comparison Table: Pre- vs. Post-Development (per 1000 mm/year).....                            | 17 |
| Table 6: Monthly Average Climate Data for Drummond Centre (MVSPA) and Kemptville (RVSPA) 1954-2004..... | 21 |
| Table 7: Projected maximum and minimum seasonal temperatures for 2010-2039.....                         | 22 |
| Table 8: Summary of stormwater management design criteria.....                                          | 24 |
| Table 9: Curve number .....                                                                             | 30 |
| Table 10: General parameters.....                                                                       | 30 |
| Table 11: Manning's n.....                                                                              | 31 |
| Table 12: Coefficient.....                                                                              | 31 |
| Table 13: SCS Type 2 storm pre-development flows .....                                                  | 34 |
| Table 14: Wet pond design summary .....                                                                 | 38 |
| Table 15: SCS Type 2 storm post-development flows.....                                                  | 40 |
| Table 16: Controlled flows vs. pre-development flows.....                                               | 42 |
| Table 17: Stage storage relationship.....                                                               | 43 |
| Table 18: Maximum water elevation during various storm events.....                                      | 44 |

## LIST OF FIGURES

|                                                                                                   |    |
|---------------------------------------------------------------------------------------------------|----|
| Figure 1: Site location (source: GeoOttawa) .....                                                 | 2  |
| Figure 2: Developed areas for the BESS site (source: Google Earth) .....                          | 6  |
| Figure 3: Watercourse path through the BESS site.....                                             | 8  |
| Figure 4: Overland Flow direction (Source: GeoOttawa) .....                                       | 9  |
| Figure 5: Close up of MVCA regulated areas (Source: MVCA Regulation Public Mapping Browser) ..... | 10 |
| Figure 6: MVCA regulated areas (Source: MVCA Regulation Public Mapping Browser) .....             | 12 |



|                                                                                                                     |    |
|---------------------------------------------------------------------------------------------------------------------|----|
| Figure 7: Average annual precipitation across the MRSPR and the climate stations used to develop these models ..... | 15 |
| Figure 8: Average annual temperature - Environment Canada Great Lakes Forestry Study (McKenney et al., 2006) .....  | 16 |
| Figure 9: Catchments Within the study area with existing drainage features and general drainage patterns .....      | 18 |
| Figure 10: General groundwater flow .....                                                                           | 27 |
| Figure 11: Pre-development sub-catchments (From PCSWMM model) .....                                                 | 33 |
| Figure 12: Post-development sub-catchment areas (from PCSWMM) .....                                                 | 37 |
| Figure 13: Water quality storage requirements.....                                                                  | 39 |
| Figure 14: 100-year vs 2-year comparison.....                                                                       | 41 |
| Figure 15: PCSWMM Storage curve .....                                                                               | 42 |
| Figure 16: Storage curve .....                                                                                      | 43 |

## APPENDICES

- Appendix A: IDF Data
- Appendix B: PCSWMM Model Results
- Appendix C: Topographic Survey
- Appendix D: Stormwater Pond Calculation



## 1. Introduction

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

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

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

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

The location is shown in Figure 1 indicated by the red pin.



Figure 1: Site location (source: GeoOttawa)

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

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



## 1.1. Abbreviations and acronyms

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

**Table 1: Abbreviations and acronyms**

| Abbreviation or acronym | Definition                                                                                   |
|-------------------------|----------------------------------------------------------------------------------------------|
| BESS                    | Battery Energy Storage System                                                                |
| Dstorm                  | Design Storm Wizard                                                                          |
| EPA                     | Environmental Protection Agency                                                              |
| ESC                     | Erosion and Sediment Control                                                                 |
| IDF                     | Intensity Duration Frequency                                                                 |
| MECP                    | Ministry of the Environment, Conservation and Parks (formerly Ministry of Environment (MOE)) |
| MTO                     | Ministry of Transportation                                                                   |
| MVCA                    | Mississippi Valley Conservation Authority                                                    |
| SCS CN                  | Soil Conservation Service Curve Number                                                       |
| SWMM                    | Stormwater Management Model                                                                  |
| SWMP                    | Stormwater Management Plan                                                                   |
| WBA                     | Water Budget Assessment                                                                      |
| TSS                     | Total Suspended Solids                                                                       |
| US EPA                  | United States Environmental Protection Agency                                                |
| USDA                    | United States Department of Agriculture                                                      |

## 1.2. Units and symbols

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

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



**Table 2: Units and symbols**

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

### 1.3. Codes, standards, regulations, and guidelines

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

**Table 3: Codes, standards, regulations, and guidelines**

| Document code/Author | Document title                                                                                    |
|----------------------|---------------------------------------------------------------------------------------------------|
| City of Ottawa       | Official Plan (November 2022)                                                                     |
| City of Ottawa       | Ottawa Sewer Design Guidelines, SDG002 (October 2012)                                             |
| City of Ottawa       | Sewer Use Bylaw (Bylaw No. 2003-514) (January 2004)                                               |
| City of Ottawa       | Technical Bulletin ISDTB-2014-01, Revisions to Ottawa Design Guidelines – Sewer (February 2014)   |
| City of Ottawa       | Technical Bulletin PIEDTB-2016-01, Revisions to Ottawa Design Guidelines – Sewer (September 2016) |
| City of Ottawa       | Technical Bulletin ISDTB-2018-01, Revisions to Ottawa Design Guidelines – Sewer (March 2018)      |
| City of Ottawa       | Technical Bulletin ISDTB-2018-04, Revisions to Ottawa Design Guidelines – Sewer (June 2018)       |



| Document code/Author                                                                                                | Document title                                                                                    |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| City of Ottawa                                                                                                      | Technical Bulletin ISDTB-2019-02, Revisions to Ottawa Design Guidelines – Sewer (July 2019)       |
| City of Ottawa                                                                                                      | Technical Bulletin IWSDB-2024-04, Revisions to Ottawa Design Guidelines – Sewer (April 2024)      |
| City of Ottawa                                                                                                      | City of Ottawa Water Budget Assessment guidelines                                                 |
| IEEE 980                                                                                                            | Guide for Containment and Control of Oil Spills in Substations                                    |
| MVC                                                                                                                 | Mississippi Valley Conservation                                                                   |
| Mississippi Valley Conservation Authority (MVCA)                                                                    | MVCA Regulation Policies (April 2024)                                                             |
| The Mississippi-Rideau Source Protection Region                                                                     | Mississippi Valley Source Protection Area Assessment report, Chapter 3 water budget, August 2022. |
| MNR                                                                                                                 | Ontario Ministry of Natural Resources                                                             |
| Ontario MOE                                                                                                         | Design Guidelines for Sewage Works (2008)                                                         |
| Ontario MOE                                                                                                         | Stormwater Management Planning and Design Manual (March 2003)                                     |
| Ontario MTO                                                                                                         | MTO Drainage Management Manual (1997)                                                             |
| Province of Ontario                                                                                                 | Conservation Authorities Act – Ontario Regulation 41/24                                           |
| Environment Canada 2005                                                                                             | Environment Canada 2005                                                                           |
| US Department of the Interior (H.J. Tracy)                                                                          | Discharge Characteristics of Broad-Crested Weirs (1957)                                           |
| US EPA (Lewis A. Rossman)                                                                                           | Storm Water Management Model User's Manual Version 5.1 (September 2015)                           |
| USDA                                                                                                                | Urban Hydrology for Small Watersheds TR-55 (June 1986)                                            |
| Ontario Technical Guide to Renewable Energy Approval (REA) under O. Reg. 359/09 of the Environmental Protection Act |                                                                                                   |

## 1.4. Reference documents

The reference documents are summarized in Table 4.

**Table 4: Reference documents**

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

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

## 2. Background

### 2.1. Site description

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

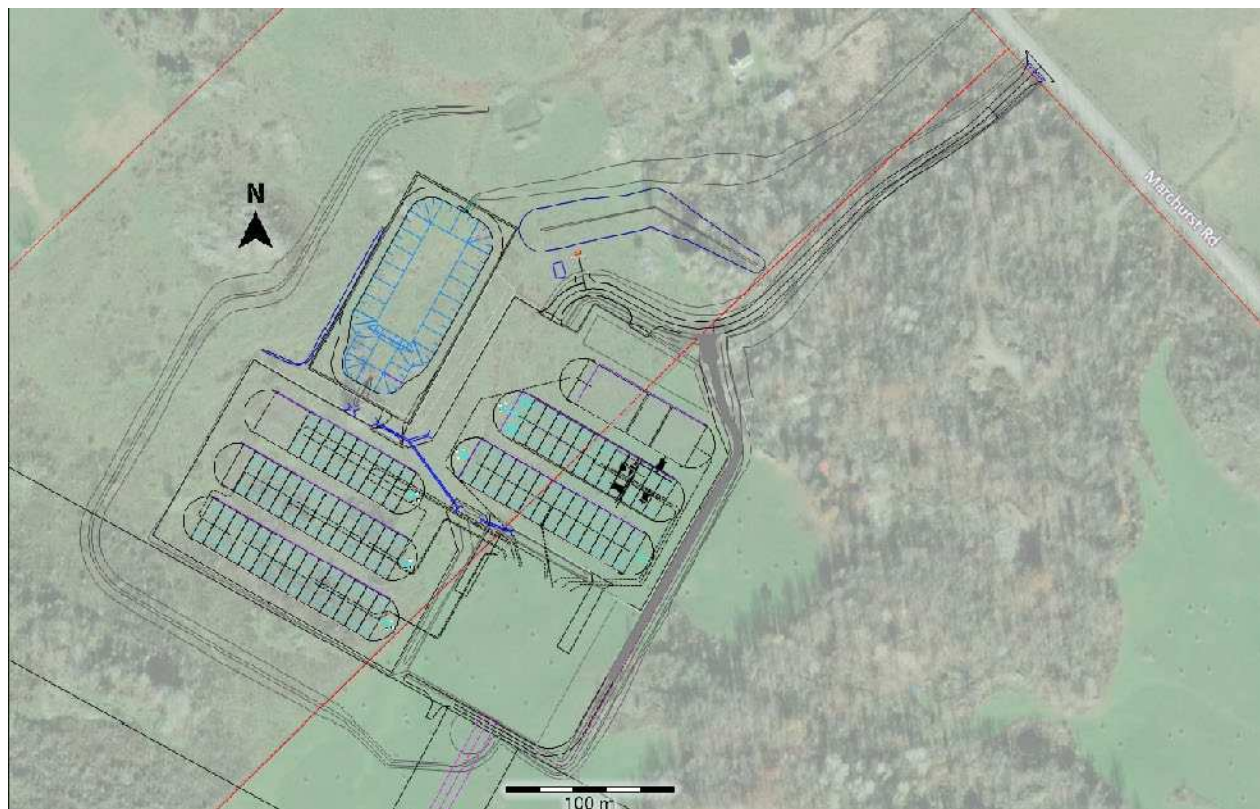


Figure 2: Developed areas for the BESS site (source: Google Earth)



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

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

The nearby Old Carp Road, located south of the site, is identified as a Scenic Route as per Schedule C13 of the "Official Plan" (City of Ottawa, 2022). The proposed development must meet the requirements of Section 4.6.2, policy 4 of the "Official Plan" as it is adjacent to the Scenic Route. This project follows the policy by having the site located away from Old Carp Road and remaining hidden by existing trees.

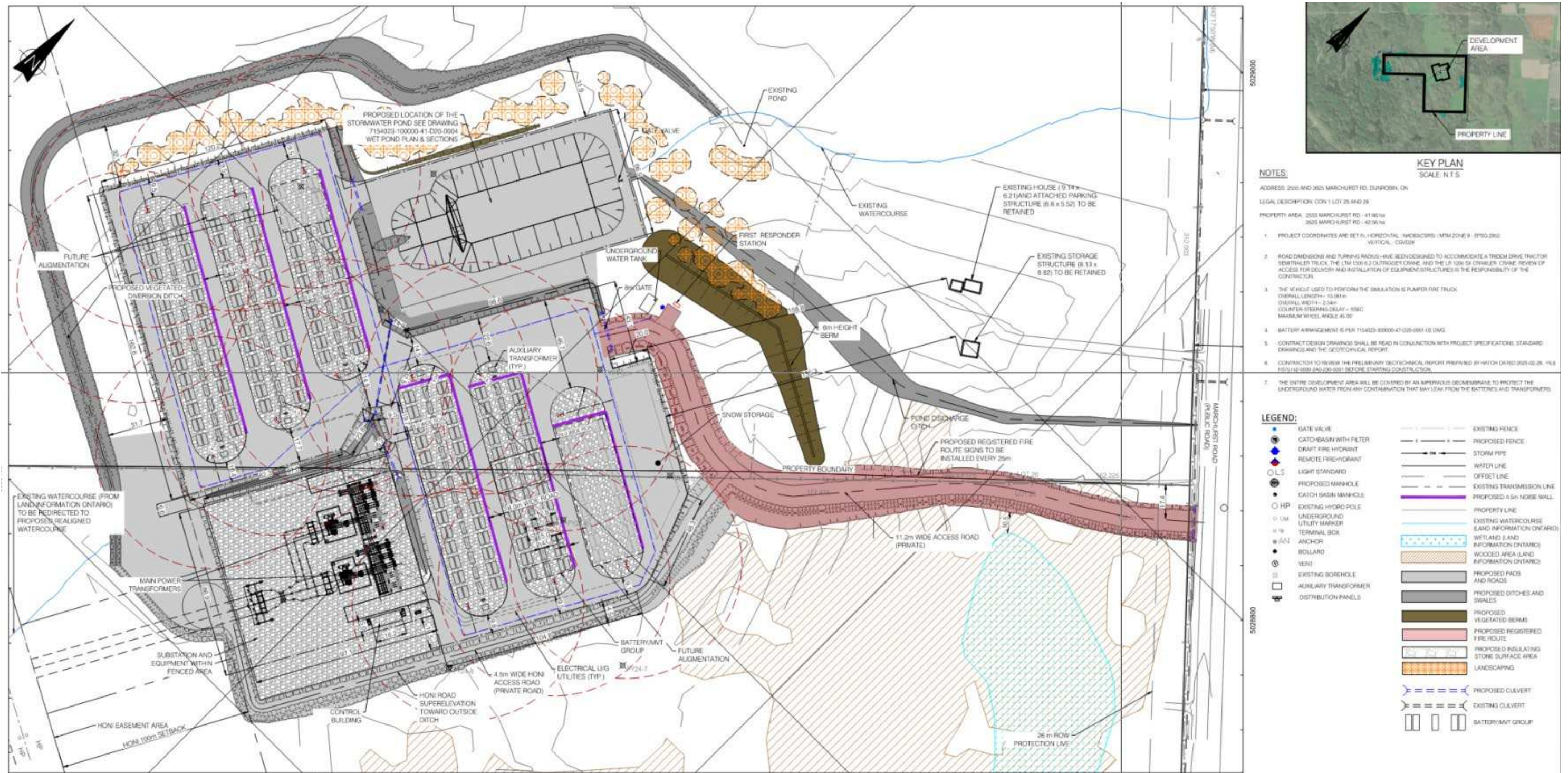


Figure 3: Watercourse path through the BESS site



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

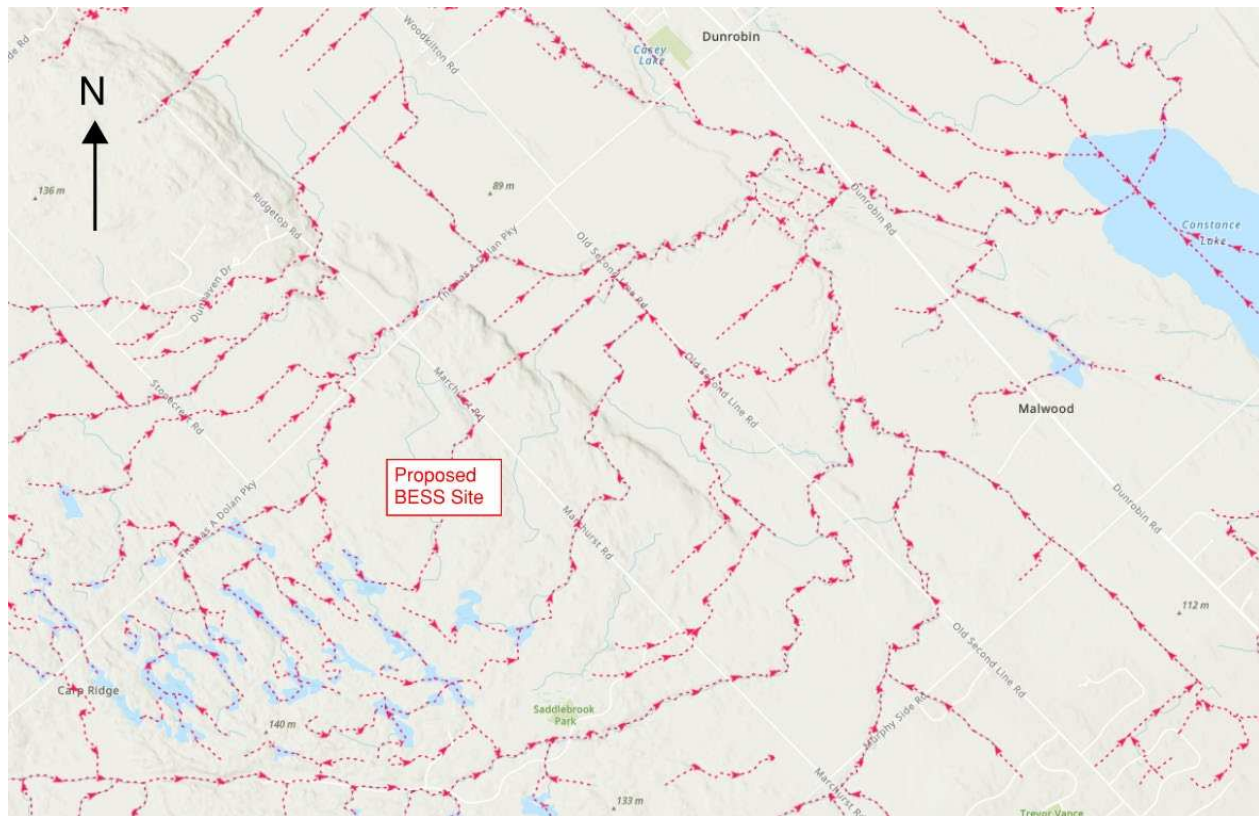


Figure 4: Overland Flow direction (source: GeoOttawa)

## 2.2. Regulation area and flooding hazard

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



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

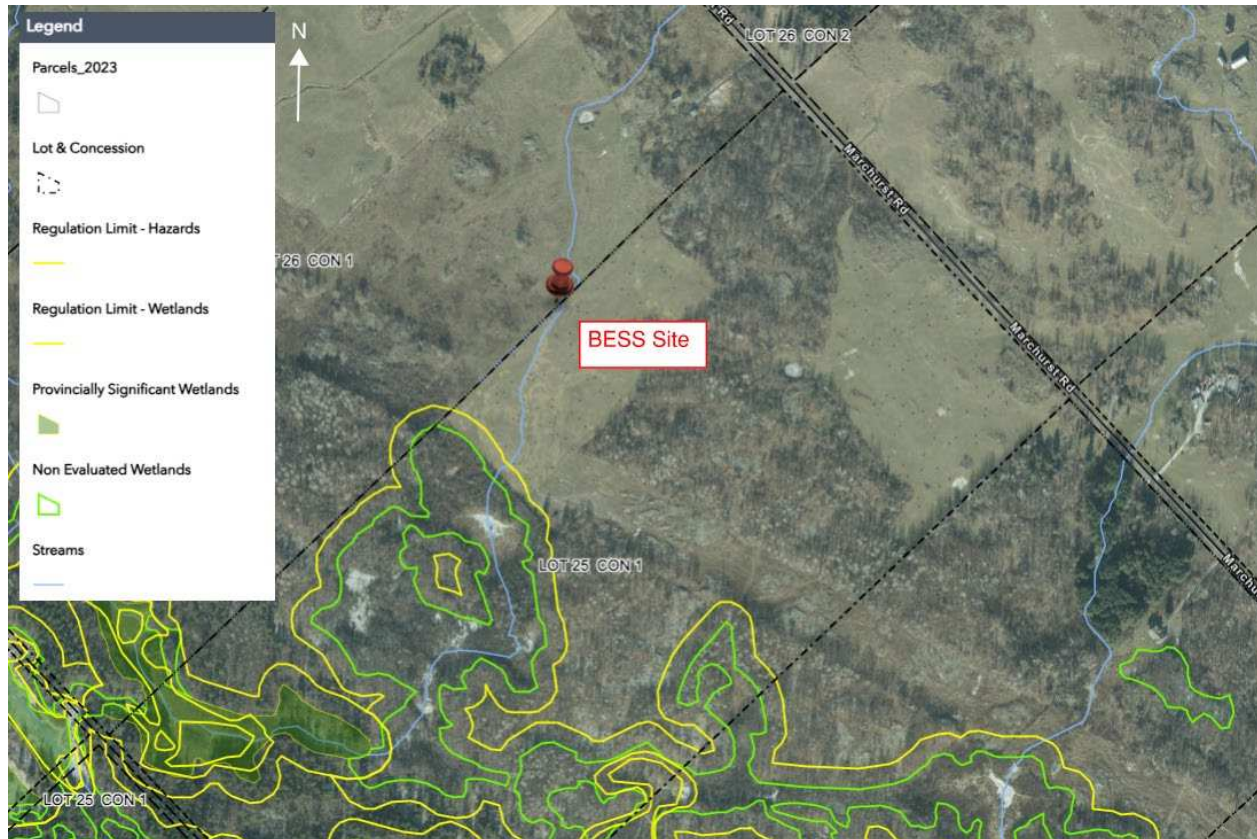


**Figure 5: Close up of MVCA regulated areas**  
(source: MVCA Regulation Public Mapping Browser)

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

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



distance and lack of interaction since the wetlands are upstream of the proposed project development.

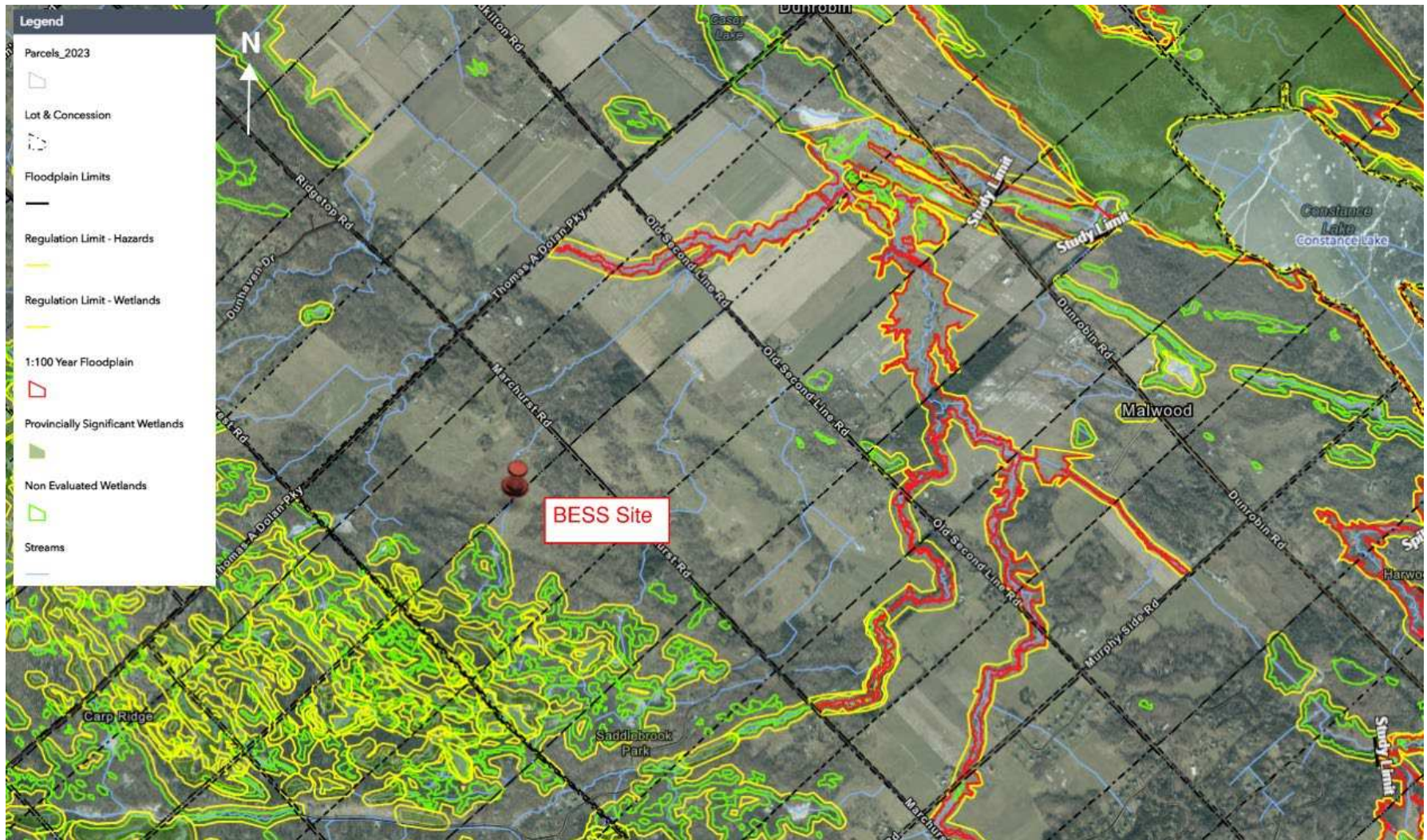


Figure 6: MVCA regulated areas (source: MVCA Regulation Public Mapping Browser)



### 3. Water budget assessment

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

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

#### 3.1. Water budget equation

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

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

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

Where:

P = Precipitation

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

ET = Evapotranspiration (actual)



$R$  = Runoff

$I_g$  = Infiltration to groundwater (recharge)

$\Delta S$  = Change in storage (soil moisture, surface water, groundwater)

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

The amount of precipitation that falls in a watershed is the key factor affecting surface water and groundwater flows. Precipitation is considered as the only source of water to the watersheds in the Mississippi Valley Conservation Area. Annually, approximately 77% of precipitation in the Mississippi-Rideau Source Protection Region (MRSPR) falls as rain and 23% as snowfall. The driest month of the year is February, and the wettest month is September. The greatest amount of snowfall occurs in December (Mississippi Valley Source Protection Area water budget report-2011). Figure 7 shows average annual precipitation across the MRSPR and the climate stations used to develop these models. For the South March site, 876-900 mm is considered for the mean total annual precipitation for both pre- and post-development situations.

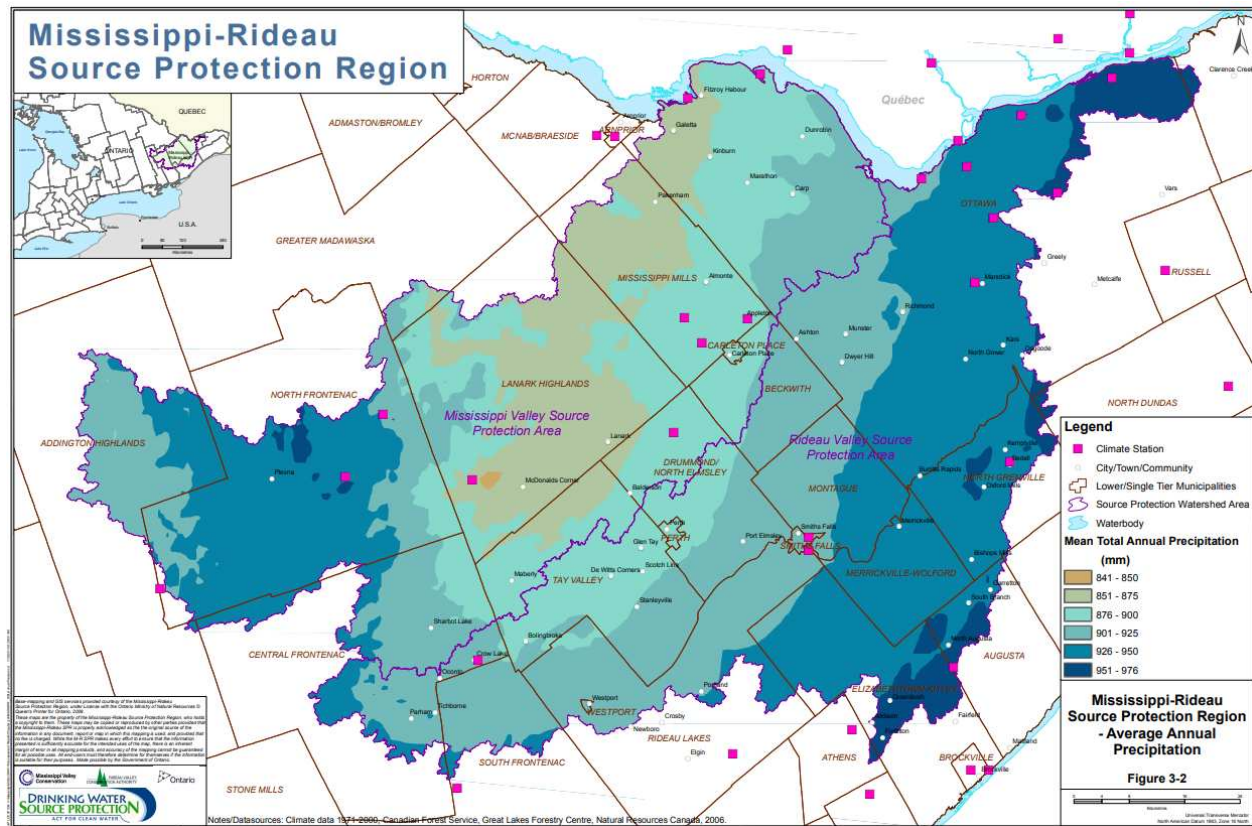


**Figure 7: Average annual precipitation across the MRSPR and the climate stations used to develop these models**

The average temperature was calculated from the Canadian Forest Service data as the average of minimum and maximum temperatures. Average annual temperature varies across the MRSPR from 4°C in the west to 7°C in the southeast. Figure 8 shows the distribution of average annual temperature across the MRSPR. Based on this figure, the average annual temperature for the site area is from 5.1°C to 6.0°C.

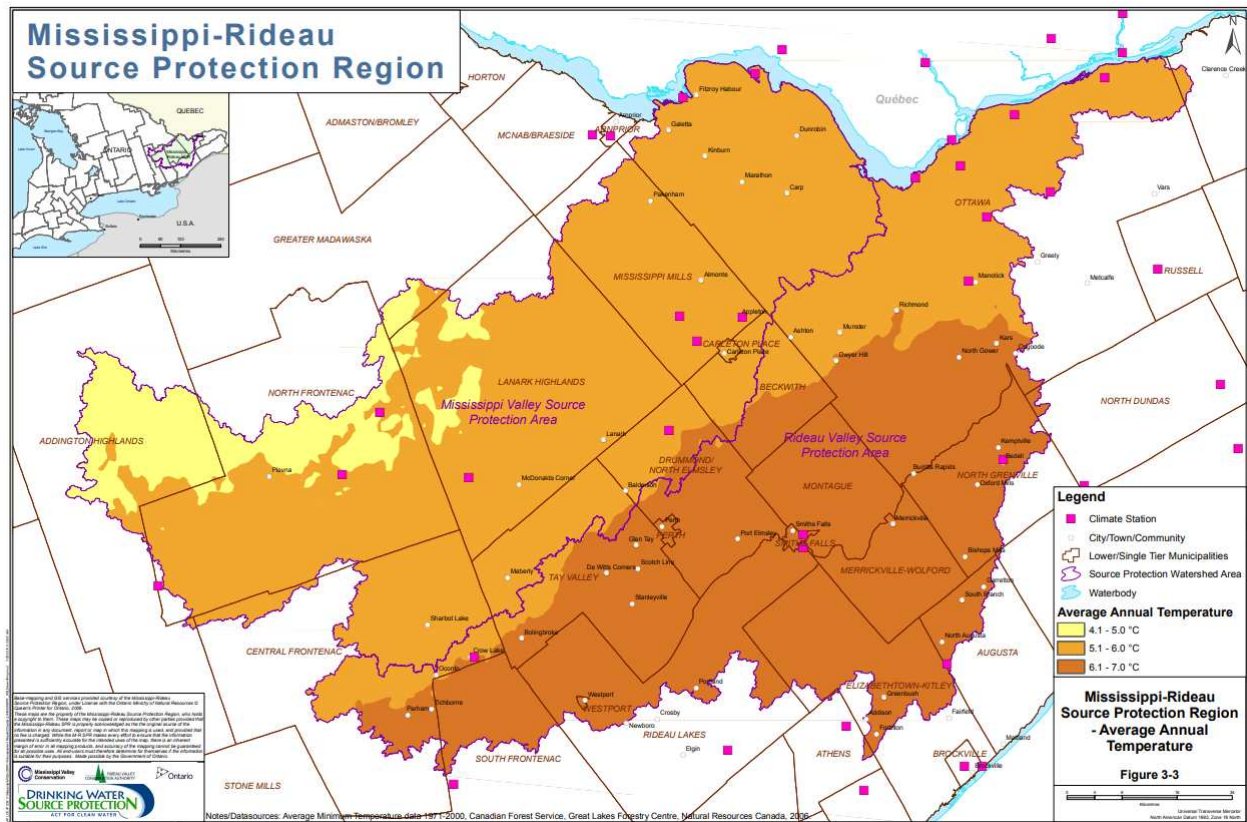


**Figure 8: Average annual temperature - Environment Canada Great Lakes Forestry Study (McKenney et al., 2006)**

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

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



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

| Component                             | Pre-development (mm) | Post-development (mm) |
|---------------------------------------|----------------------|-----------------------|
| Precipitation (P)                     | 888                  | 888                   |
| ET                                    | 468                  | 193                   |
| Runoff (R)                            | 126                  | 648                   |
| Infiltration (I <sub>g</sub> )        | 294                  | 47                    |
| Anthropogenic Input (I <sub>a</sub> ) | N/A                  | N/A                   |
| Anthropogenic Output                  | N/A                  | N/A                   |

### 3.2. Groundwater and surface water flow

The site-specific hydrogeological and geotechnical conditions are an important input to be considered in the planning and design of the stormwater management plan.

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

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



The Creek in the Project site drains a watershed area of approximately 0.59 km<sup>2</sup> in the area upstream (west) of the Project site and is located at the beginning of the watershed (the headwater zone of the watershed), which drains into Constance Lake. Note that the headwater streams have relatively steeper slopes compared to the downstream zones, with a V-shaped valley. Hydrological analysis, including catchment and stream delineation, was performed using ArcGIS to assess surface flow directions. Figure 9 shows the drainage patterns within the study area using the topographic data (Hatch, 2025).

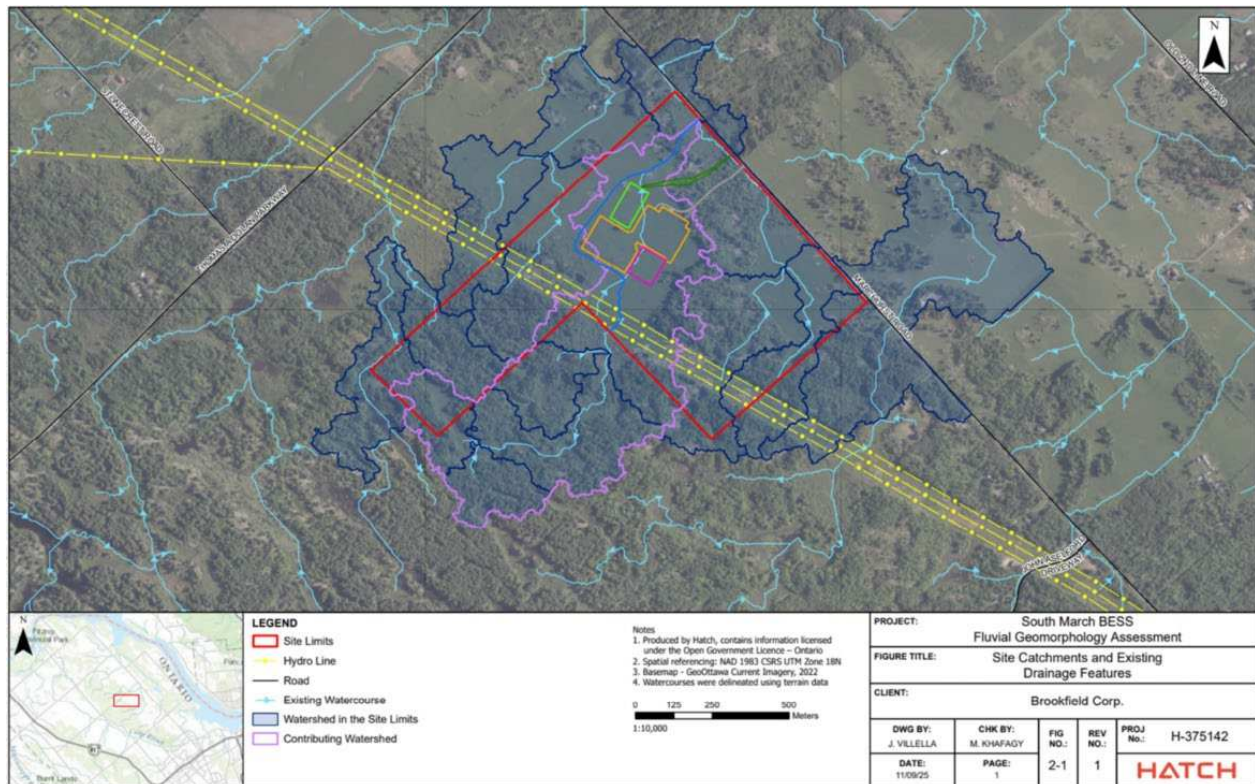


**Figure 9: Catchments Within the study area with existing drainage features and general drainage patterns**

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



### 3.3. Sensitive features

Within the study area, it is crucial to identify and map all sensitive surface water and groundwater features to ensure their protection through targeted management strategies. Sensitive surface water features may include rivers, lakes, wetlands, and streams that support biodiversity, provide drinking water, or are integral to cultural and recreational values. Similarly, vulnerable groundwater resources, such as shallow aquifers or those connected to surface water systems, require detailed hydrogeological assessments to determine their recharge zones, flow patterns, and susceptibility to contamination.

As mentioned before, within the proposed development area, there is an existing stream that will be filled and replaced with a vegetated diversion watercourse on the west side of the batteries pad. Moreover, an impervious geomembrane will be laid down across the whole site (except the substation area, which does not have any batteries). The clearing and grubbing area during the construction will be limited to this development boundary, and the rest of the project site will not be disturbed.

The purpose of the erosion and sediment control plan is to protect the existing stream during construction, so the water that flows into this diversion watercourse will be clean and can be discharged to the right-of-way without any contamination. After construction and during the operation period, the runoff flow will be drained to the proposed ditches around the site (these ditches are separated from the diversion watercourse). This drainage pattern is supported by the finished grades of the site and can guarantee the required protection for the groundwater and surface water.

Establishing clear protection targets for these sensitive features depends on a comprehensive understanding of their ecological functions, water quality status, and exposure to threats such as pollution or land use change. Based on the SWM design, this site will use a wet pond equipped with an impervious geomembrane (as a liner) and a gate valve. The wet pond structure will remove a minimum of 80% of the total suspended solids (TSS) from stormwater runoff and work as a detention storage facility and the gate valve can block any contamination that may be discharged to the right-of-way in case of emergency.

### 3.4. Climate change

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



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

The list of the major changes is as follows:

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

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



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

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

**Notes:**

MVSPA - Mississippi Valley Source Protection Area

RVSPA - Rideau Valley Source Protection Area

Recent temperature data indicates that Ottawa has experienced an increase in temperature in the past 50 years. Average winter temperatures have increased approximately 1.5°C, spring temperatures have increased approximately 1.0°C and summer temperatures have increased 0.5-0.7°C. Fall temperatures were the exception, not showing any major change (chapter 7 of the Mississippi Valley Source Protection Area Climate Change Assessment Report, 2022).

The following table shows the projected maximum (tmax) and minimum (tmin) seasonal temperatures for the period 2010-2039 from the base period 1984-2003, as calculated by Mississippi Valley Conservation (MVC). Table 7 shows the projected maximum (tmax) and minimum (tmin) seasonal temperatures for the period 2010-2039 from the base period 1984-2003, as calculated by MVC.



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

| Projected Temperature Changes |      |      |           |      |      |
|-------------------------------|------|------|-----------|------|------|
| For the period 2010-2039      |      |      | (0C/30yr) |      |      |
| Summer                        |      |      | Fall      |      |      |
|                               | tmax | tmin |           | tmax | tmin |
| June                          | 0.9  | 0.9  | September | 0.9  | 0.6  |
| July                          | 1.2  | 1.5  | October   | 0    | 0.3  |
| August                        | 0.9  | 0.9  | November  | 1.2  | 0.3  |
| average                       | 1    | 1.1  | average   | 0.7  | 0.4  |
| Winter                        |      |      | Spring    |      |      |
|                               | tmax | tmin |           | tmax | tmin |
| December                      | 0.6  | 1.2  | March     | 0.3  | 1.5  |
| January                       | 2.4  | 5.1  | April     | 0.6  | 1.5  |
| February                      | 0.9  | 1.8  | May       | 2.1  | 1.2  |
| average                       | 1.3  | 2.7  | average   | 1    | 1.4  |

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

MVC predicted the changes in precipitation as below:

- Fall (September, October, and November) precipitation will increase by 2039;
- Winter (December, January, and February) precipitation will decrease in December, with increases in January and February;
- Spring (March, April, and May) precipitation will show no change in April and decreases in March and May by 2039;
- Summer (June, July, and August) average precipitation projections by 2039 indicate an increase in June and July with a decrease in August.

### 3.5. Implementation plan

The design should incorporate a combination of low-impact development (LID) strategies and stormwater best management practices (BMPs) to achieve the post-development flows lower than the pre-development flows. The main purpose is to retain runoff on-site, promote infiltration,



and match pre-development flow volumes and peak discharges. However, since an impervious geomembrane is used for most of the site area, the runoff flow from the BESS area will be collected and discharged to the wet pond. The Hydrologic models (PCSWMM model) confirm that total runoff combined peak flows under post-development conditions are lower than the pre-development condition at measured points. Refer to section 5 for stormwater management results. Evapotranspiration is maintained where possible through using vegetated surface water feature around the site.

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

## **4. Stormwater management plan**

### **4.1. SWM concept**

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

The proposed stormwater system consists of a network of culverts and ditches, which collect all the surface runoff and discharge to the wet pond. The storm system is designed for the 100-year (major storm) event. The wet pond will be designed such that the 100-yr post-development peak flow will match the 2-year pre-development peak flow rate.

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



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

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

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

## 4.2. Design criteria

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

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

**Table 8: Summary of stormwater management design criteria**

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



| SWM Criteria                       | Subcomponent       | Control measures                                                                                                                                                                                                                  |
|------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                    | Temperature        | Landscape around the wet pond will help reduce sun exposure on the permanent water within the wet pond                                                                                                                            |
|                                    | Other contaminants | Oil-water system (Petro pipe) will be implemented to manage the risk of oil spills from the oil-filled transformer in the substation area. This prevents any oil from the transformer basin to be discharged within the wet pond. |
| Stream erosion control             |                    | Runoff from a 25-mm design storm (4-hour, Chicago distribution) will be detained and released over a period of at least 24 hours                                                                                                  |
| Water balance/groundwater recharge |                    | Water balance study and the groundwater quality and quantity assessment are discussed in this report and in Hatch's Hydrogeological report                                                                                        |
| Erosion and sediment control       |                    | Erosion and sediment control plan to reduce, contain, and treat sediment-laden runoff                                                                                                                                             |

## Water quantity

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

In general, culverts must be designed to convey design flows when full or when the hydraulic grade line (HGL) is at or below the crown of the pipe. However, in some instances, the HGL may be elevated due to boundary conditions. In this project, the on-site stormwater network is designed to have the maximum hydraulic grade line elevation min. 0.3 m below the finished grades of concrete foundations for the 100-year event (Ottawa Sewer Design Guidelines, Oct 2012). Culvert and ditches (including diversion watercourse) in general are kept at an 80% fullness maximum in the 100-year 24h storm event.

## Water quality

Wet ponds usually require a minimum drainage area of about 5 hectares to sustain the permanent pool. In this site, due to the high local groundwater table, a wet pond will be used as



an end-of-pipe stormwater storage facility. Wet ponds are the most common end-of-pipe stormwater management tool and are normally reliable in operation, especially during adverse conditions (e.g., winter/spring). The stormwater pond will be used for water quality control as the end-of-pipe SWM facility. The proposed pond has been evaluated to ensure it provides water quality, erosion, and quantity control. The pond will provide an Enhanced Level (80% removal of suspended solids) of water quality treatment according to "Stormwater Management Planning and Design Manual" (Ontario, 2003). The permanent pool volume required for the wet pond for water quality control is per Table 3.2 "Water Quality Storage Requirements based on Receiving Waters" (MOE, 2003). The role of the permanent pool is to minimize the resuspension and blockage of the outlet. Moreover, it provides extended settling and removes the biological pollutants. It should be mentioned that the runoff flow of the BESS site will not be mixed with the water from the existing streams (which will be replaced with the proposed vegetated diversion watercourse within the lots).

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

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

### Stream erosion control

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

### Water balance

The groundwater level was measured during and after drilling at depths from 1.0 m to 1.3 m bgs. These shallow groundwater levels were found in boreholes located in the middle of the development area, which constitutes approximately 50% of the developed areas. In the remaining area, no groundwater was observed. Using the measurements of groundwater level, it

appears that the groundwater generally moves towards the northeast and southwest of the site (Hatch, 2025).

Groundwater levels at the site are expected to fluctuate seasonally. Higher groundwater levels are anticipated during wet periods, such as spring or after prolonged precipitation events. Groundwater flow is shown in Figure 10. Refer to Hatch's Hydrogeological and Terrain Analysis Study (H375142-0000-2A4-030-0001) for more information.

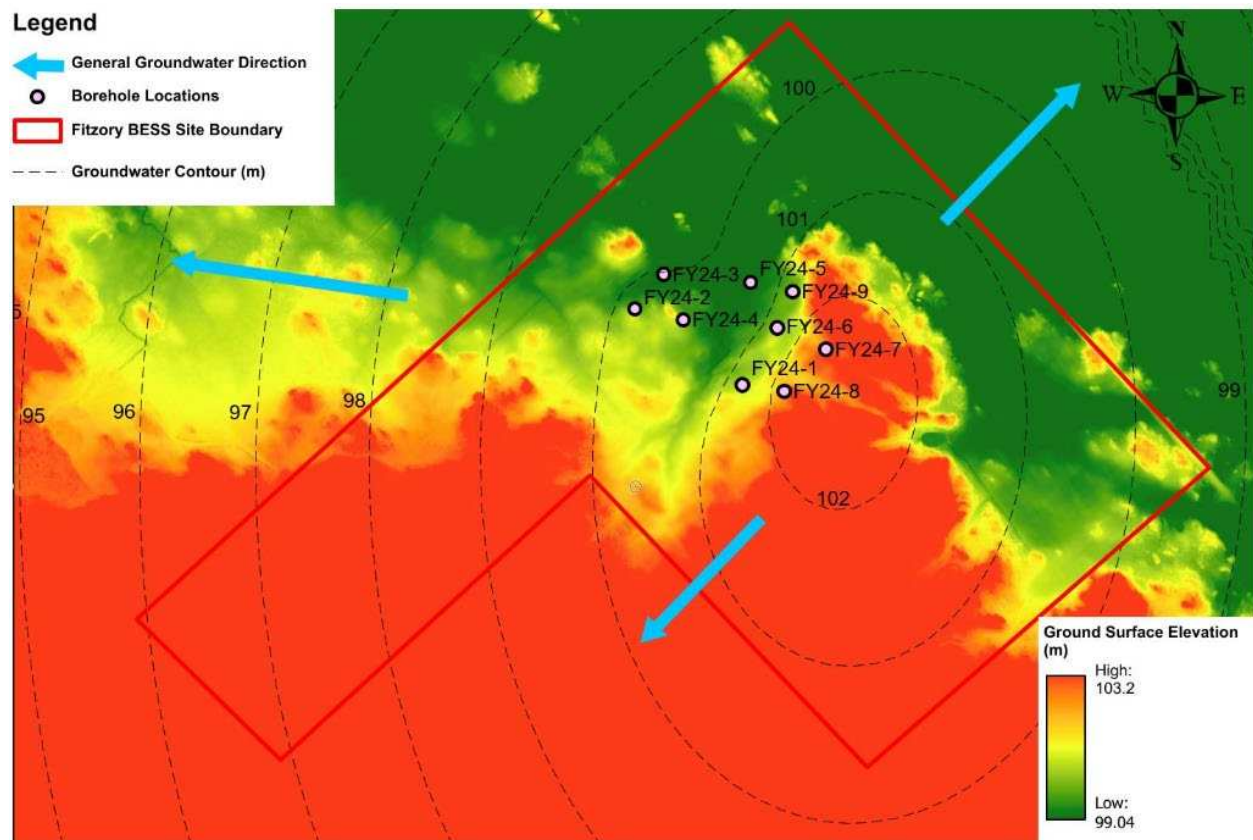


**Figure 10: General groundwater flow**  
(source: Hydrogeological and Terrain Analysis Study: Figures 2-3 – Hatch, 2025)

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



## Erosion and sediment control

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

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

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

## Planting strategy

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

## 5. SWM modelling

The Computation Hydraulics Inc. (CHI) PCSWMM software version 5.2.4 was used for modelling the pre- and post-development storm scenarios. SWMM is a dynamic rainfall-runoff simulation model used for single-event or long-term (continuous) simulation of runoff quantity and quality for primarily urban areas. The software was used to simulate overland flow and routing through various hydraulic structures such as swales, pipes, culverts, weirs, orifices, and the wet pond. The calculations for the stormwater management infrastructure design are attached in Appendix D with the SWMM modelling results in Appendix B.

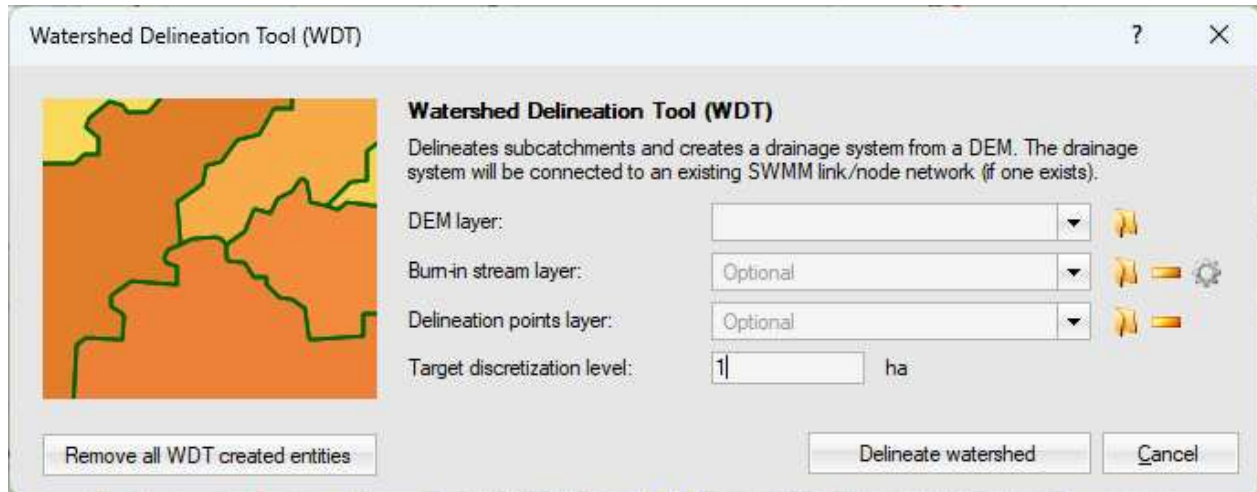
## 6. Parameters and assumptions

### 6.1.1. Topography

For the pre-development site, sub-catchment areas were delineated based on and Publicly available lidar data by Ontario Geohub and the topographic survey "241451-South March\_BEES-MTM9-Rev0" received from Tulloch in March 2025, refer to Appendix C. The Natural sub catchment we're delineated true PCSWMM watershed delineation tool (WDT) through a DEM type file of the lidar. This tool also determines the flow length and slope of each sub catchment.



The natural flow corridors were partially done using this tool. Alignment, slope and cross-sections were generated and then verified one by one. Roadside existing ditch were then adjusted with the latest provided survey.



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

### 6.1.2. Storm events

Storm events of 2-, 5-, 10-, 25-, 50-, and 100-year return periods of the 24-hour SCS Type 2, 4-hour Chicago storm distributions, obtained from "Ottawa Sewer Design Guidelines 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 "Ottawa Sewer Design Guidelines Second Edition" (City of Ottawa, 2012). The 25-mm storm event using a 4-hour Chicago storm distribution was also simulated in the post-development condition for evaluating the erosion quality control.

### 6.1.3. Hydrologic parameters

The infiltration and runoff potential of soils can be defined by the Soil Conservation Service Curve Number (CN). The CN values for the soils on the BESS site were selected based on findings from the "Hydrogeological and Terrain Analysis Study (H375142-0000-2A4-030-0001)" (Hatch, 2025) and



Geotechnical Investigation (Hatch, 2025). The findings of these two reports suggest that the site soils have decent infiltration capacity, but that the groundwater table is high.

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

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

**Table 9: Curve number**

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

General parameters used were taken from the “South March Battery Energy Storage System (BESS) Fluvial Geomorphology Assessment (H375142-0000-2B0-066-0001)” for better results comparison where possible. Where parameters do not overlap with the fluvial assessment, the values were obtained from the “EPA SWMM User’s Manual Version 5.1” (Rossman, 2015) as well as Appendix 6-C.1 of “Ottawa Sewer Design Guidelines” (City of Ottawa, 2012). These are presented in Table 10, 11 and 12.

**Table 10: General parameters**

| Parameter                                                     | Value |
|---------------------------------------------------------------|-------|
| Roughness coefficient (N imperv) – impervious surfaces        | 0.013 |
| Roughness coefficient (N perm) – pervious surfaces            | 0.25  |
| % imperviousness of subcatchment – undeveloped area           | 7%    |
| % imperviousness of subcatchment – access road and substation | 80%   |



| Parameter                                                 | Value                      |
|-----------------------------------------------------------|----------------------------|
| % imperviousness of subcatchment – areas with geomembrane | 100%                       |
| Depth of depression – impervious surfaces                 | 2 mm                       |
| Depth of depression – pervious surfaces                   | 5 mm                       |
| Percent of impervious area with no depression             | 25%                        |
| Percent routed                                            | 100%                       |
| Drying time                                               | 7 days                     |
| Slope – Undeveloped areas                                 | Varies based on 3D surface |

Table 11: Manning's n

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

Table 12: Coefficient

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



## 6.2. Pre-development analysis

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

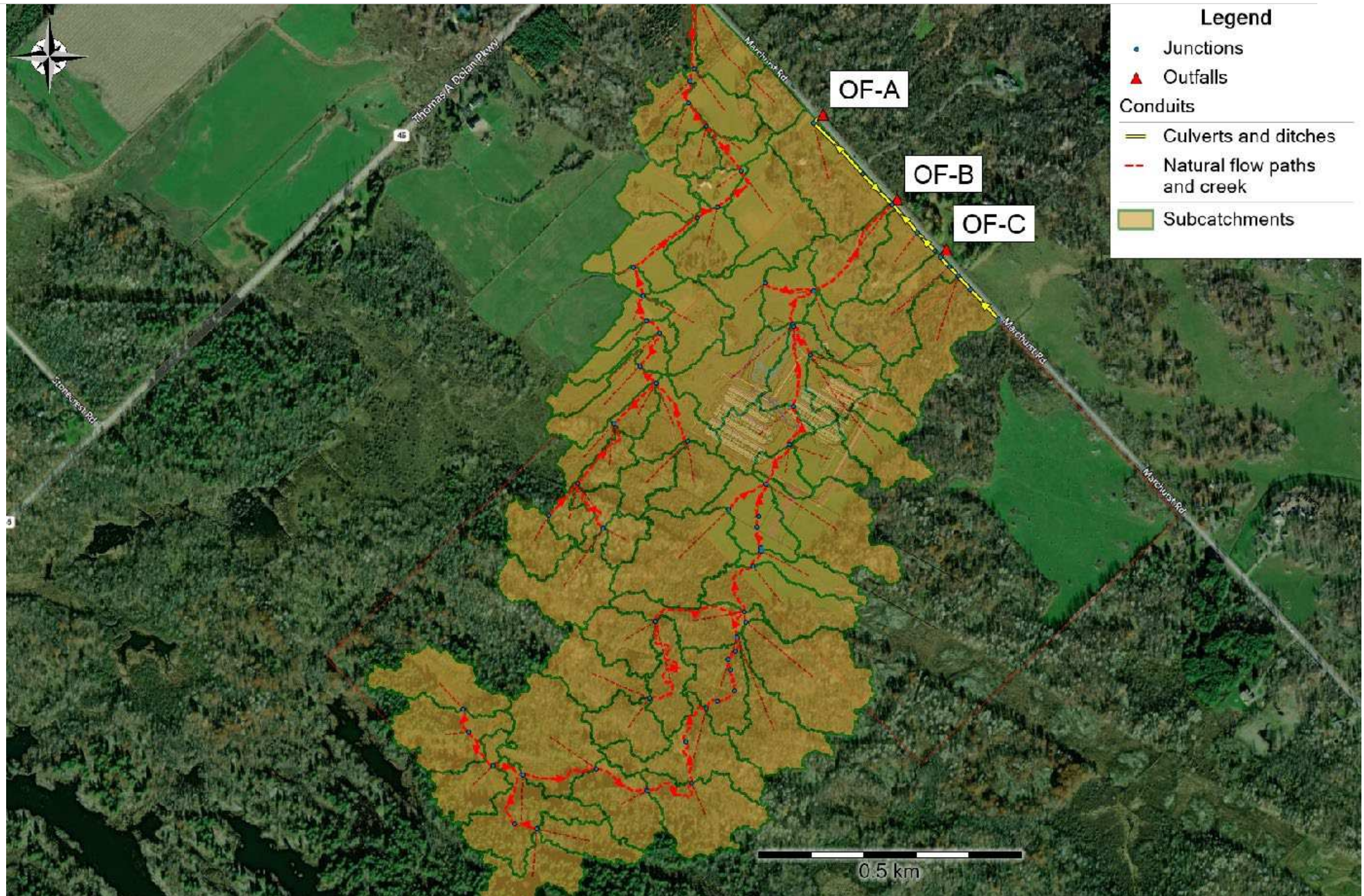


Figure 11: Pre-development sub-catchments (From PCSWMM model)



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

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

In the analysis, two outfalls are observed since they both have sub catchment in the subject terrain for this project. These two outfalls will be referred to as A and B. Their results will allow to measure the impact of the proposed development.

**Table 13: SCS Type 2 storm pre-development flows**

| Return period |          | 100 years         |            | 50 years          |            | 25 years          |            | 10 years          |            | 5 years           |            | 2 years           |            |
|---------------|----------|-------------------|------------|-------------------|------------|-------------------|------------|-------------------|------------|-------------------|------------|-------------------|------------|
|               |          | Max. flow         | Total vol. | Max. flow         | Total vol. | Max. flow         | Total vol. | Max. flow         | Total vol. | Max. flow         | Total vol. | Max. flow         | Total vol. |
|               | Duration | m <sup>3</sup> /s | ML         | m <sup>3</sup> /s | ML         | m <sup>3</sup> /s | ML         | m <sup>3</sup> /s | ML         | m <sup>3</sup> /s | ML         | m <sup>3</sup> /s | ML         |
| A             | 24-hr    | 0.229             | 1.27       | 0.183             | 1.08       | 0.156             | 0.896      | 0.101             | 0.682      | 0.064             | 0.521      | 0.017             | 0.302      |
| B             | 24-hr    | 0.910             | 27.9       | 0.810             | 23.6       | 0.706             | 19.6       | 0.568             | 14.9       | 0.434             | 11.3       | 0.201             | 6.44       |
| C             | 24-hr    | 0.281             | 2.1        | 0.239             | 1.78       | 0.203             | 1.48       | 0.147             | 1.12       | 0.098             | 0.858      | 0.054             | 0.495      |

## 6.3. Post-development

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

### 6.3.1. Proposed pond description

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

- The performance of the pond does not depend on soil characteristics;
- The permanent pool minimizes re-suspension;



- The permanent pool minimizes blockage of the outlet;
- Biological removal of pollutants occurs with the settling of total suspended solids;
- The permanent pool provides extended settling.

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

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

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

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

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

To prevent any uplift of the geomembrane within the pond, a layer of 1.5m of impermeable material with a density of 2000kg/m<sup>3</sup> will be installed under the pond. Refer to details on drawing 7154023-100000-41-D20-0004.

### 6.3.2. Pond downstream conditions

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

The stormwater network was analyzed using a flow-controlled structure releasing into a discharge ditch free of debris directing stormwater to the public road ditch on the south side of Marchurst Road. This was modelled to ensure the whole storm network can meet pre-



development flow rates and that any changes to infrastructure downstream of the ditch do not impact the pond's ability to maintain pre-development flows.

### 6.3.3. Sub-catchment areas

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

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

As mentioned before, the existing stream is to be redirected to a diversion watercourse on the west side of the development area. Based on the Fluvial report (South March Battery Energy Storage System (BESS) Fluvial Geomorphology Assessment prepared by HATCH 2025) the south march peak flow rates are 0.67 and 1.74 m<sup>3</sup>/s for the 2 and 100-year rainfall. For comparison, based on the PCSWMM simulation, the peak flows in the diversion ditch are 0.197 and 1.767m<sup>3</sup>/s for 2 and 100-year rainfall. Furthermore, the max velocity observed in diversion ditch PCSWMM is 0.68 and 1.39 m/s for 2 and 100-year rainfall. The proposed vegetated diversion watercourse has a variable width of 2 to 3 m at the bottom with a variable depth depending on the existing ground elevation, and the capacity is adequate to convey the runoff flow coming from the upstream of the watershed. For a complete result of South March Creek and the diversion watercourse (flow, max velocity, etc.), refer to Appendix B. South March Creek can be found in the Link Flow Summary portion of the results under the names DD# for the diversion ditch; they are named from upstream to downstream. For better understanding of the modeling result, refer to the addendum of the stormwater management report (7154023-100000-41-ELI-0001).

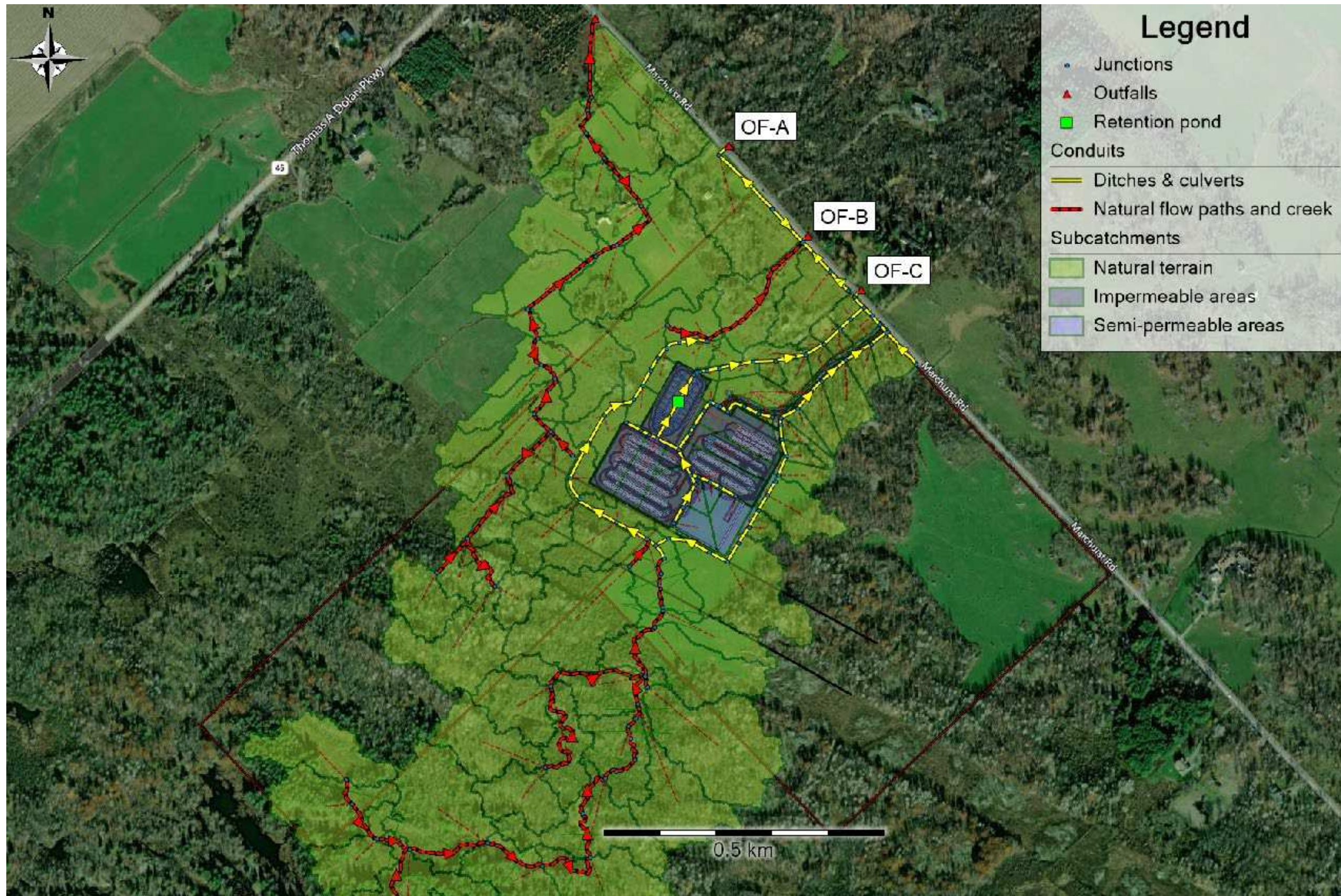


Figure 12: Post-development sub-catchment areas (from PCSWMM)



#### 6.3.4. Wet pond design criteria

The stormwater pond has been designed to meet quantity, quality, and erosion control requirements under the runoff from the BESS site. The design of the wet pond is per MECP (formerly MOE) design guidelines (MOE, 2003) and a summary of the design criteria is provided in Table 14, including the runoff from the BESS site.

**Table 14: Wet pond design summary**

| Parameter                                                                                                                                                                          | Minimum criteria (per MECP [formerly MOE] design guidelines)                                          | Design value                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Wet pond water quality storage requirement to meet enhanced Protection Level (80% removal of SS)                                                                                   | 287 m <sup>3</sup> /ha                                                                                | 543 m <sup>3</sup> /ha                                                           |
| Detention time                                                                                                                                                                     | 24 hours                                                                                              | > 24 hours                                                                       |
| Length-to-width ratio of the forebay                                                                                                                                               | 2:1                                                                                                   | 2:1                                                                              |
| Overall length-to-width                                                                                                                                                            | 3:1                                                                                                   | 3.6:1                                                                            |
| Side slopes                                                                                                                                                                        | 3:1                                                                                                   | 5:1                                                                              |
| Forebay                                                                                                                                                                            | Minimum depth of 1 m<br>Maximum 33% area of the total permanent pool                                  | 1.0 m depth<br>21% of the total permanent pool area                              |
| Permanent pool depth                                                                                                                                                               | Maximum depth of 3 m                                                                                  | 1.3 m                                                                            |
| Active storage depth                                                                                                                                                               | Maximum 1.5 m for water quality/erosion control<br>Maximum 2 m, including quantity control            | 0.36 m for water quality/erosion control<br>1.3 m for 100-year quantity control. |
| Forebay length                                                                                                                                                                     | Greater than or equal to the larger of the settling length and dispersion length: 15 m <sup>(1)</sup> | 24 m                                                                             |
| Freeboard                                                                                                                                                                          | 300 mm                                                                                                | 300 mm under normal operating conditions                                         |
| Orifice                                                                                                                                                                            | 75 mm                                                                                                 | 125 mm                                                                           |
| Inlet                                                                                                                                                                              | Minimum 450 mm diameter                                                                               | 1.2-meter-deep open ditch<br>0.5 m wide at the bottom                            |
| Outlet                                                                                                                                                                             | Minimum 600 mm diameter                                                                               | 600 mm                                                                           |
| The settling length and dispersion length are calculated as per "Stormwater Planning & Design Manual" (MOE, 2003) for the erosion control storm and a 10-year storm, respectively. |                                                                                                       |                                                                                  |

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



Based on the enhanced protection level of 80% long-term suspended solids removal and percentage of impervious area for the developed site, the MECP (formerly MOE) design manual Table 3.2 (MOE, 2003) requires 287 m<sup>3</sup>/ha (based on 100% impervious level) for the storage volume, by linear extrapolation. The permanent pond volume is calculated to be 3,256 m<sup>3</sup> to meet this requirement. Given the contributing developed areas of 6 ha for the BESS site, min. 1722 m<sup>3</sup> of storage volume is required, which means the size of the permanent pool meeting the requirements of Table 3.2 (Figure 13) for enhanced protection in wet ponds with a 100% impervious level.

| Protection Level                                 | SWMP Type                  | Storage Volume (m <sup>3</sup> /ha) for Impervious Level |     |     |     |
|--------------------------------------------------|----------------------------|----------------------------------------------------------|-----|-----|-----|
|                                                  |                            | 35%                                                      | 55% | 70% | 85% |
| <i>Enhanced</i><br>80% long-term<br>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><br>70% long-term<br>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><br>60% long-term<br>S.S. removal    | Infiltration               | 20                                                       | 20  | 20  | 20  |
|                                                  | Wetlands                   | 60                                                       | 60  | 60  | 60  |
|                                                  | Hybrid Wet Pond/Wetland    | 60                                                       | 70  | 75  | 80  |
|                                                  | Wet Pond                   | 60                                                       | 75  | 85  | 95  |
|                                                  | Dry Pond (Continuous Flow) | 90                                                       | 150 | 200 | 240 |

**Figure 13: Water quality storage requirements**  
(Source: Table 3.2 in Stormwater Management Planning and Design Manual MOE, 2003)

The active storage was sized as the larger of the erosion control active storage and the quality control active storage. Quality control requires a storage volume of 40 m<sup>3</sup>/ha, whereas erosion control requires a volume capable of providing 24 hours of detention time for a 25 mm 4-hour Chicago storm. The quality control storage volume is 240 m<sup>3</sup>, and the erosion control volume is 1297 m<sup>3</sup>.



For quantity control, 24-hour SCS Type 2 storm events were simulated for return periods ranging from 2 to 100 years. The post-development flow rates are compared to the pre-development values to ensure the post-development quantity is equal to or less than the 2-year pre-development while maintaining minimum 300 mm of freeboard to the top of the pond bank. To meet quantity control under normal operating conditions, weir width will be 1.5 m to reduce the outflow and meet peak flow requirements. See plan 7154023-100000-41-D20-0004 for more details.

### 6.3.5. Post-development flows

In table 14, the controlled post-development flow rates leaving the wet pond with a free outfall, is presented. The results meet MECP (formally MOE), and City of Ottawa guidelines' quantity control requirements and are less than the pre-development data from Table 12: SCS Type 2 storm pre-development flows.

**Table 15: SCS Type 2 storm post-development flows**

| Return period |          | 100 years         |            | 50 years          |            | 25 years          |            | 10 years          |            | 5 years           |            | 2 years           |            |
|---------------|----------|-------------------|------------|-------------------|------------|-------------------|------------|-------------------|------------|-------------------|------------|-------------------|------------|
|               |          | Max. flow         | Total vol. | Max. flow         | Total vol. | Max. flow         | Total vol. | Max. flow         | Total vol. | Max. flow         | Total vol. | Max. flow         | Total vol. |
|               | Duration | m <sup>3</sup> /s | ML         | m <sup>3</sup> /s | ML         | m <sup>3</sup> /s | ML         | m <sup>3</sup> /s | ML         | m <sup>3</sup> /s | ML         | m <sup>3</sup> /s | ML         |
| A             | 24-hr    | 0.229             | 1.27       | 0.183             | 1.08       | 0.156             | 0.896      | 0.101             | 0.683      | 0.064             | 0.522      | 0.017             | 0.302      |
| B             | 24-hr    | 0.815             | 25.6       | 0.731             | 21.7       | 0.620             | 18.0       | 0.468             | 13.7       | 0.355             | 10.4       | 0.181             | 5.97       |
| C             | 24-hr    | 0.299             | 8.05       | 0.253             | 7.30       | 0.212             | 6.55       | 0.160             | 5.58       | 0.12              | 4.8        | 0.067             | 3.52       |

To be able to compare the 100-year post development flows to the 2-year pre-development flows, the area draining towards the wet pond was set to 100-year return period and the rest of the site was set to the 2-year return period. The figure below shows the different sub catchment with the different return period. The following figure and tables show the flows at the 3 different outfalls:

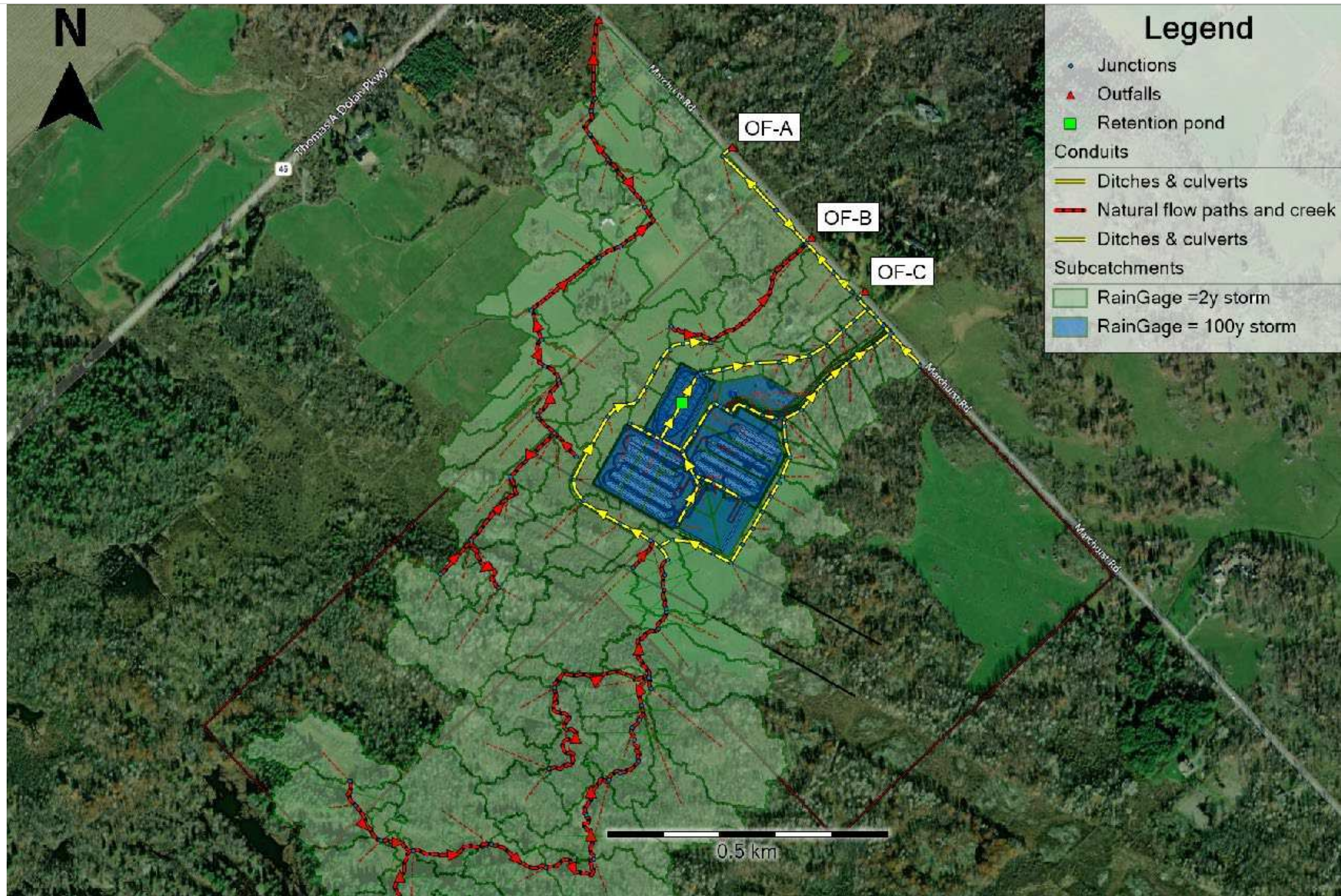


Figure 14: 100-year vs 2-year comparison

**Table 16: Controlled flows vs. pre-development flows**

|                                          | Return period          | 100-year post / 2-year pre |
|------------------------------------------|------------------------|----------------------------|
|                                          | SCS Type 2<br>Duration | m <sup>3</sup> /s          |
| A                                        | 24-hr                  | 0.017/0.017                |
| B                                        | 24-hr                  | 0.181/0.201                |
| C                                        | 24-hr                  | 0.074/0.054                |
| Combined<br>flow from B<br>and C outflow | 24-hr                  | 0.255/0.255                |

The interpretation of these results shows that the flow at the different outfall doesn't increase as a whole from the 2-year pre-development. Some of the water from outflow B is redirected in the outflow C culverts crossing the road to the same outfall location. The difference comes from the access road ditch use the culvert C due to the location of the road.

### 6.3.6. Wet pond water elevation and storage volume

Figure 15 shows the storage capacity curve of the proposed wet pond as it was input into PCSWMM. The storage curve by area includes the permanent pool volume.

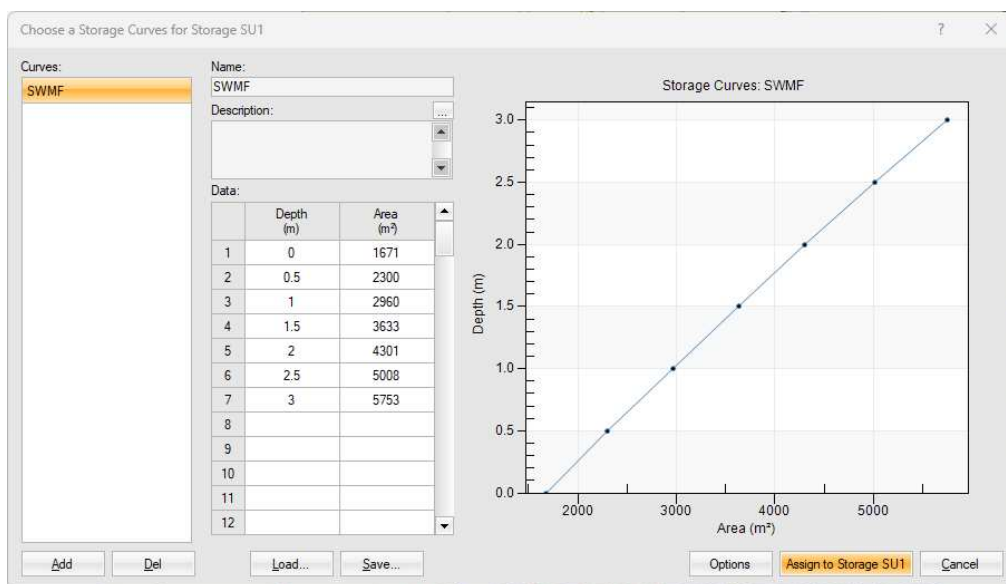


**Figure 15: PCSWMM Storage curve**

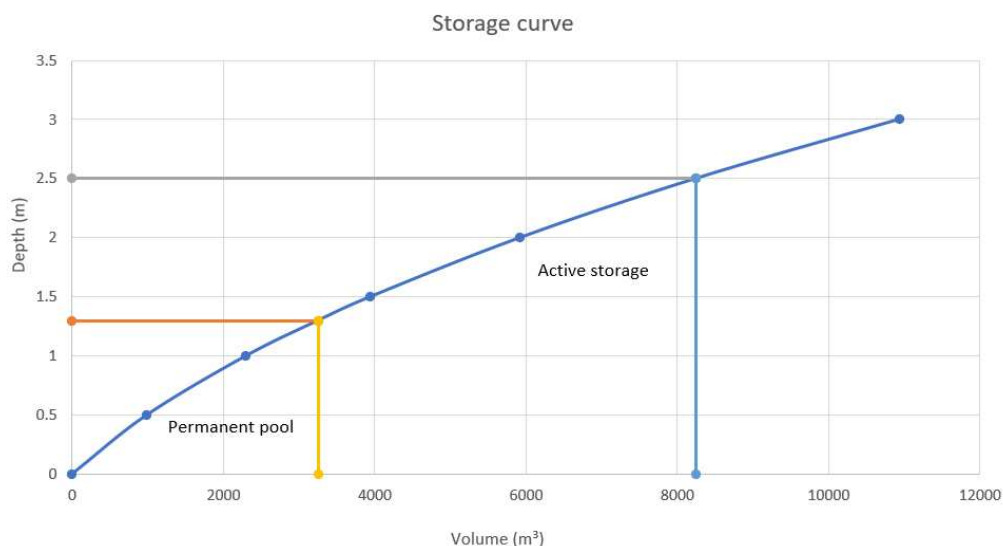


Figure 16: Storage curve

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

Table 17: Stage storage relationship

| Stage-storage relationship |                          |                          |                            |                       |                         |                                    | Outflow<br>(m³/s) |
|----------------------------|--------------------------|--------------------------|----------------------------|-----------------------|-------------------------|------------------------------------|-------------------|
| Elevation (m)              | Side<br>slope<br>(1:run) | Incremental<br>depth (m) | Incremental<br>volume (m³) | Total<br>depth<br>(m) | Total<br>volume<br>(m³) | Comments                           | Orifice           |
| 95.5                       | 5                        | 0.00                     | 0                          | 0.00                  | 0.00                    | Permanent pool                     | N/A               |
| 95.8                       | 5                        | 0.30                     | 566                        | 0.30                  | 566                     |                                    | N/A               |
| 96                         | 5                        | 0.20                     | 440                        | 0.50                  | 1006                    |                                    | N/A               |
| 96.5                       | 5                        | 0.50                     | 1315                       | 1.00                  | 2321                    |                                    | N/A               |
| 96.8                       | 5                        | 0.30                     | 949                        | 1.30                  | 3269                    |                                    | 0                 |
| 97                         | 5                        | 0.20                     | 700                        | 1.50                  | 3969                    | Quality control                    | N/A               |
| 97.18                      | 5                        | 0.18                     | 664                        | 1.68                  | 4633                    | Chicago 4hr 25m                    | 0.013             |
| 97.5                       | 5                        | 0.32                     | 1349                       | 2.00                  | 5908                    | Quantity control<br>24hr 100 years | 0.020             |
| 98.08                      | 5                        | 0.58                     | 2739                       | 2.58                  | 8647                    |                                    | 0.025             |
| 98.2                       | 5                        | 0.12                     | 664                        | 2.70                  | 9311                    | Weir and overflow                  | N/A               |
| 98.5                       | 5                        | 0.30                     | 1614                       | 3.00                  | 10925                   | Freeboard<br>(0.5 m)               | N/A               |



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

**Table 18: Maximum water elevation during various storm events**

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

## 7. Spill prevention and response

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

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

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

- The preliminary transformer has 52 100 L of oil;
- A 24-hour and 50-year return period event has a rainfall intensity of 4.4 mm/hr and cumulative rainfall depth of 105.2 mm.



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

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

## 8. Erosion and sediment control

An erosion and sediment control (ESC) plan will ensure sediment-laden runoff does not damage downstream watercourses and receiving waters. The MECP (formerly MOE) design manual (MOE, 2003) requires that no off-site migration of sediment may occur. The ESC plan covers all phases of the project from before construction, during construction, and extend to post-construction. The permanent post-construction erosion control measures are discussed in Section 4.2. In this section, temporary ESC measures prior to and during construction are discussed.

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

The temporary pond permanent pool and the active storage volume are sized with 185m<sup>3</sup>/hectare. The result is included on drawing 7154023-100000-41-D70-0001-03.

The erosion and sediment controls shall be installed prior to any construction activity. The ESC measures put in place are to be monitored and maintained throughout construction until the final grading, erosion control, and drainage systems are in place.

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

## 9. Snow storage

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



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

|                                              |                       |
|----------------------------------------------|-----------------------|
| Average annual total snow fall depth         | 1.875                 |
| Assumed total melted fraction                | 0.5                   |
| Total snow depth remaining on site           | 0.5                   |
| New snowfall density                         | 100 kg/m <sup>3</sup> |
| Compacted snowfall density                   | 500 kg/m <sup>3</sup> |
| Fresh /compacted snow depth ratio            | 0.20                  |
| Snow depth in snow pile                      | 0.175                 |
| Snowfall area                                | 20 000m <sup>2</sup>  |
| Snow pile volume for average annual snowfall | 3500 m <sup>3</sup>   |

Assuming a pile height of 4.5 m with 1 m top width and 2H:1V side slope, the area is 45 m<sup>3</sup>.

|                                                      |                                      |
|------------------------------------------------------|--------------------------------------|
| Snow pile base area                                  | 19 m <sup>2</sup>                    |
| Snow pile volume per metre length                    | 45 m <sup>3</sup>                    |
| Snow pile volume per square metre                    | 2.368 m <sup>3</sup> /m <sup>2</sup> |
| Snow pile area required for average annual snow fall | 1478 m <sup>2</sup> required         |

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

## 10. Maintenance and monitoring

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

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

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

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



- Check the permanent pool elevation 48 hrs after a storm event. If the water level is higher or lower than normal, check for leakages or blockages at the outlet and inlet, respectively;
- Check that the vegetation within the pond area is healthy; revegetation may be required. To be conducted monthly to quarterly;
- Visually inspect for pollutants on the water surface and remove as necessary. Indicators include trash, froth, or oily sheen. Conducted monthly to quarterly or on an as-needed basis;
- Check pond structures such as forebay berm, orifices, and inlet/outlet pipes. Conducted monthly to quarterly or on an as-needed basis;
- Usage of herbicides and insecticides should be prohibited, and usage of fertilizer should be limited to reduce nutrient loading downstream of the pond;
- Monitor sediment buildup within the pond annually. Based on the predicted sediment loading of the pond per MOE guidelines, forebay sediment removal should occur once every 8 years or when the forebay volume is filled with sediment, whichever occurs first;
- Sediment removal in the main pool should be conducted every 25 years or when 50% of the main pool volume is filled with sediment, whichever occurs first;
- It is recommended to conduct sediment removal during dry periods to remove the need for a by-pass pipe. Existing vegetation is to be protected and replaced if damaged during this process. Sediments are to be dried in a designated drying area surrounded by silt fences and disposed of per MOEE Sediment Disposal Guidelines;
- Effluent samples should be collected at the pond discharge point and be tested to ensure Provincial Water Quality Objectives are met.
- The re-aligned watercourse will be subject to visual inspections of bank stability quarterly by Owner. Revegetation and slope stabilization will be corrected to maintain the slopes with native fill and vegetation if erosion or scarification is observed with the appropriate mitigations required to perform that work as outlined in the EIS. The site, including the diversion watercourse, will be monitored for invasive and noxious weeds, which will be managed in accordance with the mitigations outlined within the EIS.

## 11. Recommendations and conclusion

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

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



- Recommended maintenance procedures have been provided in this report to ensure proper operation of the proposed storm drainage system;
- Spill prevention is another key component of water quality management. The risk of spill from oil-filled transformers will be managed by a concrete containment, discharging by gravity flow to a sump pit;
- Erosion and sediment control during the construction phase will ensure that sediment-laden runoff is managed and the quality of receiving waters is not impaired.



## Appendix A: IDF Data

### 5.4.2 IDF Curves and Equations

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

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

where:

*Intensity* = mm/hr

*Td* = time of duration (min)

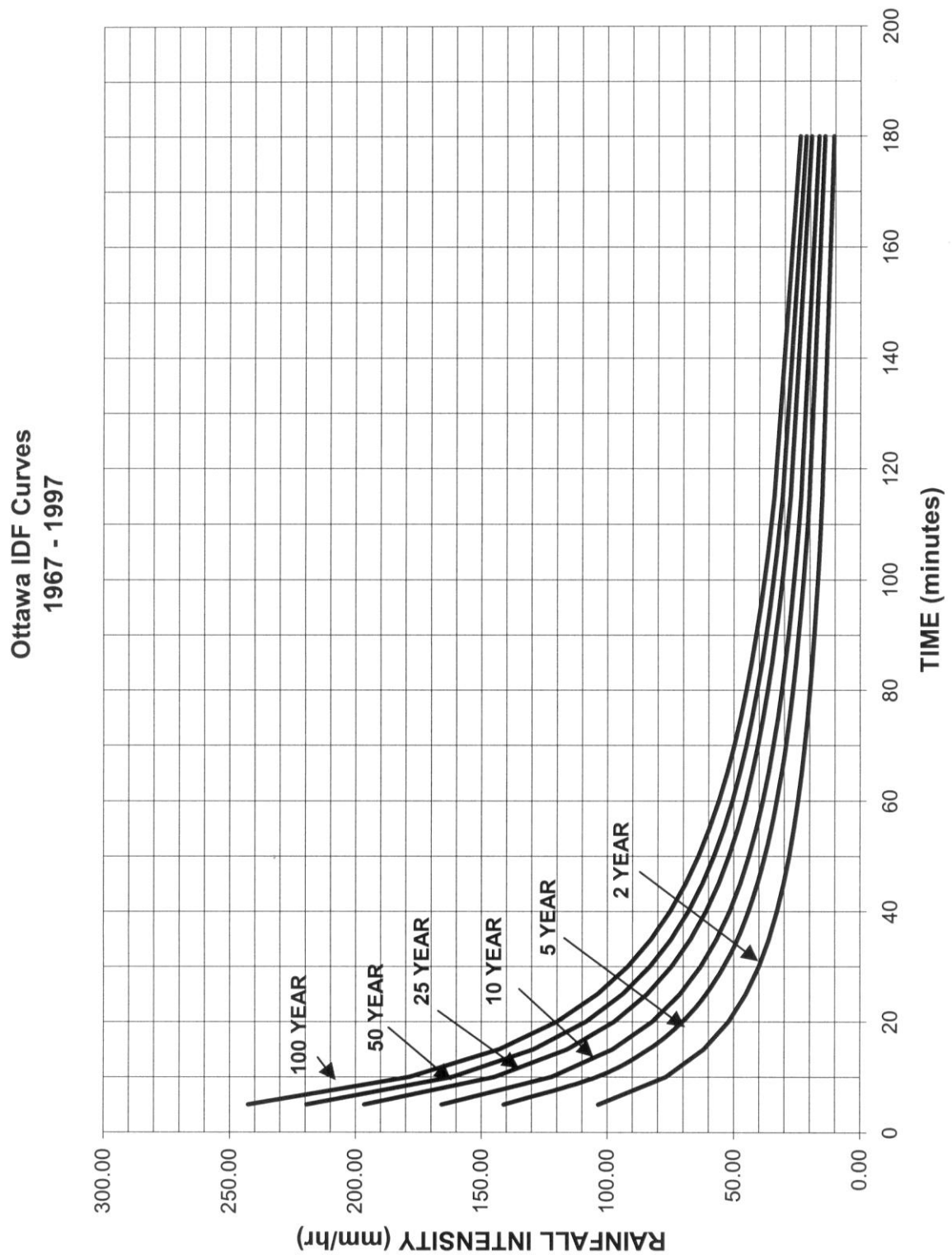
*A, B, C* = regression constants for each return period

**Table 5.1 Ottawa IDF Table: 1967 to 1997**

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

## APPENDIX 5-A

## OTTAWA INTENSITY DURATION FREQUENCY (IDF) CURVE



## SECTION 5

## STORM AND COMBINED SEWER DESIGN

**5.4.2 IDF Curves and Equations**

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

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

where:

*Intensity* = mm/hr

*Td* = time of duration (min)

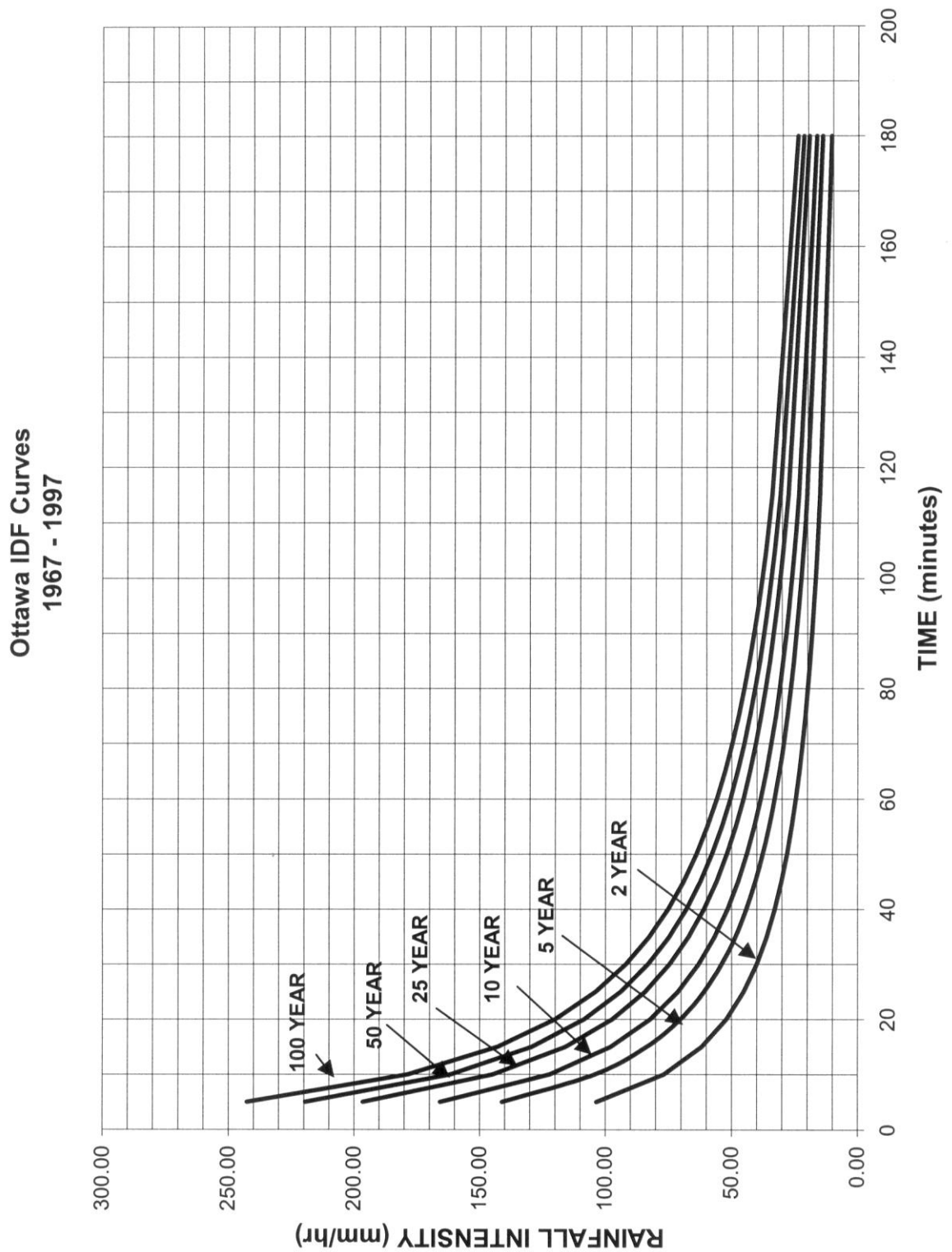
*A, B, C* = regression constants for each return period

**Table 5.1 Ottawa IDF Table: 1967 to 1997**

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

APPENDIX 5-A

OTTAWA INTENSITY DURATION FREQUENCY (IDF) CURVE





## Appendix B: PCSWMM Model Results

\*\*\*\*\*  
Element Count  
\*\*\*\*\*

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

\*\*\*\*\*  
Raingage Summary  
\*\*\*\*\*

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

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

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

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

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

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

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Cross Section Summary

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

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

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Transect Summary  
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Transect 248

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

Transect 257

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

Transect 261

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

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

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

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

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

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

Transect C100

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

Transect C101

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

Transect C103

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

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

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

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

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

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

Transect C81

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

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

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

Transect C85

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

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

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

Transect C87

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

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

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

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

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

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

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

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

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

\*\*\*\*\*  
Analysis Options  
\*\*\*\*\*  
Flow Units ..... CMS  
Process Models:  
    Rainfall/Runoff ..... YES  
    RDII ..... NO

Snowmelt ..... NO  
Groundwater ..... NO  
Flow Routing ..... YES  
Ponding Allowed ..... NO  
Water Quality ..... NO  
Infiltration Method ..... CURVE\_NUMBER  
Flow Routing Method ..... DYNWAVE  
Surcharge Method ..... EXTRAN  
Starting Date ..... 04/10/2025 00:00:00  
Ending Date ..... 04/12/2025 00:00:00  
Antecedent Dry Days ..... 0.0  
Report Time Step ..... 00:01:00  
Wet Time Step ..... 00:05:00  
Dry Time Step ..... 00:05:00  
Routing Time Step ..... 5.00 sec  
Variable Time Step ..... YES  
Maximum Trials ..... 8  
Number of Threads ..... 6  
Head Tolerance ..... 0.001500 m

|                            | Volume    | Depth   |
|----------------------------|-----------|---------|
| Runoff Quantity Continuity | hectare-m | mm      |
| *****                      | -----     | -----   |
| Total Precipitation .....  | 9.869     | 103.500 |
| Evaporation Loss .....     | 0.000     | 0.000   |
| Infiltration Loss .....    | 5.241     | 54.966  |
| Surface Runoff .....       | 4.514     | 47.347  |
| Final Storage .....        | 0.121     | 1.272   |
| Continuity Error (%) ..... | -0.082    |         |

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

\*\*\*\*\*  
Highest Continuity Errors  
\*\*\*\*\*  
Node T015001 (2.23%)  
Node T013042 (1.33%)  
Node T013044 (1.09%)

\*\*\*\*\*  
Time-Step Critical Elements  
\*\*\*\*\*  
Link SMC12 (35.74%)  
Link PUB\_RD\_CULVERT-B (25.95%)

\*\*\*\*\*  
Highest Flow Instability Indexes  
\*\*\*\*\*  
Link PUB\_RD\_CULVERT-C (4)  
Link PUB\_RD\_CULVERT-A (3)  
Link PUB\_rd\_DC06 (1)

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

\*\*\*\*\*  
Routing Time Step Summary  
\*\*\*\*\*  
Minimum Time Step : 0.00 sec  
Average Time Step : 3.21 sec  
Maximum Time Step : 5.00 sec  
% of Time in Steady State : 0.00  
Average Iterations per Step : 2.00  
% of Steps Not Converging : 0.00  
Time Step Frequencies :  
5.000 - 3.155 sec : 49.70 %  
3.155 - 1.991 sec : 20.32 %  
1.991 - 1.256 sec : 19.79 %  
1.256 - 0.792 sec : 7.24 %  
0.792 - 0.500 sec : 2.95 %

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

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

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

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

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

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Node Inflow Summary  
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|         |          | Maximum<br>Lateral<br>Inflow<br>CMS | Maximum<br>Total<br>Inflow<br>CMS | Time of Max<br>Occurrence<br>days hr:min |       | Lateral<br>Inflow<br>Volume<br>10^6 ltr | Total<br>Inflow<br>Volume<br>10^6 ltr | Flow<br>Balance<br>Error<br>Percent |
|---------|----------|-------------------------------------|-----------------------------------|------------------------------------------|-------|-----------------------------------------|---------------------------------------|-------------------------------------|
| Node    | Type     |                                     |                                   |                                          |       |                                         |                                       |                                     |
| 16017   | JUNCTION | 0.153                               | 0.990                             | 0                                        | 12:20 | 0.606                                   | 5.4                                   | -0.006                              |
| 16094   | JUNCTION | 0.000                               | 0.012                             | 0                                        | 12:05 | 0                                       | 0.00213                               | -53.414                             |
| 16130   | JUNCTION | 0.207                               | 2.303                             | 0                                        | 12:11 | 0.725                                   | 32.7                                  | 0.267                               |
| 25010   | JUNCTION | 0.266                               | 0.266                             | 0                                        | 12:00 | 1.2                                     | 1.23                                  | -0.010                              |
| 25025   | JUNCTION | 0.000                               | 0.080                             | 0                                        | 11:58 | 0                                       | 0.0356                                | 0.460                               |
| 26419   | JUNCTION | 0.000                               | 0.401                             | 0                                        | 12:14 | 0                                       | 1.04                                  | 1.294                               |
| 26456   | JUNCTION | 0.000                               | 0.285                             | 0                                        | 12:00 | 0                                       | 2.1                                   | 0.041                               |
| 26481   | JUNCTION | 0.242                               | 0.350                             | 0                                        | 12:00 | 0.9                                     | 2.1                                   | -0.006                              |
| 26578   | JUNCTION | 0.000                               | 0.000                             | 0                                        | 00:00 | 0                                       | 0                                     | 0.000 ltr                           |
| J101    | JUNCTION | 0.119                               | 0.749                             | 0                                        | 12:03 | 0.597                                   | 5.46                                  | 0.023                               |
| J107    | JUNCTION | 0.135                               | 1.703                             | 0                                        | 12:28 | 0.689                                   | 21.9                                  | 0.019                               |
| J111    | JUNCTION | 0.217                               | 1.642                             | 0                                        | 12:27 | 0.807                                   | 21.3                                  | 0.004                               |
| J117    | JUNCTION | 0.148                               | 0.665                             | 0                                        | 12:01 | 0.572                                   | 2.99                                  | -0.721                              |
| J137    | JUNCTION | 0.242                               | 0.242                             | 0                                        | 12:00 | 1.02                                    | 1.02                                  | -0.229                              |
| J14     | JUNCTION | 0.088                               | 1.207                             | 0                                        | 12:07 | 0.29                                    | 11.6                                  | 0.005                               |
| J152    | JUNCTION | 0.139                               | 0.139                             | 0                                        | 12:00 | 0.564                                   | 0.564                                 | -0.018                              |
| J160    | JUNCTION | 0.296                               | 0.296                             | 0                                        | 12:00 | 1.31                                    | 1.31                                  | -0.016                              |
| J17     | JUNCTION | 0.174                               | 1.161                             | 0                                        | 12:06 | 0.533                                   | 11.3                                  | 0.004                               |
| J2      | JUNCTION | 0.000                               | 2.017                             | 0                                        | 12:24 | 0                                       | 25.2                                  | -0.002                              |
| J253    | JUNCTION | 0.165                               | 0.578                             | 0                                        | 12:00 | 0.539                                   | 2.42                                  | -0.009                              |
| J258    | JUNCTION | 0.225                               | 2.217                             | 0                                        | 12:08 | 0.776                                   | 26.6                                  | -0.165                              |
| J259    | JUNCTION | 0.244                               | 1.050                             | 0                                        | 12:02 | 0.874                                   | 4.91                                  | 0.959                               |
| J270    | JUNCTION | 0.367                               | 2.018                             | 0                                        | 12:23 | 1.66                                    | 25.2                                  | 0.009                               |
| J274    | JUNCTION | 0.141                               | 1.276                             | 0                                        | 12:06 | 0.398                                   | 12                                    | -0.004                              |
| J276    | JUNCTION | 0.081                               | 0.678                             | 0                                        | 12:00 | 0.215                                   | 7.46                                  | -0.002                              |
| J3      | JUNCTION | 0.000                               | 0.363                             | 0                                        | 12:02 | 0                                       | 0.94                                  | 0.194                               |
| J33     | JUNCTION | 0.321                               | 0.923                             | 0                                        | 12:01 | 1.24                                    | 8.71                                  | 0.015                               |
| J35     | JUNCTION | 0.144                               | 0.944                             | 0                                        | 12:02 | 0.64                                    | 9.35                                  | 0.046                               |
| J43     | JUNCTION | 0.295                               | 1.073                             | 0                                        | 12:06 | 1.43                                    | 10.8                                  | -0.004                              |
| J5      | JUNCTION | 0.372                               | 0.372                             | 0                                        | 12:00 | 1.27                                    | 1.27                                  | 0.262                               |
| J53     | JUNCTION | 0.171                               | 0.171                             | 0                                        | 12:00 | 0.678                                   | 0.678                                 | -0.112                              |
| J64     | JUNCTION | 0.252                               | 0.616                             | 0                                        | 12:00 | 0.988                                   | 7.25                                  | -0.009                              |
| J8      | JUNCTION | 0.125                               | 1.359                             | 0                                        | 12:04 | 0.529                                   | 12.5                                  | 0.006                               |
| J80     | JUNCTION | 0.073                               | 0.397                             | 0                                        | 12:17 | 0.366                                   | 6.26                                  | 0.009                               |
| J86     | JUNCTION | 0.276                               | 0.276                             | 0                                        | 12:00 | 1.59                                    | 1.59                                  | -0.103                              |
| J92     | JUNCTION | 0.076                               | 0.364                             | 0                                        | 12:30 | 0.436                                   | 5.9                                   | 0.031                               |
| T009005 | JUNCTION | 0.417                               | 1.572                             | 0                                        | 12:27 | 2.04                                    | 20.5                                  | -0.001                              |
| T009007 | JUNCTION | 0.000                               | 0.000                             | 0                                        | 00:00 | 0                                       | 0                                     | 0.000 ltr                           |
| T012001 | JUNCTION | 0.267                               | 0.267                             | 0                                        | 12:00 | 1.43                                    | 1.43                                  | -0.227                              |
| T013002 | JUNCTION | 0.000                               | 1.271                             | 0                                        | 12:30 | 0                                       | 17                                    | 0.045                               |
| T013003 | JUNCTION | 0.000                               | 1.273                             | 0                                        | 12:28 | 0                                       | 17                                    | 0.007                               |
| T013006 | JUNCTION | 0.102                               | 1.273                             | 0                                        | 12:28 | 0.45                                    | 17                                    | 0.003                               |
| T013007 | JUNCTION | 0.234                               | 1.233                             | 0                                        | 12:27 | 1.11                                    | 16.5                                  | 0.019                               |

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

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

| Node    | Type     | Hours<br>Surcharged | Max. Height           | Min. Depth          |
|---------|----------|---------------------|-----------------------|---------------------|
|         |          |                     | Above Crown<br>Meters | Below Rim<br>Meters |
| T009007 | JUNCTION | 48.00               | 0.000                 | 0.000               |

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

No nodes were flooded.

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

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

\*\*\*\*\*  
Link Flow Summary  
\*\*\*\*\*

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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Cross Section Summary

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

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

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Transect Summary  
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Transect 248

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

Transect 257

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

Transect 261

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

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

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

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

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

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

Transect C100

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

Transect C101

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

Transect C103

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

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

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

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

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

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
|              | 0.0471 | 0.0942 | 0.1413 | 0.1628 | 0.1712 |
|              | 0.1797 | 0.1881 | 0.1966 | 0.2050 | 0.2135 |
|              | 0.2220 | 0.2304 | 0.2389 | 0.2473 | 0.2556 |
|              | 0.2635 | 0.2713 | 0.2792 | 0.2870 | 0.2949 |
|              | 0.3027 | 0.3106 | 0.3189 | 0.3278 | 0.3367 |
|              | 0.3457 | 0.3546 | 0.3635 | 0.3724 | 0.3814 |
|              | 0.3903 | 0.4001 | 0.4116 | 0.4231 | 0.4345 |
|              | 0.4460 | 0.4575 | 0.4749 | 0.4972 | 0.5195 |
|              | 0.5418 | 0.7575 | 0.8656 | 0.8889 | 0.9049 |
|              | 0.9209 | 0.9390 | 0.9593 | 0.9797 | 1.0000 |
| Transect C81 |        |        |        |        |        |
| Area:        | 0.0005 | 0.0021 | 0.0047 | 0.0084 | 0.0132 |
|              | 0.0190 | 0.0258 | 0.0337 | 0.0427 | 0.0527 |
|              | 0.0637 | 0.0759 | 0.0890 | 0.1031 | 0.1180 |
|              | 0.1336 | 0.1499 | 0.1671 | 0.1851 | 0.2038 |
|              | 0.2233 | 0.2435 | 0.2646 | 0.2864 | 0.3090 |
|              | 0.3323 | 0.3561 | 0.3801 | 0.4044 | 0.4290 |
|              | 0.4538 | 0.4789 | 0.5043 | 0.5300 | 0.5560 |
|              | 0.5822 | 0.6087 | 0.6354 | 0.6625 | 0.6898 |
|              | 0.7174 | 0.7453 | 0.7735 | 0.8022 | 0.8316 |
|              | 0.8621 | 0.8942 | 0.9278 | 0.9631 | 1.0000 |
| Hrad:        | 0.0190 | 0.0380 | 0.0570 | 0.0760 | 0.0950 |
|              | 0.1139 | 0.1329 | 0.1519 | 0.1709 | 0.1899 |
|              | 0.2089 | 0.2279 | 0.2469 | 0.2711 | 0.2943 |
|              | 0.3171 | 0.3395 | 0.3616 | 0.3835 | 0.4051 |
|              | 0.4265 | 0.4477 | 0.4688 | 0.4897 | 0.5105 |
|              | 0.5346 | 0.5659 | 0.5969 | 0.6276 | 0.6580 |
|              | 0.6882 | 0.7181 | 0.7477 | 0.7770 | 0.8061 |
|              | 0.8350 | 0.8637 | 0.8921 | 0.9203 | 0.9483 |
|              | 0.9761 | 1.0037 | 1.0245 | 1.0396 | 1.0549 |
|              | 1.0696 | 1.0829 | 1.0950 | 1.1063 | 1.0000 |
| Width:       | 0.0280 | 0.0559 | 0.0839 | 0.1118 | 0.1398 |
|              | 0.1677 | 0.1957 | 0.2236 | 0.2516 | 0.2795 |
|              | 0.3075 | 0.3355 | 0.3634 | 0.3832 | 0.4039 |
|              | 0.4245 | 0.4451 | 0.4657 | 0.4863 | 0.5069 |
|              | 0.5275 | 0.5481 | 0.5687 | 0.5893 | 0.6099 |
|              | 0.6264 | 0.6337 | 0.6409 | 0.6482 | 0.6555 |
|              | 0.6628 | 0.6701 | 0.6774 | 0.6847 | 0.6920 |
|              | 0.6993 | 0.7066 | 0.7138 | 0.7211 | 0.7284 |
|              | 0.7357 | 0.7430 | 0.7553 | 0.7718 | 0.7883 |
|              | 0.8295 | 0.8721 | 0.9148 | 0.9574 | 1.0000 |
| Transect C85 |        |        |        |        |        |
| Area:        | 0.0026 | 0.0095 | 0.0171 | 0.0249 | 0.0332 |
|              | 0.0417 | 0.0505 | 0.0597 | 0.0692 | 0.0790 |
|              | 0.0892 | 0.0996 | 0.1104 | 0.1215 | 0.1329 |
|              | 0.1447 | 0.1568 | 0.1692 | 0.1819 | 0.1949 |
|              | 0.2083 | 0.2221 | 0.2362 | 0.2507 | 0.2655 |
|              | 0.2807 | 0.2962 | 0.3122 | 0.3287 | 0.3457 |
|              | 0.3631 | 0.3809 | 0.3993 | 0.4181 | 0.4374 |
|              | 0.4574 | 0.4784 | 0.5006 | 0.5237 | 0.5484 |
|              | 0.5764 | 0.6084 | 0.6480 | 0.6914 | 0.7376 |
|              | 0.7866 | 0.8375 | 0.8904 | 0.9448 | 1.0000 |
| Hrad:        | 0.0280 | 0.0717 | 0.1233 | 0.1728 | 0.2206 |
|              | 0.2668 | 0.3115 | 0.3551 | 0.3974 | 0.4388 |
|              | 0.4792 | 0.5188 | 0.5576 | 0.5958 | 0.6333 |
|              | 0.6702 | 0.7066 | 0.7425 | 0.7779 | 0.8111 |
|              | 0.8439 | 0.8764 | 0.9086 | 0.9406 | 0.9724 |
|              | 1.0039 | 1.0315 | 1.0560 | 1.0807 | 1.1055 |
|              | 1.1305 | 1.1556 | 1.1809 | 1.2062 | 1.2316 |
|              | 1.2253 | 1.2197 | 1.2172 | 1.2174 | 1.1584 |
|              | 1.0671 | 1.0067 | 0.8601 | 0.8570 | 0.8597 |
|              | 0.8749 | 0.8963 | 0.9182 | 0.9586 | 1.0000 |
| Width:       | 0.0937 | 0.1334 | 0.1391 | 0.1449 | 0.1507 |
|              | 0.1565 | 0.1623 | 0.1681 | 0.1739 | 0.1797 |
|              | 0.1855 | 0.1913 | 0.1971 | 0.2029 | 0.2087 |
|              | 0.2144 | 0.2202 | 0.2260 | 0.2318 | 0.2382 |
|              | 0.2446 | 0.2510 | 0.2574 | 0.2638 | 0.2702 |
|              | 0.2766 | 0.2840 | 0.2925 | 0.3009 | 0.3093 |
|              | 0.3177 | 0.3261 | 0.3345 | 0.3430 | 0.3514 |
|              | 0.3696 | 0.3887 | 0.4077 | 0.4268 | 0.4703 |
|              | 0.5376 | 0.6453 | 0.7529 | 0.8068 | 0.8584 |
|              | 0.8998 | 0.9354 | 0.9711 | 0.9864 | 1.0000 |
| Transect C87 |        |        |        |        |        |
| Area:        | 0.0010 | 0.0041 | 0.0092 | 0.0158 | 0.0235 |
|              | 0.0324 | 0.0423 | 0.0531 | 0.0650 | 0.0778 |
|              | 0.0915 | 0.1060 | 0.1212 | 0.1372 | 0.1540 |
|              | 0.1712 | 0.1889 | 0.2070 | 0.2254 | 0.2444 |
|              | 0.2637 | 0.2834 | 0.3036 | 0.3241 | 0.3451 |
|              | 0.3664 | 0.3882 | 0.4102 | 0.4327 | 0.4555 |
|              | 0.4787 | 0.5022 | 0.5261 | 0.5504 | 0.5750 |
|              | 0.6001 | 0.6256 | 0.6514 | 0.6777 | 0.7044 |
|              | 0.7316 | 0.7593 | 0.7874 | 0.8160 | 0.8452 |
|              | 0.8749 | 0.9052 | 0.9361 | 0.9677 | 1.0000 |
| Hrad:        | 0.0163 | 0.0327 | 0.0511 | 0.0723 | 0.0921 |
|              | 0.1125 | 0.1330 | 0.1527 | 0.1720 | 0.1915 |
|              | 0.2126 | 0.2331 | 0.2532 | 0.2730 | 0.2956 |
|              | 0.3207 | 0.3454 | 0.3697 | 0.3936 | 0.4173 |
|              | 0.4408 | 0.4642 | 0.4874 | 0.5103 | 0.5329 |
|              | 0.5554 | 0.5786 | 0.6017 | 0.6245 | 0.6472 |
|              | 0.6696 | 0.6919 | 0.7132 | 0.7342 | 0.7551 |
|              | 0.7758 | 0.7964 | 0.8165 | 0.8348 | 0.8530 |
|              | 0.8711 | 0.8892 | 0.9065 | 0.9218 | 0.9372 |

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

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

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

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

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

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

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

\*\*\*\*\*  
Analysis Options  
\*\*\*\*\*  
Flow Units ..... CMS  
Process Models:  
    Rainfall/Runoff ..... YES  
    RDII ..... NO

Snowmelt ..... NO  
Groundwater ..... NO  
Flow Routing ..... YES  
Ponding Allowed ..... NO  
Water Quality ..... NO  
Infiltration Method ..... CURVE\_NUMBER  
Flow Routing Method ..... DYNWAVE  
Surcharge Method ..... EXTRAN  
Starting Date ..... 04/10/2025 00:00:00  
Ending Date ..... 04/12/2025 00:00:00  
Antecedent Dry Days ..... 0.0  
Report Time Step ..... 00:01:00  
Wet Time Step ..... 00:05:00  
Dry Time Step ..... 00:05:00  
Routing Time Step ..... 5.00 sec  
Variable Time Step ..... YES  
Maximum Trials ..... 8  
Number of Threads ..... 6  
Head Tolerance ..... 0.001500 m

| *****                      | Volume    | Depth  |
|----------------------------|-----------|--------|
| Runoff Quantity Continuity | hectare-m | mm     |
| *****                      | -----     | -----  |
| Total Precipitation .....  | 4.577     | 48.000 |
| Evaporation Loss .....     | 0.000     | 0.000  |
| Infiltration Loss .....    | 3.392     | 35.571 |
| Surface Runoff .....       | 1.064     | 11.164 |
| Final Storage .....        | 0.122     | 1.277  |
| Continuity Error (%) ..... | -0.025    |        |

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

\*\*\*\*\*  
Highest Continuity Errors  
\*\*\*\*\*  
Node T013042 (5.43%)  
Node T013044 (5.14%)  
Node T016001 (2.41%)  
Node T013037 (1.81%)

\*\*\*\*\*  
Time-Step Critical Elements  
\*\*\*\*\*  
Link SMC12 (48.78%)

\*\*\*\*\*  
Highest Flow Instability Indexes  
\*\*\*\*\*  
All links are stable.

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

\*\*\*\*\*  
Routing Time Step Summary  
\*\*\*\*\*  
Minimum Time Step : 0.00 sec  
Average Time Step : 3.78 sec  
Maximum Time Step : 5.00 sec  
% of Time in Steady State : 0.00  
Average Iterations per Step : 2.00  
% of Steps Not Converging : 0.00  
Time Step Frequencies :  
5.000 - 3.155 sec : 70.28 %  
3.155 - 1.991 sec : 11.91 %  
1.991 - 1.256 sec : 11.22 %  
1.256 - 0.792 sec : 5.39 %  
0.792 - 0.500 sec : 1.19 %

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

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

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

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

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

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Node Inflow Summary  
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| Node    | Type     | Maximum | Maximum | Time of Max |       | Lateral  | Total    | Flow      |  |
|---------|----------|---------|---------|-------------|-------|----------|----------|-----------|--|
|         |          | Lateral | Total   |             |       | Inflow   | Inflow   |           |  |
|         |          | Inflow  | Inflow  | Occurrence  |       | Volume   | Volume   | Balance   |  |
|         |          | CMS     | CMS     | days hr:min |       | 10^6 ltr | 10^6 ltr | Error     |  |
|         |          |         |         |             |       |          |          | Percent   |  |
| 16017   | JUNCTION | 0.018   | 0.054   | 0           | 12:18 | 0.143    | 0.284    | 0.799     |  |
| 16094   | JUNCTION | 0.000   | 0.000   | 0           | 00:00 | 0        | 0        | 0.000 ltr |  |
| 16130   | JUNCTION | 0.023   | 0.225   | 0           | 12:09 | 0.172    | 6.7      | 0.142     |  |
| 25010   | JUNCTION | 0.035   | 0.035   | 0           | 12:00 | 0.282    | 0.282    | 0.041     |  |
| 25025   | JUNCTION | 0.000   | 0.000   | 0           | 00:00 | 0        | 0        | 0.000 ltr |  |
| 26419   | JUNCTION | 0.000   | 0.000   | 0           | 00:00 | 0        | 0        | 0.000 ltr |  |
| 26456   | JUNCTION | 0.000   | 0.056   | 0           | 12:00 | 0        | 0.495    | 0.015     |  |
| 26481   | JUNCTION | 0.028   | 0.060   | 0           | 12:00 | 0.214    | 0.495    | -0.009    |  |
| 26578   | JUNCTION | 0.000   | 0.000   | 0           | 00:00 | 0        | 0        | 0.000 ltr |  |
| J101    | JUNCTION | 0.017   | 0.087   | 0           | 12:12 | 0.14     | 1.29     | 0.009     |  |
| J107    | JUNCTION | 0.019   | 0.171   | 0           | 13:30 | 0.161    | 5.04     | 0.033     |  |
| J111    | JUNCTION | 0.025   | 0.165   | 0           | 13:30 | 0.191    | 4.89     | 0.019     |  |
| J117    | JUNCTION | 0.017   | 0.072   | 0           | 12:00 | 0.136    | 0.706    | 0.010     |  |
| J137    | JUNCTION | 0.030   | 0.030   | 0           | 12:00 | 0.241    | 0.241    | -0.220    |  |
| J14     | JUNCTION | 0.009   | 0.152   | 0           | 12:32 | 0.0692   | 2.73     | 0.007     |  |
| J152    | JUNCTION | 0.017   | 0.017   | 0           | 12:00 | 0.133    | 0.133    | -0.012    |  |
| J160    | JUNCTION | 0.039   | 0.039   | 0           | 12:00 | 0.308    | 0.308    | -0.013    |  |
| J17     | JUNCTION | 0.018   | 0.148   | 0           | 12:31 | 0.127    | 2.67     | 0.016     |  |
| J2      | JUNCTION | 0.000   | 0.206   | 0           | 12:04 | 0        | 5.8      | 0.011     |  |
| J253    | JUNCTION | 0.018   | 0.070   | 0           | 12:00 | 0.129    | 0.57     | -0.011    |  |
| J258    | JUNCTION | 0.025   | 0.232   | 0           | 12:03 | 0.184    | 6.15     | -0.017    |  |
| J259    | JUNCTION | 0.027   | 0.104   | 0           | 12:01 | 0.208    | 1.16     | 0.132     |  |
| J270    | JUNCTION | 0.048   | 0.215   | 0           | 12:01 | 0.39     | 5.81     | 0.036     |  |
| J274    | JUNCTION | 0.015   | 0.158   | 0           | 12:32 | 0.0954   | 2.83     | 0.002     |  |
| J276    | JUNCTION | 0.009   | 0.107   | 0           | 12:02 | 0.0517   | 1.76     | 0.012     |  |
| J3      | JUNCTION | 0.000   | 0.033   | 0           | 12:07 | 0        | 0.0934   | 0.590     |  |
| J33     | JUNCTION | 0.038   | 0.124   | 0           | 12:01 | 0.294    | 2.06     | 0.049     |  |
| J35     | JUNCTION | 0.018   | 0.127   | 0           | 12:29 | 0.151    | 2.21     | 0.153     |  |
| J43     | JUNCTION | 0.041   | 0.140   | 0           | 12:30 | 0.334    | 2.54     | 0.001     |  |
| J5      | JUNCTION | 0.041   | 0.041   | 0           | 12:00 | 0.302    | 0.302    | 0.103     |  |
| J53     | JUNCTION | 0.020   | 0.020   | 0           | 12:00 | 0.16     | 0.16     | -0.059    |  |
| J64     | JUNCTION | 0.030   | 0.103   | 0           | 12:18 | 0.233    | 1.71     | -0.003    |  |
| J8      | JUNCTION | 0.016   | 0.164   | 0           | 12:32 | 0.125    | 2.95     | 0.018     |  |
| J80     | JUNCTION | 0.010   | 0.092   | 0           | 12:17 | 0.0856   | 1.48     | 0.018     |  |
| J86     | JUNCTION | 0.033   | 0.033   | 0           | 12:00 | 0.373    | 0.373    | -0.083    |  |
| J92     | JUNCTION | 0.012   | 0.089   | 0           | 12:13 | 0.101    | 1.39     | 0.013     |  |
| T009005 | JUNCTION | 0.058   | 0.158   | 0           | 13:30 | 0.476    | 4.69     | 0.018     |  |
| T009007 | JUNCTION | 0.000   | 0.000   | 0           | 00:00 | 0        | 0        | 0.000 ltr |  |
| T012001 | JUNCTION | 0.040   | 0.040   | 0           | 12:00 | 0.334    | 0.334    | -0.160    |  |
| T013002 | JUNCTION | 0.000   | 0.132   | 0           | 13:36 | 0        | 3.89     | 0.080     |  |
| T013003 | JUNCTION | 0.000   | 0.132   | 0           | 13:34 | 0        | 3.89     | 0.044     |  |
| T013006 | JUNCTION | 0.013   | 0.132   | 0           | 13:33 | 0.106    | 3.89     | 0.017     |  |
| T013007 | JUNCTION | 0.032   | 0.128   | 0           | 13:32 | 0.26     | 3.79     | 0.082     |  |
| T013012 | JUNCTION | 0.021   | 0.119   | 0           | 13:31 | 0.163    | 3.54     | 0.273     |  |
| T013016 | JUNCTION | 0.048   | 0.080   | 0           | 14:00 | 0.388    | 2.42     | 0.221     |  |

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

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

| Node    | Type     | Hours<br>Surcharged | Max. Height           | Min. Depth          |
|---------|----------|---------------------|-----------------------|---------------------|
|         |          |                     | Above Crown<br>Meters | Below Rim<br>Meters |
| T009007 | JUNCTION | 48.00               | 0.000                 | 0.000               |

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Node Flooding Summary  
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No nodes were flooded.

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

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

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

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Flow Classification Summary  
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| Conduit          | Adjusted<br>/Actual<br>Length | ----- Fraction of Time in Flow Class ----- |      |      |      |      |      |      |      |       |
|------------------|-------------------------------|--------------------------------------------|------|------|------|------|------|------|------|-------|
|                  |                               | Up                                         |      | Down | Sub  | Sup  | Up   | Down | Norm | Inlet |
|                  |                               | Dry                                        | Dry  | Dry  | Crit | Crit | Crit | Crit | Ltd  | Ctrl  |
| C10              | 1.00                          | 0.00                                       | 0.27 | 0.00 | 0.73 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00  |
| C100             | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00  |
| C101             | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.95 | 0.05 | 0.00 | 0.00 | 0.94 | 0.00  |
| C103             | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| C1450_1          | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.89 | 0.00  |
| C20              | 1.00                          | 0.00                                       | 0.28 | 0.00 | 0.72 | 0.00 | 0.00 | 0.00 | 0.96 | 0.00  |
| C25              | 1.00                          | 0.00                                       | 0.08 | 0.00 | 0.91 | 0.00 | 0.00 | 0.00 | 0.97 | 0.00  |
| C45              | 1.00                          | 0.00                                       | 0.24 | 0.00 | 0.76 | 0.00 | 0.00 | 0.00 | 0.97 | 0.00  |
| C50              | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.97 | 0.00  |
| C57              | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00  |
| C70              | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.62 | 0.38 | 0.00 | 0.00 | 0.00 | 0.00  |
| C75              | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.96 | 0.00  |
| C81              | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00  |
| C86              | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.95 | 0.00  |
| C87              | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00  |
| C89              | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.09 | 0.91 | 0.00 | 0.00 | 0.00 | 0.00  |
| C91              | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00  |
| C93              | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.91 | 0.00  |
| C95              | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00  |
| C96              | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.98 | 0.02 | 0.00 | 0.00 | 0.96 | 0.00  |
| C99              | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.97 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00  |
| PUB_RD_CULVERT-A | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.67 | 0.33 | 0.00 | 0.00 | 0.00 | 0.34  |
| PUB_RD_CULVERT-B | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.08 | 0.92 | 0.00 | 0.00 | 0.00 | 0.00  |
| PUB_RD_CULVERT-C | 1.00                          | 0.01                                       | 0.00 | 0.00 | 0.97 | 0.03 | 0.00 | 0.00 | 0.00 | 0.44  |
| PUB_rd_DC01      | 1.00                          | 1.00                                       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| PUB_rd_DC02      | 1.00                          | 0.00                                       | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| PUB_rd_DC03      | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00  |
| PUB_rd_DC04      | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.45 | 0.00  |
| PUB_rd_DC06      | 1.00                          | 0.00                                       | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| PUB_rd_DC07      | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| PUB_rd_DC09      | 1.00                          | 0.00                                       | 0.24 | 0.00 | 0.76 | 0.00 | 0.00 | 0.00 | 0.44 | 0.00  |
| PUB_rd_DC11      | 1.00                          | 0.00                                       | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |
| SMC09            | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.96 | 0.00  |
| SMC10            | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.96 | 0.04 | 0.00 | 0.00 | 0.11 | 0.00  |
| SMC11            | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00  |
| SMC12            | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.63 | 0.00  |
| SMC13            | 1.00                          | 0.00                                       | 0.02 | 0.00 | 0.98 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00  |
| SMC14            | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.91 | 0.00  |
| U012001          | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.82 | 0.00  |
| U013002          | 1.00                          | 0.00                                       | 0.11 | 0.00 | 0.89 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00  |
| U013003          | 1.00                          | 0.07                                       | 0.00 | 0.00 | 0.89 | 0.04 | 0.00 | 0.00 | 0.87 | 0.00  |
| U013004          | 1.00                          | 0.01                                       | 0.00 | 0.00 | 0.97 | 0.02 | 0.00 | 0.00 | 0.85 | 0.00  |
| U013006_2        | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.89 | 0.11 | 0.00 | 0.00 | 0.89 | 0.00  |
| U013007          | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00  |
| U013008          | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.66 | 0.34 | 0.00 | 0.00 | 0.44 | 0.00  |
| U013015          | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00  |
| U013019          | 1.00                          | 0.00                                       | 0.14 | 0.00 | 0.86 | 0.00 | 0.00 | 0.00 | 0.86 | 0.00  |
| U013020          | 1.00                          | 0.04                                       | 0.00 | 0.00 | 0.58 | 0.37 | 0.00 | 0.00 | 0.00 | 0.00  |
| U013021          | 1.00                          | 0.04                                       | 0.06 | 0.00 | 0.89 | 0.00 | 0.00 | 0.00 | 0.86 | 0.00  |
| U013022          | 1.00                          | 0.09                                       | 0.00 | 0.00 | 0.54 | 0.37 | 0.00 | 0.00 | 0.01 | 0.00  |
| U013023          | 1.00                          | 0.02                                       | 0.00 | 0.00 | 0.98 | 0.00 | 0.00 | 0.00 | 0.79 | 0.00  |
| U013024          | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.00  |
| U013025          | 1.00                          | 0.00                                       | 0.07 | 0.00 | 0.90 | 0.03 | 0.00 | 0.00 | 0.43 | 0.00  |
| U013026          | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.90 | 0.10 | 0.00 | 0.00 | 0.76 | 0.00  |
| U013032          | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00  |
| U013033          | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.81 | 0.19 | 0.00 | 0.00 | 0.71 | 0.00  |
| U013034          | 1.00                          | 0.00                                       | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.38 | 0.00  |
| U013038          | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00  |
| U013044          | 1.00                          | 0.00                                       | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |

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

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Conduit Surcharge Summary  
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No conduits were surcharged.

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



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

\*\*\*\*\*  
Element Count  
\*\*\*\*\*

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

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

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Subcatchment Summary  
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| Name      | Area | Width  | %Imperv | %Slope  | Rain Gage    | Outlet  |
|-----------|------|--------|---------|---------|--------------|---------|
| G009005_1 | 2.74 | 112.89 | 7.00    | 7.6470  | 100y_103.5mm | J30     |
| G009005_2 | 1.57 | 209.97 | 7.00    | 3.6030  | 100y_103.5mm | DDJ03   |
| G012001   | 3.05 | 152.73 | 7.00    | 6.8600  | 100y_103.5mm | T012001 |
| G013006   | 0.95 | 73.90  | 7.00    | 6.1650  | 100y_103.5mm | T013006 |
| G013007   | 2.35 | 142.04 | 7.00    | 7.6700  | 100y_103.5mm | T013007 |
| G013012   | 1.45 | 146.91 | 7.00    | 6.9010  | 100y_103.5mm | T013012 |
| G013016_1 | 1.98 | 107.13 | 7.00    | 8.0160  | 100y_103.5mm | T013016 |
| G013016_2 | 1.52 | 158.50 | 7.00    | 5.9960  | 100y_103.5mm | T013016 |
| G013024   | 2.21 | 201.26 | 7.00    | 7.5560  | 100y_103.5mm | T013024 |
| G013031   | 2.38 | 208.79 | 7.00    | 8.2850  | 100y_103.5mm | T013031 |
| G013032   | 1.68 | 172.87 | 7.00    | 9.8170  | 100y_103.5mm | T013032 |
| G013033   | 2.85 | 228.75 | 7.00    | 8.4690  | 100y_103.5mm | T013033 |
| G013037   | 2.18 | 256.38 | 7.00    | 9.5500  | 100y_103.5mm | T013037 |
| G013042   | 1.40 | 109.31 | 7.00    | 9.0870  | 100y_103.5mm | T013042 |
| G013043   | 2.05 | 276.27 | 7.00    | 10.5660 | 100y_103.5mm | T013044 |
| G013045   | 1.86 | 185.18 | 7.00    | 8.5760  | 100y_103.5mm | T013045 |
| G014001   | 3.34 | 162.46 | 7.00    | 8.9080  | 100y_103.5mm | T014001 |
| G015001_1 | 1.28 | 124.61 | 7.00    | 7.3730  | 100y_103.5mm | T015001 |
| G015001_2 | 1.25 | 75.83  | 7.00    | 4.9920  | 100y_103.5mm | T015001 |
| G015003_1 | 1.59 | 125.65 | 7.00    | 8.3540  | 100y_103.5mm | T015003 |
| G015003_2 | 1.22 | 145.02 | 7.00    | 8.5290  | 100y_103.5mm | T015003 |
| G016003_1 | 1.02 | 83.26  | 7.00    | 9.0730  | 100y_103.5mm | T016003 |
| G016003_2 | 1.65 | 89.45  | 7.00    | 9.2440  | 100y_103.5mm | T016003 |
| S1        | 0.42 | 140.90 | 7.00    | 2.0000  | 100y_103.5mm | DDJ06   |
| S1_1      | 0.15 | 44.75  | 7.00    | 2.0000  | 100y_103.5mm | PDDJ09  |
| S1_10     | 0.08 | 30.92  | 7.00    | 2.0000  | 100y_103.5mm | PDDJ08  |
| S1_2      | 0.21 | 62.76  | 7.00    | 8.4310  | 100y_103.5mm | PDDJ10  |
| S1_3      | 0.73 | 78.61  | 7.00    | 2.2500  | 100y_103.5mm | J68     |
| S1_4      | 0.47 | 54.00  | 7.00    | 2.0000  | 100y_103.5mm | J67     |
| S1_5      | 0.32 | 62.94  | 7.00    | 2.5000  | 100y_103.5mm | J69     |
| S1_6      | 0.25 | 23.15  | 7.00    | 11.0340 | 100y_103.5mm | J65     |
| S1_7      | 0.44 | 70.98  | 7.00    | 2.5000  | 100y_103.5mm | 25025   |
| S1_8      | 0.23 | 25.99  | 7.00    | 2.0000  | 100y_103.5mm | J66     |
| S10       | 0.83 | 166.64 | 7.00    | 8.5600  | 100y_103.5mm | J274    |
| S101_2    | 1.02 | 114.99 | 7.00    | 5.3410  | 100y_103.5mm | DDJ04   |
| S102      | 0.87 | 76.43  | 7.00    | 9.2800  | 100y_103.5mm | DDJ05   |
| S11       | 1.12 | 99.21  | 7.00    | 5.6280  | 100y_103.5mm | J8      |
| S112      | 0.51 | 72.89  | 7.00    | 7.1560  | 100y_103.5mm | J253    |
| S113      | 0.62 | 92.70  | 7.00    | 6.1840  | 100y_103.5mm | J253    |
| S115_2    | 0.01 | 0.90   | 80.00   | 9.1880  | 100y_103.5mm | J30     |
| S130      | 0.62 | 87.35  | 7.00    | 10.8400 | 100y_103.5mm | J160    |
| S132      | 1.19 | 88.41  | 7.00    | 9.3970  | 100y_103.5mm | J152    |
| S137      | 2.16 | 101.18 | 7.00    | 9.3820  | 100y_103.5mm | J160    |
| S15_4     | 0.19 | 62.33  | 7.00    | 6.7670  | 100y_103.5mm | DDJ14   |
| S16       | 0.61 | 65.66  | 7.00    | 11.2500 | 100y_103.5mm | J14     |
| S18       | 0.54 | 86.45  | 7.00    | 8.2240  | 100y_103.5mm | J17     |
| S19       | 0.58 | 83.01  | 7.00    | 9.3820  | 100y_103.5mm | J17     |
| S2        | 0.42 | 139.80 | 7.00    | 2.0000  | 100y_103.5mm | DDJ04   |
| S2_13     | 0.02 | 53.25  | 80.00   | 2.0000  | 100y_103.5mm | S2_16   |
| S2_14     | 0.03 | 67.50  | 80.00   | 2.0000  | 100y_103.5mm | S2_16   |
| S2_15     | 0.21 | 37.14  | 7.00    | 1.0000  | 100y_103.5mm | J62     |
| S2_16     | 0.56 | 59.43  | 7.00    | 8.9160  | 100y_103.5mm | J71     |
| S2_18     | 0.15 | 61.44  | 7.00    | 12.0000 | 100y_103.5mm | PDDJ06  |
| S2_19     | 0.07 | 60.26  | 7.00    | 5.5370  | 100y_103.5mm | PDDJ04  |
| S2_20     | 0.17 | 94.07  | 7.00    | 5.0310  | 100y_103.5mm | PDDJ05  |
| S2_22     | 0.07 | 5.51   | 7.00    | 3.1210  | 100y_103.5mm | J26     |
| S2_23     | 0.32 | 56.49  | 7.00    | 3.6000  | 100y_103.5mm | J34     |
| S2_24     | 0.04 | 2.68   | 7.00    | 3.2280  | 100y_103.5mm | J60     |
| S2_25     | 0.04 | 2.76   | 7.00    | 6.8230  | 100y_103.5mm | J59     |
| S2_26     | 0.03 | 2.02   | 7.00    | 2.5570  | 100y_103.5mm | J61     |
| S2_30     | 0.03 | 74.75  | 80.00   | 2.0000  | 100y_103.5mm | S2_16   |
| S2_31     | 0.02 | 43.50  | 80.00   | 2.0000  | 100y_103.5mm | S2_16   |

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

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Node Summary  
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| Name  | Type     | Invert Elev. | Max. Depth | Ponded Area | External Inflow |
|-------|----------|--------------|------------|-------------|-----------------|
| 16017 | JUNCTION | 93.42        | 2.50       | 0.0         |                 |
| 16094 | JUNCTION | 92.18        | 1.82       | 0.0         |                 |
| 16130 | JUNCTION | 93.42        | 2.00       | 0.0         |                 |
| 25010 | JUNCTION | 94.40        | 3.00       | 0.0         |                 |
| 25025 | JUNCTION | 94.64        | 3.00       | 0.0         |                 |
| 26419 | JUNCTION | 94.00        | 1.22       | 0.0         |                 |
| 26456 | JUNCTION | 94.23        | 0.96       | 0.0         |                 |
| 26578 | JUNCTION | 95.36        | 3.00       | 0.0         |                 |
| DDJ01 | JUNCTION | 100.38       | 3.00       | 0.0         |                 |
| DDJ02 | JUNCTION | 100.03       | 0.94       | 0.0         |                 |
| DDJ03 | JUNCTION | 99.92        | 1.34       | 0.0         |                 |
| DDJ04 | JUNCTION | 99.69        | 1.35       | 0.0         |                 |
| DDJ05 | JUNCTION | 99.38        | 1.63       | 0.0         |                 |
| DDJ06 | JUNCTION | 99.22        | 1.78       | 0.0         |                 |
| DDJ07 | JUNCTION | 98.38        | 1.36       | 0.0         |                 |
| DDJ08 | JUNCTION | 98.02        | 1.41       | 0.0         |                 |
| DDJ09 | JUNCTION | 97.85        | 1.13       | 0.0         |                 |
| DDJ10 | JUNCTION | 97.69        | 1.08       | 0.0         |                 |
| DDJ11 | JUNCTION | 97.46        | 1.01       | 0.0         |                 |
| DDJ12 | JUNCTION | 97.28        | 0.94       | 0.0         |                 |
| DDJ13 | JUNCTION | 97.04        | 0.83       | 0.0         |                 |
| DDJ14 | JUNCTION | 96.27        | 2.31       | 0.0         |                 |
| J101  | JUNCTION | 99.06        | 1.00       | 0.0         |                 |
| J117  | JUNCTION | 100.45       | 1.00       | 0.0         |                 |
| J14   | JUNCTION | 92.06        | 1.50       | 0.0         |                 |
| J152  | JUNCTION | 102.59       | 1.00       | 0.0         |                 |

|         |          |        |      |     |
|---------|----------|--------|------|-----|
| J160    | JUNCTION | 103.54 | 1.00 | 0.0 |
| J17     | JUNCTION | 92.73  | 1.50 | 0.0 |
| J2      | JUNCTION | 93.50  | 1.25 | 0.0 |
| J24     | JUNCTION | 96.89  | 0.30 | 0.0 |
| J253    | JUNCTION | 102.19 | 1.00 | 0.0 |
| J259    | JUNCTION | 99.32  | 1.00 | 0.0 |
| J26     | JUNCTION | 97.92  | 0.56 | 0.0 |
| J274    | JUNCTION | 91.38  | 1.00 | 0.0 |
| J276    | JUNCTION | 96.26  | 1.00 | 0.0 |
| J28     | JUNCTION | 100.32 | 0.69 | 0.0 |
| J29     | JUNCTION | 101.05 | 0.61 | 0.0 |
| J3      | JUNCTION | 102.30 | 0.44 | 0.0 |
| J30     | JUNCTION | 101.31 | 0.76 | 0.0 |
| J31     | JUNCTION | 101.81 | 0.74 | 0.0 |
| J32     | JUNCTION | 102.07 | 0.57 | 0.0 |
| J33     | JUNCTION | 94.89  | 1.00 | 0.0 |
| J34     | JUNCTION | 102.50 | 3.00 | 0.0 |
| J35     | JUNCTION | 94.77  | 1.00 | 0.0 |
| J36     | JUNCTION | 94.52  | 1.43 | 0.0 |
| J38     | JUNCTION | 96.70  | 1.90 | 0.0 |
| J39     | JUNCTION | 97.52  | 1.25 | 0.0 |
| J43     | JUNCTION | 94.81  | 1.00 | 0.0 |
| J46     | JUNCTION | 98.24  | 0.83 | 0.0 |
| J47     | JUNCTION | 97.20  | 1.26 | 0.0 |
| J48     | JUNCTION | 98.28  | 0.82 | 0.0 |
| J49     | JUNCTION | 101.00 | 1.00 | 0.0 |
| J5      | JUNCTION | 91.80  | 3.00 | 0.0 |
| J50     | JUNCTION | 98.83  | 1.17 | 0.0 |
| J51     | JUNCTION | 98.30  | 1.57 | 0.0 |
| J52     | JUNCTION | 100.00 | 1.00 | 0.0 |
| J53     | JUNCTION | 97.11  | 0.42 | 0.0 |
| J54     | JUNCTION | 99.09  | 1.26 | 0.0 |
| J55     | JUNCTION | 98.63  | 1.37 | 0.0 |
| J56     | JUNCTION | 97.60  | 0.94 | 0.0 |
| J58     | JUNCTION | 99.58  | 1.21 | 0.0 |
| J59     | JUNCTION | 99.10  | 1.11 | 0.0 |
| J60     | JUNCTION | 98.51  | 0.81 | 0.0 |
| J61     | JUNCTION | 98.31  | 0.78 | 0.0 |
| J62     | JUNCTION | 102.00 | 1.38 | 0.0 |
| J63     | JUNCTION | 99.60  | 3.85 | 0.0 |
| J64     | JUNCTION | 97.50  | 1.00 | 0.0 |
| J65     | JUNCTION | 99.15  | 1.13 | 0.0 |
| J66     | JUNCTION | 98.40  | 1.10 | 0.0 |
| J67     | JUNCTION | 96.00  | 2.00 | 0.0 |
| J68     | JUNCTION | 94.86  | 2.14 | 0.0 |
| J69     | JUNCTION | 94.64  | 2.36 | 0.0 |
| J70     | JUNCTION | 99.46  | 1.16 | 0.0 |
| J71     | JUNCTION | 98.00  | 0.47 | 0.0 |
| J72     | JUNCTION | 97.56  | 1.40 | 0.0 |
| J73     | JUNCTION | 99.79  | 1.00 | 0.0 |
| J8      | JUNCTION | 90.51  | 1.00 | 0.0 |
| J80     | JUNCTION | 98.08  | 1.00 | 0.0 |
| J87     | JUNCTION | 99.98  | 1.07 | 0.0 |
| J88     | JUNCTION | 101.60 | 0.85 | 0.0 |
| J89     | JUNCTION | 97.65  | 0.85 | 0.0 |
| J9      | JUNCTION | 97.63  | 1.37 | 0.0 |
| J90     | JUNCTION | 102.50 | 0.30 | 0.0 |
| J92     | JUNCTION | 98.28  | 1.00 | 0.0 |
| J93     | JUNCTION | 99.20  | 1.97 | 0.0 |
| J94     | JUNCTION | 97.82  | 0.66 | 0.0 |
| PDDJ01  | JUNCTION | 96.67  | 0.49 | 0.0 |
| PDDJ02  | JUNCTION | 96.64  | 0.69 | 0.0 |
| PDDJ03  | JUNCTION | 96.61  | 0.99 | 0.0 |
| PDDJ04  | JUNCTION | 96.52  | 1.84 | 0.0 |
| PDDJ05  | JUNCTION | 96.30  | 2.90 | 0.0 |
| PDDJ06  | JUNCTION | 96.18  | 2.87 | 0.0 |
| PDDJ07  | JUNCTION | 96.05  | 0.68 | 0.0 |
| PDDJ08  | JUNCTION | 95.50  | 0.87 | 0.0 |
| PDDJ09  | JUNCTION | 95.29  | 1.05 | 0.0 |
| PDDJ10  | JUNCTION | 95.15  | 1.22 | 0.0 |
| PDDJ11  | JUNCTION | 94.30  | 0.97 | 0.0 |
| T009007 | JUNCTION | 100.64 | 0.00 | 0.0 |
| T012001 | JUNCTION | 101.00 | 0.81 | 0.0 |
| T013002 | JUNCTION | 100.64 | 2.11 | 0.0 |
| T013003 | JUNCTION | 100.81 | 1.83 | 0.0 |
| T013006 | JUNCTION | 101.35 | 1.62 | 0.0 |
| T013007 | JUNCTION | 101.66 | 1.78 | 0.0 |
| T013012 | JUNCTION | 103.47 | 1.78 | 0.0 |
| T013016 | JUNCTION | 103.45 | 1.78 | 0.0 |
| T013019 | JUNCTION | 104.45 | 2.28 | 0.0 |
| T013020 | JUNCTION | 104.78 | 2.80 | 0.0 |
| T013021 | JUNCTION | 105.12 | 2.80 | 0.0 |
| T013022 | JUNCTION | 105.45 | 1.81 | 0.0 |
| T013023 | JUNCTION | 105.79 | 0.97 | 0.0 |
| T013024 | JUNCTION | 106.12 | 1.96 | 0.0 |
| T013025 | JUNCTION | 106.29 | 1.96 | 0.0 |
| T013031 | JUNCTION | 107.32 | 1.76 | 0.0 |
| T013032 | JUNCTION | 107.71 | 1.76 | 0.0 |
| T013033 | JUNCTION | 108.26 | 1.76 | 0.0 |
| T013037 | JUNCTION | 108.54 | 1.76 | 0.0 |
| T013042 | JUNCTION | 108.52 | 1.76 | 0.0 |
| T013044 | JUNCTION | 108.53 | 1.69 | 0.0 |
| T013045 | JUNCTION | 108.54 | 1.69 | 0.0 |
| T014001 | JUNCTION | 103.48 | 1.78 | 0.0 |
| T015001 | JUNCTION | 104.54 | 1.35 | 0.0 |
| T015003 | JUNCTION | 106.14 | 1.35 | 0.0 |
| T016001 | JUNCTION | 108.62 | 1.76 | 0.0 |
| T016003 | JUNCTION | 108.77 | 1.55 | 0.0 |
| T043003 | JUNCTION | 101.17 | 1.83 | 0.0 |
| OF-A    | OUTFALL  | 91.50  | 0.70 | 0.0 |

|       |         |       |      |     |
|-------|---------|-------|------|-----|
| OF-B  | OUTFALL | 93.30 | 0.70 | 0.0 |
| OF-C  | OUTFALL | 94.15 | 0.60 | 0.0 |
| OF-EX | OUTFALL | 89.62 | 0.36 | 0.0 |
| SU1   | STORAGE | 95.50 | 3.00 | 0.0 |

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Link Summary  
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| Name          | From Node | To Node | Type    | Length | %Slope  | Roughness |
|---------------|-----------|---------|---------|--------|---------|-----------|
| AR02_HDPE450  | J61       | J46     | CONDUIT | 15.0   | 0.4681  | 0.0100    |
| AR1_HDPE600   | 25025     | J36     | CONDUIT | 17.3   | 0.6747  | 0.0120    |
| C10           | J152      | J253    | CONDUIT | 84.4   | 0.4739  | 0.0350    |
| C100          | J14       | J274    | CONDUIT | 51.1   | 1.3304  | 0.0350    |
| C101          | J274      | J8      | CONDUIT | 24.2   | 3.6035  | 0.0350    |
| C103          | J8        | OF-EX   | CONDUIT | 143.4  | 0.6208  | 0.0350    |
| C129          | J60       | J61     | CONDUIT | 36.5   | 0.5557  | 0.0350    |
| C130          | J62       | J63     | CONDUIT | 31.7   | 7.6034  | 0.0680    |
| C131          | J47       | SU1     | CONDUIT | 8.0    | 5.1568  | 0.0350    |
| C132_1        | J63       | J93     | CONDUIT | 25.2   | 1.5869  | 0.0680    |
| C132_2        | J93       | J65     | CONDUIT | 12.9   | 0.3881  | 0.0680    |
| C133          | J65       | J66     | CONDUIT | 33.3   | 2.2498  | 0.0680    |
| C134          | J66       | J67     | CONDUIT | 66.2   | 3.6274  | 0.0680    |
| C135          | J67       | J68     | CONDUIT | 56.6   | 2.0177  | 0.0680    |
| C136          | J68       | J69     | CONDUIT | 54.0   | 0.4059  | 0.0680    |
| C137          | J69       | 25025   | CONDUIT | 34.0   | 0.0088  | 0.0680    |
| C1450_1       | T015001   | T013012 | CONDUIT | 198.3  | 0.5395  | 0.0350    |
| C20           | J53       | DDJ14   | CONDUIT | 89.6   | 0.9375  | 0.0350    |
| C25_3         | J73       | J259    | CONDUIT | 57.6   | 0.8094  | 0.0350    |
| C26_1         | J90       | J3      | CONDUIT | 28.0   | 0.7217  | 0.0680    |
| C26_2         | J3        | J32     | CONDUIT | 31.4   | 0.7197  | 0.0680    |
| C26_5         | J34       | J62     | CONDUIT | 37.1   | 1.3490  | 0.0600    |
| C30           | J38       | J24     | CONDUIT | 6.1    | 22.0074 | 0.0650    |
| C30_3         | J24       | PDDJ02  | CONDUIT | 7.3    | 3.3678  | 0.0650    |
| C36           | J32       | J31     | CONDUIT | 34.6   | 0.7581  | 0.0680    |
| C45           | J160      | J253    | CONDUIT | 132.0  | 1.0225  | 0.0350    |
| C46_1         | J31       | J88     | CONDUIT | 33.7   | 0.6313  | 0.0680    |
| C46_2         | J88       | J30     | CONDUIT | 38.7   | 0.7461  | 0.0680    |
| C47           | J30       | J29     | CONDUIT | 36.1   | 0.7142  | 0.0680    |
| C50           | J29       | J28     | CONDUIT | 78.0   | 0.9316  | 0.0680    |
| C57           | J253      | J117    | CONDUIT | 158.9  | 1.0950  | 0.0350    |
| C60           | J28       | DDJ02   | CONDUIT | 26.0   | 1.1304  | 0.0680    |
| C70           | J117      | J259    | CONDUIT | 111.5  | 1.0136  | 0.0350    |
| C72           | J58       | J59     | CONDUIT | 25.5   | 1.8684  | 0.0350    |
| C75           | J259      | J101    | CONDUIT | 45.7   | 0.5694  | 0.0350    |
| C80           | J59       | J60     | CONDUIT | 28.5   | 2.0776  | 0.0350    |
| C81           | J101      | J92     | CONDUIT | 79.2   | 0.9847  | 0.0350    |
| C86           | J92       | J80     | CONDUIT | 38.0   | 0.5257  | 0.0350    |
| C87           | J80       | J64     | CONDUIT | 60.7   | 0.9559  | 0.0350    |
| C89           | J64       | J276    | CONDUIT | 56.3   | 2.2037  | 0.0350    |
| C91           | J276      | J33     | CONDUIT | 154.1  | 0.8892  | 0.0350    |
| C93           | J33       | J35     | CONDUIT | 44.1   | 0.2719  | 0.0350    |
| C95           | J35       | J43     | CONDUIT | 103.2  | -0.0388 | 0.0350    |
| C96           | J43       | J17     | CONDUIT | 109.8  | 1.8944  | 0.0350    |
| C99           | J17       | J14     | CONDUIT | 56.1   | 1.1939  | 0.0350    |
| DDC01         | DDJ01     | DDJ02   | CONDUIT | 28.0   | 1.2461  | 0.0350    |
| DDC02         | DDJ02     | DDJ03   | CONDUIT | 19.4   | 0.5767  | 0.0350    |
| DDC03         | DDJ03     | DDJ04   | CONDUIT | 61.9   | 0.3717  | 0.0350    |
| DDC04         | DDJ04     | DDJ05   | CONDUIT | 77.9   | 0.3903  | 0.0350    |
| DDC05         | DDJ05     | DDJ06   | CONDUIT | 42.2   | 0.3837  | 0.0350    |
| DDC06         | DDJ06     | DDJ07   | CONDUIT | 127.6  | 0.6625  | 0.0350    |
| DDC07         | DDJ07     | DDJ08   | CONDUIT | 62.8   | 0.5602  | 0.0350    |
| DDC08         | DDJ08     | DDJ09   | CONDUIT | 28.0   | 0.6074  | 0.0350    |
| DDC09         | DDJ09     | DDJ10   | CONDUIT | 30.4   | 0.5425  | 0.0350    |
| DDC10         | DDJ10     | DDJ11   | CONDUIT | 26.8   | 0.8441  | 0.0350    |
| DDC11         | DDJ11     | DDJ12   | CONDUIT | 23.8   | 0.7828  | 0.0350    |
| DDC12         | DDJ12     | DDJ13   | CONDUIT | 24.8   | 0.9636  | 0.0350    |
| DDC13         | DDJ13     | DDJ14   | CONDUIT | 48.9   | 1.2055  | 0.0350    |
| MDC01         | J52       | J70     | CONDUIT | 30.4   | 1.7706  | 0.0450    |
| MDC02         | J70       | J54     | CONDUIT | 21.7   | 1.7065  | 0.0450    |
| MDC03_HDPE600 | J54       | J55     | CONDUIT | 22.2   | 2.0628  | 0.0120    |
| MDC04         | J55       | J51     | CONDUIT | 14.2   | 2.3445  | 0.0450    |
| MDC05_HDPE900 | J51       | J39     | CONDUIT | 50.2   | 1.5543  | 0.0120    |
| NDC01         | J46       | J71     | CONDUIT | 8.4    | 2.8347  | 0.0350    |
| NDC02         | J71       | J26     | CONDUIT | 13.0   | 0.6634  | 0.0350    |
| NDC03         | J26       | J94     | CONDUIT | 18.8   | 0.5118  | 0.0450    |
| NDC04         | J94       | J89     | CONDUIT | 33.2   | 0.5153  | 0.0450    |
| NDC05         | J89       | J56     | CONDUIT | 14.8   | 0.3371  | 0.0450    |
| NDC06         | J56       | J39     | CONDUIT | 34.5   | 0.2319  | 0.0450    |
| NDC07         | J39       | J47     | CONDUIT | 43.9   | 0.7216  | 0.0450    |
| NDC08         | J72       | J47     | CONDUIT | 15.8   | 2.2581  | 0.0450    |
| NDC09_HDPE600 | J9        | J72     | CONDUIT | 15.8   | 0.4239  | 0.0120    |
| NDC10         | J48       | J9      | CONDUIT | 30.4   | 2.1489  | 0.0450    |
| OFA_CC700     | J5        | OF-A    | CONDUIT | 24.5   | 1.2269  | 0.0160    |
| OFB_CC700     | 16130     | OF-B    | CONDUIT | 14.1   | 0.8597  | 0.0160    |
| OFC_CC600     | 26456     | OF-C    | CONDUIT | 18.5   | 0.4320  | 0.0160    |
| PD_Is_HDPE300 | SU1       | J38     | CONDUIT | 10.0   | -8.0358 | 0.0190    |
| PDDC01        | PDDJ01    | PDDJ02  | CONDUIT | 6.2    | 0.4063  | 0.0350    |
| PDDC02        | PDDJ02    | PDDJ03  | CONDUIT | 11.6   | 0.3108  | 0.0350    |
| PDDC03        | PDDJ03    | PDDJ04  | CONDUIT | 23.5   | 0.3739  | 0.0350    |
| PDDC04        | PDDJ04    | PDDJ05  | CONDUIT | 61.2   | 0.3610  | 0.0350    |
| PDDC05        | PDDJ05    | PDDJ06  | CONDUIT | 40.2   | 0.2960  | 0.0350    |
| PDDC06        | PDDJ06    | PDDJ07  | CONDUIT | 54.3   | 0.2411  | 0.0350    |
| PDDC07        | PDDJ07    | PDDJ08  | CONDUIT | 38.4   | 1.4338  | 0.0350    |
| PDDC08        | PDDJ08    | PDDJ09  | CONDUIT | 38.2   | 0.5552  | 0.0350    |
| PDDC09        | PDDJ09    | PDDJ10  | CONDUIT | 25.3   | 0.5379  | 0.0350    |
| PDDC10        | PDDJ10    | PDDJ11  | CONDUIT | 32.9   | 2.5936  | 0.0350    |
| PUB_rd_DC01   | 26578     | 25025   | CONDUIT | 78.4   | 0.9229  | 0.0350    |
| PUB_rd_DC02   | J36       | 25010   | CONDUIT | 21.2   | 0.5671  | 0.0350    |

|             |         |         |         |       |         |        |
|-------------|---------|---------|---------|-------|---------|--------|
| PUB_rd_DC03 | 25010   | PDDJ11  | CONDUIT | 20.0  | 0.5005  | 0.0350 |
| PUB_rd_DC04 | PDDJ11  | 26456   | CONDUIT | 24.8  | 0.2823  | 0.0350 |
| PUB_rd_DC05 | 26419   | 16017   | CONDUIT | 46.7  | 1.2295  | 0.0350 |
| PUB_rd_DC06 | 16017   | 16130   | CONDUIT | 71.4  | 0.0056  | 0.0350 |
| PUB_rd_DC07 | J2      | 16130   | CONDUIT | 79.3  | 0.0996  | 0.0350 |
| PUB_rd_DC08 | 16094   | J5      | CONDUIT | 134.3 | 0.2800  | 0.0350 |
| SDC01       | J49     | J87     | CONDUIT | 33.1  | 3.0879  | 0.0450 |
| SDC02       | J87     | J50     | CONDUIT | 46.3  | 2.4850  | 0.0450 |
| SDC03       | J50     | J51     | CONDUIT | 17.9  | 2.9541  | 0.0450 |
| SMC14       | DDJ14   | 16130   | CONDUIT | 259.5 | 1.0978  | 0.0350 |
| U012001     | T012001 | DDJ03   | CONDUIT | 65.5  | 1.6540  | 0.0350 |
| U013002     | T013002 | DDJ01   | CONDUIT | 33.8  | 0.7672  | 0.0350 |
| U013003     | T013003 | T013002 | CONDUIT | 22.4  | 0.7941  | 0.0350 |
| U013004     | T043003 | T013003 | CONDUIT | 43.7  | 0.8177  | 0.0350 |
| U013006_2   | T013006 | T043003 | CONDUIT | 5.7   | 3.1238  | 0.0350 |
| U013007     | T013007 | T013006 | CONDUIT | 36.6  | 0.8478  | 0.0350 |
| U013008     | T013012 | T013007 | CONDUIT | 125.0 | 1.4481  | 0.0350 |
| U013015     | T013016 | T013012 | CONDUIT | 57.1  | -0.0350 | 0.0350 |
| U013019     | T013019 | T013016 | CONDUIT | 28.3  | 3.5419  | 0.0350 |
| U013020     | T013020 | T013019 | CONDUIT | 23.0  | 1.4552  | 0.0350 |
| U013021     | T013021 | T013020 | CONDUIT | 23.2  | 1.4391  | 0.0350 |
| U013022     | T013022 | T013021 | CONDUIT | 53.4  | 0.6253  | 0.0350 |
| U013023     | T013023 | T013022 | CONDUIT | 42.9  | 0.7765  | 0.0350 |
| U013024     | T013024 | T013023 | CONDUIT | 28.5  | 1.1722  | 0.0350 |
| U013025     | T013025 | T013024 | CONDUIT | 94.1  | 0.1817  | 0.0350 |
| U013026     | T013031 | T013025 | CONDUIT | 95.9  | 1.0726  | 0.0350 |
| U013032     | T013032 | T013031 | CONDUIT | 140.8 | 0.2771  | 0.0350 |
| U013033     | T013033 | T013032 | CONDUIT | 117.1 | 0.4695  | 0.0350 |
| U013034     | T013037 | T013033 | CONDUIT | 154.0 | 0.1818  | 0.0350 |
| U013038     | T013042 | T013037 | CONDUIT | 63.3  | -0.0316 | 0.0350 |
| U013044     | T013044 | T013042 | CONDUIT | 91.4  | 0.0109  | 0.0350 |
| U013045     | T013045 | T013044 | CONDUIT | 49.4  | 0.0202  | 0.0350 |
| U014001     | T014001 | T013012 | CONDUIT | 20.8  | 0.0482  | 0.0350 |
| U015002     | T015003 | T015001 | CONDUIT | 278.1 | 0.5752  | 0.0350 |
| U016001     | T016001 | T013037 | CONDUIT | 114.9 | 0.0670  | 0.0350 |
| U016002     | T016003 | T016001 | CONDUIT | 52.3  | 0.2928  | 0.0350 |
| OR1         | J38     | PDDJ01  | ORIFICE |       |         |        |

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

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

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Transect Summary  
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Transect 248  
Area:

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

Hrad:

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

Width:

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

Transect 257

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

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0127 | 0.0220 | 0.0268 | 0.0418 | 0.0625 |
|       | 0.0832 | 0.1057 | 0.1281 | 0.1504 | 0.1726 |
|       | 0.1947 | 0.2166 | 0.2384 | 0.2604 | 0.2824 |
|       | 0.3042 | 0.3258 | 0.3473 | 0.3687 | 0.3899 |
|       | 0.4110 | 0.4319 | 0.4528 | 0.4740 | 0.4951 |
|       | 0.5162 | 0.5378 | 0.5594 | 0.5809 | 0.6024 |
|       | 0.6239 | 0.6453 | 0.6669 | 0.6884 | 0.7098 |
|       | 0.7312 | 0.7526 | 0.7739 | 0.7952 | 0.8162 |
|       | 0.8371 | 0.8578 | 0.8785 | 0.8991 | 0.9196 |
|       | 0.9389 | 0.9582 | 0.9758 | 0.9856 | 1.0000 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.0755 | 0.2466 | 0.6479 | 0.7914 | 0.8230 |
|        | 0.8434 | 0.8478 | 0.8515 | 0.8552 | 0.8589 |
|        | 0.8629 | 0.8673 | 0.8717 | 0.8749 | 0.8776 |
|        | 0.8811 | 0.8847 | 0.8883 | 0.8922 | 0.8961 |
|        | 0.9002 | 0.9045 | 0.9086 | 0.9119 | 0.9153 |
|        | 0.9186 | 0.9207 | 0.9228 | 0.9250 | 0.9271 |
|        | 0.9293 | 0.9313 | 0.9332 | 0.9351 | 0.9369 |
|        | 0.9388 | 0.9406 | 0.9425 | 0.9443 | 0.9465 |
|        | 0.9487 | 0.9511 | 0.9534 | 0.9558 | 0.9583 |
|        | 0.9619 | 0.9656 | 0.9708 | 0.9839 | 1.0000 |

Transect 261

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0008 | 0.0049 | 0.0157 | 0.0315 | 0.0488 |
|       | 0.0664 | 0.0840 | 0.1018 | 0.1196 | 0.1376 |
|       | 0.1558 | 0.1743 | 0.1935 | 0.2136 | 0.2338 |
|       | 0.2541 | 0.2745 | 0.2950 | 0.3157 | 0.3366 |
|       | 0.3578 | 0.3791 | 0.4005 | 0.4221 | 0.4436 |
|       | 0.4652 | 0.4869 | 0.5086 | 0.5303 | 0.5521 |
|       | 0.5739 | 0.5958 | 0.6178 | 0.6398 | 0.6619 |
|       | 0.6840 | 0.7062 | 0.7284 | 0.7507 | 0.7731 |
|       | 0.7955 | 0.8179 | 0.8404 | 0.8630 | 0.8857 |
|       | 0.9084 | 0.9311 | 0.9540 | 0.9769 | 1.0000 |

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0094 | 0.0196 | 0.0284 | 0.0442 | 0.0654 |
|       | 0.0881 | 0.1110 | 0.1338 | 0.1564 | 0.1789 |
|       | 0.2007 | 0.2219 | 0.2336 | 0.2478 | 0.2699 |
|       | 0.2919 | 0.3136 | 0.3352 | 0.3555 | 0.3749 |
|       | 0.3926 | 0.4141 | 0.4355 | 0.4573 | 0.4795 |
|       | 0.5017 | 0.5238 | 0.5458 | 0.5678 | 0.5896 |
|       | 0.6110 | 0.6322 | 0.6534 | 0.6745 | 0.6959 |
|       | 0.7172 | 0.7385 | 0.7597 | 0.7809 | 0.8018 |
|       | 0.8225 | 0.8432 | 0.8638 | 0.8843 | 0.9045 |
|       | 0.9247 | 0.9447 | 0.9641 | 0.9821 | 1.0000 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.1045 | 0.3072 | 0.6073 | 0.7380 | 0.7556 |
|        | 0.7620 | 0.7661 | 0.7701 | 0.7741 | 0.7816 |
|        | 0.7945 | 0.8097 | 0.8553 | 0.8719 | 0.8762 |
|        | 0.8805 | 0.8852 | 0.8902 | 0.8979 | 0.9077 |
|        | 0.9213 | 0.9251 | 0.9289 | 0.9319 | 0.9337 |
|        | 0.9356 | 0.9374 | 0.9392 | 0.9411 | 0.9431 |
|        | 0.9458 | 0.9486 | 0.9513 | 0.9540 | 0.9562 |
|        | 0.9584 | 0.9606 | 0.9628 | 0.9650 | 0.9675 |
|        | 0.9701 | 0.9727 | 0.9752 | 0.9779 | 0.9808 |
|        | 0.9837 | 0.9866 | 0.9901 | 0.9951 | 1.0000 |

Transect 287

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

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0174 | 0.0403 | 0.0624 | 0.0700 | 0.0863 |
|       | 0.1043 | 0.1231 | 0.1412 | 0.1615 | 0.1871 |
|       | 0.2153 | 0.2428 | 0.2691 | 0.2752 | 0.3036 |
|       | 0.3286 | 0.3363 | 0.3340 | 0.3621 | 0.3777 |
|       | 0.3923 | 0.4087 | 0.4310 | 0.4572 | 0.4820 |
|       | 0.4972 | 0.5269 | 0.5566 | 0.5871 | 0.6174 |
|       | 0.6471 | 0.6655 | 0.6946 | 0.7232 | 0.7508 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.7776 | 0.8016 | 0.7850 | 0.7803 | 0.8050 |
|        | 0.8333 | 0.8613 | 0.8893 | 0.8900 | 0.9189 |
|        | 0.9497 | 0.9802 | 0.9925 | 0.9932 | 1.0000 |
|        | 0.0388 | 0.0622 | 0.1001 | 0.1472 | 0.1932 |
|        | 0.2439 | 0.2840 | 0.3062 | 0.3277 | 0.3432 |
|        | 0.3525 | 0.3629 | 0.3840 | 0.4107 | 0.4181 |
|        | 0.4292 | 0.4928 | 0.5252 | 0.5392 | 0.5788 |
|        | 0.6051 | 0.6133 | 0.6294 | 0.6481 | 0.6639 |
|        | 0.6780 | 0.6829 | 0.6894 | 0.6960 | 0.7026 |
|        | 0.7203 | 0.7310 | 0.7387 | 0.7463 | 0.7564 |
|        | 0.7833 | 0.8082 | 0.8416 | 0.8655 | 0.8768 |
|        | 0.8839 | 0.8911 | 0.9005 | 0.9100 | 0.9179 |
|        | 0.9267 | 0.9355 | 0.9539 | 0.9783 | 1.0000 |

Transect 288

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  |        |        |        |        |        |
|        | 0.0010 | 0.0041 | 0.0080 | 0.0120 | 0.0166 |
|        | 0.0221 | 0.0281 | 0.0356 | 0.0450 | 0.0559 |
|        | 0.0679 | 0.0809 | 0.0946 | 0.1096 | 0.1256 |
|        | 0.1424 | 0.1601 | 0.1785 | 0.1973 | 0.2166 |
|        | 0.2362 | 0.2562 | 0.2767 | 0.2976 | 0.3190 |
|        | 0.3408 | 0.3630 | 0.3854 | 0.4081 | 0.4313 |
|        | 0.4551 | 0.4794 | 0.5046 | 0.5303 | 0.5570 |
|        | 0.5842 | 0.6121 | 0.6408 | 0.6699 | 0.6991 |
|        | 0.7284 | 0.7581 | 0.7882 | 0.8183 | 0.8485 |
|        | 0.8787 | 0.9089 | 0.9392 | 0.9695 | 1.0000 |
| Hrad:  |        |        |        |        |        |
|        | 0.0152 | 0.0357 | 0.0624 | 0.0906 | 0.1150 |
|        | 0.1343 | 0.1474 | 0.1574 | 0.1727 | 0.1854 |
|        | 0.1964 | 0.2125 | 0.2323 | 0.2523 | 0.2716 |
|        | 0.2912 | 0.3094 | 0.3223 | 0.3397 | 0.3603 |
|        | 0.3816 | 0.4027 | 0.4234 | 0.4433 | 0.4642 |
|        | 0.4773 | 0.5019 | 0.5261 | 0.5490 | 0.5716 |
|        | 0.5843 | 0.6050 | 0.6063 | 0.6281 | 0.6415 |
|        | 0.6642 | 0.6855 | 0.7086 | 0.7021 | 0.7300 |
|        | 0.7578 | 0.7764 | 0.8003 | 0.8300 | 0.8597 |
|        | 0.8893 | 0.9189 | 0.9476 | 0.9756 | 1.0000 |
| Width: |        |        |        |        |        |
|        | 0.0712 | 0.1182 | 0.1278 | 0.1435 | 0.1608 |
|        | 0.1880 | 0.2146 | 0.2825 | 0.3407 | 0.3743 |
|        | 0.4091 | 0.4352 | 0.4718 | 0.5087 | 0.5359 |
|        | 0.5661 | 0.5886 | 0.6099 | 0.6231 | 0.6356 |
|        | 0.6484 | 0.6618 | 0.6765 | 0.6914 | 0.7048 |
|        | 0.7199 | 0.7286 | 0.7376 | 0.7480 | 0.7684 |
|        | 0.7854 | 0.8099 | 0.8356 | 0.8533 | 0.8810 |
|        | 0.8972 | 0.9292 | 0.9437 | 0.9542 | 0.9578 |
|        | 0.9614 | 0.9781 | 0.9849 | 0.9860 | 0.9870 |
|        | 0.9881 | 0.9891 | 0.9911 | 0.9938 | 1.0000 |

Transect 293

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  |        |        |        |        |        |
|        | 0.0002 | 0.0017 | 0.0076 | 0.0180 | 0.0315 |
|        | 0.0464 | 0.0618 | 0.0777 | 0.0941 | 0.1106 |
|        | 0.1274 | 0.1444 | 0.1616 | 0.1788 | 0.1961 |
|        | 0.2134 | 0.2308 | 0.2482 | 0.2657 | 0.2835 |
|        | 0.3019 | 0.3211 | 0.3410 | 0.3615 | 0.3822 |
|        | 0.4035 | 0.4256 | 0.4481 | 0.4709 | 0.4941 |
|        | 0.5176 | 0.5414 | 0.5655 | 0.5897 | 0.6140 |
|        | 0.6384 | 0.6629 | 0.6876 | 0.7125 | 0.7379 |
|        | 0.7633 | 0.7888 | 0.8144 | 0.8401 | 0.8661 |
|        | 0.8925 | 0.9193 | 0.9461 | 0.9730 | 1.0000 |
| Hrad:  |        |        |        |        |        |
|        | 0.0122 | 0.0174 | 0.0286 | 0.0426 | 0.0596 |
|        | 0.0841 | 0.1083 | 0.1314 | 0.1552 | 0.1800 |
|        | 0.2047 | 0.2290 | 0.2554 | 0.2816 | 0.3078 |
|        | 0.3339 | 0.3599 | 0.3859 | 0.4116 | 0.4365 |
|        | 0.4603 | 0.4522 | 0.4721 | 0.4782 | 0.4958 |
|        | 0.5115 | 0.5194 | 0.5446 | 0.5692 | 0.5932 |
|        | 0.5929 | 0.6124 | 0.6356 | 0.6601 | 0.6832 |
|        | 0.7072 | 0.7314 | 0.7553 | 0.7635 | 0.7873 |
|        | 0.8113 | 0.8358 | 0.8602 | 0.8838 | 0.9065 |
|        | 0.9044 | 0.9287 | 0.9532 | 0.9771 | 1.0000 |
| Width: |        |        |        |        |        |
|        | 0.0201 | 0.1337 | 0.2971 | 0.4551 | 0.5431 |
|        | 0.5612 | 0.5780 | 0.5961 | 0.6082 | 0.6168 |
|        | 0.6247 | 0.6328 | 0.6349 | 0.6370 | 0.6391 |
|        | 0.6411 | 0.6430 | 0.6450 | 0.6525 | 0.6634 |
|        | 0.6964 | 0.7225 | 0.7489 | 0.7581 | 0.7730 |
|        | 0.8025 | 0.8218 | 0.8377 | 0.8487 | 0.8649 |
|        | 0.8755 | 0.8866 | 0.8920 | 0.8954 | 0.9007 |
|        | 0.9046 | 0.9081 | 0.9118 | 0.9347 | 0.9386 |
|        | 0.9420 | 0.9449 | 0.9477 | 0.9514 | 0.9687 |
|        | 0.9875 | 0.9903 | 0.9928 | 0.9960 | 1.0000 |

Transect 295

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: |        |        |        |        |        |
|       | 0.0003 | 0.0010 | 0.0019 | 0.0030 | 0.0042 |
|       | 0.0056 | 0.0069 | 0.0084 | 0.0100 | 0.0117 |
|       | 0.0135 | 0.0155 | 0.0190 | 0.0252 | 0.0351 |
|       | 0.0484 | 0.0646 | 0.0820 | 0.1003 | 0.1191 |
|       | 0.1385 | 0.1583 | 0.1787 | 0.1995 | 0.2207 |
|       | 0.2424 | 0.2646 | 0.2869 | 0.3101 | 0.3335 |
|       | 0.3572 | 0.3810 | 0.4053 | 0.4311 | 0.4591 |
|       | 0.4887 | 0.5195 | 0.5513 | 0.5851 | 0.6198 |
|       | 0.6554 | 0.6919 | 0.7293 | 0.7673 | 0.8055 |
|       | 0.8439 | 0.8826 | 0.9215 | 0.9606 | 1.0000 |
| Hrad: |        |        |        |        |        |
|       | 0.0211 | 0.0474 | 0.0750 | 0.1022 | 0.1327 |
|       | 0.1618 | 0.1896 | 0.2165 | 0.2421 | 0.2666 |
|       | 0.2906 | 0.3103 | 0.3012 | 0.2603 | 0.2014 |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
| Width:       | 0.1965 | 0.2057 | 0.2230 | 0.2483 | 0.2749 |
|              | 0.3032 | 0.3311 | 0.3443 | 0.3772 | 0.4068 |
|              | 0.4361 | 0.4694 | 0.5028 | 0.5239 | 0.5590 |
|              | 0.5943 | 0.6263 | 0.6511 | 0.6805 | 0.6970 |
|              | 0.7239 | 0.7510 | 0.7757 | 0.7070 | 0.7411 |
|              | 0.7726 | 0.8025 | 0.7645 | 0.7946 | 0.8302 |
|              | 0.8655 | 0.8985 | 0.9321 | 0.9655 | 1.0000 |
|              | 0.0138 | 0.0211 | 0.0257 | 0.0296 | 0.0319 |
|              | 0.0343 | 0.0366 | 0.0389 | 0.0413 | 0.0438 |
|              | 0.0463 | 0.0592 | 0.1186 | 0.1969 | 0.3025 |
| Transect 297 | 0.3850 | 0.4315 | 0.4577 | 0.4699 | 0.4830 |
|              | 0.4954 | 0.5102 | 0.5230 | 0.5313 | 0.5434 |
|              | 0.5560 | 0.5635 | 0.5706 | 0.5917 | 0.5966 |
|              | 0.6009 | 0.6083 | 0.6272 | 0.6747 | 0.7351 |
|              | 0.7626 | 0.7934 | 0.8281 | 0.8739 | 0.8887 |
|              | 0.9079 | 0.9393 | 0.9541 | 0.9657 | 0.9703 |
|              | 0.9751 | 0.9822 | 0.9885 | 0.9949 | 1.0000 |
|              | 0.0003 | 0.0012 | 0.0025 | 0.0040 | 0.0056 |
|              | 0.0084 | 0.0120 | 0.0159 | 0.0200 | 0.0249 |
|              | 0.0313 | 0.0386 | 0.0469 | 0.0565 | 0.0668 |
| Area:        | 0.0778 | 0.0900 | 0.1032 | 0.1195 | 0.1387 |
|              | 0.1595 | 0.1808 | 0.2027 | 0.2253 | 0.2481 |
|              | 0.2714 | 0.2950 | 0.3189 | 0.3435 | 0.3692 |
|              | 0.3961 | 0.4243 | 0.4536 | 0.4832 | 0.5135 |
|              | 0.5445 | 0.5759 | 0.6077 | 0.6400 | 0.6723 |
|              | 0.7046 | 0.7371 | 0.7697 | 0.8025 | 0.8353 |
|              | 0.8682 | 0.9010 | 0.9340 | 0.9670 | 1.0000 |
|              | 0.0210 | 0.0338 | 0.0615 | 0.0872 | 0.1125 |
|              | 0.0821 | 0.1107 | 0.1387 | 0.1656 | 0.1848 |
|              | 0.1868 | 0.2053 | 0.2169 | 0.2088 | 0.2319 |
| Hrad:        | 0.2502 | 0.2638 | 0.2868 | 0.3016 | 0.3125 |
|              | 0.3199 | 0.3376 | 0.3557 | 0.3394 | 0.3683 |
|              | 0.3942 | 0.4227 | 0.4496 | 0.4683 | 0.4932 |
|              | 0.5153 | 0.5361 | 0.5195 | 0.5481 | 0.5728 |
|              | 0.5993 | 0.6271 | 0.6498 | 0.6594 | 0.6909 |
|              | 0.7226 | 0.7542 | 0.7812 | 0.8128 | 0.8449 |
|              | 0.8770 | 0.9091 | 0.9407 | 0.9721 | 1.0000 |
|              | 0.0130 | 0.0367 | 0.0414 | 0.0458 | 0.0582 |
|              | 0.1068 | 0.1141 | 0.1201 | 0.1271 | 0.1706 |
|              | 0.2122 | 0.2290 | 0.2743 | 0.3010 | 0.3178 |
| Width:       | 0.3550 | 0.3772 | 0.4301 | 0.5442 | 0.6067 |
|              | 0.6343 | 0.6511 | 0.6704 | 0.6844 | 0.6929 |
|              | 0.7066 | 0.7157 | 0.7272 | 0.7583 | 0.7983 |
|              | 0.8248 | 0.8727 | 0.8866 | 0.9028 | 0.9286 |
|              | 0.9365 | 0.9548 | 0.9672 | 0.9722 | 0.9745 |
|              | 0.9765 | 0.9784 | 0.9865 | 0.9883 | 0.9894 |
|              | 0.9905 | 0.9916 | 0.9931 | 0.9948 | 1.0000 |
|              | 0.0012 | 0.0034 | 0.0066 | 0.0105 | 0.0152 |
|              | 0.0213 | 0.0281 | 0.0355 | 0.0439 | 0.0533 |
|              | 0.0647 | 0.0768 | 0.0897 | 0.1033 | 0.1182 |
| Transect 299 | 0.1342 | 0.1506 | 0.1678 | 0.1853 | 0.2031 |
|              | 0.2211 | 0.2392 | 0.2578 | 0.2769 | 0.2961 |
|              | 0.3155 | 0.3352 | 0.3552 | 0.3764 | 0.3984 |
|              | 0.4209 | 0.4439 | 0.4675 | 0.4916 | 0.5163 |
|              | 0.5415 | 0.5678 | 0.5961 | 0.6271 | 0.6596 |
|              | 0.6925 | 0.7257 | 0.7592 | 0.7930 | 0.8271 |
|              | 0.8615 | 0.8959 | 0.9304 | 0.9650 | 1.0000 |
|              | 0.0242 | 0.0503 | 0.0648 | 0.0936 | 0.1047 |
|              | 0.1163 | 0.1443 | 0.1697 | 0.1867 | 0.1934 |
|              | 0.1940 | 0.2191 | 0.2371 | 0.2672 | 0.2672 |
| Hrad:        | 0.2946 | 0.3210 | 0.3428 | 0.3737 | 0.4051 |
|              | 0.4362 | 0.4670 | 0.4970 | 0.5137 | 0.5459 |
|              | 0.5756 | 0.6023 | 0.6299 | 0.6304 | 0.6575 |
|              | 0.6840 | 0.7094 | 0.7310 | 0.7536 | 0.7783 |
|              | 0.8023 | 0.8189 | 0.8270 | 0.7493 | 0.7678 |
|              | 0.7962 | 0.8250 | 0.8540 | 0.8295 | 0.8543 |
|              | 0.8870 | 0.9207 | 0.9545 | 0.9882 | 1.0000 |
|              | 0.0555 | 0.0731 | 0.1023 | 0.1203 | 0.1465 |
|              | 0.1846 | 0.2006 | 0.2183 | 0.2488 | 0.2908 |
|              | 0.3354 | 0.3527 | 0.3805 | 0.3890 | 0.4448 |
| Width:       | 0.4581 | 0.4719 | 0.4924 | 0.4989 | 0.5043 |
|              | 0.5097 | 0.5160 | 0.5317 | 0.5420 | 0.5455 |
|              | 0.5512 | 0.5597 | 0.5715 | 0.6152 | 0.6280 |
|              | 0.6421 | 0.6562 | 0.6732 | 0.6900 | 0.7031 |
|              | 0.7240 | 0.7646 | 0.8355 | 0.9069 | 0.9248 |
|              | 0.9340 | 0.9416 | 0.9482 | 0.9573 | 0.9693 |
|              | 0.9721 | 0.9737 | 0.9752 | 0.9787 | 1.0000 |
|              | 0.0002 | 0.0016 | 0.0049 | 0.0095 | 0.0159 |
|              | 0.0235 | 0.0316 | 0.0402 | 0.0492 | 0.0594 |
|              | 0.0709 | 0.0849 | 0.0998 | 0.1151 | 0.1306 |
| Transect 300 | 0.1464 | 0.1626 | 0.1791 | 0.1963 | 0.2145 |
|              | 0.2332 | 0.2525 | 0.2725 | 0.2931 | 0.3149 |
|              | 0.3386 | 0.3632 | 0.3885 | 0.4140 | 0.4399 |
|              | 0.4661 | 0.4924 | 0.5190 | 0.5456 | 0.5723 |
|              | 0.5991 | 0.6260 | 0.6532 | 0.6806 | 0.7081 |
|              | 0.7357 | 0.7633 | 0.7912 | 0.8195 | 0.8480 |
|              | 0.8769 | 0.9065 | 0.9369 | 0.9680 | 1.0000 |
|              | 0.0002 | 0.0016 | 0.0049 | 0.0095 | 0.0159 |
|              | 0.0235 | 0.0316 | 0.0402 | 0.0492 | 0.0594 |
|              | 0.0709 | 0.0849 | 0.0998 | 0.1151 | 0.1306 |
| Area:        | 0.1464 | 0.1626 | 0.1791 | 0.1963 | 0.2145 |
|              | 0.2332 | 0.2525 | 0.2725 | 0.2931 | 0.3149 |
|              | 0.3386 | 0.3632 | 0.3885 | 0.4140 | 0.4399 |
|              | 0.4661 | 0.4924 | 0.5190 | 0.5456 | 0.5723 |
|              | 0.5991 | 0.6260 | 0.6532 | 0.6806 | 0.7081 |
|              | 0.7357 | 0.7633 | 0.7912 | 0.8195 | 0.8480 |
|              | 0.8769 | 0.9065 | 0.9369 | 0.9680 | 1.0000 |
|              | 0.0002 | 0.0016 | 0.0049 | 0.0095 | 0.0159 |
|              | 0.0235 | 0.0316 | 0.0402 | 0.0492 | 0.0594 |
|              | 0.0709 | 0.0849 | 0.0998 | 0.1151 | 0.1306 |

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

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

Transect 301

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

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

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

Transect 304

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0002 | 0.0013 | 0.0029 | 0.0049 | 0.0072 |
|       | 0.0100 | 0.0131 | 0.0167 | 0.0209 | 0.0261 |
|       | 0.0327 | 0.0401 | 0.0483 | 0.0577 | 0.0681 |
|       | 0.0797 | 0.0920 | 0.1048 | 0.1185 | 0.1340 |
|       | 0.1515 | 0.1710 | 0.1921 | 0.2151 | 0.2395 |
|       | 0.2644 | 0.2898 | 0.3163 | 0.3438 | 0.3721 |
|       | 0.4009 | 0.4303 | 0.4603 | 0.4905 | 0.5209 |
|       | 0.5515 | 0.5825 | 0.6136 | 0.6449 | 0.6763 |
|       | 0.7079 | 0.7396 | 0.7716 | 0.8036 | 0.8359 |
|       | 0.8683 | 0.9009 | 0.9338 | 0.9668 | 1.0000 |

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0134 | 0.0290 | 0.0533 | 0.0776 | 0.0918 |
|       | 0.1125 | 0.1349 | 0.1442 | 0.1657 | 0.1587 |
|       | 0.1521 | 0.1791 | 0.2024 | 0.2036 | 0.2252 |
|       | 0.2475 | 0.2700 | 0.2807 | 0.3006 | 0.3202 |
|       | 0.3352 | 0.3479 | 0.3618 | 0.3295 | 0.3253 |
|       | 0.3553 | 0.3835 | 0.4081 | 0.4328 | 0.4586 |
|       | 0.4601 | 0.4883 | 0.5113 | 0.5412 | 0.5716 |
|       | 0.5975 | 0.6273 | 0.6581 | 0.6883 | 0.7178 |
|       | 0.7467 | 0.7756 | 0.8058 | 0.8349 | 0.8635 |
|       | 0.8927 | 0.9192 | 0.9462 | 0.9755 | 1.0000 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.0185 | 0.0446 | 0.0548 | 0.0631 | 0.0784 |
|        | 0.0891 | 0.0975 | 0.1163 | 0.1360 | 0.1732 |
|        | 0.2156 | 0.2243 | 0.2644 | 0.2941 | 0.3339 |
|        | 0.3574 | 0.3747 | 0.3932 | 0.4417 | 0.4959 |
|        | 0.5548 | 0.6122 | 0.6577 | 0.7166 | 0.7384 |
|        | 0.7542 | 0.7712 | 0.8118 | 0.8365 | 0.8536 |
|        | 0.8737 | 0.8904 | 0.9025 | 0.9085 | 0.9134 |
|        | 0.9250 | 0.9305 | 0.9342 | 0.9385 | 0.9436 |
|        | 0.9493 | 0.9548 | 0.9585 | 0.9634 | 0.9688 |
|        | 0.9732 | 0.9806 | 0.9871 | 0.9912 | 1.0000 |

Transect 311

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0002 | 0.0013 | 0.0029 | 0.0049 | 0.0072 |
|       | 0.0100 | 0.0131 | 0.0167 | 0.0209 | 0.0261 |
|       | 0.0327 | 0.0401 | 0.0483 | 0.0577 | 0.0681 |
|       | 0.0797 | 0.0920 | 0.1048 | 0.1185 | 0.1340 |
|       | 0.1515 | 0.1710 | 0.1921 | 0.2151 | 0.2395 |
|       | 0.2644 | 0.2898 | 0.3163 | 0.3438 | 0.3721 |
|       |        |        |        |        |        |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
| Hrad:        | 0.4009 | 0.4303 | 0.4603 | 0.4905 | 0.5209 |
|              | 0.5515 | 0.5825 | 0.6136 | 0.6449 | 0.6763 |
|              | 0.7079 | 0.7396 | 0.7716 | 0.8036 | 0.8359 |
|              | 0.8683 | 0.9009 | 0.9338 | 0.9668 | 1.0000 |
|              | 0.0134 | 0.0290 | 0.0533 | 0.0776 | 0.0918 |
|              | 0.1125 | 0.1349 | 0.1442 | 0.1657 | 0.1587 |
|              | 0.1521 | 0.1791 | 0.2024 | 0.2036 | 0.2252 |
|              | 0.2475 | 0.2700 | 0.2807 | 0.3006 | 0.3202 |
|              | 0.3352 | 0.3479 | 0.3618 | 0.3295 | 0.3253 |
|              | 0.3553 | 0.3835 | 0.4081 | 0.4328 | 0.4586 |
| Width:       | 0.4601 | 0.4883 | 0.5113 | 0.5412 | 0.5716 |
|              | 0.5975 | 0.6273 | 0.6581 | 0.6883 | 0.7178 |
|              | 0.7467 | 0.7756 | 0.8058 | 0.8349 | 0.8635 |
|              | 0.8927 | 0.9192 | 0.9462 | 0.9755 | 1.0000 |
|              | 0.0185 | 0.0446 | 0.0548 | 0.0631 | 0.0784 |
|              | 0.0891 | 0.0975 | 0.1163 | 0.1360 | 0.1732 |
|              | 0.2156 | 0.2243 | 0.2644 | 0.2941 | 0.3339 |
|              | 0.3574 | 0.3747 | 0.3932 | 0.4417 | 0.4959 |
|              | 0.5548 | 0.6122 | 0.6577 | 0.7166 | 0.7384 |
|              | 0.7542 | 0.7712 | 0.8118 | 0.8365 | 0.8536 |
| Transect 319 |        |        |        |        |        |
| Area:        | 0.0012 | 0.0045 | 0.0089 | 0.0142 | 0.0200 |
|              | 0.0265 | 0.0345 | 0.0436 | 0.0539 | 0.0650 |
|              | 0.0765 | 0.0885 | 0.1010 | 0.1141 | 0.1278 |
|              | 0.1418 | 0.1564 | 0.1714 | 0.1868 | 0.2027 |
|              | 0.2191 | 0.2361 | 0.2535 | 0.2714 | 0.2897 |
|              | 0.3085 | 0.3278 | 0.3476 | 0.3679 | 0.3893 |
|              | 0.4124 | 0.4361 | 0.4608 | 0.4862 | 0.5123 |
|              | 0.5391 | 0.5667 | 0.5951 | 0.6242 | 0.6542 |
|              | 0.6858 | 0.7185 | 0.7518 | 0.7856 | 0.8198 |
|              | 0.8544 | 0.8893 | 0.9252 | 0.9621 | 1.0000 |
| Hrad:        | 0.0186 | 0.0448 | 0.0711 | 0.0997 | 0.1271 |
|              | 0.1351 | 0.1555 | 0.1745 | 0.1941 | 0.2229 |
|              | 0.2529 | 0.2817 | 0.3046 | 0.3313 | 0.3582 |
|              | 0.3854 | 0.4116 | 0.4370 | 0.4624 | 0.4868 |
|              | 0.5113 | 0.5335 | 0.5573 | 0.5806 | 0.6063 |
|              | 0.6301 | 0.6509 | 0.6737 | 0.6944 | 0.6639 |
|              | 0.6837 | 0.7004 | 0.7141 | 0.7330 | 0.7507 |
|              | 0.7718 | 0.7853 | 0.8030 | 0.8234 | 0.8206 |
|              | 0.8284 | 0.8441 | 0.8703 | 0.8957 | 0.9245 |
|              | 0.9538 | 0.9838 | 0.9803 | 0.9995 | 1.0000 |
| Width:       | 0.0645 | 0.1000 | 0.1258 | 0.1424 | 0.1574 |
|              | 0.1966 | 0.2225 | 0.2508 | 0.2783 | 0.2922 |
|              | 0.3032 | 0.3148 | 0.3323 | 0.3453 | 0.3574 |
|              | 0.3688 | 0.3807 | 0.3930 | 0.4048 | 0.4173 |
|              | 0.4295 | 0.4434 | 0.4557 | 0.4684 | 0.4789 |
|              | 0.4906 | 0.5046 | 0.5170 | 0.5308 | 0.5875 |
|              | 0.6044 | 0.6239 | 0.6465 | 0.6646 | 0.6838 |
|              | 0.6999 | 0.7231 | 0.7427 | 0.7597 | 0.7989 |
|              | 0.8297 | 0.8530 | 0.8656 | 0.8785 | 0.8880 |
|              | 0.8967 | 0.9046 | 0.9443 | 0.9628 | 1.0000 |
| Transect 320 |        |        |        |        |        |
| Area:        | 0.0007 | 0.0025 | 0.0053 | 0.0086 | 0.0123 |
|              | 0.0165 | 0.0214 | 0.0268 | 0.0328 | 0.0395 |
|              | 0.0467 | 0.0546 | 0.0632 | 0.0723 | 0.0817 |
|              | 0.0913 | 0.1012 | 0.1113 | 0.1218 | 0.1340 |
|              | 0.1473 | 0.1613 | 0.1766 | 0.1942 | 0.2129 |
|              | 0.2326 | 0.2531 | 0.2743 | 0.2968 | 0.3206 |
|              | 0.3456 | 0.3720 | 0.3991 | 0.4277 | 0.4577 |
|              | 0.4883 | 0.5195 | 0.5514 | 0.5840 | 0.6174 |
|              | 0.6515 | 0.6870 | 0.7241 | 0.7620 | 0.8004 |
|              | 0.8393 | 0.8785 | 0.9181 | 0.9582 | 1.0000 |
| Hrad:        | 0.0209 | 0.0430 | 0.0724 | 0.1010 | 0.1301 |
|              | 0.1533 | 0.1719 | 0.1956 | 0.2171 | 0.2366 |
|              | 0.2598 | 0.2732 | 0.2956 | 0.3258 | 0.3583 |
|              | 0.3906 | 0.4217 | 0.4504 | 0.4718 | 0.4310 |
|              | 0.4482 | 0.4672 | 0.4771 | 0.4546 | 0.4786 |
|              | 0.5004 | 0.5267 | 0.5544 | 0.5576 | 0.5757 |
|              | 0.5951 | 0.5776 | 0.6080 | 0.6038 | 0.6298 |
|              | 0.6586 | 0.6875 | 0.7119 | 0.7396 | 0.7612 |
|              | 0.7890 | 0.7786 | 0.8059 | 0.8305 | 0.8627 |
|              | 0.8969 | 0.9295 | 0.9622 | 0.9926 | 1.0000 |
| Width:       | 0.0304 | 0.0568 | 0.0705 | 0.0821 | 0.0916 |
|              | 0.1042 | 0.1202 | 0.1325 | 0.1461 | 0.1613 |
|              | 0.1738 | 0.1930 | 0.2066 | 0.2144 | 0.2203 |
|              | 0.2258 | 0.2318 | 0.2388 | 0.2495 | 0.3003 |
|              | 0.3174 | 0.3336 | 0.3890 | 0.4223 | 0.4439 |
|              | 0.4657 | 0.4834 | 0.5012 | 0.5405 | 0.5675 |
|              | 0.5938 | 0.6222 | 0.6351 | 0.6843 | 0.7020 |
|              | 0.7163 | 0.7300 | 0.7482 | 0.7628 | 0.7836 |
|              | 0.7977 | 0.8524 | 0.8681 | 0.8863 | 0.8963 |
|              | 0.9040 | 0.9131 | 0.9218 | 0.9433 | 1.0000 |
| Transect 321 |        |        |        |        |        |
| Area:        | 0.0006 | 0.0017 | 0.0034 | 0.0058 | 0.0087 |
|              | 0.0121 | 0.0158 | 0.0199 | 0.0253 | 0.0312 |

|               |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|
| Hrad:         | 0.0374 | 0.0447 | 0.0531 | 0.0624 | 0.0727 |
|               | 0.0844 | 0.0979 | 0.1129 | 0.1289 | 0.1458 |
|               | 0.1636 | 0.1828 | 0.2030 | 0.2243 | 0.2464 |
|               | 0.2701 | 0.2954 | 0.3220 | 0.3495 | 0.3776 |
|               | 0.4062 | 0.4351 | 0.4646 | 0.4946 | 0.5250 |
|               | 0.5557 | 0.5865 | 0.6174 | 0.6484 | 0.6797 |
|               | 0.7111 | 0.7427 | 0.7743 | 0.8061 | 0.8381 |
|               | 0.8701 | 0.9023 | 0.9347 | 0.9672 | 1.0000 |
|               | 0.0234 | 0.0436 | 0.0529 | 0.0702 | 0.0910 |
|               | 0.1130 | 0.1344 | 0.1378 | 0.1472 | 0.1715 |
| Width:        | 0.1939 | 0.2123 | 0.2278 | 0.2437 | 0.2581 |
|               | 0.2668 | 0.2705 | 0.2804 | 0.2918 | 0.3096 |
|               | 0.3222 | 0.3401 | 0.3506 | 0.3668 | 0.3837 |
|               | 0.3735 | 0.3846 | 0.3893 | 0.4162 | 0.4393 |
|               | 0.4667 | 0.4927 | 0.5159 | 0.5398 | 0.5668 |
|               | 0.5972 | 0.6275 | 0.6575 | 0.6866 | 0.7154 |
|               | 0.7449 | 0.7744 | 0.8041 | 0.8338 | 0.8633 |
|               | 0.8923 | 0.9204 | 0.9477 | 0.9750 | 1.0000 |
|               | 0.0265 | 0.0385 | 0.0638 | 0.0824 | 0.0961 |
|               | 0.1072 | 0.1177 | 0.1451 | 0.1728 | 0.1824 |
| Transect A100 | 0.2042 | 0.2392 | 0.2690 | 0.2977 | 0.3326 |
|               | 0.3764 | 0.4368 | 0.4715 | 0.5006 | 0.5252 |
|               | 0.5698 | 0.5963 | 0.6329 | 0.6599 | 0.6835 |
|               | 0.7491 | 0.7885 | 0.8301 | 0.8428 | 0.8626 |
|               | 0.8733 | 0.8861 | 0.9037 | 0.9194 | 0.9296 |
|               | 0.9335 | 0.9374 | 0.9416 | 0.9468 | 0.9522 |
|               | 0.9566 | 0.9607 | 0.9644 | 0.9681 | 0.9718 |
|               | 0.9760 | 0.9809 | 0.9867 | 0.9923 | 1.0000 |
|               | 0.0007 | 0.0026 | 0.0059 | 0.0106 | 0.0160 |
|               | 0.0221 | 0.0289 | 0.0363 | 0.0445 | 0.0535 |
| Area:         | 0.0633 | 0.0739 | 0.0849 | 0.0963 | 0.1084 |
|               | 0.1218 | 0.1376 | 0.1555 | 0.1742 | 0.1936 |
|               | 0.2135 | 0.2339 | 0.2548 | 0.2761 | 0.2979 |
|               | 0.3201 | 0.3428 | 0.3659 | 0.3895 | 0.4134 |
|               | 0.4378 | 0.4625 | 0.4877 | 0.5133 | 0.5393 |
|               | 0.5657 | 0.5926 | 0.6201 | 0.6480 | 0.6765 |
|               | 0.7055 | 0.7350 | 0.7650 | 0.7956 | 0.8267 |
|               | 0.8583 | 0.8909 | 0.9248 | 0.9606 | 1.0000 |
|               | 0.0204 | 0.0408 | 0.0612 | 0.0838 | 0.1127 |
|               | 0.1399 | 0.1657 | 0.1907 | 0.2114 | 0.2314 |
| Hrad:         | 0.2515 | 0.2783 | 0.3090 | 0.3360 | 0.3527 |
|               | 0.3681 | 0.3790 | 0.3454 | 0.3711 | 0.4013 |
|               | 0.4315 | 0.4614 | 0.4916 | 0.5213 | 0.5507 |
|               | 0.5797 | 0.6087 | 0.6383 | 0.6675 | 0.6965 |
|               | 0.7251 | 0.7534 | 0.7815 | 0.8094 | 0.8367 |
|               | 0.8626 | 0.8863 | 0.9100 | 0.9335 | 0.9570 |
|               | 0.9803 | 1.0035 | 1.0262 | 1.0485 | 1.0708 |
|               | 1.0916 | 1.0909 | 1.0916 | 1.0530 | 1.0000 |
|               | 0.0325 | 0.0650 | 0.0975 | 0.1263 | 0.1424 |
|               | 0.1586 | 0.1748 | 0.1909 | 0.2108 | 0.2315 |
| Width:        | 0.2522 | 0.2659 | 0.2751 | 0.2868 | 0.3075 |
|               | 0.3589 | 0.4202 | 0.4509 | 0.4702 | 0.4832 |
|               | 0.4956 | 0.5076 | 0.5189 | 0.5302 | 0.5415 |
|               | 0.5528 | 0.5636 | 0.5737 | 0.5838 | 0.5939 |
|               | 0.6039 | 0.6140 | 0.6241 | 0.6342 | 0.6445 |
|               | 0.6557 | 0.6685 | 0.6812 | 0.6940 | 0.7067 |
|               | 0.7194 | 0.7322 | 0.7452 | 0.7585 | 0.7717 |
|               | 0.7860 | 0.8165 | 0.8509 | 0.9279 | 1.0000 |
|               | 0.0010 | 0.0042 | 0.0091 | 0.0150 | 0.0217 |
|               | 0.0292 | 0.0372 | 0.0457 | 0.0547 | 0.0642 |
| Transect A101 | 0.0743 | 0.0848 | 0.0958 | 0.1072 | 0.1192 |
|               | 0.1315 | 0.1444 | 0.1577 | 0.1714 | 0.1856 |
|               | 0.2001 | 0.2149 | 0.2301 | 0.2457 | 0.2617 |
|               | 0.2780 | 0.2947 | 0.3118 | 0.3292 | 0.3470 |
|               | 0.3652 | 0.3838 | 0.4027 | 0.4227 | 0.4461 |
|               | 0.4746 | 0.5042 | 0.5339 | 0.5639 | 0.5947 |
|               | 0.6273 | 0.6618 | 0.6985 | 0.7394 | 0.7812 |
|               | 0.8237 | 0.8669 | 0.9106 | 0.9550 | 1.0000 |
|               | 0.0228 | 0.0456 | 0.0760 | 0.1086 | 0.1390 |
|               | 0.1705 | 0.2041 | 0.2364 | 0.2677 | 0.2980 |
| Hrad:         | 0.3276 | 0.3565 | 0.3860 | 0.4150 | 0.4435 |
|               | 0.4716 | 0.4992 | 0.5265 | 0.5534 | 0.5845 |
|               | 0.6164 | 0.6454 | 0.6742 | 0.7026 | 0.7307 |
|               | 0.7586 | 0.7862 | 0.8136 | 0.8408 | 0.8677 |
|               | 0.8945 | 0.9211 | 0.9461 | 0.9483 | 0.9238 |
|               | 0.7291 | 0.7686 | 0.8077 | 0.8467 | 0.8841 |
|               | 0.9183 | 0.9499 | 0.9613 | 0.8062 | 0.8385 |
|               | 0.8706 | 0.9033 | 0.9358 | 0.9680 | 1.0000 |
|               | 0.0462 | 0.0923 | 0.1208 | 0.1387 | 0.1567 |
|               | 0.1716 | 0.1826 | 0.1936 | 0.2047 | 0.2157 |
| Width:        | 0.2267 | 0.2378 | 0.2479 | 0.2581 | 0.2682 |
|               | 0.2784 | 0.2886 | 0.2987 | 0.3089 | 0.3165 |
|               | 0.3234 | 0.3316 | 0.3399 | 0.3481 | 0.3563 |
|               | 0.3646 | 0.3728 | 0.3810 | 0.3893 | 0.3975 |
|               | 0.4057 | 0.4140 | 0.4228 | 0.4703 | 0.5891 |
|               | 0.6494 | 0.6544 | 0.6593 | 0.6643 | 0.7003 |
|               | 0.7403 | 0.7830 | 0.8510 | 0.9167 | 0.9313 |
|               | 0.9459 | 0.9595 | 0.9730 | 0.9865 | 1.0000 |

Transect A103

Area:

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

Hrad:

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

Width:

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

Transect A109

Area:

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 0.0006 | 0.0025 | 0.0057 | 0.0102 | 0.0159 |
| 0.0225 | 0.0298 | 0.0377 | 0.0463 | 0.0555 |
| 0.0653 | 0.0757 | 0.0866 | 0.0982 | 0.1103 |
| 0.1231 | 0.1364 | 0.1504 | 0.1650 | 0.1804 |
| 0.1965 | 0.2133 | 0.2308 | 0.2490 | 0.2679 |
| 0.2876 | 0.3080 | 0.3292 | 0.3511 | 0.3738 |
| 0.3972 | 0.4215 | 0.4469 | 0.4735 | 0.5012 |
| 0.5299 | 0.5591 | 0.5887 | 0.6187 | 0.6494 |
| 0.6809 | 0.7133 | 0.7466 | 0.7806 | 0.8153 |
| 0.8508 | 0.8870 | 0.9239 | 0.9616 | 1.0000 |

Hrad:

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 0.0183 | 0.0367 | 0.0550 | 0.0733 | 0.0939 |
| 0.1190 | 0.1429 | 0.1666 | 0.1909 | 0.2144 |
| 0.2373 | 0.2597 | 0.2817 | 0.3032 | 0.3245 |
| 0.3455 | 0.3663 | 0.3857 | 0.4026 | 0.4196 |
| 0.4367 | 0.4546 | 0.4728 | 0.4909 | 0.5091 |
| 0.5256 | 0.5423 | 0.5591 | 0.5760 | 0.5930 |
| 0.6101 | 0.6220 | 0.6294 | 0.6378 | 0.6471 |
| 0.6700 | 0.6965 | 0.7229 | 0.7489 | 0.7743 |
| 0.7986 | 0.8173 | 0.8404 | 0.8643 | 0.8878 |
| 0.9109 | 0.9337 | 0.9561 | 0.9782 | 1.0000 |

Width:

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

Transect A113

Area:

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

Hrad:

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

Width:

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 0.0524 | 0.0777 | 0.0972 | 0.1167 | 0.1363 |
| 0.1553 | 0.1753 | 0.1962 | 0.2171 | 0.2380 |
| 0.2565 | 0.2708 | 0.2854 | 0.3001 | 0.3148 |
| 0.3295 | 0.3443 | 0.3594 | 0.3746 | 0.3897 |
| 0.4049 | 0.4256 | 0.5056 | 0.5599 | 0.5843 |
| 0.6073 | 0.6297 | 0.6521 | 0.6638 | 0.6693 |

|               |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|
|               | 0.6747 | 0.6882 | 0.7020 | 0.7158 | 0.7320 |
|               | 0.7575 | 0.8007 | 0.8395 | 0.8509 | 0.8623 |
|               | 0.8737 | 0.8862 | 0.9024 | 0.9186 | 0.9347 |
|               | 0.9491 | 0.9635 | 0.9779 | 0.9903 | 1.0000 |
| Transect A114 |        |        |        |        |        |
| Area:         | 0.0028 | 0.0095 | 0.0168 | 0.0246 | 0.0327 |
|               | 0.0413 | 0.0503 | 0.0598 | 0.0697 | 0.0800 |
|               | 0.0908 | 0.1020 | 0.1136 | 0.1257 | 0.1382 |
|               | 0.1515 | 0.1655 | 0.1802 | 0.1956 | 0.2117 |
|               | 0.2285 | 0.2465 | 0.2659 | 0.2864 | 0.3077 |
|               | 0.3295 | 0.3518 | 0.3747 | 0.3980 | 0.4219 |
|               | 0.4463 | 0.4712 | 0.4966 | 0.5224 | 0.5484 |
|               | 0.5748 | 0.6016 | 0.6288 | 0.6563 | 0.6842 |
|               | 0.7125 | 0.7411 | 0.7701 | 0.8000 | 0.8308 |
|               | 0.8627 | 0.8955 | 0.9293 | 0.9641 | 1.0000 |
| Hrad:         | 0.0187 | 0.0502 | 0.0835 | 0.1151 | 0.1454 |
|               | 0.1745 | 0.2025 | 0.2298 | 0.2562 | 0.2820 |
|               | 0.3073 | 0.3320 | 0.3562 | 0.3801 | 0.3973 |
|               | 0.4129 | 0.4288 | 0.4448 | 0.4610 | 0.4775 |
|               | 0.4892 | 0.4907 | 0.4944 | 0.5067 | 0.5310 |
|               | 0.5550 | 0.5788 | 0.6024 | 0.6257 | 0.6488 |
|               | 0.6718 | 0.6945 | 0.7209 | 0.7480 | 0.7734 |
|               | 0.7986 | 0.8235 | 0.8482 | 0.8727 | 0.8970 |
|               | 0.9211 | 0.9449 | 0.9631 | 0.9670 | 0.9718 |
|               | 0.9775 | 0.9847 | 0.9926 | 1.0010 | 1.0000 |
| Width:        | 0.1519 | 0.1934 | 0.2052 | 0.2171 | 0.2289 |
|               | 0.2407 | 0.2526 | 0.2644 | 0.2762 | 0.2881 |
|               | 0.2999 | 0.3118 | 0.3236 | 0.3354 | 0.3529 |
|               | 0.3722 | 0.3915 | 0.4109 | 0.4303 | 0.4497 |
|               | 0.4740 | 0.5099 | 0.5457 | 0.5738 | 0.5881 |
|               | 0.6024 | 0.6167 | 0.6310 | 0.6454 | 0.6597 |
|               | 0.6740 | 0.6883 | 0.6982 | 0.7068 | 0.7169 |
|               | 0.7269 | 0.7370 | 0.7470 | 0.7570 | 0.7671 |
|               | 0.7771 | 0.7872 | 0.8019 | 0.8293 | 0.8566 |
|               | 0.8838 | 0.9103 | 0.9368 | 0.9633 | 1.0000 |
| Transect A116 |        |        |        |        |        |
| Area:         | 0.0004 | 0.0017 | 0.0038 | 0.0068 | 0.0106 |
|               | 0.0149 | 0.0198 | 0.0254 | 0.0315 | 0.0382 |
|               | 0.0455 | 0.0532 | 0.0614 | 0.0698 | 0.0786 |
|               | 0.0876 | 0.0970 | 0.1066 | 0.1165 | 0.1267 |
|               | 0.1372 | 0.1480 | 0.1591 | 0.1705 | 0.1841 |
|               | 0.1992 | 0.2151 | 0.2317 | 0.2491 | 0.2673 |
|               | 0.2883 | 0.3124 | 0.3384 | 0.3665 | 0.3964 |
|               | 0.4283 | 0.4617 | 0.4958 | 0.5307 | 0.5663 |
|               | 0.6042 | 0.6444 | 0.6858 | 0.7279 | 0.7708 |
|               | 0.8146 | 0.8593 | 0.9048 | 0.9514 | 1.0000 |
| Hrad:         | 0.0248 | 0.0495 | 0.0743 | 0.0991 | 0.1297 |
|               | 0.1595 | 0.1881 | 0.2160 | 0.2433 | 0.2701 |
|               | 0.2966 | 0.3310 | 0.3650 | 0.4011 | 0.4365 |
|               | 0.4711 | 0.5052 | 0.5386 | 0.5715 | 0.6040 |
|               | 0.6360 | 0.6676 | 0.6988 | 0.7297 | 0.7500 |
|               | 0.7665 | 0.7840 | 0.8020 | 0.8149 | 0.8228 |
|               | 0.8252 | 0.8245 | 0.8203 | 0.8165 | 0.8151 |
|               | 0.8160 | 0.6861 | 0.7192 | 0.7519 | 0.7843 |
|               | 0.7543 | 0.7812 | 0.8100 | 0.8455 | 0.8790 |
|               | 0.9122 | 0.9452 | 0.9779 | 0.9917 | 1.0000 |
| Width:        | 0.0172 | 0.0345 | 0.0517 | 0.0690 | 0.0815 |
|               | 0.0935 | 0.1054 | 0.1173 | 0.1292 | 0.1412 |
|               | 0.1531 | 0.1606 | 0.1679 | 0.1738 | 0.1796 |
|               | 0.1855 | 0.1914 | 0.1973 | 0.2032 | 0.2091 |
|               | 0.2150 | 0.2209 | 0.2267 | 0.2326 | 0.2394 |
|               | 0.3137 | 0.3280 | 0.3423 | 0.3586 | 0.3769 |
|               | 0.4660 | 0.5055 | 0.5464 | 0.5853 | 0.6242 |
|               | 0.6631 | 0.6811 | 0.6963 | 0.7115 | 0.7267 |
|               | 0.8000 | 0.8228 | 0.8436 | 0.8582 | 0.8753 |
|               | 0.8925 | 0.9097 | 0.9268 | 0.9605 | 1.0000 |
| Transect A16  |        |        |        |        |        |
| Area:         | 0.0011 | 0.0048 | 0.0125 | 0.0220 | 0.0320 |
|               | 0.0425 | 0.0534 | 0.0649 | 0.0769 | 0.0894 |
|               | 0.1028 | 0.1169 | 0.1318 | 0.1475 | 0.1640 |
|               | 0.1815 | 0.2000 | 0.2192 | 0.2391 | 0.2596 |
|               | 0.2807 | 0.3024 | 0.3248 | 0.3477 | 0.3708 |
|               | 0.3941 | 0.4175 | 0.4412 | 0.4650 | 0.4890 |
|               | 0.5132 | 0.5375 | 0.5619 | 0.5865 | 0.6113 |
|               | 0.6362 | 0.6612 | 0.6864 | 0.7117 | 0.7372 |
|               | 0.7628 | 0.7885 | 0.8144 | 0.8405 | 0.8667 |
|               | 0.8930 | 0.9195 | 0.9461 | 0.9728 | 1.0000 |
| Hrad:         | 0.0139 | 0.0261 | 0.0378 | 0.0631 | 0.0872 |
|               | 0.1105 | 0.1329 | 0.1546 | 0.1757 | 0.1924 |
|               | 0.2086 | 0.2246 | 0.2404 | 0.2551 | 0.2682 |
|               | 0.2816 | 0.2950 | 0.3120 | 0.3301 | 0.3479 |
|               | 0.3654 | 0.3828 | 0.4000 | 0.4208 | 0.4450 |
|               | 0.4691 | 0.4930 | 0.5167 | 0.5403 | 0.5636 |
|               | 0.5874 | 0.6113 | 0.6350 | 0.6586 | 0.6821 |
|               | 0.7054 | 0.7286 | 0.7516 | 0.7746 | 0.7974 |
|               | 0.8201 | 0.8426 | 0.8651 | 0.8874 | 0.9096 |
|               | 0.9317 | 0.9537 | 0.9756 | 0.9973 | 1.0000 |
| Width:        | 0.0802 | 0.2058 | 0.3363 | 0.3541 | 0.3719 |
|               | 0.3898 | 0.4076 | 0.4254 | 0.4433 | 0.4711 |

|  |        |        |        |        |        |
|--|--------|--------|--------|--------|--------|
|  | 0.4992 | 0.5274 | 0.5555 | 0.5857 | 0.6198 |
|  | 0.6534 | 0.6868 | 0.7120 | 0.7342 | 0.7563 |
|  | 0.7785 | 0.8006 | 0.8228 | 0.8370 | 0.8435 |
|  | 0.8499 | 0.8564 | 0.8629 | 0.8694 | 0.8759 |
|  | 0.8815 | 0.8867 | 0.8919 | 0.8971 | 0.9024 |
|  | 0.9076 | 0.9128 | 0.9180 | 0.9233 | 0.9285 |
|  | 0.9337 | 0.9389 | 0.9442 | 0.9494 | 0.9546 |
|  | 0.9598 | 0.9651 | 0.9703 | 0.9756 | 1.0000 |

Transect A25

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0069 | 0.0156 | 0.0246 | 0.0340 | 0.0439 |
|       | 0.0541 | 0.0648 | 0.0759 | 0.0874 | 0.0993 |
|       | 0.1116 | 0.1243 | 0.1374 | 0.1510 | 0.1649 |
|       | 0.1793 | 0.1941 | 0.2093 | 0.2249 | 0.2409 |
|       | 0.2573 | 0.2742 | 0.2915 | 0.3093 | 0.3278 |
|       | 0.3468 | 0.3664 | 0.3866 | 0.4074 | 0.4288 |
|       | 0.4508 | 0.4733 | 0.4965 | 0.5203 | 0.5447 |
|       | 0.5698 | 0.5955 | 0.6220 | 0.6491 | 0.6770 |
|       | 0.7055 | 0.7347 | 0.7646 | 0.7952 | 0.8265 |
|       | 0.8584 | 0.8915 | 0.9261 | 0.9623 | 1.0000 |

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0316 | 0.0675 | 0.1019 | 0.1350 | 0.1670 |
|       | 0.1979 | 0.2280 | 0.2573 | 0.2858 | 0.3137 |
|       | 0.3410 | 0.3678 | 0.3942 | 0.4201 | 0.4456 |
|       | 0.4707 | 0.4955 | 0.5199 | 0.5438 | 0.5675 |
|       | 0.5910 | 0.6142 | 0.6359 | 0.6527 | 0.6696 |
|       | 0.6867 | 0.7039 | 0.7212 | 0.7386 | 0.7561 |
|       | 0.7737 | 0.7914 | 0.8091 | 0.8269 | 0.8422 |
|       | 0.8571 | 0.8723 | 0.8876 | 0.9032 | 0.9189 |
|       | 0.9348 | 0.9508 | 0.9670 | 0.9833 | 0.9997 |
|       | 1.0139 | 1.0082 | 1.0004 | 0.9949 | 1.0000 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.2198 | 0.2306 | 0.2413 | 0.2521 | 0.2628 |
|        | 0.2735 | 0.2843 | 0.2950 | 0.3057 | 0.3165 |
|        | 0.3272 | 0.3379 | 0.3487 | 0.3594 | 0.3702 |
|        | 0.3809 | 0.3916 | 0.4025 | 0.4135 | 0.4244 |
|        | 0.4354 | 0.4464 | 0.4583 | 0.4738 | 0.4893 |
|        | 0.5049 | 0.5204 | 0.5359 | 0.5514 | 0.5669 |
|        | 0.5825 | 0.5980 | 0.6135 | 0.6290 | 0.6466 |
|        | 0.6646 | 0.6826 | 0.7006 | 0.7186 | 0.7366 |
|        | 0.7546 | 0.7726 | 0.7906 | 0.8086 | 0.8266 |
|        | 0.8465 | 0.8842 | 0.9257 | 0.9672 | 1.0000 |

Transect A36

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0014 | 0.0049 | 0.0097 | 0.0158 | 0.0227 |
|       | 0.0302 | 0.0381 | 0.0468 | 0.0582 | 0.0717 |
|       | 0.0868 | 0.1026 | 0.1188 | 0.1354 | 0.1525 |
|       | 0.1701 | 0.1881 | 0.2066 | 0.2255 | 0.2449 |
|       | 0.2648 | 0.2851 | 0.3058 | 0.3269 | 0.3484 |
|       | 0.3704 | 0.3927 | 0.4155 | 0.4386 | 0.4621 |
|       | 0.4860 | 0.5102 | 0.5348 | 0.5598 | 0.5851 |
|       | 0.6108 | 0.6368 | 0.6631 | 0.6898 | 0.7167 |
|       | 0.7440 | 0.7716 | 0.7995 | 0.8277 | 0.8562 |
|       | 0.8848 | 0.9134 | 0.9422 | 0.9710 | 1.0000 |

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0147 | 0.0345 | 0.0517 | 0.0685 | 0.0918 |
|       | 0.1144 | 0.1360 | 0.1552 | 0.1673 | 0.1780 |
|       | 0.1624 | 0.1864 | 0.2100 | 0.2330 | 0.2554 |
|       | 0.2773 | 0.2989 | 0.3201 | 0.3410 | 0.3616 |
|       | 0.3827 | 0.4037 | 0.4244 | 0.4448 | 0.4650 |
|       | 0.4851 | 0.5049 | 0.5253 | 0.5458 | 0.5661 |
|       | 0.5863 | 0.6063 | 0.6261 | 0.6457 | 0.6653 |
|       | 0.6850 | 0.7056 | 0.7261 | 0.7464 | 0.7665 |
|       | 0.7866 | 0.8065 | 0.8263 | 0.8460 | 0.8710 |
|       | 0.8969 | 0.9228 | 0.9486 | 0.9744 | 1.0000 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.0973 | 0.1425 | 0.1877 | 0.2305 | 0.2479 |
|        | 0.2639 | 0.2799 | 0.3451 | 0.4309 | 0.4991 |
|        | 0.5350 | 0.5505 | 0.5659 | 0.5813 | 0.5973 |
|        | 0.6134 | 0.6294 | 0.6455 | 0.6615 | 0.6776 |
|        | 0.6921 | 0.7064 | 0.7208 | 0.7351 | 0.7494 |
|        | 0.7637 | 0.7780 | 0.7911 | 0.8038 | 0.8164 |
|        | 0.8290 | 0.8417 | 0.8543 | 0.8669 | 0.8796 |
|        | 0.8917 | 0.9026 | 0.9134 | 0.9243 | 0.9351 |
|        | 0.9460 | 0.9568 | 0.9677 | 0.9785 | 0.9831 |
|        | 0.9865 | 0.9898 | 0.9932 | 0.9966 | 1.0000 |

Transect A50

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0020 | 0.0078 | 0.0169 | 0.0267 | 0.0369 |
|       | 0.0476 | 0.0587 | 0.0703 | 0.0824 | 0.0950 |
|       | 0.1080 | 0.1215 | 0.1354 | 0.1498 | 0.1647 |
|       | 0.1800 | 0.1958 | 0.2120 | 0.2288 | 0.2460 |
|       | 0.2636 | 0.2818 | 0.3005 | 0.3196 | 0.3393 |
|       | 0.3595 | 0.3802 | 0.4013 | 0.4230 | 0.4452 |
|       | 0.4678 | 0.4910 | 0.5147 | 0.5388 | 0.5635 |
|       | 0.5887 | 0.6144 | 0.6408 | 0.6678 | 0.6952 |
|       | 0.7230 | 0.7513 | 0.7799 | 0.8090 | 0.8385 |
|       | 0.8684 | 0.8988 | 0.9308 | 0.9647 | 1.0000 |

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0181 | 0.0362 | 0.0642 | 0.0966 | 0.1277 |
|       | 0.1576 | 0.1866 | 0.2147 | 0.2420 | 0.2687 |
|       | 0.2947 | 0.3202 | 0.3452 | 0.3698 | 0.3940 |
|       | 0.4177 | 0.4412 | 0.4643 | 0.4870 | 0.5092 |
|       | 0.5311 | 0.5523 | 0.5733 | 0.5941 | 0.6148 |
|       | 0.6354 | 0.6558 | 0.6762 | 0.6964 | 0.7165 |
|       | 0.7365 | 0.7565 | 0.7764 | 0.7961 | 0.8159 |
|       | 0.8355 | 0.8507 | 0.8652 | 0.8845 | 0.9062 |
|       | 0.9278 | 0.9492 | 0.9705 | 0.9917 | 1.0127 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 1.0336 | 1.0387 | 1.0111 | 0.9916 | 1.0000 |
|        | 0.1094 | 0.2187 | 0.2663 | 0.2792 | 0.2922 |
|        | 0.3052 | 0.3181 | 0.3311 | 0.3441 | 0.3571 |
|        | 0.3700 | 0.3830 | 0.3960 | 0.4089 | 0.4219 |
|        | 0.4349 | 0.4478 | 0.4608 | 0.4739 | 0.4873 |
|        | 0.5008 | 0.5147 | 0.5287 | 0.5426 | 0.5566 |
|        | 0.5706 | 0.5846 | 0.5985 | 0.6125 | 0.6265 |
|        | 0.6404 | 0.6544 | 0.6684 | 0.6823 | 0.6963 |
|        | 0.7103 | 0.7280 | 0.7466 | 0.7606 | 0.7722 |
|        | 0.7837 | 0.7952 | 0.8067 | 0.8182 | 0.8298 |
|        | 0.8413 | 0.8659 | 0.9211 | 0.9733 | 1.0000 |

Transect A57

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

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

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

Transect A70

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

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

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

Transect A72

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

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: |        |        |        |        |        |
|       | 0.0170 | 0.0340 | 0.0510 | 0.0680 | 0.0850 |
|       | 0.1020 | 0.1190 | 0.1122 | 0.1207 | 0.1384 |
|       | 0.1560 | 0.1739 | 0.1934 | 0.2129 | 0.2390 |
|       | 0.2646 | 0.2896 | 0.3141 | 0.3381 | 0.3617 |
|       | 0.3871 | 0.4128 | 0.4382 | 0.4632 | 0.4879 |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
| Width:       | 0.5124 | 0.5365 | 0.5604 | 0.5797 | 0.5871 |
|              | 0.5881 | 0.5892 | 0.5949 | 0.6017 | 0.6215 |
|              | 0.6428 | 0.6706 | 0.6983 | 0.7257 | 0.7530 |
|              | 0.7800 | 0.8069 | 0.8335 | 0.8600 | 0.8863 |
|              | 0.9103 | 0.9329 | 0.9554 | 0.9778 | 1.0000 |
|              | 0.0223 | 0.0446 | 0.0669 | 0.0892 | 0.1115 |
|              | 0.1338 | 0.1560 | 0.2193 | 0.2756 | 0.3125 |
|              | 0.3494 | 0.3854 | 0.4171 | 0.4481 | 0.4639 |
|              | 0.4797 | 0.4955 | 0.5113 | 0.5271 | 0.5429 |
|              | 0.5556 | 0.5672 | 0.5788 | 0.5903 | 0.6019 |
| Hrad:        | 0.6135 | 0.6251 | 0.6366 | 0.6532 | 0.6836 |
|              | 0.7230 | 0.7647 | 0.8021 | 0.8394 | 0.8587 |
|              | 0.8757 | 0.8834 | 0.8911 | 0.8988 | 0.9065 |
|              | 0.9142 | 0.9219 | 0.9296 | 0.9373 | 0.9450 |
|              | 0.9550 | 0.9663 | 0.9775 | 0.9888 | 1.0000 |
| Transect A80 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
| Hrad:        | 0.0012 | 0.0046 | 0.0105 | 0.0182 | 0.0264 |
|              | 0.0351 | 0.0441 | 0.0536 | 0.0635 | 0.0739 |
|              | 0.0846 | 0.0958 | 0.1074 | 0.1193 | 0.1318 |
|              | 0.1446 | 0.1578 | 0.1713 | 0.1853 | 0.1997 |
|              | 0.2144 | 0.2296 | 0.2451 | 0.2610 | 0.2774 |
|              | 0.2943 | 0.3115 | 0.3293 | 0.3474 | 0.3660 |
|              | 0.3851 | 0.4045 | 0.4246 | 0.4452 | 0.4663 |
|              | 0.4881 | 0.5103 | 0.5333 | 0.5573 | 0.5824 |
|              | 0.6085 | 0.6378 | 0.6779 | 0.7213 | 0.7656 |
|              | 0.8106 | 0.8565 | 0.9033 | 0.9512 | 1.0000 |
| Width:       | 0.0248 | 0.0497 | 0.0745 | 0.1123 | 0.1550 |
|              | 0.1959 | 0.2352 | 0.2732 | 0.3100 | 0.3459 |
|              | 0.3808 | 0.4149 | 0.4483 | 0.4810 | 0.5134 |
|              | 0.5462 | 0.5785 | 0.6103 | 0.6416 | 0.6726 |
|              | 0.7032 | 0.7334 | 0.7623 | 0.7897 | 0.8168 |
|              | 0.8438 | 0.8707 | 0.8974 | 0.9241 | 0.9506 |
|              | 0.9770 | 1.0011 | 1.0214 | 1.0420 | 1.0628 |
|              | 1.0837 | 1.1049 | 1.1126 | 1.1112 | 1.1120 |
|              | 1.1148 | 0.8397 | 0.7821 | 0.8106 | 0.8453 |
|              | 0.8796 | 0.9116 | 0.9413 | 0.9707 | 1.0000 |
| Hrad:        | 0.0471 | 0.0942 | 0.1413 | 0.1628 | 0.1712 |
|              | 0.1797 | 0.1881 | 0.1966 | 0.2050 | 0.2135 |
|              | 0.2220 | 0.2304 | 0.2389 | 0.2473 | 0.2556 |
|              | 0.2635 | 0.2713 | 0.2792 | 0.2870 | 0.2949 |
|              | 0.3027 | 0.3106 | 0.3189 | 0.3278 | 0.3367 |
|              | 0.3457 | 0.3546 | 0.3635 | 0.3724 | 0.3814 |
|              | 0.3903 | 0.4001 | 0.4116 | 0.4231 | 0.4345 |
|              | 0.4460 | 0.4575 | 0.4749 | 0.4972 | 0.5195 |
|              | 0.5418 | 0.7575 | 0.8656 | 0.8889 | 0.9049 |
|              | 0.9209 | 0.9390 | 0.9593 | 0.9797 | 1.0000 |
| Transect A81 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
| Hrad:        | 0.0005 | 0.0021 | 0.0047 | 0.0084 | 0.0132 |
|              | 0.0190 | 0.0258 | 0.0337 | 0.0427 | 0.0527 |
|              | 0.0637 | 0.0759 | 0.0890 | 0.1031 | 0.1180 |
|              | 0.1336 | 0.1499 | 0.1671 | 0.1851 | 0.2038 |
|              | 0.2233 | 0.2435 | 0.2646 | 0.2864 | 0.3090 |
|              | 0.3323 | 0.3561 | 0.3801 | 0.4044 | 0.4290 |
|              | 0.4538 | 0.4789 | 0.5043 | 0.5300 | 0.5560 |
|              | 0.5822 | 0.6087 | 0.6354 | 0.6625 | 0.6898 |
|              | 0.7174 | 0.7453 | 0.7735 | 0.8022 | 0.8316 |
|              | 0.8621 | 0.8942 | 0.9278 | 0.9631 | 1.0000 |
| Width:       | 0.0190 | 0.0380 | 0.0570 | 0.0760 | 0.0950 |
|              | 0.1139 | 0.1329 | 0.1519 | 0.1709 | 0.1899 |
|              | 0.2089 | 0.2279 | 0.2469 | 0.2711 | 0.2943 |
|              | 0.3171 | 0.3395 | 0.3616 | 0.3835 | 0.4051 |
|              | 0.4265 | 0.4477 | 0.4688 | 0.4897 | 0.5105 |
|              | 0.5346 | 0.5659 | 0.5969 | 0.6276 | 0.6580 |
|              | 0.6882 | 0.7181 | 0.7477 | 0.7770 | 0.8061 |
|              | 0.8350 | 0.8637 | 0.8921 | 0.9203 | 0.9483 |
|              | 0.9761 | 1.0037 | 1.0245 | 1.0396 | 1.0549 |
|              | 1.0696 | 1.0829 | 1.0950 | 1.1063 | 1.0000 |
| Hrad:        | 0.0280 | 0.0559 | 0.0839 | 0.1118 | 0.1398 |
|              | 0.1677 | 0.1957 | 0.2236 | 0.2516 | 0.2795 |
|              | 0.3075 | 0.3355 | 0.3634 | 0.3832 | 0.4039 |
|              | 0.4245 | 0.4451 | 0.4657 | 0.4863 | 0.5069 |
|              | 0.5275 | 0.5481 | 0.5687 | 0.5893 | 0.6099 |
|              | 0.6264 | 0.6337 | 0.6409 | 0.6482 | 0.6555 |
|              | 0.6628 | 0.6701 | 0.6774 | 0.6847 | 0.6920 |
|              | 0.6993 | 0.7066 | 0.7138 | 0.7211 | 0.7284 |
|              | 0.7357 | 0.7430 | 0.7553 | 0.7718 | 0.7883 |
|              | 0.8295 | 0.8721 | 0.9148 | 0.9574 | 1.0000 |
| Transect A85 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
| Hrad:        | 0.0026 | 0.0095 | 0.0171 | 0.0249 | 0.0332 |
|              | 0.0417 | 0.0505 | 0.0597 | 0.0692 | 0.0790 |
|              | 0.0892 | 0.0996 | 0.1104 | 0.1215 | 0.1329 |
|              | 0.1447 | 0.1568 | 0.1692 | 0.1819 | 0.1949 |
|              | 0.2083 | 0.2221 | 0.2362 | 0.2507 | 0.2655 |
|              | 0.2807 | 0.2962 | 0.3122 | 0.3287 | 0.3457 |
|              | 0.3631 | 0.3809 | 0.3993 | 0.4181 | 0.4374 |
|              | 0.4574 | 0.4784 | 0.5006 | 0.5237 | 0.5484 |
|              | 0.5764 | 0.6084 | 0.6480 | 0.6914 | 0.7376 |
|              | 0.7866 | 0.8375 | 0.8904 | 0.9448 | 1.0000 |
| Width:       | 0.0280 | 0.0717 | 0.1233 | 0.1728 | 0.2206 |

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

Width:

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

Transect A87

Area:

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

Hrad:

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

Width:

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

Transect A89

Area:

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 0.0005 | 0.0018 | 0.0041 | 0.0073 | 0.0114 |
| 0.0171 | 0.0254 | 0.0350 | 0.0458 | 0.0576 |
| 0.0703 | 0.0839 | 0.0984 | 0.1138 | 0.1303 |
| 0.1477 | 0.1657 | 0.1841 | 0.2031 | 0.2225 |
| 0.2422 | 0.2623 | 0.2828 | 0.3037 | 0.3249 |
| 0.3465 | 0.3685 | 0.3909 | 0.4136 | 0.4368 |
| 0.4603 | 0.4842 | 0.5086 | 0.5335 | 0.5588 |
| 0.5846 | 0.6108 | 0.6375 | 0.6646 | 0.6922 |
| 0.7202 | 0.7487 | 0.7777 | 0.8074 | 0.8376 |
| 0.8685 | 0.9001 | 0.9324 | 0.9655 | 1.0000 |

Hrad:

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 0.0176 | 0.0352 | 0.0528 | 0.0703 | 0.0882 |
| 0.0784 | 0.1002 | 0.1209 | 0.1424 | 0.1656 |
| 0.1881 | 0.2099 | 0.2312 | 0.2515 | 0.2703 |
| 0.2933 | 0.3201 | 0.3464 | 0.3723 | 0.3999 |
| 0.4274 | 0.4545 | 0.4813 | 0.5077 | 0.5339 |
| 0.5594 | 0.5845 | 0.6094 | 0.6340 | 0.6584 |
| 0.6826 | 0.7048 | 0.7265 | 0.7480 | 0.7693 |
| 0.7906 | 0.8122 | 0.8337 | 0.8552 | 0.8765 |
| 0.8977 | 0.9154 | 0.9317 | 0.9481 | 0.9645 |
| 0.9781 | 0.9914 | 1.0049 | 1.0056 | 1.0000 |

Width:

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 0.0259 | 0.0517 | 0.0776 | 0.1034 | 0.1288 |
| 0.2185 | 0.2541 | 0.2897 | 0.3217 | 0.3477 |
| 0.3737 | 0.3997 | 0.4257 | 0.4528 | 0.4821 |
| 0.5037 | 0.5176 | 0.5316 | 0.5455 | 0.5563 |
| 0.5667 | 0.5772 | 0.5876 | 0.5981 | 0.6085 |
| 0.6194 | 0.6303 | 0.6413 | 0.6523 | 0.6632 |
| 0.6742 | 0.6869 | 0.7000 | 0.7131 | 0.7262 |
| 0.7393 | 0.7519 | 0.7645 | 0.7770 | 0.7895 |
| 0.8021 | 0.8177 | 0.8345 | 0.8514 | 0.8683 |
| 0.8878 | 0.9078 | 0.9277 | 0.9601 | 1.0000 |

Transect A91

Area:

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 0.0066 | 0.0151 | 0.0241 | 0.0337 | 0.0438 |
| 0.0545 | 0.0658 | 0.0776 | 0.0899 | 0.1028 |
| 0.1163 | 0.1303 | 0.1448 | 0.1599 | 0.1756 |
| 0.1918 | 0.2084 | 0.2254 | 0.2426 | 0.2603 |
| 0.2782 | 0.2965 | 0.3151 | 0.3340 | 0.3532 |
| 0.3729 | 0.3930 | 0.4135 | 0.4345 | 0.4559 |
| 0.4778 | 0.5001 | 0.5229 | 0.5461 | 0.5699 |
| 0.5942 | 0.6190 | 0.6443 | 0.6702 | 0.6967 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Hrad:  | 0.7237 | 0.7513 | 0.7795 | 0.8084 | 0.8380 |
|        | 0.8682 | 0.8990 | 0.9311 | 0.9647 | 1.0000 |
|        | 0.0311 | 0.0668 | 0.1004 | 0.1324 | 0.1629 |
|        | 0.1923 | 0.2207 | 0.2482 | 0.2750 | 0.3010 |
|        | 0.3266 | 0.3516 | 0.3761 | 0.3997 | 0.4228 |
|        | 0.4476 | 0.4750 | 0.5018 | 0.5281 | 0.5540 |
|        | 0.5795 | 0.6046 | 0.6293 | 0.6536 | 0.6776 |
|        | 0.6978 | 0.7176 | 0.7372 | 0.7568 | 0.7762 |
|        | 0.7955 | 0.8147 | 0.8338 | 0.8520 | 0.8679 |
|        | 0.8838 | 0.8998 | 0.9159 | 0.9320 | 0.9482 |
|        | 0.9642 | 0.9768 | 0.9896 | 1.0027 | 1.0160 |
|        | 1.0295 | 1.0399 | 1.0279 | 1.0185 | 1.0000 |
| Width: | 0.2260 | 0.2411 | 0.2562 | 0.2713 | 0.2864 |
|        | 0.3015 | 0.3166 | 0.3318 | 0.3469 | 0.3620 |
|        | 0.3771 | 0.3922 | 0.4073 | 0.4230 | 0.4390 |
|        | 0.4521 | 0.4612 | 0.4703 | 0.4794 | 0.4885 |
|        | 0.4976 | 0.5067 | 0.5158 | 0.5249 | 0.5340 |
|        | 0.5461 | 0.5584 | 0.5707 | 0.5830 | 0.5953 |
|        | 0.6076 | 0.6199 | 0.6322 | 0.6451 | 0.6600 |
|        | 0.6748 | 0.6897 | 0.7045 | 0.7194 | 0.7343 |
|        | 0.7493 | 0.7673 | 0.7853 | 0.8033 | 0.8213 |
|        | 0.8394 | 0.8602 | 0.9027 | 0.9452 | 1.0000 |

Transect A93

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  | 0.0014 | 0.0055 | 0.0109 | 0.0174 | 0.0246 |
|        | 0.0322 | 0.0402 | 0.0486 | 0.0574 | 0.0666 |
|        | 0.0763 | 0.0863 | 0.0968 | 0.1076 | 0.1189 |
|        | 0.1306 | 0.1427 | 0.1552 | 0.1682 | 0.1816 |
|        | 0.1955 | 0.2098 | 0.2245 | 0.2397 | 0.2555 |
|        | 0.2717 | 0.2883 | 0.3055 | 0.3234 | 0.3422 |
|        | 0.3619 | 0.3826 | 0.4043 | 0.4283 | 0.4544 |
|        | 0.4819 | 0.5110 | 0.5424 | 0.5766 | 0.6116 |
|        | 0.6471 | 0.6830 | 0.7195 | 0.7565 | 0.7941 |
|        | 0.8321 | 0.8708 | 0.9107 | 0.9519 | 1.0000 |
| Hrad:  | 0.0261 | 0.0570 | 0.0955 | 0.1305 | 0.1729 |
|        | 0.2141 | 0.2537 | 0.2919 | 0.3289 | 0.3648 |
|        | 0.3999 | 0.4342 | 0.4678 | 0.5007 | 0.5331 |
|        | 0.5651 | 0.5965 | 0.6258 | 0.6549 | 0.6838 |
|        | 0.7124 | 0.7409 | 0.7691 | 0.7961 | 0.8217 |
|        | 0.8473 | 0.8729 | 0.8985 | 0.9069 | 0.9123 |
|        | 0.9196 | 0.9286 | 0.9157 | 0.8737 | 0.8736 |
|        | 0.8781 | 0.8738 | 0.8563 | 0.8515 | 0.8971 |
|        | 0.9355 | 0.9736 | 1.0113 | 1.0487 | 1.0857 |
|        | 1.1225 | 1.1449 | 1.1607 | 1.1658 | 1.0000 |
| Width: | 0.0504 | 0.0908 | 0.1084 | 0.1259 | 0.1341 |
|        | 0.1415 | 0.1490 | 0.1564 | 0.1638 | 0.1713 |
|        | 0.1787 | 0.1862 | 0.1936 | 0.2010 | 0.2085 |
|        | 0.2159 | 0.2234 | 0.2315 | 0.2396 | 0.2477 |
|        | 0.2558 | 0.2640 | 0.2721 | 0.2806 | 0.2897 |
|        | 0.2987 | 0.3077 | 0.3168 | 0.3323 | 0.3497 |
|        | 0.3670 | 0.3844 | 0.4123 | 0.4583 | 0.4865 |
|        | 0.5136 | 0.5476 | 0.5936 | 0.6349 | 0.6392 |
|        | 0.6485 | 0.6579 | 0.6672 | 0.6766 | 0.6860 |
|        | 0.6953 | 0.7136 | 0.7364 | 0.7666 | 1.0000 |

Transect A95

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  | 0.0009 | 0.0035 | 0.0080 | 0.0142 | 0.0222 |
|        | 0.0317 | 0.0418 | 0.0525 | 0.0636 | 0.0752 |
|        | 0.0873 | 0.0999 | 0.1128 | 0.1260 | 0.1396 |
|        | 0.1535 | 0.1677 | 0.1823 | 0.1971 | 0.2123 |
|        | 0.2279 | 0.2438 | 0.2600 | 0.2765 | 0.2934 |
|        | 0.3106 | 0.3281 | 0.3459 | 0.3641 | 0.3826 |
|        | 0.4015 | 0.4209 | 0.4409 | 0.4616 | 0.4830 |
|        | 0.5052 | 0.5282 | 0.5519 | 0.5764 | 0.6017 |
|        | 0.6294 | 0.6601 | 0.6934 | 0.7290 | 0.7667 |
|        | 0.8074 | 0.8517 | 0.8992 | 0.9488 | 1.0000 |
| Hrad:  | 0.0262 | 0.0524 | 0.0785 | 0.1047 | 0.1309 |
|        | 0.1680 | 0.2109 | 0.2522 | 0.2921 | 0.3308 |
|        | 0.3684 | 0.4086 | 0.4494 | 0.4893 | 0.5286 |
|        | 0.5672 | 0.6051 | 0.6425 | 0.6793 | 0.7156 |
|        | 0.7515 | 0.7868 | 0.8218 | 0.8564 | 0.8906 |
|        | 0.9244 | 0.9580 | 0.9912 | 1.0241 | 1.0568 |
|        | 1.0828 | 1.1010 | 1.1197 | 1.1319 | 1.1431 |
|        | 1.1554 | 1.1686 | 1.1826 | 1.1973 | 1.1899 |
|        | 1.1149 | 1.0695 | 1.0405 | 1.0343 | 1.0216 |
|        | 0.9852 | 0.9639 | 0.9601 | 0.9798 | 1.0000 |
| Width: | 0.0341 | 0.0682 | 0.1023 | 0.1364 | 0.1704 |
|        | 0.1898 | 0.1993 | 0.2088 | 0.2183 | 0.2279 |
|        | 0.2374 | 0.2447 | 0.2510 | 0.2573 | 0.2637 |
|        | 0.2700 | 0.2764 | 0.2827 | 0.2890 | 0.2954 |
|        | 0.3017 | 0.3080 | 0.3144 | 0.3207 | 0.3271 |
|        | 0.3334 | 0.3397 | 0.3461 | 0.3524 | 0.3588 |
|        | 0.3673 | 0.3788 | 0.3902 | 0.4042 | 0.4189 |
|        | 0.4337 | 0.4484 | 0.4631 | 0.4778 | 0.5022 |
|        | 0.5615 | 0.6144 | 0.6639 | 0.7025 | 0.7485 |
|        | 0.8181 | 0.8827 | 0.9361 | 0.9681 | 1.0000 |

Transect A96

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0005 | 0.0020 | 0.0045 | 0.0080 | 0.0126 |
|       | 0.0179 | 0.0236 | 0.0296 | 0.0360 | 0.0426 |
|       | 0.0496 | 0.0569 | 0.0645 | 0.0724 | 0.0807 |
|       | 0.0940 | 0.1107 | 0.1319 | 0.1535 | 0.1755 |

|                          |        |        |        |        |        |
|--------------------------|--------|--------|--------|--------|--------|
| Hrad:                    | 0.1979 | 0.2206 | 0.2438 | 0.2673 | 0.2914 |
|                          | 0.3159 | 0.3408 | 0.3661 | 0.3916 | 0.4175 |
|                          | 0.4438 | 0.4703 | 0.4972 | 0.5244 | 0.5519 |
|                          | 0.5798 | 0.6080 | 0.6365 | 0.6652 | 0.6943 |
|                          | 0.7237 | 0.7533 | 0.7832 | 0.8134 | 0.8439 |
|                          | 0.8746 | 0.9056 | 0.9368 | 0.9683 | 1.0000 |
|                          | 0.0160 | 0.0319 | 0.0479 | 0.0639 | 0.0798 |
|                          | 0.1030 | 0.1284 | 0.1527 | 0.1762 | 0.1989 |
|                          | 0.2210 | 0.2425 | 0.2636 | 0.2842 | 0.3038 |
|                          | 0.3043 | 0.2334 | 0.1960 | 0.2243 | 0.2522 |
| Width:                   | 0.2798 | 0.3069 | 0.3325 | 0.3576 | 0.3824 |
|                          | 0.4069 | 0.4332 | 0.4592 | 0.4850 | 0.5105 |
|                          | 0.5357 | 0.5609 | 0.5858 | 0.6105 | 0.6350 |
|                          | 0.6594 | 0.6836 | 0.7084 | 0.7330 | 0.7574 |
|                          | 0.7816 | 0.8057 | 0.8296 | 0.8544 | 0.8790 |
|                          | 0.9035 | 0.9278 | 0.9520 | 0.9761 | 1.0000 |
|                          | 0.0315 | 0.0631 | 0.0946 | 0.1262 | 0.1577 |
|                          | 0.1742 | 0.1841 | 0.1940 | 0.2039 | 0.2138 |
|                          | 0.2237 | 0.2336 | 0.2435 | 0.2534 | 0.3065 |
|                          | 0.4567 | 0.6405 | 0.6734 | 0.6848 | 0.6962 |
| Transect A99<br>Area:    | 0.7077 | 0.7191 | 0.7333 | 0.7479 | 0.7625 |
|                          | 0.7768 | 0.7872 | 0.7976 | 0.8079 | 0.8183 |
|                          | 0.8287 | 0.8389 | 0.8491 | 0.8593 | 0.8695 |
|                          | 0.8797 | 0.8897 | 0.8988 | 0.9079 | 0.9171 |
|                          | 0.9262 | 0.9353 | 0.9444 | 0.9523 | 0.9603 |
|                          | 0.9682 | 0.9762 | 0.9841 | 0.9921 | 1.0000 |
|                          | 0.0003 | 0.0013 | 0.0030 | 0.0053 | 0.0082 |
|                          | 0.0117 | 0.0157 | 0.0202 | 0.0253 | 0.0308 |
|                          | 0.0370 | 0.0439 | 0.0516 | 0.0601 | 0.0690 |
|                          | 0.0783 | 0.0881 | 0.0983 | 0.1089 | 0.1199 |
| Hrad:                    | 0.1360 | 0.1539 | 0.1732 | 0.1942 | 0.2187 |
|                          | 0.2444 | 0.2705 | 0.2970 | 0.3239 | 0.3512 |
|                          | 0.3790 | 0.4073 | 0.4361 | 0.4655 | 0.4955 |
|                          | 0.5262 | 0.5576 | 0.5897 | 0.6221 | 0.6549 |
|                          | 0.6880 | 0.7214 | 0.7551 | 0.7891 | 0.8235 |
|                          | 0.8581 | 0.8931 | 0.9284 | 0.9641 | 1.0000 |
|                          | 0.0180 | 0.0360 | 0.0540 | 0.0720 | 0.0922 |
|                          | 0.1126 | 0.1324 | 0.1518 | 0.1709 | 0.1902 |
|                          | 0.2042 | 0.2156 | 0.2284 | 0.2485 | 0.2719 |
|                          | 0.2948 | 0.3173 | 0.3394 | 0.3611 | 0.3825 |
| Width:                   | 0.3866 | 0.3920 | 0.3998 | 0.3804 | 0.3081 |
|                          | 0.3404 | 0.3723 | 0.4019 | 0.4309 | 0.4597 |
|                          | 0.4881 | 0.5148 | 0.5404 | 0.5657 | 0.5903 |
|                          | 0.6123 | 0.6342 | 0.6594 | 0.6890 | 0.7183 |
|                          | 0.7474 | 0.7763 | 0.8050 | 0.8335 | 0.8617 |
|                          | 0.8897 | 0.9176 | 0.9452 | 0.9727 | 1.0000 |
|                          | 0.0183 | 0.0366 | 0.0548 | 0.0731 | 0.0889 |
|                          | 0.1035 | 0.1181 | 0.1327 | 0.1473 | 0.1615 |
|                          | 0.1804 | 0.2028 | 0.2252 | 0.2409 | 0.2526 |
|                          | 0.2644 | 0.2762 | 0.2880 | 0.2998 | 0.3325 |
| Transect T-C1<br>Area:   | 0.4767 | 0.5157 | 0.5519 | 0.6187 | 0.7095 |
|                          | 0.7178 | 0.7262 | 0.7386 | 0.7511 | 0.7637 |
|                          | 0.7762 | 0.7909 | 0.8068 | 0.8228 | 0.8395 |
|                          | 0.8594 | 0.8794 | 0.8944 | 0.9031 | 0.9119 |
|                          | 0.9206 | 0.9293 | 0.9380 | 0.9468 | 0.9557 |
|                          | 0.9645 | 0.9734 | 0.9823 | 0.9911 | 1.0000 |
|                          | 0.0033 | 0.0077 | 0.0127 | 0.0185 | 0.0259 |
|                          | 0.0358 | 0.0465 | 0.0582 | 0.0711 | 0.0868 |
|                          | 0.1055 | 0.1252 | 0.1454 | 0.1660 | 0.1870 |
|                          | 0.2083 | 0.2300 | 0.2519 | 0.2739 | 0.2961 |
| Hrad:                    | 0.3183 | 0.3407 | 0.3633 | 0.3859 | 0.4087 |
|                          | 0.4316 | 0.4546 | 0.4777 | 0.5010 | 0.5243 |
|                          | 0.5478 | 0.5713 | 0.5948 | 0.6183 | 0.6419 |
|                          | 0.6655 | 0.6892 | 0.7129 | 0.7366 | 0.7604 |
|                          | 0.7842 | 0.8080 | 0.8319 | 0.8558 | 0.8797 |
|                          | 0.9037 | 0.9277 | 0.9518 | 0.9759 | 1.0000 |
|                          | 0.0196 | 0.0400 | 0.0586 | 0.0718 | 0.0671 |
|                          | 0.0848 | 0.1011 | 0.1159 | 0.1250 | 0.1171 |
|                          | 0.1337 | 0.1523 | 0.1737 | 0.1948 | 0.2156 |
|                          | 0.2360 | 0.2563 | 0.2790 | 0.3017 | 0.3242 |
| Width:                   | 0.3465 | 0.3688 | 0.3909 | 0.4129 | 0.4348 |
|                          | 0.4566 | 0.4782 | 0.4997 | 0.5212 | 0.5427 |
|                          | 0.5660 | 0.5892 | 0.6124 | 0.6355 | 0.6586 |
|                          | 0.6817 | 0.7047 | 0.7277 | 0.7506 | 0.7735 |
|                          | 0.7963 | 0.8191 | 0.8419 | 0.8646 | 0.8873 |
|                          | 0.9099 | 0.9325 | 0.9550 | 0.9775 | 1.0000 |
|                          | 0.1708 | 0.1953 | 0.2198 | 0.2604 | 0.3900 |
|                          | 0.4258 | 0.4641 | 0.5073 | 0.5744 | 0.7492 |
|                          | 0.7967 | 0.8302 | 0.8452 | 0.8603 | 0.8753 |
|                          | 0.8904 | 0.9052 | 0.9102 | 0.9153 | 0.9203 |
| Transect T-C108<br>Area: | 0.9254 | 0.9304 | 0.9355 | 0.9406 | 0.9456 |
|                          | 0.9507 | 0.9557 | 0.9608 | 0.9658 | 0.9705 |
|                          | 0.9720 | 0.9734 | 0.9749 | 0.9764 | 0.9779 |
|                          | 0.9793 | 0.9808 | 0.9823 | 0.9838 | 0.9852 |
|                          | 0.9867 | 0.9882 | 0.9897 | 0.9911 | 0.9926 |
|                          | 0.9941 | 0.9956 | 0.9970 | 0.9985 | 1.0000 |
|                          | 0.1708 | 0.1953 | 0.2198 | 0.2604 | 0.3900 |
|                          | 0.4258 | 0.4641 | 0.5073 | 0.5744 | 0.7492 |
|                          | 0.7967 | 0.8302 | 0.8452 | 0.8603 | 0.8753 |
|                          | 0.8904 | 0.9052 | 0.9102 | 0.9153 | 0.9203 |

|                 |        |        |        |        |        |
|-----------------|--------|--------|--------|--------|--------|
| Hrad:           | 0.0010 | 0.0027 | 0.0051 | 0.0084 | 0.0128 |
|                 | 0.0180 | 0.0241 | 0.0310 | 0.0392 | 0.0486 |
|                 | 0.0585 | 0.0694 | 0.0815 | 0.0943 | 0.1079 |
|                 | 0.1237 | 0.1416 | 0.1608 | 0.1806 | 0.2009 |
|                 | 0.2218 | 0.2440 | 0.2673 | 0.2915 | 0.3169 |
|                 | 0.3430 | 0.3693 | 0.3956 | 0.4221 | 0.4486 |
|                 | 0.4752 | 0.5018 | 0.5286 | 0.5554 | 0.5823 |
|                 | 0.6093 | 0.6364 | 0.6636 | 0.6908 | 0.7182 |
|                 | 0.7456 | 0.7731 | 0.8007 | 0.8285 | 0.8566 |
|                 | 0.8849 | 0.9134 | 0.9422 | 0.9711 | 1.0000 |
| Width:          | 0.0195 | 0.0388 | 0.0546 | 0.0662 | 0.0832 |
|                 | 0.1003 | 0.1164 | 0.1320 | 0.1252 | 0.1464 |
|                 | 0.1669 | 0.1727 | 0.1940 | 0.2130 | 0.2255 |
|                 | 0.2200 | 0.2257 | 0.2462 | 0.2684 | 0.2905 |
|                 | 0.3123 | 0.3157 | 0.3323 | 0.3495 | 0.3520 |
|                 | 0.3798 | 0.4075 | 0.4352 | 0.4627 | 0.4902 |
|                 | 0.5176 | 0.5449 | 0.5721 | 0.5992 | 0.6262 |
|                 | 0.6532 | 0.6801 | 0.7069 | 0.7336 | 0.7602 |
|                 | 0.7868 | 0.8133 | 0.8374 | 0.8589 | 0.8803 |
|                 | 0.9016 | 0.9227 | 0.9455 | 0.9728 | 1.0000 |
| Transect T-C111 |        |        |        |        |        |
| Area:           | 0.0507 | 0.0711 | 0.0940 | 0.1343 | 0.1669 |
|                 | 0.1959 | 0.2250 | 0.2535 | 0.3146 | 0.3333 |
|                 | 0.3520 | 0.4050 | 0.4294 | 0.4566 | 0.4958 |
|                 | 0.5806 | 0.6468 | 0.6741 | 0.6953 | 0.7129 |
|                 | 0.7305 | 0.7907 | 0.8214 | 0.8502 | 0.9031 |
|                 | 0.9060 | 0.9088 | 0.9117 | 0.9146 | 0.9174 |
|                 | 0.9203 | 0.9231 | 0.9260 | 0.9289 | 0.9317 |
|                 | 0.9346 | 0.9375 | 0.9403 | 0.9432 | 0.9461 |
|                 | 0.9489 | 0.9518 | 0.9573 | 0.9657 | 0.9741 |
|                 | 0.9825 | 0.9909 | 0.9974 | 0.9987 | 1.0000 |
| Hrad:           | 0.0006 | 0.0024 | 0.0051 | 0.0088 | 0.0142 |
|                 | 0.0224 | 0.0317 | 0.0421 | 0.0536 | 0.0665 |
|                 | 0.0801 | 0.0942 | 0.1089 | 0.1240 | 0.1401 |
|                 | 0.1571 | 0.1757 | 0.1956 | 0.2158 | 0.2364 |
|                 | 0.2571 | 0.2782 | 0.2997 | 0.3217 | 0.3442 |
|                 | 0.3674 | 0.3914 | 0.4162 | 0.4413 | 0.4665 |
|                 | 0.4919 | 0.5175 | 0.5432 | 0.5691 | 0.5951 |
|                 | 0.6213 | 0.6476 | 0.6740 | 0.7005 | 0.7272 |
|                 | 0.7540 | 0.7809 | 0.8080 | 0.8351 | 0.8624 |
|                 | 0.8898 | 0.9172 | 0.9448 | 0.9723 | 1.0000 |
| Width:          | 0.0139 | 0.0297 | 0.0435 | 0.0561 | 0.0690 |
|                 | 0.0701 | 0.0897 | 0.1063 | 0.1223 | 0.1387 |
|                 | 0.1600 | 0.1819 | 0.2034 | 0.2207 | 0.2352 |
|                 | 0.2526 | 0.2499 | 0.2695 | 0.2937 | 0.3176 |
|                 | 0.3413 | 0.3632 | 0.3822 | 0.4009 | 0.4216 |
|                 | 0.4417 | 0.4609 | 0.4621 | 0.4866 | 0.5109 |
|                 | 0.5351 | 0.5594 | 0.5838 | 0.6082 | 0.6324 |
|                 | 0.6565 | 0.6810 | 0.7054 | 0.7297 | 0.7538 |
|                 | 0.7779 | 0.8019 | 0.8258 | 0.8496 | 0.8742 |
|                 | 0.8995 | 0.9247 | 0.9499 | 0.9750 | 1.0000 |
| Transect T-C118 |        |        |        |        |        |
| Area:           | 0.0442 | 0.0799 | 0.1165 | 0.1582 | 0.2545 |
|                 | 0.3199 | 0.3543 | 0.3968 | 0.4397 | 0.4806 |
|                 | 0.5019 | 0.5192 | 0.5364 | 0.5632 | 0.5969 |
|                 | 0.6387 | 0.7048 | 0.7271 | 0.7364 | 0.7457 |
|                 | 0.7550 | 0.7673 | 0.7856 | 0.8039 | 0.8216 |
|                 | 0.8520 | 0.8824 | 0.9021 | 0.9083 | 0.9144 |
|                 | 0.9205 | 0.9263 | 0.9316 | 0.9368 | 0.9420 |
|                 | 0.9472 | 0.9517 | 0.9562 | 0.9607 | 0.9652 |
|                 | 0.9697 | 0.9742 | 0.9787 | 0.9833 | 0.9867 |
|                 | 0.9894 | 0.9920 | 0.9947 | 0.9973 | 1.0000 |
| Hrad:           | 0.0001 | 0.0004 | 0.0009 | 0.0016 | 0.0026 |
|                 | 0.0054 | 0.0096 | 0.0149 | 0.0213 | 0.0309 |
|                 | 0.0433 | 0.0563 | 0.0700 | 0.0846 | 0.0999 |
|                 | 0.1156 | 0.1316 | 0.1480 | 0.1649 | 0.1823 |
|                 | 0.2011 | 0.2205 | 0.2402 | 0.2603 | 0.2807 |
|                 | 0.3016 | 0.3228 | 0.3443 | 0.3660 | 0.3881 |
|                 | 0.4111 | 0.4353 | 0.4599 | 0.4850 | 0.5108 |
|                 | 0.5389 | 0.5685 | 0.5987 | 0.6295 | 0.6607 |
|                 | 0.6926 | 0.7261 | 0.7599 | 0.7938 | 0.8278 |
|                 | 0.8620 | 0.8963 | 0.9308 | 0.9653 | 1.0000 |
| Width:          | 0.0174 | 0.0347 | 0.0521 | 0.0695 | 0.0810 |
|                 | 0.0734 | 0.0843 | 0.0997 | 0.1123 | 0.1009 |
|                 | 0.1251 | 0.1508 | 0.1750 | 0.1983 | 0.2240 |
|                 | 0.2544 | 0.2833 | 0.3096 | 0.3350 | 0.3580 |
|                 | 0.3643 | 0.3927 | 0.4207 | 0.4472 | 0.4730 |
|                 | 0.4990 | 0.5269 | 0.5545 | 0.5819 | 0.6022 |
|                 | 0.5965 | 0.6210 | 0.6452 | 0.6659 | 0.6841 |
|                 | 0.6384 | 0.6629 | 0.6841 | 0.7063 | 0.7299 |
|                 | 0.7435 | 0.7500 | 0.7815 | 0.8128 | 0.8441 |
|                 | 0.8752 | 0.9061 | 0.9371 | 0.9686 | 1.0000 |
| Width:          | 0.0056 | 0.0112 | 0.0168 | 0.0224 | 0.0476 |
|                 | 0.1061 | 0.1359 | 0.1657 | 0.2046 | 0.3467 |
|                 | 0.3660 | 0.3841 | 0.4074 | 0.4321 | 0.4474 |
|                 | 0.4557 | 0.4659 | 0.4794 | 0.4936 | 0.5107 |
|                 | 0.5536 | 0.5630 | 0.5725 | 0.5835 | 0.5951 |
|                 | 0.6060 | 0.6142 | 0.6224 | 0.6306 | 0.6462 |
|                 | 0.6910 | 0.7029 | 0.7147 | 0.7302 | 0.7685 |
|                 | 0.8464 | 0.8599 | 0.8775 | 0.8936 | 0.9074 |

|                    |        |        |        |        |        |
|--------------------|--------|--------|--------|--------|--------|
|                    | 0.9336 | 0.9701 | 0.9741 | 0.9780 | 0.9820 |
|                    | 0.9859 | 0.9899 | 0.9937 | 0.9968 | 1.0000 |
| Transect T-C1450_1 |        |        |        |        |        |
| Area:              | 0.0002 | 0.0006 | 0.0014 | 0.0024 | 0.0040 |
|                    | 0.0066 | 0.0105 | 0.0155 | 0.0212 | 0.0274 |
|                    | 0.0347 | 0.0439 | 0.0545 | 0.0663 | 0.0792 |
|                    | 0.0926 | 0.1064 | 0.1212 | 0.1374 | 0.1554 |
|                    | 0.1746 | 0.1949 | 0.2163 | 0.2391 | 0.2629 |
|                    | 0.2874 | 0.3126 | 0.3387 | 0.3655 | 0.3926 |
|                    | 0.4199 | 0.4473 | 0.4749 | 0.5031 | 0.5322 |
|                    | 0.5623 | 0.5926 | 0.6231 | 0.6538 | 0.6846 |
|                    | 0.7155 | 0.7465 | 0.7777 | 0.8090 | 0.8405 |
|                    | 0.8723 | 0.9041 | 0.9360 | 0.9680 | 1.0000 |
| Hrad:              | 0.0160 | 0.0321 | 0.0507 | 0.0653 | 0.0631 |
|                    | 0.0636 | 0.0799 | 0.0944 | 0.1141 | 0.1408 |
|                    | 0.1615 | 0.1649 | 0.1830 | 0.1944 | 0.2030 |
|                    | 0.2275 | 0.2523 | 0.2746 | 0.2856 | 0.2640 |
|                    | 0.2934 | 0.3207 | 0.3460 | 0.3696 | 0.3927 |
|                    | 0.4155 | 0.4382 | 0.4574 | 0.4340 | 0.4639 |
|                    | 0.4933 | 0.5226 | 0.5451 | 0.5716 | 0.5981 |
|                    | 0.5973 | 0.6252 | 0.6535 | 0.6825 | 0.7117 |
|                    | 0.7409 | 0.7700 | 0.7989 | 0.8278 | 0.8489 |
|                    | 0.8794 | 0.9096 | 0.9398 | 0.9699 | 1.0000 |
| Width:             | 0.0097 | 0.0194 | 0.0274 | 0.0364 | 0.0641 |
|                    | 0.1036 | 0.1413 | 0.1647 | 0.1861 | 0.2072 |
|                    | 0.2554 | 0.3060 | 0.3489 | 0.3898 | 0.4106 |
|                    | 0.4237 | 0.4428 | 0.4823 | 0.5284 | 0.5892 |
|                    | 0.6188 | 0.6451 | 0.6941 | 0.7289 | 0.7519 |
|                    | 0.7792 | 0.7960 | 0.8286 | 0.8430 | 0.8472 |
|                    | 0.8518 | 0.8566 | 0.8720 | 0.8891 | 0.9290 |
|                    | 0.9421 | 0.9486 | 0.9542 | 0.9587 | 0.9626 |
|                    | 0.9664 | 0.9703 | 0.9742 | 0.9780 | 0.9907 |
|                    | 0.9925 | 0.9943 | 0.9962 | 0.9981 | 1.0000 |
| Transect T-C61     |        |        |        |        |        |
| Area:              | 0.0027 | 0.0075 | 0.0149 | 0.0282 | 0.0418 |
|                    | 0.0557 | 0.0698 | 0.0842 | 0.0989 | 0.1139 |
|                    | 0.1292 | 0.1449 | 0.1612 | 0.1780 | 0.1955 |
|                    | 0.2134 | 0.2316 | 0.2502 | 0.2692 | 0.2886 |
|                    | 0.3084 | 0.3287 | 0.3495 | 0.3706 | 0.3921 |
|                    | 0.4139 | 0.4362 | 0.4589 | 0.4822 | 0.5060 |
|                    | 0.5300 | 0.5540 | 0.5781 | 0.6023 | 0.6266 |
|                    | 0.6510 | 0.6754 | 0.6999 | 0.7245 | 0.7492 |
|                    | 0.7739 | 0.7987 | 0.8236 | 0.8485 | 0.8736 |
|                    | 0.8987 | 0.9239 | 0.9492 | 0.9745 | 1.0000 |
| Hrad:              | 0.0161 | 0.0376 | 0.0298 | 0.0551 | 0.0799 |
|                    | 0.1041 | 0.1280 | 0.1514 | 0.1744 | 0.1970 |
|                    | 0.2193 | 0.2371 | 0.2541 | 0.2709 | 0.2883 |
|                    | 0.3089 | 0.3292 | 0.3490 | 0.3666 | 0.3840 |
|                    | 0.4012 | 0.4182 | 0.4351 | 0.4542 | 0.4735 |
|                    | 0.4908 | 0.5056 | 0.5203 | 0.5350 | 0.5515 |
|                    | 0.5751 | 0.5986 | 0.6220 | 0.6453 | 0.6684 |
|                    | 0.6914 | 0.7144 | 0.7372 | 0.7598 | 0.7824 |
|                    | 0.8049 | 0.8272 | 0.8495 | 0.8716 | 0.8937 |
|                    | 0.9156 | 0.9374 | 0.9584 | 0.9792 | 1.0000 |
| Width:             | 0.1718 | 0.2047 | 0.5155 | 0.5265 | 0.5375 |
|                    | 0.5486 | 0.5596 | 0.5707 | 0.5817 | 0.5927 |
|                    | 0.6038 | 0.6261 | 0.6497 | 0.6734 | 0.6948 |
|                    | 0.7077 | 0.7206 | 0.7340 | 0.7517 | 0.7693 |
|                    | 0.7869 | 0.8046 | 0.8222 | 0.8352 | 0.8473 |
|                    | 0.8627 | 0.8824 | 0.9022 | 0.9219 | 0.9380 |
|                    | 0.9410 | 0.9439 | 0.9469 | 0.9499 | 0.9528 |
|                    | 0.9558 | 0.9588 | 0.9618 | 0.9647 | 0.9677 |
|                    | 0.9707 | 0.9736 | 0.9766 | 0.9796 | 0.9825 |
|                    | 0.9855 | 0.9885 | 0.9923 | 0.9962 | 1.0000 |
| Transect T-C71     |        |        |        |        |        |
| Area:              | 0.0071 | 0.0144 | 0.0220 | 0.0298 | 0.0378 |
|                    | 0.0461 | 0.0546 | 0.0634 | 0.0724 | 0.0817 |
|                    | 0.0911 | 0.1009 | 0.1108 | 0.1211 | 0.1315 |
|                    | 0.1422 | 0.1531 | 0.1643 | 0.1757 | 0.1874 |
|                    | 0.1993 | 0.2118 | 0.2247 | 0.2382 | 0.2521 |
|                    | 0.2666 | 0.2815 | 0.2970 | 0.3130 | 0.3296 |
|                    | 0.3468 | 0.3647 | 0.3851 | 0.4096 | 0.4373 |
|                    | 0.4664 | 0.4961 | 0.5266 | 0.5579 | 0.5901 |
|                    | 0.6232 | 0.6571 | 0.6935 | 0.7328 | 0.7748 |
|                    | 0.8195 | 0.8645 | 0.9096 | 0.9548 | 1.0000 |
| Hrad:              | 0.0446 | 0.0877 | 0.1295 | 0.1702 | 0.2098 |
|                    | 0.2483 | 0.2860 | 0.3229 | 0.3590 | 0.3944 |
|                    | 0.4291 | 0.4633 | 0.4969 | 0.5299 | 0.5625 |
|                    | 0.5947 | 0.6264 | 0.6577 | 0.6886 | 0.7192 |
|                    | 0.7393 | 0.7542 | 0.7697 | 0.7856 | 0.8021 |
|                    | 0.8190 | 0.8362 | 0.8538 | 0.8678 | 0.8803 |
|                    | 0.8936 | 0.9075 | 0.9158 | 0.9154 | 0.6899 |
|                    | 0.7179 | 0.7456 | 0.7712 | 0.7949 | 0.8185 |
|                    | 0.8420 | 0.8579 | 0.8254 | 0.8179 | 0.8027 |
|                    | 0.8247 | 0.8686 | 0.9125 | 0.9563 | 1.0000 |
| Width:             | 0.1592 | 0.1645 | 0.1698 | 0.1751 | 0.1804 |
|                    | 0.1857 | 0.1911 | 0.1964 | 0.2017 | 0.2070 |
|                    | 0.2123 | 0.2176 | 0.2230 | 0.2283 | 0.2336 |
|                    | 0.2389 | 0.2442 | 0.2495 | 0.2549 | 0.2602 |

|                |        |        |        |        |        |
|----------------|--------|--------|--------|--------|--------|
|                | 0.2692 | 0.2804 | 0.2916 | 0.3027 | 0.3139 |
|                | 0.3251 | 0.3362 | 0.3474 | 0.3602 | 0.3739 |
|                | 0.3877 | 0.4014 | 0.5055 | 0.5793 | 0.6337 |
|                | 0.6495 | 0.6652 | 0.6826 | 0.7017 | 0.7208 |
|                | 0.7399 | 0.7658 | 0.8401 | 0.8959 | 0.9654 |
|                | 0.9938 | 0.9954 | 0.9969 | 0.9985 | 1.0000 |
| Transect T-C74 |        |        |        |        |        |
| Area:          | 0.0006 | 0.0026 | 0.0057 | 0.0095 | 0.0138 |
|                | 0.0186 | 0.0240 | 0.0298 | 0.0362 | 0.0430 |
|                | 0.0505 | 0.0589 | 0.0686 | 0.0793 | 0.0911 |
|                | 0.1039 | 0.1177 | 0.1330 | 0.1500 | 0.1681 |
|                | 0.1870 | 0.2067 | 0.2271 | 0.2483 | 0.2701 |
|                | 0.2924 | 0.3152 | 0.3386 | 0.3625 | 0.3870 |
|                | 0.4120 | 0.4375 | 0.4635 | 0.4902 | 0.5174 |
|                | 0.5451 | 0.5734 | 0.6023 | 0.6318 | 0.6618 |
|                | 0.6926 | 0.7242 | 0.7566 | 0.7897 | 0.8236 |
|                | 0.8582 | 0.8932 | 0.9285 | 0.9641 | 1.0000 |
| Hrad:          | 0.0181 | 0.0362 | 0.0582 | 0.0848 | 0.1094 |
|                | 0.1327 | 0.1550 | 0.1766 | 0.1977 | 0.2183 |
|                | 0.2306 | 0.2350 | 0.2425 | 0.2538 | 0.2678 |
|                | 0.2825 | 0.2970 | 0.2977 | 0.3064 | 0.3288 |
|                | 0.3508 | 0.3726 | 0.3936 | 0.4176 | 0.4432 |
|                | 0.4684 | 0.4932 | 0.5178 | 0.5420 | 0.5660 |
|                | 0.5898 | 0.6131 | 0.6358 | 0.6583 | 0.6806 |
|                | 0.7027 | 0.7247 | 0.7465 | 0.7682 | 0.7855 |
|                | 0.8021 | 0.8187 | 0.8353 | 0.8520 | 0.8688 |
|                | 0.8895 | 0.9175 | 0.9452 | 0.9727 | 1.0000 |
| Width:         | 0.0355 | 0.0711 | 0.0984 | 0.1126 | 0.1267 |
|                | 0.1409 | 0.1551 | 0.1692 | 0.1834 | 0.1976 |
|                | 0.2193 | 0.2515 | 0.2836 | 0.3136 | 0.3414 |
|                | 0.3692 | 0.3978 | 0.4483 | 0.4915 | 0.5133 |
|                | 0.5350 | 0.5568 | 0.5792 | 0.5969 | 0.6117 |
|                | 0.6266 | 0.6415 | 0.6563 | 0.6712 | 0.6860 |
|                | 0.7009 | 0.7159 | 0.7315 | 0.7471 | 0.7627 |
|                | 0.7783 | 0.7939 | 0.8094 | 0.8250 | 0.8452 |
|                | 0.8664 | 0.8876 | 0.9088 | 0.9300 | 0.9512 |
|                | 0.9678 | 0.9759 | 0.9839 | 0.9920 | 1.0000 |
| Transect T-C76 |        |        |        |        |        |
| Area:          | 0.0005 | 0.0019 | 0.0044 | 0.0078 | 0.0121 |
|                | 0.0175 | 0.0238 | 0.0311 | 0.0394 | 0.0490 |
|                | 0.0599 | 0.0720 | 0.0849 | 0.0985 | 0.1129 |
|                | 0.1281 | 0.1440 | 0.1606 | 0.1777 | 0.1955 |
|                | 0.2139 | 0.2328 | 0.2523 | 0.2725 | 0.2933 |
|                | 0.3148 | 0.3372 | 0.3604 | 0.3844 | 0.4092 |
|                | 0.4345 | 0.4604 | 0.4869 | 0.5140 | 0.5417 |
|                | 0.5699 | 0.5988 | 0.6280 | 0.6575 | 0.6873 |
|                | 0.7174 | 0.7477 | 0.7783 | 0.8092 | 0.8403 |
|                | 0.8717 | 0.9034 | 0.9353 | 0.9675 | 1.0000 |
| Hrad:          | 0.0163 | 0.0327 | 0.0490 | 0.0653 | 0.0817 |
|                | 0.0980 | 0.1143 | 0.1307 | 0.1437 | 0.1562 |
|                | 0.1696 | 0.1883 | 0.2091 | 0.2295 | 0.2494 |
|                | 0.2690 | 0.2889 | 0.3108 | 0.3324 | 0.3535 |
|                | 0.3744 | 0.3950 | 0.4153 | 0.4354 | 0.4517 |
|                | 0.4673 | 0.4829 | 0.4986 | 0.5143 | 0.5331 |
|                | 0.5531 | 0.5730 | 0.5928 | 0.6124 | 0.6318 |
|                | 0.6511 | 0.6709 | 0.6972 | 0.7234 | 0.7493 |
|                | 0.7751 | 0.8007 | 0.8261 | 0.8514 | 0.8765 |
|                | 0.9015 | 0.9264 | 0.9510 | 0.9756 | 1.0000 |
| Width:         | 0.0298 | 0.0595 | 0.0893 | 0.1191 | 0.1488 |
|                | 0.1786 | 0.2084 | 0.2381 | 0.2747 | 0.3143 |
|                | 0.3540 | 0.3831 | 0.4065 | 0.4299 | 0.4534 |
|                | 0.4768 | 0.4991 | 0.5173 | 0.5354 | 0.5536 |
|                | 0.5717 | 0.5898 | 0.6080 | 0.6261 | 0.6496 |
|                | 0.6742 | 0.6987 | 0.7232 | 0.7478 | 0.7678 |
|                | 0.7857 | 0.8037 | 0.8216 | 0.8395 | 0.8574 |
|                | 0.8753 | 0.8924 | 0.9007 | 0.9090 | 0.9172 |
|                | 0.9255 | 0.9338 | 0.9421 | 0.9503 | 0.9586 |
|                | 0.9669 | 0.9752 | 0.9834 | 0.9917 | 1.0000 |
| Transect T-C78 |        |        |        |        |        |
| Area:          | 0.0002 | 0.0006 | 0.0014 | 0.0025 | 0.0039 |
|                | 0.0056 | 0.0076 | 0.0100 | 0.0126 | 0.0156 |
|                | 0.0198 | 0.0264 | 0.0366 | 0.0488 | 0.0616 |
|                | 0.0751 | 0.0891 | 0.1038 | 0.1196 | 0.1376 |
|                | 0.1570 | 0.1773 | 0.1985 | 0.2205 | 0.2434 |
|                | 0.2676 | 0.2928 | 0.3189 | 0.3457 | 0.3734 |
|                | 0.4018 | 0.4310 | 0.4610 | 0.4915 | 0.5223 |
|                | 0.5532 | 0.5842 | 0.6153 | 0.6466 | 0.6781 |
|                | 0.7096 | 0.7413 | 0.7732 | 0.8052 | 0.8373 |
|                | 0.8696 | 0.9020 | 0.9345 | 0.9672 | 1.0000 |
| Hrad:          | 0.0165 | 0.0330 | 0.0495 | 0.0660 | 0.0825 |
|                | 0.0990 | 0.1155 | 0.1320 | 0.1486 | 0.1651 |
|                | 0.1189 | 0.1139 | 0.1025 | 0.1299 | 0.1563 |
|                | 0.1819 | 0.2066 | 0.2269 | 0.2451 | 0.2416 |
|                | 0.2634 | 0.2848 | 0.3060 | 0.3272 | 0.3441 |
|                | 0.3602 | 0.3796 | 0.4014 | 0.4229 | 0.4441 |
|                | 0.4637 | 0.4846 | 0.5062 | 0.5333 | 0.5636 |
|                | 0.5938 | 0.6239 | 0.6537 | 0.6834 | 0.7129 |
|                | 0.7423 | 0.7715 | 0.8006 | 0.8295 | 0.8583 |
|                | 0.8869 | 0.9154 | 0.9437 | 0.9719 | 1.0000 |
| Width:         |        |        |        |        |        |

|  |        |        |        |        |        |
|--|--------|--------|--------|--------|--------|
|  | 0.0095 | 0.0189 | 0.0284 | 0.0378 | 0.0473 |
|  | 0.0568 | 0.0662 | 0.0757 | 0.0852 | 0.0946 |
|  | 0.1677 | 0.2339 | 0.3615 | 0.3802 | 0.3988 |
|  | 0.4175 | 0.4362 | 0.4630 | 0.4936 | 0.5765 |
|  | 0.6033 | 0.6300 | 0.6564 | 0.6820 | 0.7161 |
|  | 0.7521 | 0.7810 | 0.8044 | 0.8278 | 0.8511 |
|  | 0.8771 | 0.9004 | 0.9218 | 0.9326 | 0.9368 |
|  | 0.9411 | 0.9453 | 0.9495 | 0.9537 | 0.9579 |
|  | 0.9621 | 0.9663 | 0.9705 | 0.9747 | 0.9789 |
|  | 0.9832 | 0.9874 | 0.9916 | 0.9958 | 1.0000 |

Transect T-C8

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0020 | 0.0042 | 0.0065 | 0.0089 | 0.0114 |
|       | 0.0141 | 0.0169 | 0.0198 | 0.0228 | 0.0260 |
|       | 0.0296 | 0.0342 | 0.0416 | 0.0496 | 0.0591 |
|       | 0.0706 | 0.0864 | 0.1054 | 0.1266 | 0.1508 |
|       | 0.1766 | 0.2026 | 0.2288 | 0.2552 | 0.2817 |
|       | 0.3085 | 0.3354 | 0.3625 | 0.3897 | 0.4171 |
|       | 0.4447 | 0.4724 | 0.5003 | 0.5284 | 0.5567 |
|       | 0.5852 | 0.6139 | 0.6427 | 0.6717 | 0.7009 |
|       | 0.7302 | 0.7596 | 0.7892 | 0.8190 | 0.8489 |
|       | 0.8789 | 0.9091 | 0.9393 | 0.9696 | 1.0000 |

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0296 | 0.0575 | 0.0840 | 0.1092 | 0.1334 |
|       | 0.1567 | 0.1792 | 0.2011 | 0.2223 | 0.2431 |
|       | 0.2294 | 0.2008 | 0.1638 | 0.1826 | 0.1987 |
|       | 0.2100 | 0.1723 | 0.1752 | 0.1960 | 0.1797 |
|       | 0.2084 | 0.2370 | 0.2656 | 0.2943 | 0.3228 |
|       | 0.3511 | 0.3793 | 0.4072 | 0.4351 | 0.4629 |
|       | 0.4907 | 0.5183 | 0.5451 | 0.5718 | 0.5983 |
|       | 0.6247 | 0.6509 | 0.6775 | 0.7045 | 0.7313 |
|       | 0.7580 | 0.7845 | 0.8110 | 0.8374 | 0.8636 |
|       | 0.8897 | 0.9174 | 0.9450 | 0.9726 | 1.0000 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.0687 | 0.0729 | 0.0771 | 0.0813 | 0.0855 |
|        | 0.0897 | 0.0939 | 0.0981 | 0.1023 | 0.1065 |
|        | 0.1283 | 0.2159 | 0.2541 | 0.2811 | 0.3420 |
|        | 0.4525 | 0.5612 | 0.6751 | 0.7321 | 0.8428 |
|        | 0.8504 | 0.8579 | 0.8645 | 0.8701 | 0.8758 |
|        | 0.8815 | 0.8871 | 0.8928 | 0.8984 | 0.9037 |
|        | 0.9087 | 0.9139 | 0.9202 | 0.9265 | 0.9328 |
|        | 0.9390 | 0.9453 | 0.9509 | 0.9557 | 0.9606 |
|        | 0.9654 | 0.9703 | 0.9752 | 0.9800 | 0.9849 |
|        | 0.9897 | 0.9923 | 0.9948 | 0.9974 | 1.0000 |

Transect T-C84

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

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

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

Transect T-C97

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

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0186 | 0.0372 | 0.0558 | 0.0743 | 0.0929 |
|       | 0.1115 | 0.1301 | 0.1487 | 0.1692 | 0.1902 |
|       | 0.2107 | 0.2309 | 0.2509 | 0.2144 | 0.2164 |
|       | 0.2259 | 0.2166 | 0.2089 | 0.2035 | 0.2262 |
|       | 0.2366 | 0.2536 | 0.2749 | 0.3011 | 0.3257 |
|       | 0.3428 | 0.3648 | 0.3921 | 0.4034 | 0.4295 |
|       | 0.4576 | 0.4822 | 0.5076 | 0.5349 | 0.5646 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
|        | 0.5941 | 0.6003 | 0.6342 | 0.6678 | 0.7013 |
|        | 0.7346 | 0.7678 | 0.8009 | 0.8339 | 0.8667 |
|        | 0.8993 | 0.9310 | 0.9613 | 0.9912 | 1.0000 |
| Width: |        |        |        |        |        |
|        | 0.0092 | 0.0184 | 0.0277 | 0.0369 | 0.0461 |
|        | 0.0553 | 0.0645 | 0.0738 | 0.0819 | 0.0896 |
|        | 0.0973 | 0.1050 | 0.1127 | 0.1535 | 0.1813 |
|        | 0.2167 | 0.2914 | 0.3821 | 0.4108 | 0.4394 |
|        | 0.4942 | 0.5363 | 0.5697 | 0.5921 | 0.6163 |
|        | 0.6554 | 0.6840 | 0.7023 | 0.7491 | 0.7696 |
|        | 0.7856 | 0.8071 | 0.8267 | 0.8426 | 0.8542 |
|        | 0.8658 | 0.9125 | 0.9171 | 0.9218 | 0.9264 |
|        | 0.9311 | 0.9356 | 0.9400 | 0.9444 | 0.9489 |
|        | 0.9533 | 0.9586 | 0.9651 | 0.9824 | 1.0000 |

Transect T-SMC14

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

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

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

Transect T-U012001

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

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

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

\*\*\*\*\*  
Analysis Options  
\*\*\*\*\*  
Flow Units ..... CMS  
Process Models:  
  Rainfall/Runoff ..... YES  
  RDII ..... NO  
  Snowmelt ..... NO  
  Groundwater ..... NO  
  Flow Routing ..... YES  
  Ponding Allowed ..... NO  
  Water Quality ..... NO  
Infiltration Method ..... CURVE\_NUMBER  
Flow Routing Method ..... DYNWAVE

| *****                      | Volume    | Depth   |
|----------------------------|-----------|---------|
| Runoff Quantity Continuity | hectare-m | mm      |
| *****                      | -----     | -----   |
| Total Precipitation .....  | 9.869     | 103.500 |
| Evaporation Loss .....     | 0.000     | 0.000   |
| Infiltration Loss .....    | 4.864     | 51.010  |
| Surface Runoff .....       | 4.893     | 51.313  |
| Final Storage .....        | 0.123     | 1.293   |
| Continuity Error (%) ..... | -0.112    |         |

```
*****
Highest Continuity Errors
*****
Node T015001 (2.18%)
Node T013042 (1.33%)
Node T013044 (1.09%)
```

```
*****
Highest Flow Instability Indexes
*****
Link OFC_CC600 (11)
Link OFA_CC700 (2)
```

```

*****
Routing Time Step Summary
*****
Minimum Time Step      :      0.00 sec
Average Time Step      :      2.38 sec
Maximum Time Step      :      5.00 sec
% of Time in Steady State :      0.00
Average Iterations per Step :      2.00
% of Steps Not Converging :      0.00
Time Step Frequencies  :
    5.000 - 3.155 sec :      40.63 %
    3.155 - 1.991 sec :      19.29 %
    1.991 - 1.256 sec :       4.64 %
    1.256 - 0.792 sec :      31.85 %
    0.792 - 0.500 sec :       3.58 %

```

[illegible]

|                    |        |       |      |       |       |       |       |      |      |
|--------------------|--------|-------|------|-------|-------|-------|-------|------|------|
| G009005_1<br>0.453 | 103.50 | 0.00  | 0.00 | 55.43 | 7.14  | 39.70 | 46.85 | 1.28 | 0.22 |
| G009005_2<br>0.459 | 103.50 | 0.00  | 0.00 | 54.87 | 7.14  | 40.31 | 47.46 | 0.74 | 0.19 |
| G012001<br>0.454   | 103.50 | 0.00  | 0.00 | 55.32 | 7.14  | 39.83 | 46.97 | 1.43 | 0.27 |
| G013006<br>0.457   | 103.50 | 0.00  | 0.00 | 55.03 | 7.14  | 40.13 | 47.28 | 0.45 | 0.10 |
| G013007<br>0.456   | 103.50 | 0.00  | 0.00 | 55.11 | 7.14  | 40.03 | 47.17 | 1.11 | 0.23 |
| G013012<br>0.459   | 103.50 | 0.00  | 0.00 | 54.84 | 7.14  | 40.34 | 47.48 | 0.69 | 0.18 |
| G013016_1<br>0.455 | 103.50 | 0.00  | 0.00 | 55.19 | 7.15  | 39.96 | 47.11 | 0.93 | 0.19 |
| G013016_2<br>0.459 | 103.50 | 0.00  | 0.00 | 54.84 | 7.14  | 40.32 | 47.46 | 0.72 | 0.19 |
| G013024<br>0.458   | 103.50 | 0.00  | 0.00 | 54.87 | 7.14  | 40.31 | 47.45 | 1.05 | 0.27 |
| G013031<br>0.458   | 103.50 | 0.00  | 0.00 | 54.87 | 7.14  | 40.31 | 47.45 | 1.13 | 0.29 |
| G013032<br>0.460   | 103.50 | 0.00  | 0.00 | 54.74 | 7.14  | 40.45 | 47.59 | 0.80 | 0.23 |
| G013033<br>0.458   | 103.50 | 0.00  | 0.00 | 54.90 | 7.14  | 40.26 | 47.40 | 1.35 | 0.34 |
| G013037<br>0.460   | 103.50 | 0.00  | 0.00 | 54.69 | 7.14  | 40.51 | 47.65 | 1.04 | 0.31 |
| G013042<br>0.458   | 103.50 | 0.00  | 0.00 | 54.90 | 7.14  | 40.27 | 47.41 | 0.66 | 0.17 |
| G013043<br>0.461   | 103.50 | 0.00  | 0.00 | 54.61 | 7.14  | 40.61 | 47.75 | 0.98 | 0.32 |
| G013045<br>0.459   | 103.50 | 0.00  | 0.00 | 54.79 | 7.14  | 40.40 | 47.54 | 0.88 | 0.24 |
| G014001<br>0.455   | 103.50 | 0.00  | 0.00 | 55.22 | 7.14  | 39.92 | 47.06 | 1.57 | 0.31 |
| G015001_1<br>0.459 | 103.50 | 0.00  | 0.00 | 54.84 | 7.14  | 40.34 | 47.48 | 0.61 | 0.16 |
| G015001_2<br>0.454 | 103.50 | 0.00  | 0.00 | 55.27 | 7.14  | 39.86 | 47.00 | 0.59 | 0.11 |
| G015003_1<br>0.458 | 103.50 | 0.00  | 0.00 | 54.92 | 7.14  | 40.25 | 47.39 | 0.75 | 0.19 |
| G015003_2<br>0.460 | 103.50 | 0.00  | 0.00 | 54.71 | 7.14  | 40.49 | 47.63 | 0.58 | 0.17 |
| G016003_1<br>0.458 | 103.50 | 0.00  | 0.00 | 54.87 | 7.14  | 40.29 | 47.44 | 0.48 | 0.12 |
| G016003_2<br>0.456 | 103.50 | 0.00  | 0.00 | 55.14 | 7.14  | 40.02 | 47.16 | 0.78 | 0.16 |
| S1<br>0.462        | 103.50 | 0.00  | 0.00 | 54.58 | 7.14  | 40.64 | 47.78 | 0.20 | 0.07 |
| S1_1<br>0.461      | 103.50 | 0.00  | 0.00 | 54.63 | 7.14  | 40.58 | 47.72 | 0.07 | 0.02 |
| S1_10<br>0.462     | 103.50 | 0.00  | 0.00 | 54.53 | 7.14  | 40.72 | 47.86 | 0.04 | 0.01 |
| S1_2<br>0.464      | 103.50 | 0.00  | 0.00 | 54.39 | 7.14  | 40.87 | 48.01 | 0.10 | 0.04 |
| S1_3<br>0.456      | 103.50 | 0.00  | 0.00 | 55.14 | 7.14  | 40.01 | 47.15 | 0.34 | 0.07 |
| S1_4<br>0.456      | 103.50 | 0.00  | 0.00 | 55.14 | 7.14  | 40.01 | 47.15 | 0.22 | 0.05 |
| S1_5<br>0.460      | 103.50 | 0.00  | 0.00 | 54.74 | 7.14  | 40.44 | 47.58 | 0.15 | 0.04 |
| S1_6<br>0.460      | 103.50 | 0.00  | 0.00 | 54.77 | 7.14  | 40.43 | 47.57 | 0.12 | 0.03 |
| S1_7<br>0.459      | 103.50 | 0.00  | 0.00 | 54.84 | 7.14  | 40.32 | 47.46 | 0.21 | 0.05 |
| S1_8<br>0.455      | 103.50 | 0.00  | 0.00 | 55.14 | 7.14  | 40.00 | 47.14 | 0.11 | 0.02 |
| S10<br>0.463       | 103.50 | 0.00  | 0.00 | 54.50 | 7.14  | 40.73 | 47.88 | 0.40 | 0.14 |
| S101_2<br>0.459    | 103.50 | 0.00  | 0.00 | 54.84 | 7.14  | 40.33 | 47.47 | 0.49 | 0.13 |
| S102<br>0.459      | 103.50 | 0.00  | 0.00 | 54.84 | 7.14  | 40.34 | 47.48 | 0.42 | 0.11 |
| S11<br>0.457       | 103.50 | 0.00  | 0.00 | 54.98 | 7.14  | 40.19 | 47.34 | 0.53 | 0.13 |
| S112<br>0.461      | 103.50 | 0.00  | 0.00 | 54.66 | 7.14  | 40.54 | 47.68 | 0.24 | 0.07 |
| S113<br>0.461      | 103.50 | 0.00  | 0.00 | 54.69 | 7.14  | 40.52 | 47.66 | 0.30 | 0.09 |
| S115_2<br>0.922    | 103.50 | 0.00  | 0.00 | 6.80  | 81.96 | 13.45 | 95.41 | 0.01 | 0.00 |
| S130<br>0.462      | 103.50 | 0.00  | 0.00 | 54.58 | 7.14  | 40.63 | 47.77 | 0.30 | 0.10 |
| S132<br>0.458      | 103.50 | 0.00  | 0.00 | 54.92 | 7.14  | 40.25 | 47.39 | 0.56 | 0.14 |
| S137<br>0.455      | 103.50 | 0.00  | 0.00 | 55.24 | 7.14  | 39.91 | 47.05 | 1.02 | 0.20 |
| S15_4<br>0.464     | 103.50 | 0.00  | 0.00 | 54.39 | 7.14  | 40.88 | 48.02 | 0.09 | 0.04 |
| S16<br>0.460       | 103.50 | 0.00  | 0.00 | 54.69 | 7.14  | 40.51 | 47.65 | 0.29 | 0.09 |
| S18<br>0.462       | 103.50 | 0.00  | 0.00 | 54.58 | 7.14  | 40.63 | 47.77 | 0.26 | 0.08 |
| S19<br>0.461       | 103.50 | 0.00  | 0.00 | 54.61 | 7.14  | 40.61 | 47.75 | 0.28 | 0.09 |
| S2<br>0.462        | 103.50 | 0.00  | 0.00 | 54.58 | 7.14  | 40.64 | 47.78 | 0.20 | 0.07 |
| S2_13<br>0.919     | 103.50 | 0.00  | 0.00 | 6.80  | 81.64 | 13.47 | 95.11 | 0.02 | 0.01 |
| S2_14<br>0.919     | 103.50 | 0.00  | 0.00 | 6.80  | 81.64 | 13.47 | 95.11 | 0.03 | 0.01 |
| S2_15<br>0.456     | 103.50 | 0.00  | 0.00 | 55.08 | 7.14  | 40.07 | 47.21 | 0.10 | 0.02 |
| S2_16<br>0.533     | 103.50 | 16.26 | 0.00 | 54.79 | 8.28  | 55.53 | 63.81 | 0.36 | 0.10 |
| S2_18<br>0.465     | 103.50 | 0.00  | 0.00 | 54.29 | 7.14  | 41.02 | 48.16 | 0.07 | 0.03 |

|                 |        |       |      |       |        |       |        |      |      |
|-----------------|--------|-------|------|-------|--------|-------|--------|------|------|
| S2_19<br>0.466  | 103.50 | 0.00  | 0.00 | 54.21 | 7.15   | 41.11 | 48.26  | 0.03 | 0.02 |
| S2_20<br>0.465  | 103.50 | 0.00  | 0.00 | 54.29 | 7.14   | 41.00 | 48.14  | 0.08 | 0.03 |
| S2_22<br>0.454  | 103.50 | 0.00  | 0.00 | 55.29 | 7.14   | 39.85 | 46.99  | 0.03 | 0.01 |
| S2_23<br>0.460  | 103.50 | 0.00  | 0.00 | 54.71 | 7.14   | 40.47 | 47.61  | 0.15 | 0.04 |
| S2_24<br>0.454  | 103.50 | 0.00  | 0.00 | 55.27 | 7.14   | 39.86 | 47.01  | 0.02 | 0.00 |
| S2_25<br>0.457  | 103.50 | 0.00  | 0.00 | 55.00 | 7.14   | 40.15 | 47.29  | 0.02 | 0.00 |
| S2_26<br>0.453  | 103.50 | 0.00  | 0.00 | 55.37 | 7.14   | 39.76 | 46.91  | 0.01 | 0.00 |
| S2_30<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.03 | 0.01 |
| S2_31<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.02 | 0.01 |
| S2_32<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.02 | 0.01 |
| S2_34<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.02 | 0.01 |
| S2_35<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.02 | 0.01 |
| S2_36<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.62  | 13.45 | 95.07  | 0.04 | 0.01 |
| S2_37<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.02 | 0.01 |
| S2_38<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.03 | 0.01 |
| S2_39<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.03 | 0.01 |
| S2_4<br>0.922   | 103.50 | 0.00  | 0.00 | 6.80  | 82.00  | 13.40 | 95.40  | 0.02 | 0.01 |
| S2_40<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.02 | 0.01 |
| S2_41<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.01 | 0.01 |
| S20_1<br>0.990  | 103.50 | 0.00  | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.61 | 0.21 |
| S20_10<br>0.990 | 103.50 | 0.00  | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.61 | 0.21 |
| S20_11<br>0.990 | 103.50 | 0.00  | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.74 | 0.26 |
| S20_12<br>0.922 | 103.50 | 0.00  | 0.00 | 6.80  | 82.00  | 13.41 | 95.41  | 0.04 | 0.01 |
| S20_13<br>0.990 | 103.50 | 0.00  | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.81 | 0.28 |
| S20_2<br>0.922  | 103.50 | 0.00  | 0.00 | 6.80  | 81.98  | 13.44 | 95.43  | 0.12 | 0.04 |
| S20_3<br>0.990  | 103.50 | 0.00  | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 1.04 | 0.36 |
| S20_6<br>0.922  | 103.50 | 0.00  | 0.00 | 6.80  | 81.98  | 13.44 | 95.43  | 0.10 | 0.04 |
| S20_7<br>0.990  | 103.50 | 0.00  | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.16 | 0.05 |
| S20_8<br>0.990  | 103.50 | 0.00  | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.79 | 0.27 |
| S20_9<br>0.990  | 103.50 | 0.00  | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.62 | 0.21 |
| S22_4<br>0.921  | 103.50 | 0.00  | 0.00 | 6.80  | 81.86  | 13.48 | 95.34  | 0.03 | 0.01 |
| S22_5<br>0.921  | 103.50 | 0.00  | 0.00 | 6.80  | 81.86  | 13.48 | 95.34  | 0.05 | 0.02 |
| S23<br>0.454    | 103.50 | 0.00  | 0.00 | 55.32 | 7.14   | 39.83 | 46.97  | 1.17 | 0.22 |
| S25<br>0.457    | 103.50 | 0.00  | 0.00 | 55.03 | 7.14   | 40.13 | 47.27  | 0.58 | 0.13 |
| S29<br>0.460    | 103.50 | 0.00  | 0.00 | 54.71 | 7.14   | 40.50 | 47.64  | 0.26 | 0.08 |
| S3<br>0.571     | 103.50 | 28.67 | 0.00 | 55.51 | 9.15   | 66.31 | 75.46  | 1.00 | 0.16 |
| S33<br>0.457    | 103.50 | 0.00  | 0.00 | 55.03 | 7.14   | 40.12 | 47.26  | 0.64 | 0.14 |
| S34<br>0.460    | 103.50 | 0.00  | 0.00 | 54.74 | 7.14   | 40.44 | 47.58  | 0.72 | 0.21 |
| S36<br>0.460    | 103.50 | 0.00  | 0.00 | 54.74 | 7.14   | 40.44 | 47.59  | 0.67 | 0.19 |
| S37_2<br>0.458  | 103.50 | 0.00  | 0.00 | 54.90 | 7.14   | 40.28 | 47.42  | 0.61 | 0.15 |
| S4<br>0.461     | 103.50 | 0.00  | 0.00 | 54.63 | 7.14   | 40.58 | 47.72  | 0.07 | 0.02 |
| S44_3<br>0.460  | 103.50 | 0.00  | 0.00 | 54.69 | 7.14   | 40.52 | 47.66  | 0.32 | 0.10 |
| S45<br>0.463    | 103.50 | 0.00  | 0.00 | 54.42 | 7.14   | 40.82 | 47.96  | 0.21 | 0.08 |
| S48_1<br>0.458  | 103.50 | 0.00  | 0.00 | 54.90 | 7.14   | 40.27 | 47.41  | 0.60 | 0.15 |
| S5<br>0.460     | 103.50 | 0.00  | 0.00 | 54.71 | 7.14   | 40.47 | 47.62  | 1.27 | 0.37 |
| S51<br>0.456    | 103.50 | 0.00  | 0.00 | 55.06 | 7.14   | 40.10 | 47.25  | 0.69 | 0.15 |
| S54<br>0.462    | 103.50 | 0.00  | 0.00 | 54.58 | 7.14   | 40.63 | 47.77  | 0.30 | 0.10 |
| S56_1<br>0.465  | 103.50 | 0.00  | 0.00 | 54.29 | 7.15   | 41.00 | 48.15  | 0.14 | 0.06 |
| S6<br>0.460     | 103.50 | 0.00  | 0.00 | 54.71 | 7.14   | 40.49 | 47.63  | 0.38 | 0.11 |
| S61<br>0.455    | 103.50 | 0.00  | 0.00 | 55.22 | 7.14   | 39.93 | 47.08  | 0.37 | 0.07 |
| S63_2<br>0.462  | 103.50 | 0.00  | 0.00 | 54.58 | 7.14   | 40.64 | 47.78  | 0.16 | 0.05 |
| S63_3<br>0.463  | 103.50 | 0.00  | 0.00 | 54.45 | 7.14   | 40.82 | 47.96  | 0.18 | 0.07 |
| S65<br>0.453    | 103.50 | 0.00  | 0.00 | 55.43 | 7.14   | 39.71 | 46.86  | 0.44 | 0.08 |

|                |        |       |      |       |       |       |       |      |      |
|----------------|--------|-------|------|-------|-------|-------|-------|------|------|
| S69<br>0.455   | 103.50 | 0.00  | 0.00 | 55.19 | 7.14  | 39.95 | 47.09 | 0.60 | 0.12 |
| S7<br>0.922    | 103.50 | 0.00  | 0.00 | 6.80  | 81.97 | 13.45 | 95.42 | 0.47 | 0.17 |
| S76_3<br>0.460 | 103.50 | 0.00  | 0.00 | 54.74 | 7.14  | 40.46 | 47.60 | 0.37 | 0.11 |
| S77<br>0.459   | 103.50 | 0.00  | 0.00 | 54.79 | 7.14  | 40.40 | 47.54 | 0.24 | 0.07 |
| S8<br>0.922    | 103.50 | 0.00  | 0.00 | 6.80  | 81.98 | 13.44 | 95.42 | 0.30 | 0.11 |
| S80_3<br>0.922 | 103.50 | 0.00  | 0.00 | 6.80  | 81.99 | 13.44 | 95.43 | 0.03 | 0.01 |
| S88_2<br>0.458 | 103.50 | 0.00  | 0.00 | 54.92 | 7.14  | 40.23 | 47.37 | 0.48 | 0.12 |
| S88_3<br>0.922 | 103.50 | 0.00  | 0.00 | 6.80  | 81.96 | 13.45 | 95.41 | 0.06 | 0.02 |
| S9_1<br>0.464  | 103.50 | 0.00  | 0.00 | 54.37 | 7.14  | 40.90 | 48.04 | 0.17 | 0.07 |
| S9_10<br>0.919 | 103.50 | 0.00  | 0.00 | 6.80  | 81.64 | 13.47 | 95.11 | 0.03 | 0.01 |
| S9_2<br>0.462  | 103.50 | 0.00  | 0.00 | 54.58 | 7.14  | 40.64 | 47.78 | 0.09 | 0.03 |
| S9_3<br>0.462  | 103.50 | 0.00  | 0.00 | 54.58 | 7.14  | 40.64 | 47.78 | 0.12 | 0.04 |
| S9_4<br>0.545  | 103.50 | 18.23 | 0.00 | 54.34 | 8.43  | 57.91 | 66.34 | 0.10 | 0.04 |
| S9_5<br>0.463  | 103.50 | 0.00  | 0.00 | 54.47 | 7.14  | 40.76 | 47.90 | 0.13 | 0.05 |
| S9_6<br>0.523  | 103.50 | 14.15 | 0.00 | 54.92 | 8.13  | 53.41 | 61.54 | 0.15 | 0.04 |
| S9_7<br>0.550  | 103.50 | 21.85 | 0.00 | 55.22 | 8.67  | 60.27 | 68.95 | 0.09 | 0.02 |
| S9_8<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64 | 13.47 | 95.11 | 0.03 | 0.01 |
| S9_9<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64 | 13.47 | 95.11 | 0.03 | 0.01 |
| S90<br>0.458   | 103.50 | 0.00  | 0.00 | 54.92 | 7.14  | 40.26 | 47.40 | 0.25 | 0.06 |
| S91_1<br>0.922 | 103.50 | 0.00  | 0.00 | 6.80  | 81.97 | 13.45 | 95.42 | 0.05 | 0.02 |
| S91_2<br>0.464 | 103.50 | 0.00  | 0.00 | 54.42 | 7.14  | 40.83 | 47.97 | 0.11 | 0.04 |
| S92<br>0.459   | 103.50 | 0.00  | 0.00 | 54.82 | 7.14  | 40.35 | 47.49 | 0.32 | 0.09 |

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Node Depth Summary  
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| Node  | Type     | Average<br>Depth<br>Meters | Maximum<br>Depth<br>Meters | Maximum<br>HGL<br>Meters | Time of Max<br>Occurrence<br>days hr:min | Reported<br>Max Depth<br>Meters |
|-------|----------|----------------------------|----------------------------|--------------------------|------------------------------------------|---------------------------------|
| 16017 | JUNCTION | 0.32                       | 1.19                       | 94.61                    | 0 14:34                                  | 1.19                            |
| 16094 | JUNCTION | 0.00                       | 0.03                       | 92.21                    | 0 12:05                                  | 0.03                            |
| 16130 | JUNCTION | 0.32                       | 1.19                       | 94.61                    | 0 14:33                                  | 1.19                            |
| 25010 | JUNCTION | 0.04                       | 0.41                       | 94.81                    | 0 12:20                                  | 0.41                            |
| 25025 | JUNCTION | 0.05                       | 0.41                       | 95.05                    | 0 12:16                                  | 0.41                            |
| 26419 | JUNCTION | 0.09                       | 0.61                       | 94.61                    | 0 14:33                                  | 0.61                            |
| 26456 | JUNCTION | 0.15                       | 0.58                       | 94.81                    | 0 12:21                                  | 0.58                            |
| 26578 | JUNCTION | 0.00                       | 0.00                       | 95.36                    | 0 00:00                                  | 0.00                            |
| DDJ01 | JUNCTION | 0.06                       | 0.34                       | 100.71                   | 0 12:32                                  | 0.34                            |
| DDJ02 | JUNCTION | 0.08                       | 0.44                       | 100.47                   | 0 12:31                                  | 0.44                            |
| DDJ03 | JUNCTION | 0.08                       | 0.45                       | 100.36                   | 0 12:31                                  | 0.45                            |
| DDJ04 | JUNCTION | 0.08                       | 0.45                       | 100.14                   | 0 12:31                                  | 0.45                            |
| DDJ05 | JUNCTION | 0.08                       | 0.46                       | 99.84                    | 0 12:31                                  | 0.46                            |
| DDJ06 | JUNCTION | 0.07                       | 0.40                       | 99.62                    | 0 12:32                                  | 0.40                            |
| DDJ07 | JUNCTION | 0.07                       | 0.42                       | 98.80                    | 0 12:32                                  | 0.42                            |
| DDJ08 | JUNCTION | 0.07                       | 0.41                       | 98.43                    | 0 12:33                                  | 0.41                            |
| DDJ09 | JUNCTION | 0.08                       | 0.42                       | 98.28                    | 0 12:33                                  | 0.42                            |
| DDJ10 | JUNCTION | 0.07                       | 0.37                       | 98.06                    | 0 12:33                                  | 0.37                            |
| DDJ11 | JUNCTION | 0.07                       | 0.38                       | 97.85                    | 0 12:33                                  | 0.38                            |
| DDJ12 | JUNCTION | 0.08                       | 0.42                       | 97.70                    | 0 12:33                                  | 0.42                            |
| DDJ13 | JUNCTION | 0.07                       | 0.35                       | 97.38                    | 0 12:34                                  | 0.35                            |
| DDJ14 | JUNCTION | 0.07                       | 0.36                       | 96.63                    | 0 12:33                                  | 0.36                            |
| J101  | JUNCTION | 0.06                       | 0.70                       | 99.76                    | 0 12:39                                  | 0.70                            |
| J117  | JUNCTION | 0.05                       | 0.18                       | 100.63                   | 0 12:03                                  | 0.18                            |
| J14   | JUNCTION | 0.06                       | 0.30                       | 92.36                    | 0 12:07                                  | 0.30                            |
| J152  | JUNCTION | 0.01                       | 0.13                       | 102.72                   | 0 12:00                                  | 0.13                            |
| J160  | JUNCTION | 0.01                       | 0.16                       | 103.70                   | 0 12:00                                  | 0.16                            |
| J17   | JUNCTION | 0.09                       | 0.39                       | 93.12                    | 0 12:07                                  | 0.39                            |
| J2    | JUNCTION | 0.26                       | 1.11                       | 94.61                    | 0 14:33                                  | 1.11                            |
| J24   | JUNCTION | 0.00                       | 0.00                       | 96.89                    | 0 00:00                                  | 0.00                            |
| J253  | JUNCTION | 0.02                       | 0.18                       | 102.37                   | 0 12:02                                  | 0.18                            |
| J259  | JUNCTION | 0.04                       | 0.44                       | 99.76                    | 0 12:39                                  | 0.44                            |
| J26   | JUNCTION | 0.06                       | 0.37                       | 98.29                    | 0 12:00                                  | 0.37                            |
| J274  | JUNCTION | 0.05                       | 0.24                       | 91.62                    | 0 12:06                                  | 0.24                            |
| J276  | JUNCTION | 0.04                       | 0.25                       | 96.51                    | 0 12:03                                  | 0.25                            |
| J28   | JUNCTION | 0.02                       | 0.22                       | 100.55                   | 0 12:03                                  | 0.22                            |
| J29   | JUNCTION | 0.06                       | 0.51                       | 101.56                   | 0 12:02                                  | 0.51                            |
| J3    | JUNCTION | 0.02                       | 0.21                       | 102.51                   | 0 12:00                                  | 0.21                            |
| J30   | JUNCTION | 0.04                       | 0.42                       | 101.73                   | 0 12:01                                  | 0.42                            |
| J31   | JUNCTION | 0.02                       | 0.29                       | 102.10                   | 0 12:01                                  | 0.29                            |
| J32   | JUNCTION | 0.02                       | 0.23                       | 102.30                   | 0 12:01                                  | 0.23                            |
| J33   | JUNCTION | 0.08                       | 0.51                       | 95.40                    | 0 12:06                                  | 0.51                            |
| J34   | JUNCTION | 0.01                       | 0.13                       | 102.63                   | 0 12:00                                  | 0.13                            |
| J35   | JUNCTION | 0.14                       | 0.59                       | 95.36                    | 0 12:07                                  | 0.59                            |
| J36   | JUNCTION | 0.02                       | 0.29                       | 94.81                    | 0 12:20                                  | 0.29                            |
| J38   | JUNCTION | 1.01                       | 1.35                       | 98.05                    | 0 20:54                                  | 1.35                            |
| J39   | JUNCTION | 0.36                       | 0.67                       | 98.19                    | 0 12:00                                  | 0.67                            |

|         |          |      |      |        |   |       |      |
|---------|----------|------|------|--------|---|-------|------|
| J43     | JUNCTION | 0.06 | 0.29 | 95.10  | 0 | 12:07 | 0.29 |
| J46     | JUNCTION | 0.00 | 0.06 | 98.30  | 0 | 12:00 | 0.06 |
| J47     | JUNCTION | 0.60 | 0.87 | 98.08  | 0 | 20:54 | 0.87 |
| J48     | JUNCTION | 0.01 | 0.18 | 98.46  | 0 | 12:00 | 0.18 |
| J49     | JUNCTION | 0.01 | 0.11 | 101.11 | 0 | 12:00 | 0.11 |
| J5      | JUNCTION | 0.05 | 0.40 | 92.20  | 0 | 12:08 | 0.40 |
| J50     | JUNCTION | 0.01 | 0.33 | 99.16  | 0 | 12:00 | 0.33 |
| J51     | JUNCTION | 0.05 | 0.86 | 99.16  | 0 | 12:00 | 0.86 |
| J52     | JUNCTION | 0.01 | 0.17 | 100.17 | 0 | 12:00 | 0.17 |
| J53     | JUNCTION | 0.01 | 0.11 | 97.22  | 0 | 12:00 | 0.11 |
| J54     | JUNCTION | 0.02 | 0.38 | 99.47  | 0 | 12:00 | 0.38 |
| J55     | JUNCTION | 0.01 | 0.53 | 99.16  | 0 | 12:00 | 0.53 |
| J56     | JUNCTION | 0.29 | 0.63 | 98.23  | 0 | 12:00 | 0.63 |
| J58     | JUNCTION | 0.00 | 0.04 | 99.62  | 0 | 12:00 | 0.04 |
| J59     | JUNCTION | 0.00 | 0.05 | 99.15  | 0 | 12:00 | 0.05 |
| J60     | JUNCTION | 0.01 | 0.09 | 98.60  | 0 | 12:00 | 0.08 |
| J61     | JUNCTION | 0.02 | 0.19 | 98.50  | 0 | 12:00 | 0.19 |
| J62     | JUNCTION | 0.01 | 0.09 | 102.09 | 0 | 12:00 | 0.09 |
| J63     | JUNCTION | 0.01 | 0.15 | 99.75  | 0 | 12:01 | 0.15 |
| J64     | JUNCTION | 0.05 | 0.19 | 97.69  | 0 | 12:01 | 0.19 |
| J65     | JUNCTION | 0.01 | 0.17 | 99.32  | 0 | 12:01 | 0.17 |
| J66     | JUNCTION | 0.01 | 0.15 | 98.55  | 0 | 12:01 | 0.15 |
| J67     | JUNCTION | 0.02 | 0.21 | 96.21  | 0 | 12:02 | 0.21 |
| J68     | JUNCTION | 0.04 | 0.39 | 95.24  | 0 | 12:02 | 0.39 |
| J69     | JUNCTION | 0.07 | 0.48 | 95.12  | 0 | 12:03 | 0.47 |
| J70     | JUNCTION | 0.01 | 0.17 | 99.63  | 0 | 12:00 | 0.17 |
| J71     | JUNCTION | 0.03 | 0.29 | 98.29  | 0 | 12:00 | 0.29 |
| J72     | JUNCTION | 0.31 | 0.52 | 98.08  | 0 | 20:54 | 0.52 |
| J73     | JUNCTION | 0.00 | 0.00 | 99.79  | 0 | 00:00 | 0.00 |
| J8      | JUNCTION | 0.07 | 0.55 | 91.06  | 0 | 12:17 | 0.55 |
| J80     | JUNCTION | 0.04 | 0.16 | 98.24  | 0 | 12:14 | 0.16 |
| J87     | JUNCTION | 0.01 | 0.12 | 100.10 | 0 | 12:00 | 0.12 |
| J88     | JUNCTION | 0.02 | 0.28 | 101.88 | 0 | 12:01 | 0.28 |
| J89     | JUNCTION | 0.24 | 0.58 | 98.23  | 0 | 12:00 | 0.58 |
| J9      | JUNCTION | 0.26 | 0.45 | 98.08  | 0 | 20:54 | 0.45 |
| J90     | JUNCTION | 0.00 | 0.01 | 102.51 | 0 | 12:00 | 0.01 |
| J92     | JUNCTION | 0.04 | 0.24 | 98.52  | 0 | 12:30 | 0.24 |
| J93     | JUNCTION | 0.02 | 0.21 | 99.41  | 0 | 12:01 | 0.21 |
| J94     | JUNCTION | 0.12 | 0.46 | 98.28  | 0 | 12:00 | 0.46 |
| PDDJ01  | JUNCTION | 0.09 | 0.11 | 96.78  | 0 | 20:55 | 0.11 |
| PDDJ02  | JUNCTION | 0.10 | 0.11 | 96.76  | 0 | 20:55 | 0.11 |
| PDDJ03  | JUNCTION | 0.09 | 0.11 | 96.72  | 0 | 20:56 | 0.11 |
| PDDJ04  | JUNCTION | 0.09 | 0.13 | 96.65  | 0 | 12:00 | 0.13 |
| PDDJ05  | JUNCTION | 0.10 | 0.19 | 96.49  | 0 | 12:00 | 0.19 |
| PDDJ06  | JUNCTION | 0.12 | 0.24 | 96.42  | 0 | 12:01 | 0.24 |
| PDDJ07  | JUNCTION | 0.07 | 0.22 | 96.27  | 0 | 12:00 | 0.22 |
| PDDJ08  | JUNCTION | 0.09 | 0.31 | 95.81  | 0 | 12:00 | 0.31 |
| PDDJ09  | JUNCTION | 0.11 | 0.35 | 95.63  | 0 | 12:01 | 0.35 |
| PDDJ10  | JUNCTION | 0.06 | 0.24 | 95.40  | 0 | 12:01 | 0.24 |
| PDDJ11  | JUNCTION | 0.11 | 0.51 | 94.81  | 0 | 12:21 | 0.51 |
| T009007 | JUNCTION | 0.00 | 0.00 | 100.64 | 0 | 00:00 | 0.00 |
| T012001 | JUNCTION | 0.01 | 0.08 | 101.08 | 0 | 12:00 | 0.08 |
| T013002 | JUNCTION | 0.05 | 0.21 | 100.85 | 0 | 12:31 | 0.21 |
| T013003 | JUNCTION | 0.05 | 0.18 | 100.99 | 0 | 12:31 | 0.18 |
| T013006 | JUNCTION | 0.03 | 0.13 | 101.48 | 0 | 12:30 | 0.13 |
| T013007 | JUNCTION | 0.05 | 0.19 | 101.85 | 0 | 12:30 | 0.19 |
| T013012 | JUNCTION | 0.05 | 0.17 | 103.64 | 0 | 12:31 | 0.17 |
| T013016 | JUNCTION | 0.10 | 0.28 | 103.73 | 0 | 12:23 | 0.28 |
| T013019 | JUNCTION | 0.03 | 0.08 | 104.53 | 0 | 13:04 | 0.08 |
| T013020 | JUNCTION | 0.05 | 0.14 | 104.92 | 0 | 13:03 | 0.14 |
| T013021 | JUNCTION | 0.02 | 0.10 | 105.22 | 0 | 13:03 | 0.10 |
| T013022 | JUNCTION | 0.06 | 0.21 | 105.66 | 0 | 13:02 | 0.21 |
| T013023 | JUNCTION | 0.05 | 0.20 | 105.99 | 0 | 13:01 | 0.20 |
| T013024 | JUNCTION | 0.04 | 0.19 | 106.31 | 0 | 13:00 | 0.19 |
| T013025 | JUNCTION | 0.04 | 0.13 | 106.42 | 0 | 13:00 | 0.13 |
| T013031 | JUNCTION | 0.03 | 0.12 | 107.44 | 0 | 12:57 | 0.12 |
| T013032 | JUNCTION | 0.04 | 0.17 | 107.88 | 0 | 12:56 | 0.17 |
| T013033 | JUNCTION | 0.03 | 0.09 | 108.35 | 0 | 12:36 | 0.09 |
| T013037 | JUNCTION | 0.03 | 0.11 | 108.65 | 0 | 12:34 | 0.11 |
| T013042 | JUNCTION | 0.05 | 0.14 | 108.66 | 0 | 12:22 | 0.14 |
| T013044 | JUNCTION | 0.05 | 0.14 | 108.67 | 0 | 12:09 | 0.14 |
| T013045 | JUNCTION | 0.04 | 0.14 | 108.68 | 0 | 12:09 | 0.14 |
| T014001 | JUNCTION | 0.05 | 0.17 | 103.65 | 0 | 12:29 | 0.17 |
| T015001 | JUNCTION | 0.03 | 0.12 | 104.66 | 0 | 12:39 | 0.12 |
| T015003 | JUNCTION | 0.03 | 0.08 | 106.22 | 0 | 12:06 | 0.08 |
| T016001 | JUNCTION | 0.02 | 0.09 | 108.71 | 0 | 12:11 | 0.09 |
| T016003 | JUNCTION | 0.02 | 0.09 | 108.86 | 0 | 12:00 | 0.09 |
| T043003 | JUNCTION | 0.04 | 0.17 | 101.34 | 0 | 12:30 | 0.17 |
| OF-A    | OUTFALL  | 0.03 | 0.25 | 91.75  | 0 | 12:18 | 0.23 |
| OF-B    | OUTFALL  | 0.18 | 0.57 | 93.87  | 0 | 14:33 | 0.57 |
| OF-C    | OUTFALL  | 0.11 | 0.36 | 94.51  | 0 | 12:21 | 0.36 |
| OF-EX   | OUTFALL  | 0.04 | 0.23 | 89.85  | 0 | 12:17 | 0.23 |
| SU1     | STORAGE  | 2.23 | 2.58 | 98.08  | 0 | 20:54 | 2.58 |

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Node Inflow Summary  
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| Node  | Type     | Maximum<br>Lateral<br>Inflow<br>CMS | Maximum<br>Total<br>Inflow<br>CMS | Time of Max<br>Occurrence<br>days hr:min |       | Lateral<br>Inflow<br>Volume<br>10^6 ltr | Total<br>Inflow<br>Volume<br>10^6 ltr | Flow<br>Balance<br>Error<br>Percent |
|-------|----------|-------------------------------------|-----------------------------------|------------------------------------------|-------|-----------------------------------------|---------------------------------------|-------------------------------------|
|       |          |                                     |                                   |                                          |       |                                         |                                       |                                     |
| 16017 | JUNCTION | 0.153                               | 0.682                             | 0                                        | 12:19 | 0.606                                   | 3.93                                  | -0.006                              |
| 16094 | JUNCTION | 0.000                               | 0.057                             | 0                                        | 12:02 | 0                                       | 0.0116                                | 2.310                               |
| 16130 | JUNCTION | 0.207                               | 1.935                             | 0                                        | 12:17 | 0.725                                   | 29.3                                  | 0.388                               |
| 25010 | JUNCTION | 0.040                               | 0.201                             | 0                                        | 12:17 | 0.151                                   | 1.74                                  | 0.002                               |
| 25025 | JUNCTION | 0.062                               | 0.330                             | 0                                        | 12:02 | 0.23                                    | 1.59                                  | 0.065                               |

|         |          |       |       |   |       |        |          |           |
|---------|----------|-------|-------|---|-------|--------|----------|-----------|
| 26419   | JUNCTION | 0.000 | 0.206 | 0 | 12:20 | 0      | 0.636    | 0.833     |
| 26456   | JUNCTION | 0.000 | 0.302 | 0 | 12:14 | 0      | 5.83     | 0.165     |
| 26578   | JUNCTION | 0.000 | 0.000 | 0 | 00:00 | 0      | 0        | 0.000 ltr |
| DDJ01   | JUNCTION | 0.000 | 1.267 | 0 | 12:31 | 0      | 17       | 0.008     |
| DDJ02   | JUNCTION | 0.000 | 1.443 | 0 | 12:31 | 0      | 19.1     | 0.004     |
| DDJ03   | JUNCTION | 0.193 | 1.635 | 0 | 12:29 | 0.744  | 21.2     | 0.047     |
| DDJ04   | JUNCTION | 0.194 | 1.685 | 0 | 12:30 | 0.686  | 21.9     | 0.004     |
| DDJ05   | JUNCTION | 0.110 | 1.719 | 0 | 12:30 | 0.415  | 22.3     | 0.003     |
| DDJ06   | JUNCTION | 0.067 | 1.734 | 0 | 12:31 | 0.202  | 22.5     | 0.005     |
| DDJ07   | JUNCTION | 0.122 | 1.756 | 0 | 12:31 | 0.342  | 22.9     | 0.004     |
| DDJ08   | JUNCTION | 0.000 | 1.755 | 0 | 12:32 | 0      | 22.9     | 0.003     |
| DDJ09   | JUNCTION | 0.040 | 1.763 | 0 | 12:32 | 0.119  | 23       | 0.002     |
| DDJ10   | JUNCTION | 0.000 | 1.763 | 0 | 12:33 | 0      | 23       | 0.001     |
| DDJ11   | JUNCTION | 0.000 | 1.763 | 0 | 12:33 | 0      | 23       | 0.002     |
| DDJ12   | JUNCTION | 0.031 | 1.769 | 0 | 12:33 | 0.0943 | 23.1     | 0.001     |
| DDJ13   | JUNCTION | 0.000 | 1.769 | 0 | 12:33 | 0      | 23.1     | 0.004     |
| DDJ14   | JUNCTION | 0.199 | 1.860 | 0 | 12:15 | 0.578  | 24.3     | -0.202    |
| J101    | JUNCTION | 0.119 | 0.651 | 0 | 12:05 | 0.597  | 4.2      | 0.026     |
| J117    | JUNCTION | 0.148 | 0.665 | 0 | 12:01 | 0.572  | 2.99     | -0.590    |
| J14     | JUNCTION | 0.088 | 1.191 | 0 | 12:07 | 0.29   | 10.3     | 0.005     |
| J152    | JUNCTION | 0.139 | 0.139 | 0 | 12:00 | 0.564  | 0.564    | -0.016    |
| J160    | JUNCTION | 0.296 | 0.296 | 0 | 12:00 | 1.31   | 1.31     | -0.013    |
| J17     | JUNCTION | 0.174 | 1.146 | 0 | 12:06 | 0.533  | 10       | 0.004     |
| J2      | JUNCTION | 0.000 | 0.316 | 0 | 12:11 | 0      | 1.01     | 0.131     |
| J24     | JUNCTION | 0.000 | 0.000 | 0 | 00:00 | 0      | 0        | 0.000 ltr |
| J253    | JUNCTION | 0.165 | 0.578 | 0 | 12:00 | 0.539  | 2.42     | -0.002    |
| J259    | JUNCTION | 0.174 | 0.778 | 0 | 12:02 | 0.612  | 3.62     | 0.498     |
| J26     | JUNCTION | 0.006 | 0.160 | 0 | 12:00 | 0.0341 | 0.561    | 0.012     |
| J274    | JUNCTION | 0.141 | 1.259 | 0 | 12:06 | 0.398  | 10.7     | -0.004    |
| J276    | JUNCTION | 0.081 | 0.667 | 0 | 12:00 | 0.215  | 6.2      | -0.003    |
| J28     | JUNCTION | 0.000 | 0.400 | 0 | 12:02 | 0      | 2.08     | -0.004    |
| J29     | JUNCTION | 0.016 | 0.409 | 0 | 12:00 | 0.0454 | 2.08     | -0.011    |
| J3      | JUNCTION | 0.116 | 0.116 | 0 | 12:00 | 0.478  | 0.478    | 0.001     |
| J30     | JUNCTION | 0.226 | 0.405 | 0 | 12:00 | 1.29   | 2.03     | -0.003    |
| J31     | JUNCTION | 0.062 | 0.185 | 0 | 12:00 | 0.166  | 0.705    | -0.016    |
| J32     | JUNCTION | 0.021 | 0.130 | 0 | 12:00 | 0.0606 | 0.539    | 0.006     |
| J33     | JUNCTION | 0.321 | 0.907 | 0 | 12:01 | 1.24   | 7.45     | 0.018     |
| J34     | JUNCTION | 0.056 | 0.056 | 0 | 12:00 | 0.184  | 0.184    | -0.014    |
| J35     | JUNCTION | 0.144 | 0.929 | 0 | 12:03 | 0.64   | 8.08     | 0.053     |
| J36     | JUNCTION | 0.000 | 0.186 | 0 | 12:16 | 0      | 1.59     | 0.007     |
| J38     | JUNCTION | 0.000 | 0.025 | 0 | 20:53 | 0      | 3.25     | 0.033     |
| J39     | JUNCTION | 0.054 | 1.547 | 0 | 12:00 | 0.158  | 4.67     | 0.226     |
| J43     | JUNCTION | 0.295 | 1.059 | 0 | 12:06 | 1.43   | 9.51     | -0.004    |
| J46     | JUNCTION | 0.009 | 0.052 | 0 | 12:00 | 0.0239 | 0.171    | -0.006    |
| J47     | JUNCTION | 0.208 | 1.955 | 0 | 12:00 | 0.606  | 5.88     | 0.589     |
| J48     | JUNCTION | 0.213 | 0.213 | 0 | 12:00 | 0.622  | 0.622    | -0.063    |
| J49     | JUNCTION | 0.107 | 0.107 | 0 | 12:00 | 0.303  | 0.303    | -0.006    |
| J5      | JUNCTION | 0.372 | 0.372 | 0 | 12:00 | 1.27   | 1.28     | 0.061     |
| J50     | JUNCTION | 0.042 | 0.148 | 0 | 12:00 | 0.119  | 0.422    | 0.038     |
| J51     | JUNCTION | 0.255 | 0.874 | 0 | 11:59 | 0.743  | 2.53     | -0.026    |
| J52     | JUNCTION | 0.165 | 0.165 | 0 | 12:00 | 0.47   | 0.47     | -0.011    |
| J53     | JUNCTION | 0.150 | 0.150 | 0 | 12:00 | 0.596  | 0.596    | -0.117    |
| J54     | JUNCTION | 0.036 | 0.201 | 0 | 12:00 | 0.102  | 0.572    | 0.004     |
| J55     | JUNCTION | 0.272 | 0.472 | 0 | 12:00 | 0.791  | 1.36     | -0.004    |
| J56     | JUNCTION | 0.210 | 0.634 | 0 | 12:00 | 0.612  | 1.98     | 0.251     |
| J58     | JUNCTION | 0.016 | 0.016 | 0 | 12:00 | 0.0458 | 0.0458   | -0.018    |
| J59     | JUNCTION | 0.010 | 0.026 | 0 | 12:00 | 0.0349 | 0.0807   | -0.001    |
| J60     | JUNCTION | 0.011 | 0.037 | 0 | 12:00 | 0.0387 | 0.119    | -0.022    |
| J61     | JUNCTION | 0.008 | 0.044 | 0 | 12:00 | 0.0274 | 0.147    | 0.028     |
| J62     | JUNCTION | 0.022 | 0.076 | 0 | 12:00 | 0.0994 | 0.284    | 0.009     |
| J63     | JUNCTION | 0.012 | 0.087 | 0 | 12:00 | 0.0355 | 0.319    | -0.006    |
| J64     | JUNCTION | 0.252 | 0.605 | 0 | 12:00 | 0.988  | 5.99     | -0.011    |
| J65     | JUNCTION | 0.033 | 0.115 | 0 | 12:01 | 0.117  | 0.436    | -0.013    |
| J66     | JUNCTION | 0.022 | 0.135 | 0 | 12:01 | 0.108  | 0.544    | 0.005     |
| J67     | JUNCTION | 0.058 | 0.185 | 0 | 12:00 | 0.253  | 0.797    | -0.013    |
| J68     | JUNCTION | 0.085 | 0.258 | 0 | 12:00 | 0.381  | 1.18     | -0.029    |
| J69     | JUNCTION | 0.053 | 0.288 | 0 | 12:01 | 0.179  | 1.36     | -0.017    |
| J70     | JUNCTION | 0.000 | 0.165 | 0 | 12:00 | 0      | 0.47     | 0.001     |
| J71     | JUNCTION | 0.104 | 0.155 | 0 | 12:00 | 0.357  | 0.527    | 0.005     |
| J72     | JUNCTION | 0.000 | 0.213 | 0 | 12:00 | 0      | 0.62     | 0.355     |
| J73     | JUNCTION | 0.000 | 0.000 | 0 | 00:00 | 0      | 0        | 0.000 ltr |
| J8      | JUNCTION | 0.125 | 1.342 | 0 | 12:04 | 0.529  | 11.3     | 0.006     |
| J80     | JUNCTION | 0.073 | 0.387 | 0 | 12:13 | 0.367  | 5        | 0.012     |
| J87     | JUNCTION | 0.000 | 0.107 | 0 | 12:00 | 0      | 0.303    | -0.042    |
| J88     | JUNCTION | 0.012 | 0.191 | 0 | 12:00 | 0.0326 | 0.737    | -0.002    |
| J89     | JUNCTION | 0.000 | 0.431 | 0 | 12:00 | 0      | 1.38     | 0.224     |
| J9      | JUNCTION | 0.000 | 0.213 | 0 | 12:00 | 0      | 0.622    | 0.311     |
| J90     | JUNCTION | 0.000 | 0.002 | 0 | 11:59 | 0      | 0.000224 | 2.791     |
| J92     | JUNCTION | 0.076 | 0.350 | 0 | 12:27 | 0.436  | 4.63     | 0.039     |
| J93     | JUNCTION | 0.000 | 0.085 | 0 | 12:01 | 0      | 0.319    | 0.010     |
| J94     | JUNCTION | 0.279 | 0.436 | 0 | 12:00 | 0.813  | 1.37     | -0.044    |
| PDDJ01  | JUNCTION | 0.000 | 0.025 | 0 | 20:54 | 0      | 3.25     | 0.006     |
| PDDJ02  | JUNCTION | 0.000 | 0.025 | 0 | 20:54 | 0      | 3.25     | 0.045     |
| PDDJ03  | JUNCTION | 0.000 | 0.025 | 0 | 20:55 | 0      | 3.25     | 0.037     |
| PDDJ04  | JUNCTION | 0.015 | 0.034 | 0 | 12:00 | 0.0349 | 3.28     | 0.090     |
| PDDJ05  | JUNCTION | 0.033 | 0.066 | 0 | 12:00 | 0.0798 | 3.36     | 0.112     |
| PDDJ06  | JUNCTION | 0.031 | 0.094 | 0 | 12:00 | 0.074  | 3.43     | 0.138     |
| PDDJ07  | JUNCTION | 0.106 | 0.195 | 0 | 12:00 | 0.271  | 3.7      | 0.053     |
| PDDJ08  | JUNCTION | 0.053 | 0.243 | 0 | 12:00 | 0.139  | 3.83     | 0.059     |
| PDDJ09  | JUNCTION | 0.044 | 0.283 | 0 | 12:00 | 0.166  | 4        | 0.061     |
| PDDJ10  | JUNCTION | 0.040 | 0.318 | 0 | 12:00 | 0.102  | 4.1      | 0.010     |
| PDDJ11  | JUNCTION | 0.000 | 0.356 | 0 | 12:01 | 0      | 5.84     | 0.074     |
| T009007 | JUNCTION | 0.000 | 0.000 | 0 | 00:00 | 0      | 0        | 0.000 ltr |
| T012001 | JUNCTION | 0.267 | 0.267 | 0 | 12:00 | 1.43   | 1.43     | -0.622    |
| T013002 | JUNCTION | 0.000 | 1.267 | 0 | 12:31 | 0      | 17       | 0.002     |
| T013003 | JUNCTION | 0.000 | 1.267 | 0 | 12:30 | 0      | 17       | 0.015     |
| T013006 | JUNCTION | 0.102 | 1.267 | 0 | 12:30 | 0.45   | 17       | 0.003     |
| T013007 | JUNCTION | 0.234 | 1.229 | 0 | 12:29 | 1.11   | 16.5     | 0.019     |
| T013012 | JUNCTION | 0.182 | 1.145 | 0 | 12:23 | 0.688  | 15.4     | 0.039     |
| T013016 | JUNCTION | 0.375 | 0.759 | 0 | 12:16 | 1.65   | 10.7     | 0.039     |

|         |          |       |       |   |       |       |       |        |
|---------|----------|-------|-------|---|-------|-------|-------|--------|
| T013019 | JUNCTION | 0.000 | 0.627 | 0 | 13:03 | 0     | 9.02  | 0.059  |
| T013020 | JUNCTION | 0.000 | 0.627 | 0 | 13:03 | 0     | 9.03  | 0.062  |
| T013021 | JUNCTION | 0.000 | 0.628 | 0 | 13:02 | 0     | 9.03  | 0.008  |
| T013022 | JUNCTION | 0.000 | 0.628 | 0 | 13:01 | 0     | 9.03  | 0.020  |
| T013023 | JUNCTION | 0.000 | 0.628 | 0 | 13:00 | 0     | 9.03  | 0.006  |
| T013024 | JUNCTION | 0.270 | 0.629 | 0 | 12:57 | 1.05  | 9.03  | 0.042  |
| T013025 | JUNCTION | 0.000 | 0.581 | 0 | 12:57 | 0     | 8     | 0.212  |
| T013031 | JUNCTION | 0.292 | 0.583 | 0 | 12:53 | 1.13  | 7.99  | -0.102 |
| T013032 | JUNCTION | 0.230 | 0.590 | 0 | 12:30 | 0.801 | 6.91  | 0.635  |
| T013033 | JUNCTION | 0.337 | 0.547 | 0 | 12:29 | 1.35  | 6.09  | -0.337 |
| T013037 | JUNCTION | 0.314 | 0.597 | 0 | 12:11 | 1.04  | 4.79  | 0.968  |
| T013042 | JUNCTION | 0.166 | 0.407 | 0 | 12:02 | 0.663 | 2.51  | 1.350  |
| T013044 | JUNCTION | 0.317 | 0.475 | 0 | 12:00 | 0.978 | 1.86  | 1.105  |
| T013045 | JUNCTION | 0.244 | 0.244 | 0 | 12:00 | 0.885 | 0.885 | 0.394  |
| T014001 | JUNCTION | 0.309 | 0.309 | 0 | 12:00 | 1.57  | 1.57  | -0.030 |
| T015001 | JUNCTION | 0.272 | 0.457 | 0 | 12:00 | 1.19  | 2.57  | 2.225  |
| T015003 | JUNCTION | 0.358 | 0.358 | 0 | 12:00 | 1.33  | 1.33  | -3.396 |
| T016001 | JUNCTION | 0.000 | 0.279 | 0 | 12:02 | 0     | 1.27  | -0.274 |
| T016003 | JUNCTION | 0.287 | 0.287 | 0 | 12:00 | 1.26  | 1.26  | -0.446 |
| T043003 | JUNCTION | 0.000 | 1.267 | 0 | 12:30 | 0     | 17    | 0.007  |
| OF-A    | OUTFALL  | 0.000 | 0.229 | 0 | 12:18 | 0     | 1.27  | 0.000  |
| OF-B    | OUTFALL  | 0.000 | 0.816 | 0 | 14:33 | 0     | 25.5  | 0.000  |
| OF-C    | OUTFALL  | 0.000 | 0.299 | 0 | 12:21 | 0     | 5.82  | 0.000  |
| OF-EX   | OUTFALL  | 0.178 | 1.315 | 0 | 12:15 | 1.07  | 12.3  | 0.000  |
| SU1     | STORAGE  | 0.357 | 2.310 | 0 | 12:00 | 1.04  | 10.1  | 0.098  |

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

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

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Node Flooding Summary  
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No nodes were flooded.

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Storage Volume Summary  
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| Storage Unit | Average           | Avg          | Evap         | Exfil        | Maximum           | Max          | Time of Max               |       | Maximum        |
|--------------|-------------------|--------------|--------------|--------------|-------------------|--------------|---------------------------|-------|----------------|
|              | Volume<br>1000 m³ | Pcnt<br>Full | Pcnt<br>Loss | Pcnt<br>Loss | Volume<br>1000 m³ | Pcnt<br>Full | Occurrence<br>days hr:min |       | Outflow<br>CMS |
| SU1          | 7.080             | 64.6         | 0.0          | 0.0          | 8.647             | 78.9         | 0                         | 20:54 | 0.025          |

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Outfall Loading Summary  
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| Outfall Node | Flow         | Avg         | Max         | Total              |
|--------------|--------------|-------------|-------------|--------------------|
|              | Freq<br>Pcnt | Flow<br>CMS | Flow<br>CMS | Volume<br>10^6 ltr |
| OF-A         | 74.48        | 0.013       | 0.229       | 1.269              |
| OF-B         | 97.28        | 0.191       | 0.816       | 25.524             |
| OF-C         | 98.10        | 0.039       | 0.299       | 5.822              |
| OF-EX        | 99.95        | 0.092       | 1.315       | 12.326             |
| System       | 92.45        | 0.335       | 2.234       | 44.941             |

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Link Flow Summary  
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| Link         | Type    | Maximum      | Time of Max               |       | Maximum         | Max/         | Max/          |
|--------------|---------|--------------|---------------------------|-------|-----------------|--------------|---------------|
|              |         | Flow <br>CMS | Occurrence<br>days hr:min |       | Veloc <br>m/sec | Full<br>Flow | Full<br>Depth |
| AR02_HDPE450 | CONDUIT | 0.043        | 0                         | 12:00 | 1.17            | 0.17         | 0.28          |
| AR1_HDPE600  | CONDUIT | 0.186        | 0                         | 12:16 | 1.41            | 0.34         | 0.58          |
| C10          | CONDUIT | 0.133        | 0                         | 12:00 | 0.37            | 0.06         | 0.26          |
| C100         | CHANNEL | 1.191        | 0                         | 12:07 | 1.04            | 0.11         | 0.38          |
| C101         | CHANNEL | 1.259        | 0                         | 12:06 | 1.05            | 0.06         | 0.46          |
| C103         | CHANNEL | 1.192        | 0                         | 12:17 | 0.84            | 0.81         | 0.82          |
| C129         | CONDUIT | 0.037        | 0                         | 12:00 | 0.22            | 0.04         | 0.28          |
| C130         | CONDUIT | 0.075        | 0                         | 12:00 | 0.51            | 0.00         | 0.09          |
| C131         | CONDUIT | 1.955        | 0                         | 12:00 | 1.62            | 0.11         | 0.85          |
| C132_1       | CONDUIT | 0.085        | 0                         | 12:01 | 0.35            | 0.00         | 0.09          |
| C132_2       | CONDUIT | 0.085        | 0                         | 12:01 | 0.33            | 0.03         | 0.17          |
| C133         | CONDUIT | 0.115        | 0                         | 12:01 | 0.55            | 0.03         | 0.16          |
| C134         | CONDUIT | 0.134        | 0                         | 12:02 | 0.54            | 0.04         | 0.22          |
| C135         | CONDUIT | 0.182        | 0                         | 12:02 | 0.38            | 0.05         | 0.31          |

|               |         |       |   |       |       |      |      |
|---------------|---------|-------|---|-------|-------|------|------|
| C136          | CONDUIT | 0.246 | 0 | 12:02 | 0.31  | 0.13 | 0.43 |
| C137          | CONDUIT | 0.281 | 0 | 12:03 | 0.41  | 1.01 | 0.43 |
| C1450_1       | CHANNEL | 0.209 | 0 | 12:39 | 0.16  | 0.00 | 0.20 |
| C20           | CONDUIT | 0.144 | 0 | 12:00 | 0.34  | 0.18 | 0.66 |
| C25_3         | CHANNEL | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.50 |
| C26_1         | CONDUIT | 0.002 | 0 | 11:59 | 0.02  | 0.01 | 0.38 |
| C26_2         | CONDUIT | 0.110 | 0 | 12:00 | 0.35  | 0.53 | 0.74 |
| C26_5         | CONDUIT | 0.055 | 0 | 12:00 | 0.40  | 0.03 | 0.15 |
| C30           | CONDUIT | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.00 |
| C30_3         | CONDUIT | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.19 |
| C36           | CONDUIT | 0.127 | 0 | 12:01 | 0.32  | 0.26 | 0.57 |
| C45           | CONDUIT | 0.285 | 0 | 12:00 | 0.72  | 0.09 | 0.29 |
| C46_1         | CONDUIT | 0.182 | 0 | 12:01 | 0.40  | 0.28 | 0.52 |
| C46_2         | CONDUIT | 0.188 | 0 | 12:01 | 0.32  | 0.17 | 0.51 |
| C47           | CONDUIT | 0.396 | 0 | 12:01 | 0.45  | 0.46 | 0.76 |
| C50           | CONDUIT | 0.400 | 0 | 12:02 | 0.63  | 0.42 | 0.61 |
| C57           | CHANNEL | 0.537 | 0 | 12:02 | 0.75  | 0.57 | 0.74 |
| C60           | CONDUIT | 0.397 | 0 | 12:03 | 0.37  | 0.14 | 0.45 |
| C70           | CHANNEL | 0.641 | 0 | 12:03 | 0.42  | 0.01 | 0.31 |
| C72           | CONDUIT | 0.016 | 0 | 12:00 | 0.35  | 0.00 | 0.04 |
| C75           | CONDUIT | 0.571 | 0 | 12:05 | 0.71  | 0.09 | 0.57 |
| C80           | CONDUIT | 0.026 | 0 | 12:00 | 0.35  | 0.01 | 0.09 |
| C81           | CHANNEL | 0.314 | 0 | 12:40 | 0.58  | 1.26 | 1.00 |
| C86           | CONDUIT | 0.350 | 0 | 12:29 | 0.73  | 0.06 | 0.20 |
| C87           | CHANNEL | 0.387 | 0 | 12:14 | 0.53  | 0.05 | 0.29 |
| C89           | CHANNEL | 0.595 | 0 | 12:01 | 0.71  | 0.04 | 0.32 |
| C91           | CHANNEL | 0.638 | 0 | 12:03 | 0.50  | 0.10 | 0.45 |
| C93           | CHANNEL | 0.816 | 0 | 12:03 | 0.39  | 0.29 | 0.74 |
| C95           | CHANNEL | 0.873 | 0 | 12:07 | 0.55  | 1.33 | 0.73 |
| C96           | CHANNEL | 1.055 | 0 | 12:07 | 0.87  | 0.03 | 0.34 |
| C99           | CHANNEL | 1.143 | 0 | 12:08 | 1.26  | 0.05 | 0.34 |
| DDC01         | CONDUIT | 1.266 | 0 | 12:32 | 1.03  | 0.23 | 0.55 |
| DDC02         | CONDUIT | 1.443 | 0 | 12:31 | 0.97  | 0.27 | 0.53 |
| DDC03         | CONDUIT | 1.629 | 0 | 12:31 | 0.84  | 0.11 | 0.34 |
| DDC04         | CONDUIT | 1.684 | 0 | 12:31 | 0.85  | 0.12 | 0.35 |
| DDC05         | CONDUIT | 1.719 | 0 | 12:31 | 0.94  | 0.12 | 0.32 |
| DDC06         | CONDUIT | 1.733 | 0 | 12:32 | 1.01  | 0.09 | 0.31 |
| DDC07         | CONDUIT | 1.755 | 0 | 12:32 | 1.00  | 0.10 | 0.30 |
| DDC08         | CONDUIT | 1.755 | 0 | 12:33 | 1.00  | 0.14 | 0.37 |
| DDC09         | CONDUIT | 1.763 | 0 | 12:33 | 1.06  | 0.16 | 0.37 |
| DDC10         | CONDUIT | 1.763 | 0 | 12:33 | 1.13  | 0.15 | 0.38 |
| DDC11         | CONDUIT | 1.763 | 0 | 12:33 | 1.04  | 0.22 | 0.48 |
| DDC12         | CONDUIT | 1.769 | 0 | 12:33 | 1.46  | 0.30 | 0.49 |
| DDC13         | CONDUIT | 1.769 | 0 | 12:34 | 1.39  | 0.19 | 0.40 |
| MDC01         | CONDUIT | 0.165 | 0 | 12:00 | 0.74  | 0.03 | 0.17 |
| MDC02         | CONDUIT | 0.165 | 0 | 12:00 | 0.40  | 0.03 | 0.28 |
| MDC03_HDPE600 | CONDUIT | 0.200 | 0 | 12:00 | 1.11  | 0.12 | 0.60 |
| MDC04         | CONDUIT | 0.474 | 0 | 11:59 | 0.29  | 0.03 | 0.51 |
| MDC05_HDPE900 | CONDUIT | 0.865 | 0 | 12:00 | 1.50  | 0.35 | 0.85 |
| NDC01         | CONDUIT | 0.052 | 0 | 12:00 | 0.24  | 0.03 | 0.38 |
| NDC02         | CONDUIT | 0.154 | 0 | 12:00 | 0.40  | 0.16 | 0.70 |
| NDC03         | CONDUIT | 0.165 | 0 | 12:01 | 0.32  | 0.18 | 0.75 |
| NDC04         | CONDUIT | 0.431 | 0 | 12:00 | 0.42  | 0.33 | 0.79 |
| NDC05         | CONDUIT | 0.432 | 0 | 12:00 | 0.17  | 0.12 | 0.72 |
| NDC06         | CONDUIT | 0.629 | 0 | 12:00 | 0.42  | 0.42 | 0.77 |
| NDC07         | CONDUIT | 1.540 | 0 | 12:00 | 1.06  | 0.25 | 0.57 |
| NDC08         | CONDUIT | 0.214 | 0 | 12:00 | 0.33  | 0.02 | 0.55 |
| NDC09_HDPE600 | CONDUIT | 0.213 | 0 | 12:00 | 1.39  | 0.49 | 0.80 |
| NDC10         | CONDUIT | 0.213 | 0 | 12:00 | 0.45  | 0.05 | 0.38 |
| OFA_CC700     | CONDUIT | 0.229 | 0 | 12:18 | 1.34  | 0.27 | 0.46 |
| OFB_CC700     | CONDUIT | 0.816 | 0 | 14:33 | 2.23  | 1.17 | 0.90 |
| OFC_CC600     | CONDUIT | 0.299 | 0 | 12:21 | 1.26  | 0.91 | 0.78 |
| PD_IS_HDPE300 | CONDUIT | 0.025 | 0 | 20:53 | 0.35  | 0.13 | 1.00 |
| PDDC01        | CONDUIT | 0.025 | 0 | 20:54 | 0.31  | 0.04 | 0.23 |
| PDDC02        | CONDUIT | 0.025 | 0 | 20:55 | 0.31  | 0.04 | 0.19 |
| PDDC03        | CONDUIT | 0.025 | 0 | 20:56 | 0.32  | 0.01 | 0.13 |
| PDDC04        | CONDUIT | 0.033 | 0 | 12:00 | 0.31  | 0.00 | 0.10 |
| PDDC05        | CONDUIT | 0.063 | 0 | 12:00 | 0.32  | 0.01 | 0.13 |
| PDDC06        | CONDUIT | 0.090 | 0 | 12:00 | 0.41  | 0.10 | 0.34 |
| PDDC07        | CONDUIT | 0.191 | 0 | 12:00 | 0.70  | 0.12 | 0.44 |
| PDDC08        | CONDUIT | 0.240 | 0 | 12:00 | 0.63  | 0.12 | 0.41 |
| PDDC09        | CONDUIT | 0.281 | 0 | 12:01 | 0.87  | 0.14 | 0.37 |
| PDDC10        | CONDUIT | 0.317 | 0 | 12:01 | 0.94  | 0.07 | 0.42 |
| PUB_rd_DC01   | CHANNEL | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.15 |
| PUB_rd_DC02   | CHANNEL | 0.184 | 0 | 12:20 | 0.12  | 0.06 | 0.87 |
| PUB_rd_DC03   | CHANNEL | 0.201 | 0 | 12:24 | 0.12  | 0.01 | 0.48 |
| PUB_rd_DC04   | CHANNEL | 0.302 | 0 | 12:14 | 0.15  | 0.03 | 0.61 |
| PUB_rd_DC05   | CHANNEL | 0.206 | 0 | 12:20 | 0.03  | 0.00 | 0.90 |
| PUB_rd_DC06   | CHANNEL | 0.617 | 0 | 12:19 | 0.16  | 0.03 | 0.67 |
| PUB_rd_DC07   | CHANNEL | 0.316 | 0 | 12:11 | 0.07  | 0.01 | 0.97 |
| PUB_rd_DC08   | CHANNEL | 0.057 | 0 | 12:02 | 0.06  | 0.00 | 0.16 |
| SDC01         | CONDUIT | 0.107 | 0 | 12:00 | 0.76  | 0.01 | 0.11 |
| SDC02         | CONDUIT | 0.106 | 0 | 12:00 | 0.70  | 0.02 | 0.22 |
| SDC03         | CONDUIT | 0.181 | 0 | 12:02 | 0.14  | 0.01 | 0.51 |
| SMC14         | CHANNEL | 1.854 | 0 | 12:33 | 0.79  | 0.22 | 0.76 |
| U012001       | CHANNEL | 0.256 | 0 | 12:00 | 0.17  | 0.00 | 0.31 |
| U013002       | CHANNEL | 1.267 | 0 | 12:31 | 0.38  | 0.00 | 0.13 |
| U013003       | CHANNEL | 1.267 | 0 | 12:31 | 0.50  | 0.00 | 0.12 |
| U013004       | CHANNEL | 1.267 | 0 | 12:30 | 0.57  | 0.00 | 0.10 |
| U013006_2     | CHANNEL | 1.267 | 0 | 12:30 | 0.76  | 0.00 | 0.09 |
| U013007       | CHANNEL | 1.228 | 0 | 12:30 | 0.66  | 0.00 | 0.10 |
| U013008       | CHANNEL | 1.131 | 0 | 12:31 | 16.15 | 0.00 | 0.10 |
| U013015       | CHANNEL | 0.744 | 0 | 12:23 | 0.28  | 0.01 | 0.13 |
| U013019       | CHANNEL | 0.627 | 0 | 13:04 | 0.07  | 0.00 | 0.13 |
| U013020       | CHANNEL | 0.627 | 0 | 13:03 | 31.50 | 0.00 | 0.05 |
| U013021       | CHANNEL | 0.627 | 0 | 13:03 | 0.45  | 0.00 | 0.04 |
| U013022       | CHANNEL | 0.628 | 0 | 13:02 | 1.62  | 0.00 | 0.09 |
| U013023       | CHANNEL | 0.628 | 0 | 13:01 | 0.66  | 0.01 | 0.21 |
| U013024       | CHANNEL | 0.628 | 0 | 13:00 | 0.72  | 0.00 | 0.20 |
| U013025       | CHANNEL | 0.580 | 0 | 13:00 | 3.22  | 0.00 | 0.08 |

|         |         |       |   |       |       |      |      |
|---------|---------|-------|---|-------|-------|------|------|
| U013026 | CHANNEL | 0.581 | 0 | 12:57 | 0.49  | 0.00 | 0.07 |
| U013032 | CHANNEL | 0.527 | 0 | 12:56 | 0.28  | 0.00 | 0.08 |
| U013033 | CHANNEL | 0.529 | 0 | 12:36 | 10.52 | 0.00 | 0.08 |
| U013034 | CHANNEL | 0.432 | 0 | 12:35 | 6.87  | 0.00 | 0.06 |
| U013038 | CHANNEL | 0.289 | 0 | 12:15 | 1.38  | 0.00 | 0.07 |
| U013044 | CHANNEL | 0.284 | 0 | 12:05 | 0.09  | 0.00 | 0.08 |
| U013045 | CHANNEL | 0.166 | 0 | 12:01 | 0.09  | 0.00 | 0.08 |
| U014001 | CHANNEL | 0.302 | 0 | 12:00 | 5.31  | 0.00 | 0.09 |
| U015002 | CHANNEL | 0.222 | 0 | 12:06 | 14.50 | 0.00 | 0.07 |
| U016001 | CHANNEL | 0.176 | 0 | 12:11 | 6.57  | 0.00 | 0.06 |
| U016002 | CHANNEL | 0.279 | 0 | 12:02 | 13.76 | 0.00 | 0.06 |
| OR1     | ORIFICE | 0.025 | 0 | 20:54 |       |      | 1.00 |

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Flow Classification Summary  
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| Conduit       | Adjusted<br>/Actual<br>Length | ----- Fraction of Time in Flow Class ----- |           |             |             |             |            |              |             |               |
|---------------|-------------------------------|--------------------------------------------|-----------|-------------|-------------|-------------|------------|--------------|-------------|---------------|
|               |                               | Dry                                        | Up<br>Dry | Down<br>Dry | Sub<br>Crit | Sup<br>Crit | Up<br>Crit | Down<br>Crit | Norm<br>Ltd | Inlet<br>Ctrl |
| AR02_HDPE450  | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.44        | 0.56        | 0.00       | 0.00         | 0.00        | 0.01          |
| AR1_HDPE600   | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.30        | 0.70        | 0.00       | 0.00         | 0.00        | 0.04          |
| C10           | 1.00                          | 0.00                                       | 0.26      | 0.00        | 0.74        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C100          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.02        | 0.00          |
| C101          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.97        | 0.03        | 0.00       | 0.00         | 0.96        | 0.00          |
| C103          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C129          | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C130          | 1.00                          | 0.00                                       | 0.15      | 0.00        | 0.85        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| C131          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.93        | 0.01        | 0.00       | 0.06         | 0.18        | 0.00          |
| C132_1        | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C132_2        | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.01        | 0.00          |
| C133          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.65        | 0.00          |
| C134          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C135          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C136          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| C137          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.28        | 0.00          |
| C1450_1       | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.93        | 0.00          |
| C20           | 1.00                          | 0.00                                       | 0.30      | 0.00        | 0.70        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| C25_3         | 1.00                          | 0.00                                       | 1.00      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C26_1         | 1.00                          | 0.23                                       | 0.67      | 0.00        | 0.11        | 0.00        | 0.00       | 0.00         | 0.75        | 0.00          |
| C26_2         | 1.00                          | 0.06                                       | 0.17      | 0.00        | 0.77        | 0.00        | 0.00       | 0.00         | 0.88        | 0.00          |
| C26_5         | 1.00                          | 0.12                                       | 0.16      | 0.00        | 0.73        | 0.00        | 0.00       | 0.00         | 0.09        | 0.00          |
| C30           | 1.00                          | 1.00                                       | 0.00      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C30_3         | 1.00                          | 0.04                                       | 0.96      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C36           | 1.00                          | 0.00                                       | 0.06      | 0.00        | 0.94        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C45           | 1.00                          | 0.00                                       | 0.22      | 0.00        | 0.78        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C46_1         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.69        | 0.00          |
| C46_2         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C47           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C50           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C57           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| C60           | 1.00                          | 0.01                                       | 0.00      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.92        | 0.00          |
| C70           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.66        | 0.34        | 0.00       | 0.00         | 0.05        | 0.00          |
| C72           | 1.00                          | 0.11                                       | 0.21      | 0.00        | 0.68        | 0.00        | 0.00       | 0.00         | 0.67        | 0.00          |
| C75           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.91        | 0.00          |
| C80           | 1.00                          | 0.01                                       | 0.11      | 0.00        | 0.88        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C81           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.21        | 0.00          |
| C86           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.89        | 0.00          |
| C87           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C89           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.20        | 0.80        | 0.00       | 0.00         | 0.05        | 0.00          |
| C91           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C93           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.78        | 0.00          |
| C95           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.04        | 0.00          |
| C96           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.99        | 0.01        | 0.00       | 0.00         | 0.98        | 0.00          |
| C99           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.99        | 0.01        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC01         | 1.00                          | 0.01                                       | 0.06      | 0.00        | 0.93        | 0.00        | 0.00       | 0.00         | 0.93        | 0.00          |
| DDC02         | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.14        | 0.00          |
| DDC03         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.59        | 0.00          |
| DDC04         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| DDC05         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC06         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| DDC07         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC08         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| DDC09         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC10         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.92        | 0.00          |
| DDC11         | 1.00                          | 0.00                                       | 0.02      | 0.00        | 0.98        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| DDC12         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.40        | 0.00          |
| DDC13         | 1.00                          | 0.02                                       | 0.00      | 0.00        | 0.00        | 0.00        | 0.00       | 0.98         | 0.00        | 0.00          |
| MDC01         | 1.00                          | 0.00                                       | 0.06      | 0.00        | 0.94        | 0.00        | 0.00       | 0.00         | 0.89        | 0.00          |
| MDC02         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| MDC03_HDPE600 | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.45        | 0.55        | 0.00       | 0.00         | 0.00        | 0.71          |
| MDC04         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| MDC05_HDPE900 | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.95        | 0.05        | 0.00       | 0.00         | 0.00        | 0.96          |
| NDC01         | 1.00                          | 0.01                                       | 0.24      | 0.00        | 0.70        | 0.00        | 0.00       | 0.05         | 0.75        | 0.00          |
| NDC02         | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.69        | 0.00          |
| NDC03         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.54        | 0.00          |
| NDC04         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.18        | 0.00          |
| NDC05         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.19        | 0.00          |
| NDC06         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.21        | 0.00          |
| NDC07         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.01        | 0.00          |
| NDC08         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.24        | 0.00          |
| NDC09_HDPE600 | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.76        | 0.24        | 0.00       | 0.00         | 0.00        | 0.03          |
| NDC10         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| OFA_CC700     | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.71        | 0.29        | 0.00       | 0.00         | 0.00        | 0.42          |
| OFB_CC700     | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.98        | 0.02        | 0.00       | 0.00         | 0.00        | 0.91          |
| OFC_CC600     | 1.00                          | 0.02                                       | 0.00      | 0.00        | 0.98        | 0.01        | 0.00       | 0.00         | 0.00        | 0.29          |
| PD_IS_HDPE300 | 1.00                          | 0.00                                       | 0.02      | 0.00        | 0.95        | 0.00        | 0.03       | 0.00         | 0.00        | 0.00          |

|             |      |      |      |      |      |      |      |      |      |      |
|-------------|------|------|------|------|------|------|------|------|------|------|
| PDDC01      | 1.00 | 0.04 | 0.00 | 0.00 | 0.96 | 0.00 | 0.00 | 0.00 | 0.08 | 0.00 |
| PDDC02      | 1.00 | 0.04 | 0.00 | 0.00 | 0.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PDDC03      | 1.00 | 0.00 | 0.04 | 0.00 | 0.96 | 0.00 | 0.00 | 0.00 | 0.90 | 0.00 |
| PDDC04      | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| PDDC05      | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00 |
| PDDC06      | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 |
| PDDC07      | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| PDDC08      | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 |
| PDDC09      | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PDDC10      | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| PUB_rd_DC01 | 1.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PUB_rd_DC02 | 1.00 | 0.00 | 0.01 | 0.00 | 0.99 | 0.00 | 0.00 | 0.00 | 0.95 | 0.00 |
| PUB_rd_DC03 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.92 | 0.00 |
| PUB_rd_DC04 | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.67 | 0.00 |
| PUB_rd_DC05 | 1.00 | 0.00 | 0.26 | 0.00 | 0.74 | 0.00 | 0.00 | 0.00 | 0.58 | 0.00 |
| PUB_rd_DC06 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PUB_rd_DC07 | 1.00 | 0.00 | 0.14 | 0.00 | 0.86 | 0.00 | 0.00 | 0.00 | 0.31 | 0.00 |
| PUB_rd_DC08 | 1.00 | 0.00 | 0.57 | 0.00 | 0.43 | 0.00 | 0.00 | 0.00 | 0.75 | 0.00 |
| SDC01       | 1.00 | 0.01 | 0.13 | 0.00 | 0.86 | 0.00 | 0.00 | 0.00 | 0.89 | 0.00 |
| SDC02       | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| SDC03       | 1.00 | 0.00 | 0.09 | 0.00 | 0.91 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| SMC14       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.95 | 0.00 |
| U012001     | 1.00 | 0.00 | 0.21 | 0.00 | 0.79 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00 |
| U013002     | 1.00 | 0.06 | 0.00 | 0.00 | 0.94 | 0.00 | 0.00 | 0.00 | 0.33 | 0.00 |
| U013003     | 1.00 | 0.05 | 0.00 | 0.00 | 0.92 | 0.03 | 0.00 | 0.00 | 0.30 | 0.00 |
| U013004     | 1.00 | 0.01 | 0.00 | 0.00 | 0.98 | 0.02 | 0.00 | 0.00 | 0.91 | 0.00 |
| U013006_2   | 1.00 | 0.00 | 0.00 | 0.00 | 0.94 | 0.06 | 0.00 | 0.00 | 0.94 | 0.00 |
| U013007     | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 |
| U013008     | 1.00 | 0.00 | 0.00 | 0.00 | 0.72 | 0.28 | 0.00 | 0.00 | 0.45 | 0.00 |
| U013015     | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 |
| U013019     | 1.00 | 0.00 | 0.11 | 0.00 | 0.89 | 0.00 | 0.00 | 0.00 | 0.89 | 0.00 |
| U013020     | 1.00 | 0.08 | 0.00 | 0.00 | 0.26 | 0.66 | 0.00 | 0.00 | 0.01 | 0.00 |
| U013021     | 1.00 | 0.08 | 0.00 | 0.00 | 0.92 | 0.00 | 0.00 | 0.00 | 0.89 | 0.00 |
| U013022     | 1.00 | 0.05 | 0.00 | 0.00 | 0.56 | 0.39 | 0.00 | 0.00 | 0.01 | 0.00 |
| U013023     | 1.00 | 0.02 | 0.00 | 0.00 | 0.98 | 0.00 | 0.00 | 0.00 | 0.88 | 0.00 |
| U013024     | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.92 | 0.00 |
| U013025     | 1.00 | 0.00 | 0.04 | 0.00 | 0.93 | 0.03 | 0.00 | 0.00 | 0.49 | 0.00 |
| U013026     | 1.00 | 0.00 | 0.00 | 0.00 | 0.93 | 0.07 | 0.00 | 0.00 | 0.84 | 0.00 |
| U013032     | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.00 |
| U013033     | 1.00 | 0.00 | 0.00 | 0.00 | 0.82 | 0.18 | 0.00 | 0.00 | 0.73 | 0.00 |
| U013034     | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.30 | 0.00 |
| U013038     | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 |
| U013044     | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 |
| U013045     | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 |
| U014001     | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.26 | 0.00 |
| U015002     | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.93 | 0.00 |
| U016001     | 1.00 | 0.00 | 0.02 | 0.00 | 0.98 | 0.00 | 0.00 | 0.00 | 0.81 | 0.00 |
| U016002     | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.78 | 0.00 |

\*\*\*\*\*  
Conduit Surcharge Summary  
\*\*\*\*\*

| Conduit       | ----- Hours Full ----- |          |          | Hours                  |                        |
|---------------|------------------------|----------|----------|------------------------|------------------------|
|               | Both Ends              | Upstream | Dnstream | Above Full Normal Flow | Hours Capacity Limited |
| C103          | 0.01                   | 0.65     | 0.01     | 0.01                   | 0.01                   |
| C131          | 0.01                   | 0.01     | 9.47     | 0.01                   | 0.01                   |
| C137          | 0.01                   | 0.01     | 0.01     | 0.03                   | 0.01                   |
| C20           | 0.01                   | 0.01     | 1.67     | 0.01                   | 0.01                   |
| C81           | 2.29                   | 2.29     | 2.52     | 2.16                   | 2.16                   |
| C95           | 0.01                   | 0.01     | 0.01     | 0.59                   | 0.01                   |
| OFB_CC700     | 0.01                   | 7.05     | 0.01     | 4.05                   | 0.01                   |
| PD_IS_HDPE300 | 37.16                  | 37.16    | 47.25    | 0.01                   | 0.01                   |
| PUB_rd_DC02   | 0.01                   | 0.01     | 0.49     | 0.01                   | 0.01                   |
| PUB_rd_DC05   | 0.01                   | 0.01     | 6.19     | 0.01                   | 0.01                   |
| SMC14         | 0.01                   | 0.01     | 7.17     | 0.01                   | 0.01                   |

Analysis begun on: Thu Jan 22 13:38:23 2026  
Analysis ended on: Thu Jan 22 13:38:28 2026  
Total elapsed time: 00:00:05



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

\*\*\*\*\*  
Element Count  
\*\*\*\*\*

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

\*\*\*\*\*  
Raingage Summary  
\*\*\*\*\*

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

\*\*\*\*\*  
Subcatchment Summary  
\*\*\*\*\*

| Name      | Area | Width  | %Imperv | %Slope  | Rain Gage    | Outlet  |
|-----------|------|--------|---------|---------|--------------|---------|
| G009005_1 | 2.74 | 112.89 | 7.00    | 7.6470  | 100y_103.5mm | J30     |
| G009005_2 | 1.57 | 209.97 | 7.00    | 3.6030  | 100y_103.5mm | DDJ03   |
| G012001   | 3.05 | 152.73 | 7.00    | 6.8600  | 100y_103.5mm | T012001 |
| G013006   | 0.95 | 73.90  | 7.00    | 6.1650  | 100y_103.5mm | T013006 |
| G013007   | 2.35 | 142.04 | 7.00    | 7.6700  | 100y_103.5mm | T013007 |
| G013012   | 1.45 | 146.91 | 7.00    | 6.9010  | 100y_103.5mm | T013012 |
| G013016_1 | 1.98 | 107.13 | 7.00    | 8.0160  | 100y_103.5mm | T013016 |
| G013016_2 | 1.52 | 158.50 | 7.00    | 5.9960  | 100y_103.5mm | T013016 |
| G013024   | 2.21 | 201.26 | 7.00    | 7.5560  | 100y_103.5mm | T013024 |
| G013031   | 2.38 | 208.79 | 7.00    | 8.2850  | 100y_103.5mm | T013031 |
| G013032   | 1.68 | 172.87 | 7.00    | 9.8170  | 100y_103.5mm | T013032 |
| G013033   | 2.85 | 228.75 | 7.00    | 8.4690  | 100y_103.5mm | T013033 |
| G013037   | 2.18 | 256.38 | 7.00    | 9.5500  | 100y_103.5mm | T013037 |
| G013042   | 1.40 | 109.31 | 7.00    | 9.0870  | 100y_103.5mm | T013042 |
| G013043   | 2.05 | 276.27 | 7.00    | 10.5660 | 100y_103.5mm | T013044 |
| G013045   | 1.86 | 185.18 | 7.00    | 8.5760  | 100y_103.5mm | T013045 |
| G014001   | 3.34 | 162.46 | 7.00    | 8.9080  | 100y_103.5mm | T014001 |
| G015001_1 | 1.28 | 124.61 | 7.00    | 7.3730  | 100y_103.5mm | T015001 |
| G015001_2 | 1.25 | 75.83  | 7.00    | 4.9920  | 100y_103.5mm | T015001 |
| G015003_1 | 1.59 | 125.65 | 7.00    | 8.3540  | 100y_103.5mm | T015003 |
| G015003_2 | 1.22 | 145.02 | 7.00    | 8.5290  | 100y_103.5mm | T015003 |
| G016003_1 | 1.02 | 83.26  | 7.00    | 9.0730  | 100y_103.5mm | T016003 |
| G016003_2 | 1.65 | 89.45  | 7.00    | 9.2440  | 100y_103.5mm | T016003 |
| S1        | 0.42 | 140.90 | 7.00    | 2.0000  | 100y_103.5mm | DDJ06   |
| S1_1      | 0.15 | 44.75  | 7.00    | 2.0000  | 100y_103.5mm | PDDJ09  |
| S1_10     | 0.08 | 30.92  | 7.00    | 2.0000  | 100y_103.5mm | PDDJ08  |
| S1_2      | 0.21 | 62.76  | 7.00    | 8.4310  | 100y_103.5mm | PDDJ10  |
| S1_3      | 0.73 | 78.61  | 7.00    | 2.2500  | 100y_103.5mm | J68     |
| S1_4      | 0.47 | 54.00  | 7.00    | 2.0000  | 100y_103.5mm | J67     |
| S1_5      | 0.32 | 62.94  | 7.00    | 2.5000  | 100y_103.5mm | J69     |
| S1_6      | 0.25 | 23.15  | 7.00    | 11.0340 | 100y_103.5mm | J65     |
| S1_7      | 0.44 | 70.98  | 7.00    | 2.5000  | 100y_103.5mm | 25025   |
| S1_8      | 0.23 | 25.99  | 7.00    | 2.0000  | 100y_103.5mm | J66     |
| S10       | 0.83 | 166.64 | 7.00    | 8.5600  | 100y_103.5mm | J274    |
| S101_2    | 1.02 | 114.99 | 7.00    | 5.3410  | 100y_103.5mm | DDJ04   |
| S102      | 0.87 | 76.43  | 7.00    | 9.2800  | 100y_103.5mm | DDJ05   |
| S11       | 1.12 | 99.21  | 7.00    | 5.6280  | 100y_103.5mm | J8      |
| S112      | 0.51 | 72.89  | 7.00    | 7.1560  | 100y_103.5mm | J253    |
| S113      | 0.62 | 92.70  | 7.00    | 6.1840  | 100y_103.5mm | J253    |
| S115_2    | 0.01 | 0.90   | 80.00   | 9.1880  | 100y_103.5mm | J30     |
| S130      | 0.62 | 87.35  | 7.00    | 10.8400 | 100y_103.5mm | J160    |
| S132      | 1.19 | 88.41  | 7.00    | 9.3970  | 100y_103.5mm | J152    |
| S137      | 2.16 | 101.18 | 7.00    | 9.3820  | 100y_103.5mm | J160    |
| S15_4     | 0.19 | 62.33  | 7.00    | 6.7670  | 100y_103.5mm | DDJ14   |
| S16       | 0.61 | 65.66  | 7.00    | 11.2500 | 100y_103.5mm | J14     |
| S18       | 0.54 | 86.45  | 7.00    | 8.2240  | 100y_103.5mm | J17     |
| S19       | 0.58 | 83.01  | 7.00    | 9.3820  | 100y_103.5mm | J17     |
| S2        | 0.42 | 139.80 | 7.00    | 2.0000  | 100y_103.5mm | DDJ04   |
| S2_13     | 0.02 | 53.25  | 80.00   | 2.0000  | 100y_103.5mm | S2_16   |
| S2_14     | 0.03 | 67.50  | 80.00   | 2.0000  | 100y_103.5mm | S2_16   |
| S2_15     | 0.21 | 37.14  | 7.00    | 1.0000  | 100y_103.5mm | J62     |
| S2_16     | 0.56 | 59.43  | 7.00    | 8.9160  | 100y_103.5mm | J71     |
| S2_18     | 0.15 | 61.44  | 7.00    | 12.0000 | 100y_103.5mm | PDDJ06  |
| S2_19     | 0.07 | 60.26  | 7.00    | 5.5370  | 100y_103.5mm | PDDJ04  |
| S2_20     | 0.17 | 94.07  | 7.00    | 5.0310  | 100y_103.5mm | PDDJ05  |
| S2_22     | 0.07 | 5.51   | 7.00    | 3.1210  | 100y_103.5mm | J26     |
| S2_23     | 0.32 | 56.49  | 7.00    | 3.6000  | 100y_103.5mm | J34     |
| S2_24     | 0.04 | 2.68   | 7.00    | 3.2280  | 100y_103.5mm | J60     |
| S2_25     | 0.04 | 2.76   | 7.00    | 6.8230  | 100y_103.5mm | J59     |
| S2_26     | 0.03 | 2.02   | 7.00    | 2.5570  | 100y_103.5mm | J61     |
| S2_30     | 0.03 | 74.75  | 80.00   | 2.0000  | 100y_103.5mm | S2_16   |
| S2_31     | 0.02 | 43.50  | 80.00   | 2.0000  | 100y_103.5mm | S2_16   |

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

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Node Summary  
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| Name  | Type     | Invert Elev. | Max. Depth | Ponded Area | External Inflow |
|-------|----------|--------------|------------|-------------|-----------------|
| 16017 | JUNCTION | 93.42        | 2.50       | 0.0         |                 |
| 16094 | JUNCTION | 92.18        | 1.82       | 0.0         |                 |
| 16130 | JUNCTION | 93.42        | 2.00       | 0.0         |                 |
| 25010 | JUNCTION | 94.40        | 3.00       | 0.0         |                 |
| 25025 | JUNCTION | 94.64        | 3.00       | 0.0         |                 |
| 26419 | JUNCTION | 94.00        | 1.22       | 0.0         |                 |
| 26456 | JUNCTION | 94.23        | 0.96       | 0.0         |                 |
| 26578 | JUNCTION | 95.36        | 3.00       | 0.0         |                 |
| DDJ01 | JUNCTION | 100.38       | 3.00       | 0.0         |                 |
| DDJ02 | JUNCTION | 100.03       | 0.94       | 0.0         |                 |
| DDJ03 | JUNCTION | 99.92        | 1.34       | 0.0         |                 |
| DDJ04 | JUNCTION | 99.69        | 1.35       | 0.0         |                 |
| DDJ05 | JUNCTION | 99.38        | 1.63       | 0.0         |                 |
| DDJ06 | JUNCTION | 99.22        | 1.78       | 0.0         |                 |
| DDJ07 | JUNCTION | 98.38        | 1.36       | 0.0         |                 |
| DDJ08 | JUNCTION | 98.02        | 1.41       | 0.0         |                 |
| DDJ09 | JUNCTION | 97.85        | 1.13       | 0.0         |                 |
| DDJ10 | JUNCTION | 97.69        | 1.08       | 0.0         |                 |
| DDJ11 | JUNCTION | 97.46        | 1.01       | 0.0         |                 |
| DDJ12 | JUNCTION | 97.28        | 0.94       | 0.0         |                 |
| DDJ13 | JUNCTION | 97.04        | 0.83       | 0.0         |                 |
| DDJ14 | JUNCTION | 96.27        | 2.31       | 0.0         |                 |
| J101  | JUNCTION | 99.06        | 1.00       | 0.0         |                 |
| J117  | JUNCTION | 100.45       | 1.00       | 0.0         |                 |
| J14   | JUNCTION | 92.06        | 1.50       | 0.0         |                 |
| J152  | JUNCTION | 102.59       | 1.00       | 0.0         |                 |

|         |          |        |      |     |
|---------|----------|--------|------|-----|
| J160    | JUNCTION | 103.54 | 1.00 | 0.0 |
| J17     | JUNCTION | 92.73  | 1.50 | 0.0 |
| J2      | JUNCTION | 93.50  | 1.25 | 0.0 |
| J24     | JUNCTION | 96.89  | 0.30 | 0.0 |
| J253    | JUNCTION | 102.19 | 1.00 | 0.0 |
| J259    | JUNCTION | 99.32  | 1.00 | 0.0 |
| J26     | JUNCTION | 97.92  | 0.56 | 0.0 |
| J274    | JUNCTION | 91.38  | 1.00 | 0.0 |
| J276    | JUNCTION | 96.26  | 1.00 | 0.0 |
| J28     | JUNCTION | 100.32 | 0.69 | 0.0 |
| J29     | JUNCTION | 101.05 | 0.61 | 0.0 |
| J3      | JUNCTION | 102.30 | 0.44 | 0.0 |
| J30     | JUNCTION | 101.31 | 0.76 | 0.0 |
| J31     | JUNCTION | 101.81 | 0.74 | 0.0 |
| J32     | JUNCTION | 102.07 | 0.57 | 0.0 |
| J33     | JUNCTION | 94.89  | 1.00 | 0.0 |
| J34     | JUNCTION | 102.50 | 3.00 | 0.0 |
| J35     | JUNCTION | 94.77  | 1.00 | 0.0 |
| J36     | JUNCTION | 94.52  | 1.43 | 0.0 |
| J38     | JUNCTION | 96.70  | 1.90 | 0.0 |
| J39     | JUNCTION | 97.52  | 1.25 | 0.0 |
| J43     | JUNCTION | 94.81  | 1.00 | 0.0 |
| J46     | JUNCTION | 98.24  | 0.83 | 0.0 |
| J47     | JUNCTION | 97.20  | 1.26 | 0.0 |
| J48     | JUNCTION | 98.28  | 0.82 | 0.0 |
| J49     | JUNCTION | 101.00 | 1.00 | 0.0 |
| J5      | JUNCTION | 91.80  | 3.00 | 0.0 |
| J50     | JUNCTION | 98.83  | 1.17 | 0.0 |
| J51     | JUNCTION | 98.30  | 1.57 | 0.0 |
| J52     | JUNCTION | 100.00 | 1.00 | 0.0 |
| J53     | JUNCTION | 97.11  | 0.42 | 0.0 |
| J54     | JUNCTION | 99.09  | 1.26 | 0.0 |
| J55     | JUNCTION | 98.63  | 1.37 | 0.0 |
| J56     | JUNCTION | 97.60  | 0.94 | 0.0 |
| J58     | JUNCTION | 99.58  | 1.21 | 0.0 |
| J59     | JUNCTION | 99.10  | 1.11 | 0.0 |
| J60     | JUNCTION | 98.51  | 0.81 | 0.0 |
| J61     | JUNCTION | 98.31  | 0.78 | 0.0 |
| J62     | JUNCTION | 102.00 | 1.38 | 0.0 |
| J63     | JUNCTION | 99.60  | 3.85 | 0.0 |
| J64     | JUNCTION | 97.50  | 1.00 | 0.0 |
| J65     | JUNCTION | 99.15  | 1.13 | 0.0 |
| J66     | JUNCTION | 98.40  | 1.10 | 0.0 |
| J67     | JUNCTION | 96.00  | 2.00 | 0.0 |
| J68     | JUNCTION | 94.86  | 2.14 | 0.0 |
| J69     | JUNCTION | 94.64  | 2.36 | 0.0 |
| J70     | JUNCTION | 99.46  | 1.16 | 0.0 |
| J71     | JUNCTION | 98.00  | 0.47 | 0.0 |
| J72     | JUNCTION | 97.56  | 1.40 | 0.0 |
| J73     | JUNCTION | 99.79  | 1.00 | 0.0 |
| J8      | JUNCTION | 90.51  | 1.00 | 0.0 |
| J80     | JUNCTION | 98.08  | 1.00 | 0.0 |
| J87     | JUNCTION | 99.98  | 1.07 | 0.0 |
| J88     | JUNCTION | 101.60 | 0.85 | 0.0 |
| J89     | JUNCTION | 97.65  | 0.85 | 0.0 |
| J9      | JUNCTION | 97.63  | 1.37 | 0.0 |
| J90     | JUNCTION | 102.50 | 0.30 | 0.0 |
| J92     | JUNCTION | 98.28  | 1.00 | 0.0 |
| J93     | JUNCTION | 99.20  | 1.97 | 0.0 |
| J94     | JUNCTION | 97.82  | 0.66 | 0.0 |
| PDDJ01  | JUNCTION | 96.67  | 0.49 | 0.0 |
| PDDJ02  | JUNCTION | 96.64  | 0.69 | 0.0 |
| PDDJ03  | JUNCTION | 96.61  | 0.99 | 0.0 |
| PDDJ04  | JUNCTION | 96.52  | 1.84 | 0.0 |
| PDDJ05  | JUNCTION | 96.30  | 2.90 | 0.0 |
| PDDJ06  | JUNCTION | 96.18  | 2.87 | 0.0 |
| PDDJ07  | JUNCTION | 96.05  | 0.68 | 0.0 |
| PDDJ08  | JUNCTION | 95.50  | 0.87 | 0.0 |
| PDDJ09  | JUNCTION | 95.29  | 1.05 | 0.0 |
| PDDJ10  | JUNCTION | 95.15  | 1.22 | 0.0 |
| PDDJ11  | JUNCTION | 94.30  | 0.97 | 0.0 |
| T009007 | JUNCTION | 100.64 | 0.00 | 0.0 |
| T012001 | JUNCTION | 101.00 | 0.81 | 0.0 |
| T013002 | JUNCTION | 100.64 | 2.11 | 0.0 |
| T013003 | JUNCTION | 100.81 | 1.83 | 0.0 |
| T013006 | JUNCTION | 101.35 | 1.62 | 0.0 |
| T013007 | JUNCTION | 101.66 | 1.78 | 0.0 |
| T013012 | JUNCTION | 103.47 | 1.78 | 0.0 |
| T013016 | JUNCTION | 103.45 | 1.78 | 0.0 |
| T013019 | JUNCTION | 104.45 | 2.28 | 0.0 |
| T013020 | JUNCTION | 104.78 | 2.80 | 0.0 |
| T013021 | JUNCTION | 105.12 | 2.80 | 0.0 |
| T013022 | JUNCTION | 105.45 | 1.81 | 0.0 |
| T013023 | JUNCTION | 105.79 | 0.97 | 0.0 |
| T013024 | JUNCTION | 106.12 | 1.96 | 0.0 |
| T013025 | JUNCTION | 106.29 | 1.96 | 0.0 |
| T013031 | JUNCTION | 107.32 | 1.76 | 0.0 |
| T013032 | JUNCTION | 107.71 | 1.76 | 0.0 |
| T013033 | JUNCTION | 108.26 | 1.76 | 0.0 |
| T013037 | JUNCTION | 108.54 | 1.76 | 0.0 |
| T013042 | JUNCTION | 108.52 | 1.76 | 0.0 |
| T013044 | JUNCTION | 108.53 | 1.69 | 0.0 |
| T013045 | JUNCTION | 108.54 | 1.69 | 0.0 |
| T014001 | JUNCTION | 103.48 | 1.78 | 0.0 |
| T015001 | JUNCTION | 104.54 | 1.35 | 0.0 |
| T015003 | JUNCTION | 106.14 | 1.35 | 0.0 |
| T016001 | JUNCTION | 108.62 | 1.76 | 0.0 |
| T016003 | JUNCTION | 108.77 | 1.55 | 0.0 |
| T043003 | JUNCTION | 101.17 | 1.83 | 0.0 |
| OF-A    | OUTFALL  | 91.50  | 0.70 | 0.0 |

|       |         |       |      |     |
|-------|---------|-------|------|-----|
| OF-B  | OUTFALL | 93.30 | 0.70 | 0.0 |
| OF-C  | OUTFALL | 94.15 | 0.60 | 0.0 |
| OF-EX | OUTFALL | 89.62 | 0.36 | 0.0 |
| SU1   | STORAGE | 95.50 | 3.00 | 0.0 |

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Link Summary  
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| Name          | From Node | To Node | Type    | Length | %Slope  | Roughness |
|---------------|-----------|---------|---------|--------|---------|-----------|
| AR02_HDPE450  | J61       | J46     | CONDUIT | 15.0   | 0.4681  | 0.0100    |
| AR1_HDPE600   | 25025     | J36     | CONDUIT | 17.3   | 0.6747  | 0.0120    |
| C10           | J152      | J253    | CONDUIT | 84.4   | 0.4739  | 0.0350    |
| C100          | J14       | J274    | CONDUIT | 51.1   | 1.3304  | 0.0350    |
| C101          | J274      | J8      | CONDUIT | 24.2   | 3.6035  | 0.0350    |
| C103          | J8        | OF-EX   | CONDUIT | 143.4  | 0.6208  | 0.0350    |
| C129          | J60       | J61     | CONDUIT | 36.5   | 0.5557  | 0.0350    |
| C130          | J62       | J63     | CONDUIT | 31.7   | 7.6034  | 0.0680    |
| C131          | J47       | SU1     | CONDUIT | 8.0    | 5.1568  | 0.0350    |
| C132_1        | J63       | J93     | CONDUIT | 25.2   | 1.5869  | 0.0680    |
| C132_2        | J93       | J65     | CONDUIT | 12.9   | 0.3881  | 0.0680    |
| C133          | J65       | J66     | CONDUIT | 33.3   | 2.2498  | 0.0680    |
| C134          | J66       | J67     | CONDUIT | 66.2   | 3.6274  | 0.0680    |
| C135          | J67       | J68     | CONDUIT | 56.6   | 2.0177  | 0.0680    |
| C136          | J68       | J69     | CONDUIT | 54.0   | 0.4059  | 0.0680    |
| C137          | J69       | 25025   | CONDUIT | 34.0   | 0.0088  | 0.0680    |
| C1450_1       | T015001   | T013012 | CONDUIT | 198.3  | 0.5395  | 0.0350    |
| C20           | J53       | DDJ14   | CONDUIT | 89.6   | 0.9375  | 0.0350    |
| C25_3         | J73       | J259    | CONDUIT | 57.6   | 0.8094  | 0.0350    |
| C26_1         | J90       | J3      | CONDUIT | 28.0   | 0.7217  | 0.0680    |
| C26_2         | J3        | J32     | CONDUIT | 31.4   | 0.7197  | 0.0680    |
| C26_5         | J34       | J62     | CONDUIT | 37.1   | 1.3490  | 0.0600    |
| C30           | J38       | J24     | CONDUIT | 6.1    | 22.0074 | 0.0650    |
| C30_3         | J24       | PDDJ02  | CONDUIT | 7.3    | 3.3678  | 0.0650    |
| C36           | J32       | J31     | CONDUIT | 34.6   | 0.7581  | 0.0680    |
| C45           | J160      | J253    | CONDUIT | 132.0  | 1.0225  | 0.0350    |
| C46_1         | J31       | J88     | CONDUIT | 33.7   | 0.6313  | 0.0680    |
| C46_2         | J88       | J30     | CONDUIT | 38.7   | 0.7461  | 0.0680    |
| C47           | J30       | J29     | CONDUIT | 36.1   | 0.7142  | 0.0680    |
| C50           | J29       | J28     | CONDUIT | 78.0   | 0.9316  | 0.0680    |
| C57           | J253      | J117    | CONDUIT | 158.9  | 1.0950  | 0.0350    |
| C60           | J28       | DDJ02   | CONDUIT | 26.0   | 1.1304  | 0.0680    |
| C70           | J117      | J259    | CONDUIT | 111.5  | 1.0136  | 0.0350    |
| C72           | J58       | J59     | CONDUIT | 25.5   | 1.8684  | 0.0350    |
| C75           | J259      | J101    | CONDUIT | 45.7   | 0.5694  | 0.0350    |
| C80           | J59       | J60     | CONDUIT | 28.5   | 2.0776  | 0.0350    |
| C81           | J101      | J92     | CONDUIT | 79.2   | 0.9847  | 0.0350    |
| C86           | J92       | J80     | CONDUIT | 38.0   | 0.5257  | 0.0350    |
| C87           | J80       | J64     | CONDUIT | 60.7   | 0.9559  | 0.0350    |
| C89           | J64       | J276    | CONDUIT | 56.3   | 2.2037  | 0.0350    |
| C91           | J276      | J33     | CONDUIT | 154.1  | 0.8892  | 0.0350    |
| C93           | J33       | J35     | CONDUIT | 44.1   | 0.2719  | 0.0350    |
| C95           | J35       | J43     | CONDUIT | 103.2  | -0.0388 | 0.0350    |
| C96           | J43       | J17     | CONDUIT | 109.8  | 1.8944  | 0.0350    |
| C99           | J17       | J14     | CONDUIT | 56.1   | 1.1939  | 0.0350    |
| DDC01         | DDJ01     | DDJ02   | CONDUIT | 28.0   | 1.2461  | 0.0350    |
| DDC02         | DDJ02     | DDJ03   | CONDUIT | 19.4   | 0.5767  | 0.0350    |
| DDC03         | DDJ03     | DDJ04   | CONDUIT | 61.9   | 0.3717  | 0.0350    |
| DDC04         | DDJ04     | DDJ05   | CONDUIT | 77.9   | 0.3903  | 0.0350    |
| DDC05         | DDJ05     | DDJ06   | CONDUIT | 42.2   | 0.3837  | 0.0350    |
| DDC06         | DDJ06     | DDJ07   | CONDUIT | 127.6  | 0.6625  | 0.0350    |
| DDC07         | DDJ07     | DDJ08   | CONDUIT | 62.8   | 0.5602  | 0.0350    |
| DDC08         | DDJ08     | DDJ09   | CONDUIT | 28.0   | 0.6074  | 0.0350    |
| DDC09         | DDJ09     | DDJ10   | CONDUIT | 30.4   | 0.5425  | 0.0350    |
| DDC10         | DDJ10     | DDJ11   | CONDUIT | 26.8   | 0.8441  | 0.0350    |
| DDC11         | DDJ11     | DDJ12   | CONDUIT | 23.8   | 0.7828  | 0.0350    |
| DDC12         | DDJ12     | DDJ13   | CONDUIT | 24.8   | 0.9636  | 0.0350    |
| DDC13         | DDJ13     | DDJ14   | CONDUIT | 48.9   | 1.2055  | 0.0350    |
| MDC01         | J52       | J70     | CONDUIT | 30.4   | 1.7706  | 0.0450    |
| MDC02         | J70       | J54     | CONDUIT | 21.7   | 1.7065  | 0.0450    |
| MDC03_HDPE600 | J54       | J55     | CONDUIT | 22.2   | 2.0628  | 0.0120    |
| MDC04         | J55       | J51     | CONDUIT | 14.2   | 2.3445  | 0.0450    |
| MDC05_HDPE900 | J51       | J39     | CONDUIT | 50.2   | 1.5543  | 0.0120    |
| NDC01         | J46       | J71     | CONDUIT | 8.4    | 2.8347  | 0.0350    |
| NDC02         | J71       | J26     | CONDUIT | 13.0   | 0.6634  | 0.0350    |
| NDC03         | J26       | J94     | CONDUIT | 18.8   | 0.5118  | 0.0450    |
| NDC04         | J94       | J89     | CONDUIT | 33.2   | 0.5153  | 0.0450    |
| NDC05         | J89       | J56     | CONDUIT | 14.8   | 0.3371  | 0.0450    |
| NDC06         | J56       | J39     | CONDUIT | 34.5   | 0.2319  | 0.0450    |
| NDC07         | J39       | J47     | CONDUIT | 43.9   | 0.7216  | 0.0450    |
| NDC08         | J72       | J47     | CONDUIT | 15.8   | 2.2581  | 0.0450    |
| NDC09_HDPE600 | J9        | J72     | CONDUIT | 15.8   | 0.4239  | 0.0120    |
| NDC10         | J48       | J9      | CONDUIT | 30.4   | 2.1489  | 0.0450    |
| OFA_CC700     | J5        | OF-A    | CONDUIT | 24.5   | 1.2269  | 0.0160    |
| OFB_CC700     | 16130     | OF-B    | CONDUIT | 14.1   | 0.8597  | 0.0160    |
| OFC_CC600     | 26456     | OF-C    | CONDUIT | 18.5   | 0.4320  | 0.0160    |
| PD_Is_HDPE300 | SU1       | J38     | CONDUIT | 10.0   | -8.0358 | 0.0190    |
| PDDC01        | PDDJ01    | PDDJ02  | CONDUIT | 6.2    | 0.4063  | 0.0350    |
| PDDC02        | PDDJ02    | PDDJ03  | CONDUIT | 11.6   | 0.3108  | 0.0350    |
| PDDC03        | PDDJ03    | PDDJ04  | CONDUIT | 23.5   | 0.3739  | 0.0350    |
| PDDC04        | PDDJ04    | PDDJ05  | CONDUIT | 61.2   | 0.3610  | 0.0350    |
| PDDC05        | PDDJ05    | PDDJ06  | CONDUIT | 40.2   | 0.2960  | 0.0350    |
| PDDC06        | PDDJ06    | PDDJ07  | CONDUIT | 54.3   | 0.2411  | 0.0350    |
| PDDC07        | PDDJ07    | PDDJ08  | CONDUIT | 38.4   | 1.4338  | 0.0350    |
| PDDC08        | PDDJ08    | PDDJ09  | CONDUIT | 38.2   | 0.5552  | 0.0350    |
| PDDC09        | PDDJ09    | PDDJ10  | CONDUIT | 25.3   | 0.5379  | 0.0350    |
| PDDC10        | PDDJ10    | PDDJ11  | CONDUIT | 32.9   | 2.5936  | 0.0350    |
| PUB_rd_DC01   | 26578     | 25025   | CONDUIT | 78.4   | 0.9229  | 0.0350    |
| PUB_rd_DC02   | J36       | 25010   | CONDUIT | 21.2   | 0.5671  | 0.0350    |

|             |         |         |         |       |         |        |
|-------------|---------|---------|---------|-------|---------|--------|
| PUB_rd_DC03 | 25010   | PDDJ11  | CONDUIT | 20.0  | 0.5005  | 0.0350 |
| PUB_rd_DC04 | PDDJ11  | 26456   | CONDUIT | 24.8  | 0.2823  | 0.0350 |
| PUB_rd_DC05 | 26419   | 16017   | CONDUIT | 46.7  | 1.2295  | 0.0350 |
| PUB_rd_DC06 | 16017   | 16130   | CONDUIT | 71.4  | 0.0056  | 0.0350 |
| PUB_rd_DC07 | J2      | 16130   | CONDUIT | 79.3  | 0.0996  | 0.0350 |
| PUB_rd_DC08 | 16094   | J5      | CONDUIT | 134.3 | 0.2800  | 0.0350 |
| SDC01       | J49     | J87     | CONDUIT | 33.1  | 3.0879  | 0.0450 |
| SDC02       | J87     | J50     | CONDUIT | 46.3  | 2.4850  | 0.0450 |
| SDC03       | J50     | J51     | CONDUIT | 17.9  | 2.9541  | 0.0450 |
| SMC14       | DDJ14   | 16130   | CONDUIT | 259.5 | 1.0978  | 0.0350 |
| U012001     | T012001 | DDJ03   | CONDUIT | 65.5  | 1.6540  | 0.0350 |
| U013002     | T013002 | DDJ01   | CONDUIT | 33.8  | 0.7672  | 0.0350 |
| U013003     | T013003 | T013002 | CONDUIT | 22.4  | 0.7941  | 0.0350 |
| U013004     | T043003 | T013003 | CONDUIT | 43.7  | 0.8177  | 0.0350 |
| U013006_2   | T013006 | T043003 | CONDUIT | 5.7   | 3.1238  | 0.0350 |
| U013007     | T013007 | T013006 | CONDUIT | 36.6  | 0.8478  | 0.0350 |
| U013008     | T013012 | T013007 | CONDUIT | 125.0 | 1.4481  | 0.0350 |
| U013015     | T013016 | T013012 | CONDUIT | 57.1  | -0.0350 | 0.0350 |
| U013019     | T013019 | T013016 | CONDUIT | 28.3  | 3.5419  | 0.0350 |
| U013020     | T013020 | T013019 | CONDUIT | 23.0  | 1.4552  | 0.0350 |
| U013021     | T013021 | T013020 | CONDUIT | 23.2  | 1.4391  | 0.0350 |
| U013022     | T013022 | T013021 | CONDUIT | 53.4  | 0.6253  | 0.0350 |
| U013023     | T013023 | T013022 | CONDUIT | 42.9  | 0.7765  | 0.0350 |
| U013024     | T013024 | T013023 | CONDUIT | 28.5  | 1.1722  | 0.0350 |
| U013025     | T013025 | T013024 | CONDUIT | 94.1  | 0.1817  | 0.0350 |
| U013026     | T013031 | T013025 | CONDUIT | 95.9  | 1.0726  | 0.0350 |
| U013032     | T013032 | T013031 | CONDUIT | 140.8 | 0.2771  | 0.0350 |
| U013033     | T013033 | T013032 | CONDUIT | 117.1 | 0.4695  | 0.0350 |
| U013034     | T013037 | T013033 | CONDUIT | 154.0 | 0.1818  | 0.0350 |
| U013038     | T013042 | T013037 | CONDUIT | 63.3  | -0.0316 | 0.0350 |
| U013044     | T013044 | T013042 | CONDUIT | 91.4  | 0.0109  | 0.0350 |
| U013045     | T013045 | T013044 | CONDUIT | 49.4  | 0.0202  | 0.0350 |
| U014001     | T014001 | T013012 | CONDUIT | 20.8  | 0.0482  | 0.0350 |
| U015002     | T015003 | T015001 | CONDUIT | 278.1 | 0.5752  | 0.0350 |
| U016001     | T016001 | T013037 | CONDUIT | 114.9 | 0.0670  | 0.0350 |
| U016002     | T016003 | T016001 | CONDUIT | 52.3  | 0.2928  | 0.0350 |
| OR1         | J38     | PDDJ01  | ORIFICE |       |         |        |

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

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

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Transect Summary  
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Transect 248  
Area:

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

Hrad:

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

Width:

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

Transect 257

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

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0127 | 0.0220 | 0.0268 | 0.0418 | 0.0625 |
|       | 0.0832 | 0.1057 | 0.1281 | 0.1504 | 0.1726 |
|       | 0.1947 | 0.2166 | 0.2384 | 0.2604 | 0.2824 |
|       | 0.3042 | 0.3258 | 0.3473 | 0.3687 | 0.3899 |
|       | 0.4110 | 0.4319 | 0.4528 | 0.4740 | 0.4951 |
|       | 0.5162 | 0.5378 | 0.5594 | 0.5809 | 0.6024 |
|       | 0.6239 | 0.6453 | 0.6669 | 0.6884 | 0.7098 |
|       | 0.7312 | 0.7526 | 0.7739 | 0.7952 | 0.8162 |
|       | 0.8371 | 0.8578 | 0.8785 | 0.8991 | 0.9196 |
|       | 0.9389 | 0.9582 | 0.9758 | 0.9856 | 1.0000 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.0755 | 0.2466 | 0.6479 | 0.7914 | 0.8230 |
|        | 0.8434 | 0.8478 | 0.8515 | 0.8552 | 0.8589 |
|        | 0.8629 | 0.8673 | 0.8717 | 0.8749 | 0.8776 |
|        | 0.8811 | 0.8847 | 0.8883 | 0.8922 | 0.8961 |
|        | 0.9002 | 0.9045 | 0.9086 | 0.9119 | 0.9153 |
|        | 0.9186 | 0.9207 | 0.9228 | 0.9250 | 0.9271 |
|        | 0.9293 | 0.9313 | 0.9332 | 0.9351 | 0.9369 |
|        | 0.9388 | 0.9406 | 0.9425 | 0.9443 | 0.9465 |
|        | 0.9487 | 0.9511 | 0.9534 | 0.9558 | 0.9583 |
|        | 0.9619 | 0.9656 | 0.9708 | 0.9839 | 1.0000 |

Transect 261

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0008 | 0.0049 | 0.0157 | 0.0315 | 0.0488 |
|       | 0.0664 | 0.0840 | 0.1018 | 0.1196 | 0.1376 |
|       | 0.1558 | 0.1743 | 0.1935 | 0.2136 | 0.2338 |
|       | 0.2541 | 0.2745 | 0.2950 | 0.3157 | 0.3366 |
|       | 0.3578 | 0.3791 | 0.4005 | 0.4221 | 0.4436 |
|       | 0.4652 | 0.4869 | 0.5086 | 0.5303 | 0.5521 |
|       | 0.5739 | 0.5958 | 0.6178 | 0.6398 | 0.6619 |
|       | 0.6840 | 0.7062 | 0.7284 | 0.7507 | 0.7731 |
|       | 0.7955 | 0.8179 | 0.8404 | 0.8630 | 0.8857 |
|       | 0.9084 | 0.9311 | 0.9540 | 0.9769 | 1.0000 |

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0094 | 0.0196 | 0.0284 | 0.0442 | 0.0654 |
|       | 0.0881 | 0.1110 | 0.1338 | 0.1564 | 0.1789 |
|       | 0.2007 | 0.2219 | 0.2336 | 0.2478 | 0.2699 |
|       | 0.2919 | 0.3136 | 0.3352 | 0.3555 | 0.3749 |
|       | 0.3926 | 0.4141 | 0.4355 | 0.4573 | 0.4795 |
|       | 0.5017 | 0.5238 | 0.5458 | 0.5678 | 0.5896 |
|       | 0.6110 | 0.6322 | 0.6534 | 0.6745 | 0.6959 |
|       | 0.7172 | 0.7385 | 0.7597 | 0.7809 | 0.8018 |
|       | 0.8225 | 0.8432 | 0.8638 | 0.8843 | 0.9045 |
|       | 0.9247 | 0.9447 | 0.9641 | 0.9821 | 1.0000 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.1045 | 0.3072 | 0.6073 | 0.7380 | 0.7556 |
|        | 0.7620 | 0.7661 | 0.7701 | 0.7741 | 0.7816 |
|        | 0.7945 | 0.8097 | 0.8553 | 0.8719 | 0.8762 |
|        | 0.8805 | 0.8852 | 0.8902 | 0.8979 | 0.9077 |
|        | 0.9213 | 0.9251 | 0.9289 | 0.9319 | 0.9337 |
|        | 0.9356 | 0.9374 | 0.9392 | 0.9411 | 0.9431 |
|        | 0.9458 | 0.9486 | 0.9513 | 0.9540 | 0.9562 |
|        | 0.9584 | 0.9606 | 0.9628 | 0.9650 | 0.9675 |
|        | 0.9701 | 0.9727 | 0.9752 | 0.9779 | 0.9808 |
|        | 0.9837 | 0.9866 | 0.9901 | 0.9951 | 1.0000 |

Transect 287

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

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0174 | 0.0403 | 0.0624 | 0.0700 | 0.0863 |
|       | 0.1043 | 0.1231 | 0.1412 | 0.1615 | 0.1871 |
|       | 0.2153 | 0.2428 | 0.2691 | 0.2752 | 0.3036 |
|       | 0.3286 | 0.3363 | 0.3340 | 0.3621 | 0.3777 |
|       | 0.3923 | 0.4087 | 0.4310 | 0.4572 | 0.4820 |
|       | 0.4972 | 0.5269 | 0.5566 | 0.5871 | 0.6174 |
|       | 0.6471 | 0.6655 | 0.6946 | 0.7232 | 0.7508 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.7776 | 0.8016 | 0.7850 | 0.7803 | 0.8050 |
|        | 0.8333 | 0.8613 | 0.8893 | 0.8900 | 0.9189 |
|        | 0.9497 | 0.9802 | 0.9925 | 0.9932 | 1.0000 |
|        | 0.0388 | 0.0622 | 0.1001 | 0.1472 | 0.1932 |
|        | 0.2439 | 0.2840 | 0.3062 | 0.3277 | 0.3432 |
|        | 0.3525 | 0.3629 | 0.3840 | 0.4107 | 0.4181 |
|        | 0.4292 | 0.4928 | 0.5252 | 0.5392 | 0.5788 |
|        | 0.6051 | 0.6133 | 0.6294 | 0.6481 | 0.6639 |
|        | 0.6780 | 0.6829 | 0.6894 | 0.6960 | 0.7026 |
|        | 0.7203 | 0.7310 | 0.7387 | 0.7463 | 0.7564 |
|        | 0.7833 | 0.8082 | 0.8416 | 0.8655 | 0.8768 |
|        | 0.8839 | 0.8911 | 0.9005 | 0.9100 | 0.9179 |
|        | 0.9267 | 0.9355 | 0.9539 | 0.9783 | 1.0000 |

Transect 288

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  |        |        |        |        |        |
|        | 0.0010 | 0.0041 | 0.0080 | 0.0120 | 0.0166 |
|        | 0.0221 | 0.0281 | 0.0356 | 0.0450 | 0.0559 |
|        | 0.0679 | 0.0809 | 0.0946 | 0.1096 | 0.1256 |
|        | 0.1424 | 0.1601 | 0.1785 | 0.1973 | 0.2166 |
|        | 0.2362 | 0.2562 | 0.2767 | 0.2976 | 0.3190 |
|        | 0.3408 | 0.3630 | 0.3854 | 0.4081 | 0.4313 |
|        | 0.4551 | 0.4794 | 0.5046 | 0.5303 | 0.5570 |
|        | 0.5842 | 0.6121 | 0.6408 | 0.6699 | 0.6991 |
|        | 0.7284 | 0.7581 | 0.7882 | 0.8183 | 0.8485 |
|        | 0.8787 | 0.9089 | 0.9392 | 0.9695 | 1.0000 |
| Hrad:  |        |        |        |        |        |
|        | 0.0152 | 0.0357 | 0.0624 | 0.0906 | 0.1150 |
|        | 0.1343 | 0.1474 | 0.1574 | 0.1727 | 0.1854 |
|        | 0.1964 | 0.2125 | 0.2323 | 0.2523 | 0.2716 |
|        | 0.2912 | 0.3094 | 0.3223 | 0.3397 | 0.3603 |
|        | 0.3816 | 0.4027 | 0.4234 | 0.4433 | 0.4642 |
|        | 0.4773 | 0.5019 | 0.5261 | 0.5490 | 0.5716 |
|        | 0.5843 | 0.6050 | 0.6063 | 0.6281 | 0.6415 |
|        | 0.6642 | 0.6855 | 0.7086 | 0.7021 | 0.7300 |
|        | 0.7578 | 0.7764 | 0.8003 | 0.8300 | 0.8597 |
|        | 0.8893 | 0.9189 | 0.9476 | 0.9756 | 1.0000 |
| Width: |        |        |        |        |        |
|        | 0.0712 | 0.1182 | 0.1278 | 0.1435 | 0.1608 |
|        | 0.1880 | 0.2146 | 0.2825 | 0.3407 | 0.3743 |
|        | 0.4091 | 0.4352 | 0.4718 | 0.5087 | 0.5359 |
|        | 0.5661 | 0.5886 | 0.6099 | 0.6231 | 0.6356 |
|        | 0.6484 | 0.6618 | 0.6765 | 0.6914 | 0.7048 |
|        | 0.7199 | 0.7286 | 0.7376 | 0.7480 | 0.7684 |
|        | 0.7854 | 0.8099 | 0.8356 | 0.8533 | 0.8810 |
|        | 0.8972 | 0.9292 | 0.9437 | 0.9542 | 0.9578 |
|        | 0.9614 | 0.9781 | 0.9849 | 0.9860 | 0.9870 |
|        | 0.9881 | 0.9891 | 0.9911 | 0.9938 | 1.0000 |

Transect 293

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  |        |        |        |        |        |
|        | 0.0002 | 0.0017 | 0.0076 | 0.0180 | 0.0315 |
|        | 0.0464 | 0.0618 | 0.0777 | 0.0941 | 0.1106 |
|        | 0.1274 | 0.1444 | 0.1616 | 0.1788 | 0.1961 |
|        | 0.2134 | 0.2308 | 0.2482 | 0.2657 | 0.2835 |
|        | 0.3019 | 0.3211 | 0.3410 | 0.3615 | 0.3822 |
|        | 0.4035 | 0.4256 | 0.4481 | 0.4709 | 0.4941 |
|        | 0.5176 | 0.5414 | 0.5655 | 0.5897 | 0.6140 |
|        | 0.6384 | 0.6629 | 0.6876 | 0.7125 | 0.7379 |
|        | 0.7633 | 0.7888 | 0.8144 | 0.8401 | 0.8661 |
|        | 0.8925 | 0.9193 | 0.9461 | 0.9730 | 1.0000 |
| Hrad:  |        |        |        |        |        |
|        | 0.0122 | 0.0174 | 0.0286 | 0.0426 | 0.0596 |
|        | 0.0841 | 0.1083 | 0.1314 | 0.1552 | 0.1800 |
|        | 0.2047 | 0.2290 | 0.2554 | 0.2816 | 0.3078 |
|        | 0.3339 | 0.3599 | 0.3859 | 0.4116 | 0.4365 |
|        | 0.4603 | 0.4522 | 0.4721 | 0.4782 | 0.4958 |
|        | 0.5115 | 0.5194 | 0.5446 | 0.5692 | 0.5932 |
|        | 0.5929 | 0.6124 | 0.6356 | 0.6601 | 0.6832 |
|        | 0.7072 | 0.7314 | 0.7553 | 0.7635 | 0.7873 |
|        | 0.8113 | 0.8358 | 0.8602 | 0.8838 | 0.9065 |
|        | 0.9044 | 0.9287 | 0.9532 | 0.9771 | 1.0000 |
| Width: |        |        |        |        |        |
|        | 0.0201 | 0.1337 | 0.2971 | 0.4551 | 0.5431 |
|        | 0.5612 | 0.5780 | 0.5961 | 0.6082 | 0.6168 |
|        | 0.6247 | 0.6328 | 0.6349 | 0.6370 | 0.6391 |
|        | 0.6411 | 0.6430 | 0.6450 | 0.6525 | 0.6634 |
|        | 0.6964 | 0.7225 | 0.7489 | 0.7581 | 0.7730 |
|        | 0.8025 | 0.8218 | 0.8377 | 0.8487 | 0.8649 |
|        | 0.8755 | 0.8866 | 0.8920 | 0.8954 | 0.9007 |
|        | 0.9046 | 0.9081 | 0.9118 | 0.9347 | 0.9386 |
|        | 0.9420 | 0.9449 | 0.9477 | 0.9514 | 0.9687 |
|        | 0.9875 | 0.9903 | 0.9928 | 0.9960 | 1.0000 |

Transect 295

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: |        |        |        |        |        |
|       | 0.0003 | 0.0010 | 0.0019 | 0.0030 | 0.0042 |
|       | 0.0056 | 0.0069 | 0.0084 | 0.0100 | 0.0117 |
|       | 0.0135 | 0.0155 | 0.0190 | 0.0252 | 0.0351 |
|       | 0.0484 | 0.0646 | 0.0820 | 0.1003 | 0.1191 |
|       | 0.1385 | 0.1583 | 0.1787 | 0.1995 | 0.2207 |
|       | 0.2424 | 0.2646 | 0.2869 | 0.3101 | 0.3335 |
|       | 0.3572 | 0.3810 | 0.4053 | 0.4311 | 0.4591 |
|       | 0.4887 | 0.5195 | 0.5513 | 0.5851 | 0.6198 |
|       | 0.6554 | 0.6919 | 0.7293 | 0.7673 | 0.8055 |
|       | 0.8439 | 0.8826 | 0.9215 | 0.9606 | 1.0000 |
| Hrad: |        |        |        |        |        |
|       | 0.0211 | 0.0474 | 0.0750 | 0.1022 | 0.1327 |
|       | 0.1618 | 0.1896 | 0.2165 | 0.2421 | 0.2666 |
|       | 0.2906 | 0.3103 | 0.3012 | 0.2603 | 0.2014 |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
| Width:       | 0.1965 | 0.2057 | 0.2230 | 0.2483 | 0.2749 |
|              | 0.3032 | 0.3311 | 0.3443 | 0.3772 | 0.4068 |
|              | 0.4361 | 0.4694 | 0.5028 | 0.5239 | 0.5590 |
|              | 0.5943 | 0.6263 | 0.6511 | 0.6805 | 0.6970 |
|              | 0.7239 | 0.7510 | 0.7757 | 0.7070 | 0.7411 |
|              | 0.7726 | 0.8025 | 0.7645 | 0.7946 | 0.8302 |
|              | 0.8655 | 0.8985 | 0.9321 | 0.9655 | 1.0000 |
|              | 0.0138 | 0.0211 | 0.0257 | 0.0296 | 0.0319 |
|              | 0.0343 | 0.0366 | 0.0389 | 0.0413 | 0.0438 |
|              | 0.0463 | 0.0592 | 0.1186 | 0.1969 | 0.3025 |
| Transect 297 | 0.3850 | 0.4315 | 0.4577 | 0.4699 | 0.4830 |
|              | 0.4954 | 0.5102 | 0.5230 | 0.5313 | 0.5434 |
|              | 0.5560 | 0.5635 | 0.5706 | 0.5917 | 0.5966 |
|              | 0.6009 | 0.6083 | 0.6272 | 0.6747 | 0.7351 |
|              | 0.7626 | 0.7934 | 0.8281 | 0.8739 | 0.8887 |
|              | 0.9079 | 0.9393 | 0.9541 | 0.9657 | 0.9703 |
|              | 0.9751 | 0.9822 | 0.9885 | 0.9949 | 1.0000 |
|              | 0.0003 | 0.0012 | 0.0025 | 0.0040 | 0.0056 |
|              | 0.0084 | 0.0120 | 0.0159 | 0.0200 | 0.0249 |
|              | 0.0313 | 0.0386 | 0.0469 | 0.0565 | 0.0668 |
| Area:        | 0.0778 | 0.0900 | 0.1032 | 0.1195 | 0.1387 |
|              | 0.1595 | 0.1808 | 0.2027 | 0.2253 | 0.2481 |
|              | 0.2714 | 0.2950 | 0.3189 | 0.3435 | 0.3692 |
|              | 0.3961 | 0.4243 | 0.4536 | 0.4832 | 0.5135 |
|              | 0.5445 | 0.5759 | 0.6077 | 0.6400 | 0.6723 |
|              | 0.7046 | 0.7371 | 0.7697 | 0.8025 | 0.8353 |
|              | 0.8682 | 0.9010 | 0.9340 | 0.9670 | 1.0000 |
|              | 0.0210 | 0.0338 | 0.0615 | 0.0872 | 0.1125 |
|              | 0.0821 | 0.1107 | 0.1387 | 0.1656 | 0.1848 |
|              | 0.1868 | 0.2053 | 0.2169 | 0.2088 | 0.2319 |
| Hrad:        | 0.2502 | 0.2638 | 0.2868 | 0.3016 | 0.3125 |
|              | 0.3199 | 0.3376 | 0.3557 | 0.3394 | 0.3683 |
|              | 0.3942 | 0.4227 | 0.4496 | 0.4683 | 0.4932 |
|              | 0.5153 | 0.5361 | 0.5195 | 0.5481 | 0.5728 |
|              | 0.5993 | 0.6271 | 0.6498 | 0.6594 | 0.6909 |
|              | 0.7226 | 0.7542 | 0.7812 | 0.8128 | 0.8449 |
|              | 0.8770 | 0.9091 | 0.9407 | 0.9721 | 1.0000 |
|              | 0.0130 | 0.0367 | 0.0414 | 0.0458 | 0.0582 |
|              | 0.1068 | 0.1141 | 0.1201 | 0.1271 | 0.1706 |
|              | 0.2122 | 0.2290 | 0.2743 | 0.3010 | 0.3178 |
| Width:       | 0.3550 | 0.3772 | 0.4301 | 0.5442 | 0.6067 |
|              | 0.6343 | 0.6511 | 0.6704 | 0.6844 | 0.6929 |
|              | 0.7066 | 0.7157 | 0.7272 | 0.7583 | 0.7983 |
|              | 0.8248 | 0.8727 | 0.8866 | 0.9028 | 0.9286 |
|              | 0.9365 | 0.9548 | 0.9672 | 0.9722 | 0.9745 |
|              | 0.9765 | 0.9784 | 0.9865 | 0.9883 | 0.9894 |
|              | 0.9905 | 0.9916 | 0.9931 | 0.9948 | 1.0000 |
|              | 0.0012 | 0.0034 | 0.0066 | 0.0105 | 0.0152 |
|              | 0.0213 | 0.0281 | 0.0355 | 0.0439 | 0.0533 |
|              | 0.0647 | 0.0768 | 0.0897 | 0.1033 | 0.1182 |
| Transect 299 | 0.1342 | 0.1506 | 0.1678 | 0.1853 | 0.2031 |
|              | 0.2211 | 0.2392 | 0.2578 | 0.2769 | 0.2961 |
|              | 0.3155 | 0.3352 | 0.3552 | 0.3764 | 0.3984 |
|              | 0.4209 | 0.4439 | 0.4675 | 0.4916 | 0.5163 |
|              | 0.5415 | 0.5678 | 0.5961 | 0.6271 | 0.6596 |
|              | 0.6925 | 0.7257 | 0.7592 | 0.7930 | 0.8271 |
|              | 0.8615 | 0.8959 | 0.9304 | 0.9650 | 1.0000 |
|              | 0.0242 | 0.0503 | 0.0648 | 0.0936 | 0.1047 |
|              | 0.1163 | 0.1443 | 0.1697 | 0.1867 | 0.1934 |
|              | 0.1940 | 0.2191 | 0.2371 | 0.2672 | 0.2672 |
| Hrad:        | 0.2946 | 0.3210 | 0.3428 | 0.3737 | 0.4051 |
|              | 0.4362 | 0.4670 | 0.4970 | 0.5137 | 0.5459 |
|              | 0.5756 | 0.6023 | 0.6299 | 0.6304 | 0.6575 |
|              | 0.6840 | 0.7094 | 0.7310 | 0.7536 | 0.7783 |
|              | 0.8023 | 0.8189 | 0.8270 | 0.7493 | 0.7678 |
|              | 0.7962 | 0.8250 | 0.8540 | 0.8295 | 0.8543 |
|              | 0.8870 | 0.9207 | 0.9545 | 0.9882 | 1.0000 |
|              | 0.0555 | 0.0731 | 0.1023 | 0.1203 | 0.1465 |
|              | 0.1846 | 0.2006 | 0.2183 | 0.2488 | 0.2908 |
|              | 0.3354 | 0.3527 | 0.3805 | 0.3890 | 0.4448 |
| Width:       | 0.4581 | 0.4719 | 0.4924 | 0.4989 | 0.5043 |
|              | 0.5097 | 0.5160 | 0.5317 | 0.5420 | 0.5455 |
|              | 0.5512 | 0.5597 | 0.5715 | 0.6152 | 0.6280 |
|              | 0.6421 | 0.6562 | 0.6732 | 0.6900 | 0.7031 |
|              | 0.7240 | 0.7646 | 0.8355 | 0.9069 | 0.9248 |
|              | 0.9340 | 0.9416 | 0.9482 | 0.9573 | 0.9693 |
|              | 0.9721 | 0.9737 | 0.9752 | 0.9787 | 1.0000 |
|              | 0.0002 | 0.0016 | 0.0049 | 0.0095 | 0.0159 |
|              | 0.0235 | 0.0316 | 0.0402 | 0.0492 | 0.0594 |
|              | 0.0709 | 0.0849 | 0.0998 | 0.1151 | 0.1306 |
| Transect 300 | 0.1464 | 0.1626 | 0.1791 | 0.1963 | 0.2145 |
|              | 0.2332 | 0.2525 | 0.2725 | 0.2931 | 0.3149 |
|              | 0.3386 | 0.3632 | 0.3885 | 0.4140 | 0.4399 |
|              | 0.4661 | 0.4924 | 0.5190 | 0.5456 | 0.5723 |
|              | 0.5991 | 0.6260 | 0.6532 | 0.6806 | 0.7081 |
|              | 0.7357 | 0.7633 | 0.7912 | 0.8195 | 0.8480 |
|              | 0.8769 | 0.9065 | 0.9369 | 0.9680 | 1.0000 |
|              | 0.0002 | 0.0016 | 0.0049 | 0.0095 | 0.0159 |
|              | 0.0235 | 0.0316 | 0.0402 | 0.0492 | 0.0594 |
|              | 0.0709 | 0.0849 | 0.0998 | 0.1151 | 0.1306 |

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

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

Transect 301

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

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

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

Transect 304

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0002 | 0.0013 | 0.0029 | 0.0049 | 0.0072 |
|       | 0.0100 | 0.0131 | 0.0167 | 0.0209 | 0.0261 |
|       | 0.0327 | 0.0401 | 0.0483 | 0.0577 | 0.0681 |
|       | 0.0797 | 0.0920 | 0.1048 | 0.1185 | 0.1340 |
|       | 0.1515 | 0.1710 | 0.1921 | 0.2151 | 0.2395 |
|       | 0.2644 | 0.2898 | 0.3163 | 0.3438 | 0.3721 |
|       | 0.4009 | 0.4303 | 0.4603 | 0.4905 | 0.5209 |
|       | 0.5515 | 0.5825 | 0.6136 | 0.6449 | 0.6763 |
|       | 0.7079 | 0.7396 | 0.7716 | 0.8036 | 0.8359 |
|       | 0.8683 | 0.9009 | 0.9338 | 0.9668 | 1.0000 |

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0134 | 0.0290 | 0.0533 | 0.0776 | 0.0918 |
|       | 0.1125 | 0.1349 | 0.1442 | 0.1657 | 0.1587 |
|       | 0.1521 | 0.1791 | 0.2024 | 0.2036 | 0.2252 |
|       | 0.2475 | 0.2700 | 0.2807 | 0.3006 | 0.3202 |
|       | 0.3352 | 0.3479 | 0.3618 | 0.3295 | 0.3253 |
|       | 0.3553 | 0.3835 | 0.4081 | 0.4328 | 0.4586 |
|       | 0.4601 | 0.4883 | 0.5113 | 0.5412 | 0.5716 |
|       | 0.5975 | 0.6273 | 0.6581 | 0.6883 | 0.7178 |
|       | 0.7467 | 0.7756 | 0.8058 | 0.8349 | 0.8635 |
|       | 0.8927 | 0.9192 | 0.9462 | 0.9755 | 1.0000 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.0185 | 0.0446 | 0.0548 | 0.0631 | 0.0784 |
|        | 0.0891 | 0.0975 | 0.1163 | 0.1360 | 0.1732 |
|        | 0.2156 | 0.2243 | 0.2644 | 0.2941 | 0.3339 |
|        | 0.3574 | 0.3747 | 0.3932 | 0.4417 | 0.4959 |
|        | 0.5548 | 0.6122 | 0.6577 | 0.7166 | 0.7384 |
|        | 0.7542 | 0.7712 | 0.8118 | 0.8365 | 0.8536 |
|        | 0.8737 | 0.8904 | 0.9025 | 0.9085 | 0.9134 |
|        | 0.9250 | 0.9305 | 0.9342 | 0.9385 | 0.9436 |
|        | 0.9493 | 0.9548 | 0.9585 | 0.9634 | 0.9688 |
|        | 0.9732 | 0.9806 | 0.9871 | 0.9912 | 1.0000 |

Transect 311

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0002 | 0.0013 | 0.0029 | 0.0049 | 0.0072 |
|       | 0.0100 | 0.0131 | 0.0167 | 0.0209 | 0.0261 |
|       | 0.0327 | 0.0401 | 0.0483 | 0.0577 | 0.0681 |
|       | 0.0797 | 0.0920 | 0.1048 | 0.1185 | 0.1340 |
|       | 0.1515 | 0.1710 | 0.1921 | 0.2151 | 0.2395 |
|       | 0.2644 | 0.2898 | 0.3163 | 0.3438 | 0.3721 |
|       |        |        |        |        |        |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
| Hrad:        | 0.4009 | 0.4303 | 0.4603 | 0.4905 | 0.5209 |
|              | 0.5515 | 0.5825 | 0.6136 | 0.6449 | 0.6763 |
|              | 0.7079 | 0.7396 | 0.7716 | 0.8036 | 0.8359 |
|              | 0.8683 | 0.9009 | 0.9338 | 0.9668 | 1.0000 |
|              | 0.0134 | 0.0290 | 0.0533 | 0.0776 | 0.0918 |
|              | 0.1125 | 0.1349 | 0.1442 | 0.1657 | 0.1587 |
|              | 0.1521 | 0.1791 | 0.2024 | 0.2036 | 0.2252 |
|              | 0.2475 | 0.2700 | 0.2807 | 0.3006 | 0.3202 |
|              | 0.3352 | 0.3479 | 0.3618 | 0.3295 | 0.3253 |
|              | 0.3553 | 0.3835 | 0.4081 | 0.4328 | 0.4586 |
| Width:       | 0.4601 | 0.4883 | 0.5113 | 0.5412 | 0.5716 |
|              | 0.5975 | 0.6273 | 0.6581 | 0.6883 | 0.7178 |
|              | 0.7467 | 0.7756 | 0.8058 | 0.8349 | 0.8635 |
|              | 0.8927 | 0.9192 | 0.9462 | 0.9755 | 1.0000 |
|              | 0.0185 | 0.0446 | 0.0548 | 0.0631 | 0.0784 |
|              | 0.0891 | 0.0975 | 0.1163 | 0.1360 | 0.1732 |
|              | 0.2156 | 0.2243 | 0.2644 | 0.2941 | 0.3339 |
|              | 0.3574 | 0.3747 | 0.3932 | 0.4417 | 0.4959 |
|              | 0.5548 | 0.6122 | 0.6577 | 0.7166 | 0.7384 |
|              | 0.7542 | 0.7712 | 0.8118 | 0.8365 | 0.8536 |
| Transect 319 |        |        |        |        |        |
| Area:        | 0.0012 | 0.0045 | 0.0089 | 0.0142 | 0.0200 |
|              | 0.0265 | 0.0345 | 0.0436 | 0.0539 | 0.0650 |
|              | 0.0765 | 0.0885 | 0.1010 | 0.1141 | 0.1278 |
|              | 0.1418 | 0.1564 | 0.1714 | 0.1868 | 0.2027 |
|              | 0.2191 | 0.2361 | 0.2535 | 0.2714 | 0.2897 |
|              | 0.3085 | 0.3278 | 0.3476 | 0.3679 | 0.3893 |
|              | 0.4124 | 0.4361 | 0.4608 | 0.4862 | 0.5123 |
|              | 0.5391 | 0.5667 | 0.5951 | 0.6242 | 0.6542 |
|              | 0.6858 | 0.7185 | 0.7518 | 0.7856 | 0.8198 |
|              | 0.8544 | 0.8893 | 0.9252 | 0.9621 | 1.0000 |
| Hrad:        | 0.0186 | 0.0448 | 0.0711 | 0.0997 | 0.1271 |
|              | 0.1351 | 0.1555 | 0.1745 | 0.1941 | 0.2229 |
|              | 0.2529 | 0.2817 | 0.3046 | 0.3313 | 0.3582 |
|              | 0.3854 | 0.4116 | 0.4370 | 0.4624 | 0.4868 |
|              | 0.5113 | 0.5335 | 0.5573 | 0.5806 | 0.6063 |
|              | 0.6301 | 0.6509 | 0.6737 | 0.6944 | 0.6639 |
|              | 0.6837 | 0.7004 | 0.7141 | 0.7330 | 0.7507 |
|              | 0.7718 | 0.7853 | 0.8030 | 0.8234 | 0.8206 |
|              | 0.8284 | 0.8441 | 0.8703 | 0.8957 | 0.9245 |
|              | 0.9538 | 0.9838 | 0.9803 | 0.9995 | 1.0000 |
| Width:       | 0.0645 | 0.1000 | 0.1258 | 0.1424 | 0.1574 |
|              | 0.1966 | 0.2225 | 0.2508 | 0.2783 | 0.2922 |
|              | 0.3032 | 0.3148 | 0.3323 | 0.3453 | 0.3574 |
|              | 0.3688 | 0.3807 | 0.3930 | 0.4048 | 0.4173 |
|              | 0.4295 | 0.4434 | 0.4557 | 0.4684 | 0.4789 |
|              | 0.4906 | 0.5046 | 0.5170 | 0.5308 | 0.5875 |
|              | 0.6044 | 0.6239 | 0.6465 | 0.6646 | 0.6838 |
|              | 0.6999 | 0.7231 | 0.7427 | 0.7597 | 0.7989 |
|              | 0.8297 | 0.8530 | 0.8656 | 0.8785 | 0.8880 |
|              | 0.8967 | 0.9046 | 0.9443 | 0.9628 | 1.0000 |
| Transect 320 |        |        |        |        |        |
| Area:        | 0.0007 | 0.0025 | 0.0053 | 0.0086 | 0.0123 |
|              | 0.0165 | 0.0214 | 0.0268 | 0.0328 | 0.0395 |
|              | 0.0467 | 0.0546 | 0.0632 | 0.0723 | 0.0817 |
|              | 0.0913 | 0.1012 | 0.1113 | 0.1218 | 0.1340 |
|              | 0.1473 | 0.1613 | 0.1766 | 0.1942 | 0.2129 |
|              | 0.2326 | 0.2531 | 0.2743 | 0.2968 | 0.3206 |
|              | 0.3456 | 0.3720 | 0.3991 | 0.4277 | 0.4577 |
|              | 0.4883 | 0.5195 | 0.5514 | 0.5840 | 0.6174 |
|              | 0.6515 | 0.6870 | 0.7241 | 0.7620 | 0.8004 |
|              | 0.8393 | 0.8785 | 0.9181 | 0.9582 | 1.0000 |
| Hrad:        | 0.0209 | 0.0430 | 0.0724 | 0.1010 | 0.1301 |
|              | 0.1533 | 0.1719 | 0.1956 | 0.2171 | 0.2366 |
|              | 0.2598 | 0.2732 | 0.2956 | 0.3258 | 0.3583 |
|              | 0.3906 | 0.4217 | 0.4504 | 0.4718 | 0.4310 |
|              | 0.4482 | 0.4672 | 0.4771 | 0.4546 | 0.4786 |
|              | 0.5004 | 0.5267 | 0.5544 | 0.5576 | 0.5757 |
|              | 0.5951 | 0.5776 | 0.6080 | 0.6038 | 0.6298 |
|              | 0.6586 | 0.6875 | 0.7119 | 0.7396 | 0.7612 |
|              | 0.7890 | 0.7786 | 0.8059 | 0.8305 | 0.8627 |
|              | 0.8969 | 0.9295 | 0.9622 | 0.9926 | 1.0000 |
| Width:       | 0.0304 | 0.0568 | 0.0705 | 0.0821 | 0.0916 |
|              | 0.1042 | 0.1202 | 0.1325 | 0.1461 | 0.1613 |
|              | 0.1738 | 0.1930 | 0.2066 | 0.2144 | 0.2203 |
|              | 0.2258 | 0.2318 | 0.2388 | 0.2495 | 0.3003 |
|              | 0.3174 | 0.3336 | 0.3890 | 0.4223 | 0.4439 |
|              | 0.4657 | 0.4834 | 0.5012 | 0.5405 | 0.5675 |
|              | 0.5938 | 0.6222 | 0.6351 | 0.6843 | 0.7020 |
|              | 0.7163 | 0.7300 | 0.7482 | 0.7628 | 0.7836 |
|              | 0.7977 | 0.8524 | 0.8681 | 0.8863 | 0.8963 |
|              | 0.9040 | 0.9131 | 0.9218 | 0.9433 | 1.0000 |
| Transect 321 |        |        |        |        |        |
| Area:        | 0.0006 | 0.0017 | 0.0034 | 0.0058 | 0.0087 |
|              | 0.0121 | 0.0158 | 0.0199 | 0.0253 | 0.0312 |

|               |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|
| Hrad:         | 0.0374 | 0.0447 | 0.0531 | 0.0624 | 0.0727 |
|               | 0.0844 | 0.0979 | 0.1129 | 0.1289 | 0.1458 |
|               | 0.1636 | 0.1828 | 0.2030 | 0.2243 | 0.2464 |
|               | 0.2701 | 0.2954 | 0.3220 | 0.3495 | 0.3776 |
|               | 0.4062 | 0.4351 | 0.4646 | 0.4946 | 0.5250 |
|               | 0.5557 | 0.5865 | 0.6174 | 0.6484 | 0.6797 |
|               | 0.7111 | 0.7427 | 0.7743 | 0.8061 | 0.8381 |
|               | 0.8701 | 0.9023 | 0.9347 | 0.9672 | 1.0000 |
|               | 0.0234 | 0.0436 | 0.0529 | 0.0702 | 0.0910 |
|               | 0.1130 | 0.1344 | 0.1378 | 0.1472 | 0.1715 |
| Width:        | 0.1939 | 0.2123 | 0.2278 | 0.2437 | 0.2581 |
|               | 0.2668 | 0.2705 | 0.2804 | 0.2918 | 0.3096 |
|               | 0.3222 | 0.3401 | 0.3506 | 0.3668 | 0.3837 |
|               | 0.3735 | 0.3846 | 0.3893 | 0.4162 | 0.4393 |
|               | 0.4667 | 0.4927 | 0.5159 | 0.5398 | 0.5668 |
|               | 0.5972 | 0.6275 | 0.6575 | 0.6866 | 0.7154 |
|               | 0.7449 | 0.7744 | 0.8041 | 0.8338 | 0.8633 |
|               | 0.8923 | 0.9204 | 0.9477 | 0.9750 | 1.0000 |
|               | 0.0265 | 0.0385 | 0.0638 | 0.0824 | 0.0961 |
|               | 0.1072 | 0.1177 | 0.1451 | 0.1728 | 0.1824 |
| Transect A100 | 0.2042 | 0.2392 | 0.2690 | 0.2977 | 0.3326 |
|               | 0.3764 | 0.4368 | 0.4715 | 0.5006 | 0.5252 |
|               | 0.5698 | 0.5963 | 0.6329 | 0.6599 | 0.6835 |
|               | 0.7491 | 0.7885 | 0.8301 | 0.8428 | 0.8626 |
|               | 0.8733 | 0.8861 | 0.9037 | 0.9194 | 0.9296 |
|               | 0.9335 | 0.9374 | 0.9416 | 0.9468 | 0.9522 |
|               | 0.9566 | 0.9607 | 0.9644 | 0.9681 | 0.9718 |
|               | 0.9760 | 0.9809 | 0.9867 | 0.9923 | 1.0000 |
|               | 0.0007 | 0.0026 | 0.0059 | 0.0106 | 0.0160 |
|               | 0.0221 | 0.0289 | 0.0363 | 0.0445 | 0.0535 |
| Area:         | 0.0633 | 0.0739 | 0.0849 | 0.0963 | 0.1084 |
|               | 0.1218 | 0.1376 | 0.1555 | 0.1742 | 0.1936 |
|               | 0.2135 | 0.2339 | 0.2548 | 0.2761 | 0.2979 |
|               | 0.3201 | 0.3428 | 0.3659 | 0.3895 | 0.4134 |
|               | 0.4378 | 0.4625 | 0.4877 | 0.5133 | 0.5393 |
|               | 0.5657 | 0.5926 | 0.6201 | 0.6480 | 0.6765 |
|               | 0.7055 | 0.7350 | 0.7650 | 0.7956 | 0.8267 |
|               | 0.8583 | 0.8909 | 0.9248 | 0.9606 | 1.0000 |
|               | 0.0204 | 0.0408 | 0.0612 | 0.0838 | 0.1127 |
|               | 0.1399 | 0.1657 | 0.1907 | 0.2114 | 0.2314 |
| Hrad:         | 0.2515 | 0.2783 | 0.3090 | 0.3360 | 0.3527 |
|               | 0.3681 | 0.3790 | 0.3454 | 0.3711 | 0.4013 |
|               | 0.4315 | 0.4614 | 0.4916 | 0.5213 | 0.5507 |
|               | 0.5797 | 0.6087 | 0.6383 | 0.6675 | 0.6965 |
|               | 0.7251 | 0.7534 | 0.7815 | 0.8094 | 0.8367 |
|               | 0.8626 | 0.8863 | 0.9100 | 0.9335 | 0.9570 |
|               | 0.9803 | 1.0035 | 1.0262 | 1.0485 | 1.0708 |
|               | 1.0916 | 1.0909 | 1.0916 | 1.0530 | 1.0000 |
|               | 0.0325 | 0.0650 | 0.0975 | 0.1263 | 0.1424 |
|               | 0.1586 | 0.1748 | 0.1909 | 0.2108 | 0.2315 |
| Width:        | 0.2522 | 0.2659 | 0.2751 | 0.2868 | 0.3075 |
|               | 0.3589 | 0.4202 | 0.4509 | 0.4702 | 0.4832 |
|               | 0.4956 | 0.5076 | 0.5189 | 0.5302 | 0.5415 |
|               | 0.5528 | 0.5636 | 0.5737 | 0.5838 | 0.5939 |
|               | 0.6039 | 0.6140 | 0.6241 | 0.6342 | 0.6445 |
|               | 0.6557 | 0.6685 | 0.6812 | 0.6940 | 0.7067 |
|               | 0.7194 | 0.7322 | 0.7452 | 0.7585 | 0.7717 |
|               | 0.7860 | 0.8165 | 0.8509 | 0.9279 | 1.0000 |
|               | 0.0010 | 0.0042 | 0.0091 | 0.0150 | 0.0217 |
|               | 0.0292 | 0.0372 | 0.0457 | 0.0547 | 0.0642 |
| Transect A101 | 0.0743 | 0.0848 | 0.0958 | 0.1072 | 0.1192 |
|               | 0.1315 | 0.1444 | 0.1577 | 0.1714 | 0.1856 |
|               | 0.2001 | 0.2149 | 0.2301 | 0.2457 | 0.2617 |
|               | 0.2780 | 0.2947 | 0.3118 | 0.3292 | 0.3470 |
|               | 0.3652 | 0.3838 | 0.4027 | 0.4227 | 0.4461 |
|               | 0.4746 | 0.5042 | 0.5339 | 0.5639 | 0.5947 |
|               | 0.6273 | 0.6618 | 0.6985 | 0.7394 | 0.7812 |
|               | 0.8237 | 0.8669 | 0.9106 | 0.9550 | 1.0000 |
|               | 0.0228 | 0.0456 | 0.0760 | 0.1086 | 0.1390 |
|               | 0.1705 | 0.2041 | 0.2364 | 0.2677 | 0.2980 |
| Hrad:         | 0.3276 | 0.3565 | 0.3860 | 0.4150 | 0.4435 |
|               | 0.4716 | 0.4992 | 0.5265 | 0.5534 | 0.5845 |
|               | 0.6164 | 0.6454 | 0.6742 | 0.7026 | 0.7307 |
|               | 0.7586 | 0.7862 | 0.8136 | 0.8408 | 0.8677 |
|               | 0.8945 | 0.9211 | 0.9461 | 0.9483 | 0.9238 |
|               | 0.7291 | 0.7686 | 0.8077 | 0.8467 | 0.8841 |
|               | 0.9183 | 0.9499 | 0.9613 | 0.8062 | 0.8385 |
|               | 0.8706 | 0.9033 | 0.9358 | 0.9680 | 1.0000 |
|               | 0.0462 | 0.0923 | 0.1208 | 0.1387 | 0.1567 |
|               | 0.1716 | 0.1826 | 0.1936 | 0.2047 | 0.2157 |
| Width:        | 0.2267 | 0.2378 | 0.2479 | 0.2581 | 0.2682 |
|               | 0.2784 | 0.2886 | 0.2987 | 0.3089 | 0.3165 |
|               | 0.3234 | 0.3316 | 0.3399 | 0.3481 | 0.3563 |
|               | 0.3646 | 0.3728 | 0.3810 | 0.3893 | 0.3975 |
|               | 0.4057 | 0.4140 | 0.4228 | 0.4703 | 0.5891 |
|               | 0.6494 | 0.6544 | 0.6593 | 0.6643 | 0.7003 |
|               | 0.7403 | 0.7830 | 0.8510 | 0.9167 | 0.9313 |
|               | 0.9459 | 0.9595 | 0.9730 | 0.9865 | 1.0000 |

Transect A103

Area:

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

Hrad:

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

Width:

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

Transect A109

Area:

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 0.0006 | 0.0025 | 0.0057 | 0.0102 | 0.0159 |
| 0.0225 | 0.0298 | 0.0377 | 0.0463 | 0.0555 |
| 0.0653 | 0.0757 | 0.0866 | 0.0982 | 0.1103 |
| 0.1231 | 0.1364 | 0.1504 | 0.1650 | 0.1804 |
| 0.1965 | 0.2133 | 0.2308 | 0.2490 | 0.2679 |
| 0.2876 | 0.3080 | 0.3292 | 0.3511 | 0.3738 |
| 0.3972 | 0.4215 | 0.4469 | 0.4735 | 0.5012 |
| 0.5299 | 0.5591 | 0.5887 | 0.6187 | 0.6494 |
| 0.6809 | 0.7133 | 0.7466 | 0.7806 | 0.8153 |
| 0.8508 | 0.8870 | 0.9239 | 0.9616 | 1.0000 |

Hrad:

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 0.0183 | 0.0367 | 0.0550 | 0.0733 | 0.0939 |
| 0.1190 | 0.1429 | 0.1666 | 0.1909 | 0.2144 |
| 0.2373 | 0.2597 | 0.2817 | 0.3032 | 0.3245 |
| 0.3455 | 0.3663 | 0.3857 | 0.4026 | 0.4196 |
| 0.4367 | 0.4546 | 0.4728 | 0.4909 | 0.5091 |
| 0.5256 | 0.5423 | 0.5591 | 0.5760 | 0.5930 |
| 0.6101 | 0.6220 | 0.6294 | 0.6378 | 0.6471 |
| 0.6700 | 0.6965 | 0.7229 | 0.7489 | 0.7743 |
| 0.7986 | 0.8173 | 0.8404 | 0.8643 | 0.8878 |
| 0.9109 | 0.9337 | 0.9561 | 0.9782 | 1.0000 |

Width:

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

Transect A113

Area:

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

Hrad:

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

Width:

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 0.0524 | 0.0777 | 0.0972 | 0.1167 | 0.1363 |
| 0.1553 | 0.1753 | 0.1962 | 0.2171 | 0.2380 |
| 0.2565 | 0.2708 | 0.2854 | 0.3001 | 0.3148 |
| 0.3295 | 0.3443 | 0.3594 | 0.3746 | 0.3897 |
| 0.4049 | 0.4256 | 0.5056 | 0.5599 | 0.5843 |
| 0.6073 | 0.6297 | 0.6521 | 0.6638 | 0.6693 |

|               |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|
|               | 0.6747 | 0.6882 | 0.7020 | 0.7158 | 0.7320 |
|               | 0.7575 | 0.8007 | 0.8395 | 0.8509 | 0.8623 |
|               | 0.8737 | 0.8862 | 0.9024 | 0.9186 | 0.9347 |
|               | 0.9491 | 0.9635 | 0.9779 | 0.9903 | 1.0000 |
| Transect A114 |        |        |        |        |        |
| Area:         | 0.0028 | 0.0095 | 0.0168 | 0.0246 | 0.0327 |
|               | 0.0413 | 0.0503 | 0.0598 | 0.0697 | 0.0800 |
|               | 0.0908 | 0.1020 | 0.1136 | 0.1257 | 0.1382 |
|               | 0.1515 | 0.1655 | 0.1802 | 0.1956 | 0.2117 |
|               | 0.2285 | 0.2465 | 0.2659 | 0.2864 | 0.3077 |
|               | 0.3295 | 0.3518 | 0.3747 | 0.3980 | 0.4219 |
|               | 0.4463 | 0.4712 | 0.4966 | 0.5224 | 0.5484 |
|               | 0.5748 | 0.6016 | 0.6288 | 0.6563 | 0.6842 |
|               | 0.7125 | 0.7411 | 0.7701 | 0.8000 | 0.8308 |
|               | 0.8627 | 0.8955 | 0.9293 | 0.9641 | 1.0000 |
| Hrad:         | 0.0187 | 0.0502 | 0.0835 | 0.1151 | 0.1454 |
|               | 0.1745 | 0.2025 | 0.2298 | 0.2562 | 0.2820 |
|               | 0.3073 | 0.3320 | 0.3562 | 0.3801 | 0.3973 |
|               | 0.4129 | 0.4288 | 0.4448 | 0.4610 | 0.4775 |
|               | 0.4892 | 0.4907 | 0.4944 | 0.5067 | 0.5310 |
|               | 0.5550 | 0.5788 | 0.6024 | 0.6257 | 0.6488 |
|               | 0.6718 | 0.6945 | 0.7209 | 0.7480 | 0.7734 |
|               | 0.7986 | 0.8235 | 0.8482 | 0.8727 | 0.8970 |
|               | 0.9211 | 0.9449 | 0.9631 | 0.9670 | 0.9718 |
|               | 0.9775 | 0.9847 | 0.9926 | 1.0010 | 1.0000 |
| Width:        | 0.1519 | 0.1934 | 0.2052 | 0.2171 | 0.2289 |
|               | 0.2407 | 0.2526 | 0.2644 | 0.2762 | 0.2881 |
|               | 0.2999 | 0.3118 | 0.3236 | 0.3354 | 0.3529 |
|               | 0.3722 | 0.3915 | 0.4109 | 0.4303 | 0.4497 |
|               | 0.4740 | 0.5099 | 0.5457 | 0.5738 | 0.5881 |
|               | 0.6024 | 0.6167 | 0.6310 | 0.6454 | 0.6597 |
|               | 0.6740 | 0.6883 | 0.6982 | 0.7068 | 0.7169 |
|               | 0.7269 | 0.7370 | 0.7470 | 0.7570 | 0.7671 |
|               | 0.7771 | 0.7872 | 0.8019 | 0.8293 | 0.8566 |
|               | 0.8838 | 0.9103 | 0.9368 | 0.9633 | 1.0000 |
| Transect A116 |        |        |        |        |        |
| Area:         | 0.0004 | 0.0017 | 0.0038 | 0.0068 | 0.0106 |
|               | 0.0149 | 0.0198 | 0.0254 | 0.0315 | 0.0382 |
|               | 0.0455 | 0.0532 | 0.0614 | 0.0698 | 0.0786 |
|               | 0.0876 | 0.0970 | 0.1066 | 0.1165 | 0.1267 |
|               | 0.1372 | 0.1480 | 0.1591 | 0.1705 | 0.1841 |
|               | 0.1992 | 0.2151 | 0.2317 | 0.2491 | 0.2673 |
|               | 0.2883 | 0.3124 | 0.3384 | 0.3665 | 0.3964 |
|               | 0.4283 | 0.4617 | 0.4958 | 0.5307 | 0.5663 |
|               | 0.6042 | 0.6444 | 0.6858 | 0.7279 | 0.7708 |
|               | 0.8146 | 0.8593 | 0.9048 | 0.9514 | 1.0000 |
| Hrad:         | 0.0248 | 0.0495 | 0.0743 | 0.0991 | 0.1297 |
|               | 0.1595 | 0.1881 | 0.2160 | 0.2433 | 0.2701 |
|               | 0.2966 | 0.3310 | 0.3650 | 0.4011 | 0.4365 |
|               | 0.4711 | 0.5052 | 0.5386 | 0.5715 | 0.6040 |
|               | 0.6360 | 0.6676 | 0.6988 | 0.7297 | 0.7500 |
|               | 0.7665 | 0.7840 | 0.8020 | 0.8149 | 0.8228 |
|               | 0.8252 | 0.8245 | 0.8203 | 0.8165 | 0.8151 |
|               | 0.8160 | 0.6861 | 0.7192 | 0.7519 | 0.7843 |
|               | 0.7543 | 0.7812 | 0.8100 | 0.8455 | 0.8790 |
|               | 0.9122 | 0.9452 | 0.9779 | 0.9917 | 1.0000 |
| Width:        | 0.0172 | 0.0345 | 0.0517 | 0.0690 | 0.0815 |
|               | 0.0935 | 0.1054 | 0.1173 | 0.1292 | 0.1412 |
|               | 0.1531 | 0.1606 | 0.1679 | 0.1738 | 0.1796 |
|               | 0.1855 | 0.1914 | 0.1973 | 0.2032 | 0.2091 |
|               | 0.2150 | 0.2209 | 0.2267 | 0.2326 | 0.2394 |
|               | 0.3137 | 0.3280 | 0.3423 | 0.3586 | 0.3769 |
|               | 0.4660 | 0.5055 | 0.5464 | 0.5853 | 0.6242 |
|               | 0.6631 | 0.6811 | 0.6963 | 0.7115 | 0.7267 |
|               | 0.8000 | 0.8228 | 0.8436 | 0.8582 | 0.8753 |
|               | 0.8925 | 0.9097 | 0.9268 | 0.9605 | 1.0000 |
| Transect A16  |        |        |        |        |        |
| Area:         | 0.0011 | 0.0048 | 0.0125 | 0.0220 | 0.0320 |
|               | 0.0425 | 0.0534 | 0.0649 | 0.0769 | 0.0894 |
|               | 0.1028 | 0.1169 | 0.1318 | 0.1475 | 0.1640 |
|               | 0.1815 | 0.2000 | 0.2192 | 0.2391 | 0.2596 |
|               | 0.2807 | 0.3024 | 0.3248 | 0.3477 | 0.3708 |
|               | 0.3941 | 0.4175 | 0.4412 | 0.4650 | 0.4890 |
|               | 0.5132 | 0.5375 | 0.5619 | 0.5865 | 0.6113 |
|               | 0.6362 | 0.6612 | 0.6864 | 0.7117 | 0.7372 |
|               | 0.7628 | 0.7885 | 0.8144 | 0.8405 | 0.8667 |
|               | 0.8930 | 0.9195 | 0.9461 | 0.9728 | 1.0000 |
| Hrad:         | 0.0139 | 0.0261 | 0.0378 | 0.0631 | 0.0872 |
|               | 0.1105 | 0.1329 | 0.1546 | 0.1757 | 0.1924 |
|               | 0.2086 | 0.2246 | 0.2404 | 0.2551 | 0.2682 |
|               | 0.2816 | 0.2950 | 0.3120 | 0.3301 | 0.3479 |
|               | 0.3654 | 0.3828 | 0.4000 | 0.4208 | 0.4450 |
|               | 0.4691 | 0.4930 | 0.5167 | 0.5403 | 0.5636 |
|               | 0.5874 | 0.6113 | 0.6350 | 0.6586 | 0.6821 |
|               | 0.7054 | 0.7286 | 0.7516 | 0.7746 | 0.7974 |
|               | 0.8201 | 0.8426 | 0.8651 | 0.8874 | 0.9096 |
|               | 0.9317 | 0.9537 | 0.9756 | 0.9973 | 1.0000 |
| Width:        | 0.0802 | 0.2058 | 0.3363 | 0.3541 | 0.3719 |
|               | 0.3898 | 0.4076 | 0.4254 | 0.4433 | 0.4711 |

|  |        |        |        |        |        |
|--|--------|--------|--------|--------|--------|
|  | 0.4992 | 0.5274 | 0.5555 | 0.5857 | 0.6198 |
|  | 0.6534 | 0.6868 | 0.7120 | 0.7342 | 0.7563 |
|  | 0.7785 | 0.8006 | 0.8228 | 0.8370 | 0.8435 |
|  | 0.8499 | 0.8564 | 0.8629 | 0.8694 | 0.8759 |
|  | 0.8815 | 0.8867 | 0.8919 | 0.8971 | 0.9024 |
|  | 0.9076 | 0.9128 | 0.9180 | 0.9233 | 0.9285 |
|  | 0.9337 | 0.9389 | 0.9442 | 0.9494 | 0.9546 |
|  | 0.9598 | 0.9651 | 0.9703 | 0.9756 | 1.0000 |

Transect A25

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0069 | 0.0156 | 0.0246 | 0.0340 | 0.0439 |
|       | 0.0541 | 0.0648 | 0.0759 | 0.0874 | 0.0993 |
|       | 0.1116 | 0.1243 | 0.1374 | 0.1510 | 0.1649 |
|       | 0.1793 | 0.1941 | 0.2093 | 0.2249 | 0.2409 |
|       | 0.2573 | 0.2742 | 0.2915 | 0.3093 | 0.3278 |
|       | 0.3468 | 0.3664 | 0.3866 | 0.4074 | 0.4288 |
|       | 0.4508 | 0.4733 | 0.4965 | 0.5203 | 0.5447 |
|       | 0.5698 | 0.5955 | 0.6220 | 0.6491 | 0.6770 |
|       | 0.7055 | 0.7347 | 0.7646 | 0.7952 | 0.8265 |
|       | 0.8584 | 0.8915 | 0.9261 | 0.9623 | 1.0000 |

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0316 | 0.0675 | 0.1019 | 0.1350 | 0.1670 |
|       | 0.1979 | 0.2280 | 0.2573 | 0.2858 | 0.3137 |
|       | 0.3410 | 0.3678 | 0.3942 | 0.4201 | 0.4456 |
|       | 0.4707 | 0.4955 | 0.5199 | 0.5438 | 0.5675 |
|       | 0.5910 | 0.6142 | 0.6359 | 0.6527 | 0.6696 |
|       | 0.6867 | 0.7039 | 0.7212 | 0.7386 | 0.7561 |
|       | 0.7737 | 0.7914 | 0.8091 | 0.8269 | 0.8422 |
|       | 0.8571 | 0.8723 | 0.8876 | 0.9032 | 0.9189 |
|       | 0.9348 | 0.9508 | 0.9670 | 0.9833 | 0.9997 |
|       | 1.0139 | 1.0082 | 1.0004 | 0.9949 | 1.0000 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.2198 | 0.2306 | 0.2413 | 0.2521 | 0.2628 |
|        | 0.2735 | 0.2843 | 0.2950 | 0.3057 | 0.3165 |
|        | 0.3272 | 0.3379 | 0.3487 | 0.3594 | 0.3702 |
|        | 0.3809 | 0.3916 | 0.4025 | 0.4135 | 0.4244 |
|        | 0.4354 | 0.4464 | 0.4583 | 0.4738 | 0.4893 |
|        | 0.5049 | 0.5204 | 0.5359 | 0.5514 | 0.5669 |
|        | 0.5825 | 0.5980 | 0.6135 | 0.6290 | 0.6466 |
|        | 0.6646 | 0.6826 | 0.7006 | 0.7186 | 0.7366 |
|        | 0.7546 | 0.7726 | 0.7906 | 0.8086 | 0.8266 |
|        | 0.8465 | 0.8842 | 0.9257 | 0.9672 | 1.0000 |

Transect A36

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0014 | 0.0049 | 0.0097 | 0.0158 | 0.0227 |
|       | 0.0302 | 0.0381 | 0.0468 | 0.0582 | 0.0717 |
|       | 0.0868 | 0.1026 | 0.1188 | 0.1354 | 0.1525 |
|       | 0.1701 | 0.1881 | 0.2066 | 0.2255 | 0.2449 |
|       | 0.2648 | 0.2851 | 0.3058 | 0.3269 | 0.3484 |
|       | 0.3704 | 0.3927 | 0.4155 | 0.4386 | 0.4621 |
|       | 0.4860 | 0.5102 | 0.5348 | 0.5598 | 0.5851 |
|       | 0.6108 | 0.6368 | 0.6631 | 0.6898 | 0.7167 |
|       | 0.7440 | 0.7716 | 0.7995 | 0.8277 | 0.8562 |
|       | 0.8848 | 0.9134 | 0.9422 | 0.9710 | 1.0000 |

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0147 | 0.0345 | 0.0517 | 0.0685 | 0.0918 |
|       | 0.1144 | 0.1360 | 0.1552 | 0.1673 | 0.1780 |
|       | 0.1624 | 0.1864 | 0.2100 | 0.2330 | 0.2554 |
|       | 0.2773 | 0.2989 | 0.3201 | 0.3410 | 0.3616 |
|       | 0.3827 | 0.4037 | 0.4244 | 0.4448 | 0.4650 |
|       | 0.4851 | 0.5049 | 0.5253 | 0.5458 | 0.5661 |
|       | 0.5863 | 0.6063 | 0.6261 | 0.6457 | 0.6653 |
|       | 0.6850 | 0.7056 | 0.7261 | 0.7464 | 0.7665 |
|       | 0.7866 | 0.8065 | 0.8263 | 0.8460 | 0.8710 |
|       | 0.8969 | 0.9228 | 0.9486 | 0.9744 | 1.0000 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.0973 | 0.1425 | 0.1877 | 0.2305 | 0.2479 |
|        | 0.2639 | 0.2799 | 0.3451 | 0.4309 | 0.4991 |
|        | 0.5350 | 0.5505 | 0.5659 | 0.5813 | 0.5973 |
|        | 0.6134 | 0.6294 | 0.6455 | 0.6615 | 0.6776 |
|        | 0.6921 | 0.7064 | 0.7208 | 0.7351 | 0.7494 |
|        | 0.7637 | 0.7780 | 0.7911 | 0.8038 | 0.8164 |
|        | 0.8290 | 0.8417 | 0.8543 | 0.8669 | 0.8796 |
|        | 0.8917 | 0.9026 | 0.9134 | 0.9243 | 0.9351 |
|        | 0.9460 | 0.9568 | 0.9677 | 0.9785 | 0.9831 |
|        | 0.9865 | 0.9898 | 0.9932 | 0.9966 | 1.0000 |

Transect A50

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0020 | 0.0078 | 0.0169 | 0.0267 | 0.0369 |
|       | 0.0476 | 0.0587 | 0.0703 | 0.0824 | 0.0950 |
|       | 0.1080 | 0.1215 | 0.1354 | 0.1498 | 0.1647 |
|       | 0.1800 | 0.1958 | 0.2120 | 0.2288 | 0.2460 |
|       | 0.2636 | 0.2818 | 0.3005 | 0.3196 | 0.3393 |
|       | 0.3595 | 0.3802 | 0.4013 | 0.4230 | 0.4452 |
|       | 0.4678 | 0.4910 | 0.5147 | 0.5388 | 0.5635 |
|       | 0.5887 | 0.6144 | 0.6408 | 0.6678 | 0.6952 |
|       | 0.7230 | 0.7513 | 0.7799 | 0.8090 | 0.8385 |
|       | 0.8684 | 0.8988 | 0.9308 | 0.9647 | 1.0000 |

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0181 | 0.0362 | 0.0642 | 0.0966 | 0.1277 |
|       | 0.1576 | 0.1866 | 0.2147 | 0.2420 | 0.2687 |
|       | 0.2947 | 0.3202 | 0.3452 | 0.3698 | 0.3940 |
|       | 0.4177 | 0.4412 | 0.4643 | 0.4870 | 0.5092 |
|       | 0.5311 | 0.5523 | 0.5733 | 0.5941 | 0.6148 |
|       | 0.6354 | 0.6558 | 0.6762 | 0.6964 | 0.7165 |
|       | 0.7365 | 0.7565 | 0.7764 | 0.7961 | 0.8159 |
|       | 0.8355 | 0.8507 | 0.8652 | 0.8845 | 0.9062 |
|       | 0.9278 | 0.9492 | 0.9705 | 0.9917 | 1.0127 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 1.0336 | 1.0387 | 1.0111 | 0.9916 | 1.0000 |
|        | 0.1094 | 0.2187 | 0.2663 | 0.2792 | 0.2922 |
|        | 0.3052 | 0.3181 | 0.3311 | 0.3441 | 0.3571 |
|        | 0.3700 | 0.3830 | 0.3960 | 0.4089 | 0.4219 |
|        | 0.4349 | 0.4478 | 0.4608 | 0.4739 | 0.4873 |
|        | 0.5008 | 0.5147 | 0.5287 | 0.5426 | 0.5566 |
|        | 0.5706 | 0.5846 | 0.5985 | 0.6125 | 0.6265 |
|        | 0.6404 | 0.6544 | 0.6684 | 0.6823 | 0.6963 |
|        | 0.7103 | 0.7280 | 0.7466 | 0.7606 | 0.7722 |
|        | 0.7837 | 0.7952 | 0.8067 | 0.8182 | 0.8298 |
|        | 0.8413 | 0.8659 | 0.9211 | 0.9733 | 1.0000 |

Transect A57

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

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

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

Transect A70

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

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

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

Transect A72

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

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0170 | 0.0340 | 0.0510 | 0.0680 | 0.0850 |
|       | 0.1020 | 0.1190 | 0.1122 | 0.1207 | 0.1384 |
|       | 0.1560 | 0.1739 | 0.1934 | 0.2129 | 0.2390 |
|       | 0.2646 | 0.2896 | 0.3141 | 0.3381 | 0.3617 |
|       | 0.3871 | 0.4128 | 0.4382 | 0.4632 | 0.4879 |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
| Width:       | 0.5124 | 0.5365 | 0.5604 | 0.5797 | 0.5871 |
|              | 0.5881 | 0.5892 | 0.5949 | 0.6017 | 0.6215 |
|              | 0.6428 | 0.6706 | 0.6983 | 0.7257 | 0.7530 |
|              | 0.7800 | 0.8069 | 0.8335 | 0.8600 | 0.8863 |
|              | 0.9103 | 0.9329 | 0.9554 | 0.9778 | 1.0000 |
|              | 0.0223 | 0.0446 | 0.0669 | 0.0892 | 0.1115 |
|              | 0.1338 | 0.1560 | 0.2193 | 0.2756 | 0.3125 |
|              | 0.3494 | 0.3854 | 0.4171 | 0.4481 | 0.4639 |
|              | 0.4797 | 0.4955 | 0.5113 | 0.5271 | 0.5429 |
|              | 0.5556 | 0.5672 | 0.5788 | 0.5903 | 0.6019 |
| Hrad:        | 0.6135 | 0.6251 | 0.6366 | 0.6532 | 0.6836 |
|              | 0.7230 | 0.7647 | 0.8021 | 0.8394 | 0.8587 |
|              | 0.8757 | 0.8834 | 0.8911 | 0.8988 | 0.9065 |
|              | 0.9142 | 0.9219 | 0.9296 | 0.9373 | 0.9450 |
|              | 0.9550 | 0.9663 | 0.9775 | 0.9888 | 1.0000 |
| Transect A80 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
| Hrad:        | 0.0012 | 0.0046 | 0.0105 | 0.0182 | 0.0264 |
|              | 0.0351 | 0.0441 | 0.0536 | 0.0635 | 0.0739 |
|              | 0.0846 | 0.0958 | 0.1074 | 0.1193 | 0.1318 |
|              | 0.1446 | 0.1578 | 0.1713 | 0.1853 | 0.1997 |
|              | 0.2144 | 0.2296 | 0.2451 | 0.2610 | 0.2774 |
|              | 0.2943 | 0.3115 | 0.3293 | 0.3474 | 0.3660 |
|              | 0.3851 | 0.4045 | 0.4246 | 0.4452 | 0.4663 |
|              | 0.4881 | 0.5103 | 0.5333 | 0.5573 | 0.5824 |
|              | 0.6085 | 0.6378 | 0.6779 | 0.7213 | 0.7656 |
|              | 0.8106 | 0.8565 | 0.9033 | 0.9512 | 1.0000 |
| Width:       | 0.0248 | 0.0497 | 0.0745 | 0.1123 | 0.1550 |
|              | 0.1959 | 0.2352 | 0.2732 | 0.3100 | 0.3459 |
|              | 0.3808 | 0.4149 | 0.4483 | 0.4810 | 0.5134 |
|              | 0.5462 | 0.5785 | 0.6103 | 0.6416 | 0.6726 |
|              | 0.7032 | 0.7334 | 0.7623 | 0.7897 | 0.8168 |
|              | 0.8438 | 0.8707 | 0.8974 | 0.9241 | 0.9506 |
|              | 0.9770 | 1.0011 | 1.0214 | 1.0420 | 1.0628 |
|              | 1.0837 | 1.1049 | 1.1126 | 1.1112 | 1.1120 |
|              | 1.1148 | 0.8397 | 0.7821 | 0.8106 | 0.8453 |
|              | 0.8796 | 0.9116 | 0.9413 | 0.9707 | 1.0000 |
| Hrad:        | 0.0471 | 0.0942 | 0.1413 | 0.1628 | 0.1712 |
|              | 0.1797 | 0.1881 | 0.1966 | 0.2050 | 0.2135 |
|              | 0.2220 | 0.2304 | 0.2389 | 0.2473 | 0.2556 |
|              | 0.2635 | 0.2713 | 0.2792 | 0.2870 | 0.2949 |
|              | 0.3027 | 0.3106 | 0.3189 | 0.3278 | 0.3367 |
|              | 0.3457 | 0.3546 | 0.3635 | 0.3724 | 0.3814 |
|              | 0.3903 | 0.4001 | 0.4116 | 0.4231 | 0.4345 |
|              | 0.4460 | 0.4575 | 0.4749 | 0.4972 | 0.5195 |
|              | 0.5418 | 0.7575 | 0.8656 | 0.8889 | 0.9049 |
|              | 0.9209 | 0.9390 | 0.9593 | 0.9797 | 1.0000 |
| Transect A81 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
| Hrad:        | 0.0005 | 0.0021 | 0.0047 | 0.0084 | 0.0132 |
|              | 0.0190 | 0.0258 | 0.0337 | 0.0427 | 0.0527 |
|              | 0.0637 | 0.0759 | 0.0890 | 0.1031 | 0.1180 |
|              | 0.1336 | 0.1499 | 0.1671 | 0.1851 | 0.2038 |
|              | 0.2233 | 0.2435 | 0.2646 | 0.2864 | 0.3090 |
|              | 0.3323 | 0.3561 | 0.3801 | 0.4044 | 0.4290 |
|              | 0.4538 | 0.4789 | 0.5043 | 0.5300 | 0.5560 |
|              | 0.5822 | 0.6087 | 0.6354 | 0.6625 | 0.6898 |
|              | 0.7174 | 0.7453 | 0.7735 | 0.8022 | 0.8316 |
|              | 0.8621 | 0.8942 | 0.9278 | 0.9631 | 1.0000 |
| Width:       | 0.0190 | 0.0380 | 0.0570 | 0.0760 | 0.0950 |
|              | 0.1139 | 0.1329 | 0.1519 | 0.1709 | 0.1899 |
|              | 0.2089 | 0.2279 | 0.2469 | 0.2711 | 0.2943 |
|              | 0.3171 | 0.3395 | 0.3616 | 0.3835 | 0.4051 |
|              | 0.4265 | 0.4477 | 0.4688 | 0.4897 | 0.5105 |
|              | 0.5346 | 0.5659 | 0.5969 | 0.6276 | 0.6580 |
|              | 0.6882 | 0.7181 | 0.7477 | 0.7770 | 0.8061 |
|              | 0.8350 | 0.8637 | 0.8921 | 0.9203 | 0.9483 |
|              | 0.9761 | 1.0037 | 1.0245 | 1.0396 | 1.0549 |
|              | 1.0696 | 1.0829 | 1.0950 | 1.1063 | 1.0000 |
| Hrad:        | 0.0280 | 0.0559 | 0.0839 | 0.1118 | 0.1398 |
|              | 0.1677 | 0.1957 | 0.2236 | 0.2516 | 0.2795 |
|              | 0.3075 | 0.3355 | 0.3634 | 0.3832 | 0.4039 |
|              | 0.4245 | 0.4451 | 0.4657 | 0.4863 | 0.5069 |
|              | 0.5275 | 0.5481 | 0.5687 | 0.5893 | 0.6099 |
|              | 0.6264 | 0.6337 | 0.6409 | 0.6482 | 0.6555 |
|              | 0.6628 | 0.6701 | 0.6774 | 0.6847 | 0.6920 |
|              | 0.6993 | 0.7066 | 0.7138 | 0.7211 | 0.7284 |
|              | 0.7357 | 0.7430 | 0.7553 | 0.7718 | 0.7883 |
|              | 0.8295 | 0.8721 | 0.9148 | 0.9574 | 1.0000 |
| Transect A85 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
| Hrad:        | 0.0026 | 0.0095 | 0.0171 | 0.0249 | 0.0332 |
|              | 0.0417 | 0.0505 | 0.0597 | 0.0692 | 0.0790 |
|              | 0.0892 | 0.0996 | 0.1104 | 0.1215 | 0.1329 |
|              | 0.1447 | 0.1568 | 0.1692 | 0.1819 | 0.1949 |
|              | 0.2083 | 0.2221 | 0.2362 | 0.2507 | 0.2655 |
|              | 0.2807 | 0.2962 | 0.3122 | 0.3287 | 0.3457 |
|              | 0.3631 | 0.3809 | 0.3993 | 0.4181 | 0.4374 |
|              | 0.4574 | 0.4784 | 0.5006 | 0.5237 | 0.5484 |
|              | 0.5764 | 0.6084 | 0.6480 | 0.6914 | 0.7376 |
|              | 0.7866 | 0.8375 | 0.8904 | 0.9448 | 1.0000 |
| Width:       | 0.0280 | 0.0717 | 0.1233 | 0.1728 | 0.2206 |

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

Width:

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

Transect A87

Area:

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

Hrad:

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

Width:

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

Transect A89

Area:

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 0.0005 | 0.0018 | 0.0041 | 0.0073 | 0.0114 |
| 0.0171 | 0.0254 | 0.0350 | 0.0458 | 0.0576 |
| 0.0703 | 0.0839 | 0.0984 | 0.1138 | 0.1303 |
| 0.1477 | 0.1657 | 0.1841 | 0.2031 | 0.2225 |
| 0.2422 | 0.2623 | 0.2828 | 0.3037 | 0.3249 |
| 0.3465 | 0.3685 | 0.3909 | 0.4136 | 0.4368 |
| 0.4603 | 0.4842 | 0.5086 | 0.5335 | 0.5588 |
| 0.5846 | 0.6108 | 0.6375 | 0.6646 | 0.6922 |
| 0.7202 | 0.7487 | 0.7777 | 0.8074 | 0.8376 |
| 0.8685 | 0.9001 | 0.9324 | 0.9655 | 1.0000 |

Hrad:

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 0.0176 | 0.0352 | 0.0528 | 0.0703 | 0.0882 |
| 0.0784 | 0.1002 | 0.1209 | 0.1424 | 0.1656 |
| 0.1881 | 0.2099 | 0.2312 | 0.2515 | 0.2703 |
| 0.2933 | 0.3201 | 0.3464 | 0.3723 | 0.3999 |
| 0.4274 | 0.4545 | 0.4813 | 0.5077 | 0.5339 |
| 0.5594 | 0.5845 | 0.6094 | 0.6340 | 0.6584 |
| 0.6826 | 0.7048 | 0.7265 | 0.7480 | 0.7693 |
| 0.7906 | 0.8122 | 0.8337 | 0.8552 | 0.8765 |
| 0.8977 | 0.9154 | 0.9317 | 0.9481 | 0.9645 |
| 0.9781 | 0.9914 | 1.0049 | 1.0056 | 1.0000 |

Width:

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 0.0259 | 0.0517 | 0.0776 | 0.1034 | 0.1288 |
| 0.2185 | 0.2541 | 0.2897 | 0.3217 | 0.3477 |
| 0.3737 | 0.3997 | 0.4257 | 0.4528 | 0.4821 |
| 0.5037 | 0.5176 | 0.5316 | 0.5455 | 0.5563 |
| 0.5667 | 0.5772 | 0.5876 | 0.5981 | 0.6085 |
| 0.6194 | 0.6303 | 0.6413 | 0.6523 | 0.6632 |
| 0.6742 | 0.6869 | 0.7000 | 0.7131 | 0.7262 |
| 0.7393 | 0.7519 | 0.7645 | 0.7770 | 0.7895 |
| 0.8021 | 0.8177 | 0.8345 | 0.8514 | 0.8683 |
| 0.8878 | 0.9078 | 0.9277 | 0.9601 | 1.0000 |

Transect A91

Area:

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 0.0066 | 0.0151 | 0.0241 | 0.0337 | 0.0438 |
| 0.0545 | 0.0658 | 0.0776 | 0.0899 | 0.1028 |
| 0.1163 | 0.1303 | 0.1448 | 0.1599 | 0.1756 |
| 0.1918 | 0.2084 | 0.2254 | 0.2426 | 0.2603 |
| 0.2782 | 0.2965 | 0.3151 | 0.3340 | 0.3532 |
| 0.3729 | 0.3930 | 0.4135 | 0.4345 | 0.4559 |
| 0.4778 | 0.5001 | 0.5229 | 0.5461 | 0.5699 |
| 0.5942 | 0.6190 | 0.6443 | 0.6702 | 0.6967 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Hrad:  | 0.7237 | 0.7513 | 0.7795 | 0.8084 | 0.8380 |
|        | 0.8682 | 0.8990 | 0.9311 | 0.9647 | 1.0000 |
|        | 0.0311 | 0.0668 | 0.1004 | 0.1324 | 0.1629 |
|        | 0.1923 | 0.2207 | 0.2482 | 0.2750 | 0.3010 |
|        | 0.3266 | 0.3516 | 0.3761 | 0.3997 | 0.4228 |
|        | 0.4476 | 0.4750 | 0.5018 | 0.5281 | 0.5540 |
|        | 0.5795 | 0.6046 | 0.6293 | 0.6536 | 0.6776 |
|        | 0.6978 | 0.7176 | 0.7372 | 0.7568 | 0.7762 |
|        | 0.7955 | 0.8147 | 0.8338 | 0.8520 | 0.8679 |
|        | 0.8838 | 0.8998 | 0.9159 | 0.9320 | 0.9482 |
|        | 0.9642 | 0.9768 | 0.9896 | 1.0027 | 1.0160 |
|        | 1.0295 | 1.0399 | 1.0279 | 1.0185 | 1.0000 |
| Width: | 0.2260 | 0.2411 | 0.2562 | 0.2713 | 0.2864 |
|        | 0.3015 | 0.3166 | 0.3318 | 0.3469 | 0.3620 |
|        | 0.3771 | 0.3922 | 0.4073 | 0.4230 | 0.4390 |
|        | 0.4521 | 0.4612 | 0.4703 | 0.4794 | 0.4885 |
|        | 0.4976 | 0.5067 | 0.5158 | 0.5249 | 0.5340 |
|        | 0.5461 | 0.5584 | 0.5707 | 0.5830 | 0.5953 |
|        | 0.6076 | 0.6199 | 0.6322 | 0.6451 | 0.6600 |
|        | 0.6748 | 0.6897 | 0.7045 | 0.7194 | 0.7343 |
|        | 0.7493 | 0.7673 | 0.7853 | 0.8033 | 0.8213 |
|        | 0.8394 | 0.8602 | 0.9027 | 0.9452 | 1.0000 |

Transect A93

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  | 0.0014 | 0.0055 | 0.0109 | 0.0174 | 0.0246 |
|        | 0.0322 | 0.0402 | 0.0486 | 0.0574 | 0.0666 |
|        | 0.0763 | 0.0863 | 0.0968 | 0.1076 | 0.1189 |
|        | 0.1306 | 0.1427 | 0.1552 | 0.1682 | 0.1816 |
|        | 0.1955 | 0.2098 | 0.2245 | 0.2397 | 0.2555 |
|        | 0.2717 | 0.2883 | 0.3055 | 0.3234 | 0.3422 |
|        | 0.3619 | 0.3826 | 0.4043 | 0.4283 | 0.4544 |
|        | 0.4819 | 0.5110 | 0.5424 | 0.5766 | 0.6116 |
|        | 0.6471 | 0.6830 | 0.7195 | 0.7565 | 0.7941 |
|        | 0.8321 | 0.8708 | 0.9107 | 0.9519 | 1.0000 |
| Hrad:  | 0.0261 | 0.0570 | 0.0955 | 0.1305 | 0.1729 |
|        | 0.2141 | 0.2537 | 0.2919 | 0.3289 | 0.3648 |
|        | 0.3999 | 0.4342 | 0.4678 | 0.5007 | 0.5331 |
|        | 0.5651 | 0.5965 | 0.6258 | 0.6549 | 0.6838 |
|        | 0.7124 | 0.7409 | 0.7691 | 0.7961 | 0.8217 |
|        | 0.8473 | 0.8729 | 0.8985 | 0.9069 | 0.9123 |
|        | 0.9196 | 0.9286 | 0.9157 | 0.8737 | 0.8736 |
|        | 0.8781 | 0.8738 | 0.8563 | 0.8515 | 0.8971 |
|        | 0.9355 | 0.9736 | 1.0113 | 1.0487 | 1.0857 |
|        | 1.1225 | 1.1449 | 1.1607 | 1.1658 | 1.0000 |
| Width: | 0.0504 | 0.0908 | 0.1084 | 0.1259 | 0.1341 |
|        | 0.1415 | 0.1490 | 0.1564 | 0.1638 | 0.1713 |
|        | 0.1787 | 0.1862 | 0.1936 | 0.2010 | 0.2085 |
|        | 0.2159 | 0.2234 | 0.2315 | 0.2396 | 0.2477 |
|        | 0.2558 | 0.2640 | 0.2721 | 0.2806 | 0.2897 |
|        | 0.2987 | 0.3077 | 0.3168 | 0.3323 | 0.3497 |
|        | 0.3670 | 0.3844 | 0.4123 | 0.4583 | 0.4865 |
|        | 0.5136 | 0.5476 | 0.5936 | 0.6349 | 0.6392 |
|        | 0.6485 | 0.6579 | 0.6672 | 0.6766 | 0.6860 |
|        | 0.6953 | 0.7136 | 0.7364 | 0.7666 | 1.0000 |

Transect A95

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  | 0.0009 | 0.0035 | 0.0080 | 0.0142 | 0.0222 |
|        | 0.0317 | 0.0418 | 0.0525 | 0.0636 | 0.0752 |
|        | 0.0873 | 0.0999 | 0.1128 | 0.1260 | 0.1396 |
|        | 0.1535 | 0.1677 | 0.1823 | 0.1971 | 0.2123 |
|        | 0.2279 | 0.2438 | 0.2600 | 0.2765 | 0.2934 |
|        | 0.3106 | 0.3281 | 0.3459 | 0.3641 | 0.3826 |
|        | 0.4015 | 0.4209 | 0.4409 | 0.4616 | 0.4830 |
|        | 0.5052 | 0.5282 | 0.5519 | 0.5764 | 0.6017 |
|        | 0.6294 | 0.6601 | 0.6934 | 0.7290 | 0.7667 |
|        | 0.8074 | 0.8517 | 0.8992 | 0.9488 | 1.0000 |
| Hrad:  | 0.0262 | 0.0524 | 0.0785 | 0.1047 | 0.1309 |
|        | 0.1680 | 0.2109 | 0.2522 | 0.2921 | 0.3308 |
|        | 0.3684 | 0.4086 | 0.4494 | 0.4893 | 0.5286 |
|        | 0.5672 | 0.6051 | 0.6425 | 0.6793 | 0.7156 |
|        | 0.7515 | 0.7868 | 0.8218 | 0.8564 | 0.8906 |
|        | 0.9244 | 0.9580 | 0.9912 | 1.0241 | 1.0568 |
|        | 1.0828 | 1.1010 | 1.1197 | 1.1319 | 1.1431 |
|        | 1.1554 | 1.1686 | 1.1826 | 1.1973 | 1.1899 |
|        | 1.1149 | 1.0695 | 1.0405 | 1.0343 | 1.0216 |
|        | 0.9852 | 0.9639 | 0.9601 | 0.9798 | 1.0000 |
| Width: | 0.0341 | 0.0682 | 0.1023 | 0.1364 | 0.1704 |
|        | 0.1898 | 0.1993 | 0.2088 | 0.2183 | 0.2279 |
|        | 0.2374 | 0.2447 | 0.2510 | 0.2573 | 0.2637 |
|        | 0.2700 | 0.2764 | 0.2827 | 0.2890 | 0.2954 |
|        | 0.3017 | 0.3080 | 0.3144 | 0.3207 | 0.3271 |
|        | 0.3334 | 0.3397 | 0.3461 | 0.3524 | 0.3588 |
|        | 0.3673 | 0.3788 | 0.3902 | 0.4042 | 0.4189 |
|        | 0.4337 | 0.4484 | 0.4631 | 0.4778 | 0.5022 |
|        | 0.5615 | 0.6144 | 0.6639 | 0.7025 | 0.7485 |
|        | 0.8181 | 0.8827 | 0.9361 | 0.9681 | 1.0000 |

Transect A96

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0005 | 0.0020 | 0.0045 | 0.0080 | 0.0126 |
|       | 0.0179 | 0.0236 | 0.0296 | 0.0360 | 0.0426 |
|       | 0.0496 | 0.0569 | 0.0645 | 0.0724 | 0.0807 |
|       | 0.0940 | 0.1107 | 0.1319 | 0.1535 | 0.1755 |

|                          |        |        |        |        |        |
|--------------------------|--------|--------|--------|--------|--------|
| Hrad:                    | 0.1979 | 0.2206 | 0.2438 | 0.2673 | 0.2914 |
|                          | 0.3159 | 0.3408 | 0.3661 | 0.3916 | 0.4175 |
|                          | 0.4438 | 0.4703 | 0.4972 | 0.5244 | 0.5519 |
|                          | 0.5798 | 0.6080 | 0.6365 | 0.6652 | 0.6943 |
|                          | 0.7237 | 0.7533 | 0.7832 | 0.8134 | 0.8439 |
|                          | 0.8746 | 0.9056 | 0.9368 | 0.9683 | 1.0000 |
|                          | 0.0160 | 0.0319 | 0.0479 | 0.0639 | 0.0798 |
|                          | 0.1030 | 0.1284 | 0.1527 | 0.1762 | 0.1989 |
|                          | 0.2210 | 0.2425 | 0.2636 | 0.2842 | 0.3038 |
|                          | 0.3043 | 0.2334 | 0.1960 | 0.2243 | 0.2522 |
| Width:                   | 0.2798 | 0.3069 | 0.3325 | 0.3576 | 0.3824 |
|                          | 0.4069 | 0.4332 | 0.4592 | 0.4850 | 0.5105 |
|                          | 0.5357 | 0.5609 | 0.5858 | 0.6105 | 0.6350 |
|                          | 0.6594 | 0.6836 | 0.7084 | 0.7330 | 0.7574 |
|                          | 0.7816 | 0.8057 | 0.8296 | 0.8544 | 0.8790 |
|                          | 0.9035 | 0.9278 | 0.9520 | 0.9761 | 1.0000 |
|                          | 0.0315 | 0.0631 | 0.0946 | 0.1262 | 0.1577 |
|                          | 0.1742 | 0.1841 | 0.1940 | 0.2039 | 0.2138 |
|                          | 0.2237 | 0.2336 | 0.2435 | 0.2534 | 0.3065 |
|                          | 0.4567 | 0.6405 | 0.6734 | 0.6848 | 0.6962 |
| Transect A99<br>Area:    | 0.7077 | 0.7191 | 0.7333 | 0.7479 | 0.7625 |
|                          | 0.7768 | 0.7872 | 0.7976 | 0.8079 | 0.8183 |
|                          | 0.8287 | 0.8389 | 0.8491 | 0.8593 | 0.8695 |
|                          | 0.8797 | 0.8897 | 0.8988 | 0.9079 | 0.9171 |
|                          | 0.9262 | 0.9353 | 0.9444 | 0.9523 | 0.9603 |
|                          | 0.9682 | 0.9762 | 0.9841 | 0.9921 | 1.0000 |
|                          | 0.0003 | 0.0013 | 0.0030 | 0.0053 | 0.0082 |
|                          | 0.0117 | 0.0157 | 0.0202 | 0.0253 | 0.0308 |
|                          | 0.0370 | 0.0439 | 0.0516 | 0.0601 | 0.0690 |
|                          | 0.0783 | 0.0881 | 0.0983 | 0.1089 | 0.1199 |
| Hrad:                    | 0.1360 | 0.1539 | 0.1732 | 0.1942 | 0.2187 |
|                          | 0.2444 | 0.2705 | 0.2970 | 0.3239 | 0.3512 |
|                          | 0.3790 | 0.4073 | 0.4361 | 0.4655 | 0.4955 |
|                          | 0.5262 | 0.5576 | 0.5897 | 0.6221 | 0.6549 |
|                          | 0.6880 | 0.7214 | 0.7551 | 0.7891 | 0.8235 |
|                          | 0.8581 | 0.8931 | 0.9284 | 0.9641 | 1.0000 |
|                          | 0.0180 | 0.0360 | 0.0540 | 0.0720 | 0.0922 |
|                          | 0.1126 | 0.1324 | 0.1518 | 0.1709 | 0.1902 |
|                          | 0.2042 | 0.2156 | 0.2284 | 0.2485 | 0.2719 |
|                          | 0.2948 | 0.3173 | 0.3394 | 0.3611 | 0.3825 |
| Width:                   | 0.3866 | 0.3920 | 0.3998 | 0.3804 | 0.3081 |
|                          | 0.3404 | 0.3723 | 0.4019 | 0.4309 | 0.4597 |
|                          | 0.4881 | 0.5148 | 0.5404 | 0.5657 | 0.5903 |
|                          | 0.6123 | 0.6342 | 0.6594 | 0.6890 | 0.7183 |
|                          | 0.7474 | 0.7763 | 0.8050 | 0.8335 | 0.8617 |
|                          | 0.8897 | 0.9176 | 0.9452 | 0.9727 | 1.0000 |
|                          | 0.0183 | 0.0366 | 0.0548 | 0.0731 | 0.0889 |
|                          | 0.1035 | 0.1181 | 0.1327 | 0.1473 | 0.1615 |
|                          | 0.1804 | 0.2028 | 0.2252 | 0.2409 | 0.2526 |
|                          | 0.2644 | 0.2762 | 0.2880 | 0.2998 | 0.3325 |
| Transect T-C1<br>Area:   | 0.4767 | 0.5157 | 0.5519 | 0.6187 | 0.7095 |
|                          | 0.7178 | 0.7262 | 0.7386 | 0.7511 | 0.7637 |
|                          | 0.7762 | 0.7909 | 0.8068 | 0.8228 | 0.8395 |
|                          | 0.8594 | 0.8794 | 0.8944 | 0.9031 | 0.9119 |
|                          | 0.9206 | 0.9293 | 0.9380 | 0.9468 | 0.9557 |
|                          | 0.9645 | 0.9734 | 0.9823 | 0.9911 | 1.0000 |
|                          | 0.0033 | 0.0077 | 0.0127 | 0.0185 | 0.0259 |
|                          | 0.0358 | 0.0465 | 0.0582 | 0.0711 | 0.0868 |
|                          | 0.1055 | 0.1252 | 0.1454 | 0.1660 | 0.1870 |
|                          | 0.2083 | 0.2300 | 0.2519 | 0.2739 | 0.2961 |
| Hrad:                    | 0.3183 | 0.3407 | 0.3633 | 0.3859 | 0.4087 |
|                          | 0.4316 | 0.4546 | 0.4777 | 0.5010 | 0.5243 |
|                          | 0.5478 | 0.5713 | 0.5948 | 0.6183 | 0.6419 |
|                          | 0.6655 | 0.6892 | 0.7129 | 0.7366 | 0.7604 |
|                          | 0.7842 | 0.8080 | 0.8319 | 0.8558 | 0.8797 |
|                          | 0.9037 | 0.9277 | 0.9518 | 0.9759 | 1.0000 |
|                          | 0.0196 | 0.0400 | 0.0586 | 0.0718 | 0.0671 |
|                          | 0.0848 | 0.1011 | 0.1159 | 0.1250 | 0.1171 |
|                          | 0.1337 | 0.1523 | 0.1737 | 0.1948 | 0.2156 |
|                          | 0.2360 | 0.2563 | 0.2790 | 0.3017 | 0.3242 |
| Width:                   | 0.3465 | 0.3688 | 0.3909 | 0.4129 | 0.4348 |
|                          | 0.4566 | 0.4782 | 0.4997 | 0.5212 | 0.5427 |
|                          | 0.5660 | 0.5892 | 0.6124 | 0.6355 | 0.6586 |
|                          | 0.6817 | 0.7047 | 0.7277 | 0.7506 | 0.7735 |
|                          | 0.7963 | 0.8191 | 0.8419 | 0.8646 | 0.8873 |
|                          | 0.9099 | 0.9325 | 0.9550 | 0.9775 | 1.0000 |
|                          | 0.1708 | 0.1953 | 0.2198 | 0.2604 | 0.3900 |
|                          | 0.4258 | 0.4641 | 0.5073 | 0.5744 | 0.7492 |
|                          | 0.7967 | 0.8302 | 0.8452 | 0.8603 | 0.8753 |
|                          | 0.8904 | 0.9052 | 0.9102 | 0.9153 | 0.9203 |
| Transect T-C108<br>Area: | 0.9254 | 0.9304 | 0.9355 | 0.9406 | 0.9456 |
|                          | 0.9507 | 0.9557 | 0.9608 | 0.9658 | 0.9705 |
|                          | 0.9720 | 0.9734 | 0.9749 | 0.9764 | 0.9779 |
|                          | 0.9793 | 0.9808 | 0.9823 | 0.9838 | 0.9852 |
|                          | 0.9867 | 0.9882 | 0.9897 | 0.9911 | 0.9926 |
|                          | 0.9941 | 0.9956 | 0.9970 | 0.9985 | 1.0000 |
|                          | 0.1708 | 0.1953 | 0.2198 | 0.2604 | 0.3900 |
|                          | 0.4258 | 0.4641 | 0.5073 | 0.5744 | 0.7492 |
|                          | 0.7967 | 0.8302 | 0.8452 | 0.8603 | 0.8753 |
|                          | 0.8904 | 0.9052 | 0.9102 | 0.9153 | 0.9203 |

|                 |        |        |        |        |        |
|-----------------|--------|--------|--------|--------|--------|
| Hrad:           | 0.0010 | 0.0027 | 0.0051 | 0.0084 | 0.0128 |
|                 | 0.0180 | 0.0241 | 0.0310 | 0.0392 | 0.0486 |
|                 | 0.0585 | 0.0694 | 0.0815 | 0.0943 | 0.1079 |
|                 | 0.1237 | 0.1416 | 0.1608 | 0.1806 | 0.2009 |
|                 | 0.2218 | 0.2440 | 0.2673 | 0.2915 | 0.3169 |
|                 | 0.3430 | 0.3693 | 0.3956 | 0.4221 | 0.4486 |
|                 | 0.4752 | 0.5018 | 0.5286 | 0.5554 | 0.5823 |
|                 | 0.6093 | 0.6364 | 0.6636 | 0.6908 | 0.7182 |
|                 | 0.7456 | 0.7731 | 0.8007 | 0.8285 | 0.8566 |
|                 | 0.8849 | 0.9134 | 0.9422 | 0.9711 | 1.0000 |
| Width:          | 0.0195 | 0.0388 | 0.0546 | 0.0662 | 0.0832 |
|                 | 0.1003 | 0.1164 | 0.1320 | 0.1252 | 0.1464 |
|                 | 0.1669 | 0.1727 | 0.1940 | 0.2130 | 0.2255 |
|                 | 0.2200 | 0.2257 | 0.2462 | 0.2684 | 0.2905 |
|                 | 0.3123 | 0.3157 | 0.3323 | 0.3495 | 0.3520 |
|                 | 0.3798 | 0.4075 | 0.4352 | 0.4627 | 0.4902 |
|                 | 0.5176 | 0.5449 | 0.5721 | 0.5992 | 0.6262 |
|                 | 0.6532 | 0.6801 | 0.7069 | 0.7336 | 0.7602 |
|                 | 0.7868 | 0.8133 | 0.8374 | 0.8589 | 0.8803 |
|                 | 0.9016 | 0.9227 | 0.9455 | 0.9728 | 1.0000 |
| Transect T-C111 |        |        |        |        |        |
| Area:           | 0.0507 | 0.0711 | 0.0940 | 0.1343 | 0.1669 |
|                 | 0.1959 | 0.2250 | 0.2535 | 0.3146 | 0.3333 |
|                 | 0.3520 | 0.4050 | 0.4294 | 0.4566 | 0.4958 |
|                 | 0.5806 | 0.6468 | 0.6741 | 0.6953 | 0.7129 |
|                 | 0.7305 | 0.7907 | 0.8214 | 0.8502 | 0.9031 |
|                 | 0.9060 | 0.9088 | 0.9117 | 0.9146 | 0.9174 |
|                 | 0.9203 | 0.9231 | 0.9260 | 0.9289 | 0.9317 |
|                 | 0.9346 | 0.9375 | 0.9403 | 0.9432 | 0.9461 |
|                 | 0.9489 | 0.9518 | 0.9573 | 0.9657 | 0.9741 |
|                 | 0.9825 | 0.9909 | 0.9974 | 0.9987 | 1.0000 |
| Hrad:           | 0.0006 | 0.0024 | 0.0051 | 0.0088 | 0.0142 |
|                 | 0.0224 | 0.0317 | 0.0421 | 0.0536 | 0.0665 |
|                 | 0.0801 | 0.0942 | 0.1089 | 0.1240 | 0.1401 |
|                 | 0.1571 | 0.1757 | 0.1956 | 0.2158 | 0.2364 |
|                 | 0.2571 | 0.2782 | 0.2997 | 0.3217 | 0.3442 |
|                 | 0.3674 | 0.3914 | 0.4162 | 0.4413 | 0.4665 |
|                 | 0.4919 | 0.5175 | 0.5432 | 0.5691 | 0.5951 |
|                 | 0.6213 | 0.6476 | 0.6740 | 0.7005 | 0.7272 |
|                 | 0.7540 | 0.7809 | 0.8080 | 0.8351 | 0.8624 |
|                 | 0.8898 | 0.9172 | 0.9448 | 0.9723 | 1.0000 |
| Width:          | 0.0139 | 0.0297 | 0.0435 | 0.0561 | 0.0690 |
|                 | 0.0701 | 0.0897 | 0.1063 | 0.1223 | 0.1387 |
|                 | 0.1600 | 0.1819 | 0.2034 | 0.2207 | 0.2352 |
|                 | 0.2526 | 0.2499 | 0.2695 | 0.2937 | 0.3176 |
|                 | 0.3413 | 0.3632 | 0.3822 | 0.4009 | 0.4216 |
|                 | 0.4417 | 0.4609 | 0.4621 | 0.4866 | 0.5109 |
|                 | 0.5351 | 0.5594 | 0.5838 | 0.6082 | 0.6324 |
|                 | 0.6565 | 0.6810 | 0.7054 | 0.7297 | 0.7538 |
|                 | 0.7779 | 0.8019 | 0.8258 | 0.8496 | 0.8742 |
|                 | 0.8995 | 0.9247 | 0.9499 | 0.9750 | 1.0000 |
| Transect T-C118 |        |        |        |        |        |
| Area:           | 0.0442 | 0.0799 | 0.1165 | 0.1582 | 0.2545 |
|                 | 0.3199 | 0.3543 | 0.3968 | 0.4397 | 0.4806 |
|                 | 0.5019 | 0.5192 | 0.5364 | 0.5632 | 0.5969 |
|                 | 0.6387 | 0.7048 | 0.7271 | 0.7364 | 0.7457 |
|                 | 0.7550 | 0.7673 | 0.7856 | 0.8039 | 0.8216 |
|                 | 0.8520 | 0.8824 | 0.9021 | 0.9083 | 0.9144 |
|                 | 0.9205 | 0.9263 | 0.9316 | 0.9368 | 0.9420 |
|                 | 0.9472 | 0.9517 | 0.9562 | 0.9607 | 0.9652 |
|                 | 0.9697 | 0.9742 | 0.9787 | 0.9833 | 0.9867 |
|                 | 0.9894 | 0.9920 | 0.9947 | 0.9973 | 1.0000 |
| Hrad:           | 0.0001 | 0.0004 | 0.0009 | 0.0016 | 0.0026 |
|                 | 0.0054 | 0.0096 | 0.0149 | 0.0213 | 0.0309 |
|                 | 0.0433 | 0.0563 | 0.0700 | 0.0846 | 0.0999 |
|                 | 0.1156 | 0.1316 | 0.1480 | 0.1649 | 0.1823 |
|                 | 0.2011 | 0.2205 | 0.2402 | 0.2603 | 0.2807 |
|                 | 0.3016 | 0.3228 | 0.3443 | 0.3660 | 0.3881 |
|                 | 0.4111 | 0.4353 | 0.4599 | 0.4850 | 0.5108 |
|                 | 0.5389 | 0.5685 | 0.5987 | 0.6295 | 0.6607 |
|                 | 0.6926 | 0.7261 | 0.7599 | 0.7938 | 0.8278 |
|                 | 0.8620 | 0.8963 | 0.9308 | 0.9653 | 1.0000 |
| Width:          | 0.0174 | 0.0347 | 0.0521 | 0.0695 | 0.0810 |
|                 | 0.0734 | 0.0843 | 0.0997 | 0.1123 | 0.1009 |
|                 | 0.1251 | 0.1508 | 0.1750 | 0.1983 | 0.2240 |
|                 | 0.2544 | 0.2833 | 0.3096 | 0.3350 | 0.3580 |
|                 | 0.3643 | 0.3927 | 0.4207 | 0.4472 | 0.4730 |
|                 | 0.4990 | 0.5269 | 0.5545 | 0.5819 | 0.6022 |
|                 | 0.5965 | 0.6210 | 0.6452 | 0.6659 | 0.6841 |
|                 | 0.6384 | 0.6629 | 0.6841 | 0.7063 | 0.7299 |
|                 | 0.7435 | 0.7500 | 0.7815 | 0.8128 | 0.8441 |
|                 | 0.8752 | 0.9061 | 0.9371 | 0.9686 | 1.0000 |
| Area:           | 0.0056 | 0.0112 | 0.0168 | 0.0224 | 0.0476 |
|                 | 0.1061 | 0.1359 | 0.1657 | 0.2046 | 0.3467 |
|                 | 0.3660 | 0.3841 | 0.4074 | 0.4321 | 0.4474 |
|                 | 0.4557 | 0.4659 | 0.4794 | 0.4936 | 0.5107 |
|                 | 0.5536 | 0.5630 | 0.5725 | 0.5835 | 0.5951 |
|                 | 0.6060 | 0.6142 | 0.6224 | 0.6306 | 0.6462 |
|                 | 0.6910 | 0.7029 | 0.7147 | 0.7302 | 0.7685 |
|                 | 0.8464 | 0.8599 | 0.8775 | 0.8936 | 0.9074 |

|                    |        |        |        |        |        |
|--------------------|--------|--------|--------|--------|--------|
|                    | 0.9336 | 0.9701 | 0.9741 | 0.9780 | 0.9820 |
|                    | 0.9859 | 0.9899 | 0.9937 | 0.9968 | 1.0000 |
| Transect T-C1450_1 |        |        |        |        |        |
| Area:              | 0.0002 | 0.0006 | 0.0014 | 0.0024 | 0.0040 |
|                    | 0.0066 | 0.0105 | 0.0155 | 0.0212 | 0.0274 |
|                    | 0.0347 | 0.0439 | 0.0545 | 0.0663 | 0.0792 |
|                    | 0.0926 | 0.1064 | 0.1212 | 0.1374 | 0.1554 |
|                    | 0.1746 | 0.1949 | 0.2163 | 0.2391 | 0.2629 |
|                    | 0.2874 | 0.3126 | 0.3387 | 0.3655 | 0.3926 |
|                    | 0.4199 | 0.4473 | 0.4749 | 0.5031 | 0.5322 |
|                    | 0.5623 | 0.5926 | 0.6231 | 0.6538 | 0.6846 |
|                    | 0.7155 | 0.7465 | 0.7777 | 0.8090 | 0.8405 |
|                    | 0.8723 | 0.9041 | 0.9360 | 0.9680 | 1.0000 |
| Hrad:              | 0.0160 | 0.0321 | 0.0507 | 0.0653 | 0.0631 |
|                    | 0.0636 | 0.0799 | 0.0944 | 0.1141 | 0.1408 |
|                    | 0.1615 | 0.1649 | 0.1830 | 0.1944 | 0.2030 |
|                    | 0.2275 | 0.2523 | 0.2746 | 0.2856 | 0.2640 |
|                    | 0.2934 | 0.3207 | 0.3460 | 0.3696 | 0.3927 |
|                    | 0.4155 | 0.4382 | 0.4574 | 0.4340 | 0.4639 |
|                    | 0.4933 | 0.5226 | 0.5451 | 0.5716 | 0.5981 |
|                    | 0.5973 | 0.6252 | 0.6535 | 0.6825 | 0.7117 |
|                    | 0.7409 | 0.7700 | 0.7989 | 0.8278 | 0.8489 |
|                    | 0.8794 | 0.9096 | 0.9398 | 0.9699 | 1.0000 |
| Width:             | 0.0097 | 0.0194 | 0.0274 | 0.0364 | 0.0641 |
|                    | 0.1036 | 0.1413 | 0.1647 | 0.1861 | 0.2072 |
|                    | 0.2554 | 0.3060 | 0.3489 | 0.3898 | 0.4106 |
|                    | 0.4237 | 0.4428 | 0.4823 | 0.5284 | 0.5892 |
|                    | 0.6188 | 0.6451 | 0.6941 | 0.7289 | 0.7519 |
|                    | 0.7792 | 0.7960 | 0.8286 | 0.8430 | 0.8472 |
|                    | 0.8518 | 0.8566 | 0.8720 | 0.8891 | 0.9290 |
|                    | 0.9421 | 0.9486 | 0.9542 | 0.9587 | 0.9626 |
|                    | 0.9664 | 0.9703 | 0.9742 | 0.9780 | 0.9907 |
|                    | 0.9925 | 0.9943 | 0.9962 | 0.9981 | 1.0000 |
| Transect T-C61     |        |        |        |        |        |
| Area:              | 0.0027 | 0.0075 | 0.0149 | 0.0282 | 0.0418 |
|                    | 0.0557 | 0.0698 | 0.0842 | 0.0989 | 0.1139 |
|                    | 0.1292 | 0.1449 | 0.1612 | 0.1780 | 0.1955 |
|                    | 0.2134 | 0.2316 | 0.2502 | 0.2692 | 0.2886 |
|                    | 0.3084 | 0.3287 | 0.3495 | 0.3706 | 0.3921 |
|                    | 0.4139 | 0.4362 | 0.4589 | 0.4822 | 0.5060 |
|                    | 0.5300 | 0.5540 | 0.5781 | 0.6023 | 0.6266 |
|                    | 0.6510 | 0.6754 | 0.6999 | 0.7245 | 0.7492 |
|                    | 0.7739 | 0.7987 | 0.8236 | 0.8485 | 0.8736 |
|                    | 0.8987 | 0.9239 | 0.9492 | 0.9745 | 1.0000 |
| Hrad:              | 0.0161 | 0.0376 | 0.0298 | 0.0551 | 0.0799 |
|                    | 0.1041 | 0.1280 | 0.1514 | 0.1744 | 0.1970 |
|                    | 0.2193 | 0.2371 | 0.2541 | 0.2709 | 0.2883 |
|                    | 0.3089 | 0.3292 | 0.3490 | 0.3666 | 0.3840 |
|                    | 0.4012 | 0.4182 | 0.4351 | 0.4542 | 0.4735 |
|                    | 0.4908 | 0.5056 | 0.5203 | 0.5350 | 0.5515 |
|                    | 0.5751 | 0.5986 | 0.6220 | 0.6453 | 0.6684 |
|                    | 0.6914 | 0.7144 | 0.7372 | 0.7598 | 0.7824 |
|                    | 0.8049 | 0.8272 | 0.8495 | 0.8716 | 0.8937 |
|                    | 0.9156 | 0.9374 | 0.9584 | 0.9792 | 1.0000 |
| Width:             | 0.1718 | 0.2047 | 0.5155 | 0.5265 | 0.5375 |
|                    | 0.5486 | 0.5596 | 0.5707 | 0.5817 | 0.5927 |
|                    | 0.6038 | 0.6261 | 0.6497 | 0.6734 | 0.6948 |
|                    | 0.7077 | 0.7206 | 0.7340 | 0.7517 | 0.7693 |
|                    | 0.7869 | 0.8046 | 0.8222 | 0.8352 | 0.8473 |
|                    | 0.8627 | 0.8824 | 0.9022 | 0.9219 | 0.9380 |
|                    | 0.9410 | 0.9439 | 0.9469 | 0.9499 | 0.9528 |
|                    | 0.9558 | 0.9588 | 0.9618 | 0.9647 | 0.9677 |
|                    | 0.9707 | 0.9736 | 0.9766 | 0.9796 | 0.9825 |
|                    | 0.9855 | 0.9885 | 0.9923 | 0.9962 | 1.0000 |
| Transect T-C71     |        |        |        |        |        |
| Area:              | 0.0071 | 0.0144 | 0.0220 | 0.0298 | 0.0378 |
|                    | 0.0461 | 0.0546 | 0.0634 | 0.0724 | 0.0817 |
|                    | 0.0911 | 0.1009 | 0.1108 | 0.1211 | 0.1315 |
|                    | 0.1422 | 0.1531 | 0.1643 | 0.1757 | 0.1874 |
|                    | 0.1993 | 0.2118 | 0.2247 | 0.2382 | 0.2521 |
|                    | 0.2666 | 0.2815 | 0.2970 | 0.3130 | 0.3296 |
|                    | 0.3468 | 0.3647 | 0.3851 | 0.4096 | 0.4373 |
|                    | 0.4664 | 0.4961 | 0.5266 | 0.5579 | 0.5901 |
|                    | 0.6232 | 0.6571 | 0.6935 | 0.7328 | 0.7748 |
|                    | 0.8195 | 0.8645 | 0.9096 | 0.9548 | 1.0000 |
| Hrad:              | 0.0446 | 0.0877 | 0.1295 | 0.1702 | 0.2098 |
|                    | 0.2483 | 0.2860 | 0.3229 | 0.3590 | 0.3944 |
|                    | 0.4291 | 0.4633 | 0.4969 | 0.5299 | 0.5625 |
|                    | 0.5947 | 0.6264 | 0.6577 | 0.6886 | 0.7192 |
|                    | 0.7393 | 0.7542 | 0.7697 | 0.7856 | 0.8021 |
|                    | 0.8190 | 0.8362 | 0.8538 | 0.8678 | 0.8803 |
|                    | 0.8936 | 0.9075 | 0.9158 | 0.9154 | 0.6899 |
|                    | 0.7179 | 0.7456 | 0.7712 | 0.7949 | 0.8185 |
|                    | 0.8420 | 0.8579 | 0.8254 | 0.8179 | 0.8027 |
|                    | 0.8247 | 0.8686 | 0.9125 | 0.9563 | 1.0000 |
| Width:             | 0.1592 | 0.1645 | 0.1698 | 0.1751 | 0.1804 |
|                    | 0.1857 | 0.1911 | 0.1964 | 0.2017 | 0.2070 |
|                    | 0.2123 | 0.2176 | 0.2230 | 0.2283 | 0.2336 |
|                    | 0.2389 | 0.2442 | 0.2495 | 0.2549 | 0.2602 |

|                |        |        |        |        |        |
|----------------|--------|--------|--------|--------|--------|
|                | 0.2692 | 0.2804 | 0.2916 | 0.3027 | 0.3139 |
|                | 0.3251 | 0.3362 | 0.3474 | 0.3602 | 0.3739 |
|                | 0.3877 | 0.4014 | 0.5055 | 0.5793 | 0.6337 |
|                | 0.6495 | 0.6652 | 0.6826 | 0.7017 | 0.7208 |
|                | 0.7399 | 0.7658 | 0.8401 | 0.8959 | 0.9654 |
|                | 0.9938 | 0.9954 | 0.9969 | 0.9985 | 1.0000 |
| Transect T-C74 |        |        |        |        |        |
| Area:          | 0.0006 | 0.0026 | 0.0057 | 0.0095 | 0.0138 |
|                | 0.0186 | 0.0240 | 0.0298 | 0.0362 | 0.0430 |
|                | 0.0505 | 0.0589 | 0.0686 | 0.0793 | 0.0911 |
|                | 0.1039 | 0.1177 | 0.1330 | 0.1500 | 0.1681 |
|                | 0.1870 | 0.2067 | 0.2271 | 0.2483 | 0.2701 |
|                | 0.2924 | 0.3152 | 0.3386 | 0.3625 | 0.3870 |
|                | 0.4120 | 0.4375 | 0.4635 | 0.4902 | 0.5174 |
|                | 0.5451 | 0.5734 | 0.6023 | 0.6318 | 0.6618 |
|                | 0.6926 | 0.7242 | 0.7566 | 0.7897 | 0.8236 |
|                | 0.8582 | 0.8932 | 0.9285 | 0.9641 | 1.0000 |
| Hrad:          | 0.0181 | 0.0362 | 0.0582 | 0.0848 | 0.1094 |
|                | 0.1327 | 0.1550 | 0.1766 | 0.1977 | 0.2183 |
|                | 0.2306 | 0.2350 | 0.2425 | 0.2538 | 0.2678 |
|                | 0.2825 | 0.2970 | 0.2977 | 0.3064 | 0.3288 |
|                | 0.3508 | 0.3726 | 0.3936 | 0.4176 | 0.4432 |
|                | 0.4684 | 0.4932 | 0.5178 | 0.5420 | 0.5660 |
|                | 0.5898 | 0.6131 | 0.6358 | 0.6583 | 0.6806 |
|                | 0.7027 | 0.7247 | 0.7465 | 0.7682 | 0.7855 |
|                | 0.8021 | 0.8187 | 0.8353 | 0.8520 | 0.8688 |
|                | 0.8895 | 0.9175 | 0.9452 | 0.9727 | 1.0000 |
| Width:         | 0.0355 | 0.0711 | 0.0984 | 0.1126 | 0.1267 |
|                | 0.1409 | 0.1551 | 0.1692 | 0.1834 | 0.1976 |
|                | 0.2193 | 0.2515 | 0.2836 | 0.3136 | 0.3414 |
|                | 0.3692 | 0.3978 | 0.4483 | 0.4915 | 0.5133 |
|                | 0.5350 | 0.5568 | 0.5792 | 0.5969 | 0.6117 |
|                | 0.6266 | 0.6415 | 0.6563 | 0.6712 | 0.6860 |
|                | 0.7009 | 0.7159 | 0.7315 | 0.7471 | 0.7627 |
|                | 0.7783 | 0.7939 | 0.8094 | 0.8250 | 0.8452 |
|                | 0.8664 | 0.8876 | 0.9088 | 0.9300 | 0.9512 |
|                | 0.9678 | 0.9759 | 0.9839 | 0.9920 | 1.0000 |
| Transect T-C76 |        |        |        |        |        |
| Area:          | 0.0005 | 0.0019 | 0.0044 | 0.0078 | 0.0121 |
|                | 0.0175 | 0.0238 | 0.0311 | 0.0394 | 0.0490 |
|                | 0.0599 | 0.0720 | 0.0849 | 0.0985 | 0.1129 |
|                | 0.1281 | 0.1440 | 0.1606 | 0.1777 | 0.1955 |
|                | 0.2139 | 0.2328 | 0.2523 | 0.2725 | 0.2933 |
|                | 0.3148 | 0.3372 | 0.3604 | 0.3844 | 0.4092 |
|                | 0.4345 | 0.4604 | 0.4869 | 0.5140 | 0.5417 |
|                | 0.5699 | 0.5988 | 0.6280 | 0.6575 | 0.6873 |
|                | 0.7174 | 0.7477 | 0.7783 | 0.8092 | 0.8403 |
|                | 0.8717 | 0.9034 | 0.9353 | 0.9675 | 1.0000 |
| Hrad:          | 0.0163 | 0.0327 | 0.0490 | 0.0653 | 0.0817 |
|                | 0.0980 | 0.1143 | 0.1307 | 0.1437 | 0.1562 |
|                | 0.1696 | 0.1883 | 0.2091 | 0.2295 | 0.2494 |
|                | 0.2690 | 0.2889 | 0.3108 | 0.3324 | 0.3535 |
|                | 0.3744 | 0.3950 | 0.4153 | 0.4354 | 0.4517 |
|                | 0.4673 | 0.4829 | 0.4986 | 0.5143 | 0.5331 |
|                | 0.5531 | 0.5730 | 0.5928 | 0.6124 | 0.6318 |
|                | 0.6511 | 0.6709 | 0.6972 | 0.7234 | 0.7493 |
|                | 0.7751 | 0.8007 | 0.8261 | 0.8514 | 0.8765 |
|                | 0.9015 | 0.9264 | 0.9510 | 0.9756 | 1.0000 |
| Width:         | 0.0298 | 0.0595 | 0.0893 | 0.1191 | 0.1488 |
|                | 0.1786 | 0.2084 | 0.2381 | 0.2747 | 0.3143 |
|                | 0.3540 | 0.3831 | 0.4065 | 0.4299 | 0.4534 |
|                | 0.4768 | 0.4991 | 0.5173 | 0.5354 | 0.5536 |
|                | 0.5717 | 0.5898 | 0.6080 | 0.6261 | 0.6496 |
|                | 0.6742 | 0.6987 | 0.7232 | 0.7478 | 0.7678 |
|                | 0.7857 | 0.8037 | 0.8216 | 0.8395 | 0.8574 |
|                | 0.8753 | 0.8924 | 0.9007 | 0.9090 | 0.9172 |
|                | 0.9255 | 0.9338 | 0.9421 | 0.9503 | 0.9586 |
|                | 0.9669 | 0.9752 | 0.9834 | 0.9917 | 1.0000 |
| Transect T-C78 |        |        |        |        |        |
| Area:          | 0.0002 | 0.0006 | 0.0014 | 0.0025 | 0.0039 |
|                | 0.0056 | 0.0076 | 0.0100 | 0.0126 | 0.0156 |
|                | 0.0198 | 0.0264 | 0.0366 | 0.0488 | 0.0616 |
|                | 0.0751 | 0.0891 | 0.1038 | 0.1196 | 0.1376 |
|                | 0.1570 | 0.1773 | 0.1985 | 0.2205 | 0.2434 |
|                | 0.2676 | 0.2928 | 0.3189 | 0.3457 | 0.3734 |
|                | 0.4018 | 0.4310 | 0.4610 | 0.4915 | 0.5223 |
|                | 0.5532 | 0.5842 | 0.6153 | 0.6466 | 0.6781 |
|                | 0.7096 | 0.7413 | 0.7732 | 0.8052 | 0.8373 |
|                | 0.8696 | 0.9020 | 0.9345 | 0.9672 | 1.0000 |
| Hrad:          | 0.0165 | 0.0330 | 0.0495 | 0.0660 | 0.0825 |
|                | 0.0990 | 0.1155 | 0.1320 | 0.1486 | 0.1651 |
|                | 0.1189 | 0.1139 | 0.1025 | 0.1299 | 0.1563 |
|                | 0.1819 | 0.2066 | 0.2269 | 0.2451 | 0.2416 |
|                | 0.2634 | 0.2848 | 0.3060 | 0.3272 | 0.3441 |
|                | 0.3602 | 0.3796 | 0.4014 | 0.4229 | 0.4441 |
|                | 0.4637 | 0.4846 | 0.5062 | 0.5333 | 0.5636 |
|                | 0.5938 | 0.6239 | 0.6537 | 0.6834 | 0.7129 |
|                | 0.7423 | 0.7715 | 0.8006 | 0.8295 | 0.8583 |
|                | 0.8869 | 0.9154 | 0.9437 | 0.9719 | 1.0000 |
| Width:         |        |        |        |        |        |

|  |        |        |        |        |        |
|--|--------|--------|--------|--------|--------|
|  | 0.0095 | 0.0189 | 0.0284 | 0.0378 | 0.0473 |
|  | 0.0568 | 0.0662 | 0.0757 | 0.0852 | 0.0946 |
|  | 0.1677 | 0.2339 | 0.3615 | 0.3802 | 0.3988 |
|  | 0.4175 | 0.4362 | 0.4630 | 0.4936 | 0.5765 |
|  | 0.6033 | 0.6300 | 0.6564 | 0.6820 | 0.7161 |
|  | 0.7521 | 0.7810 | 0.8044 | 0.8278 | 0.8511 |
|  | 0.8771 | 0.9004 | 0.9218 | 0.9326 | 0.9368 |
|  | 0.9411 | 0.9453 | 0.9495 | 0.9537 | 0.9579 |
|  | 0.9621 | 0.9663 | 0.9705 | 0.9747 | 0.9789 |
|  | 0.9832 | 0.9874 | 0.9916 | 0.9958 | 1.0000 |

Transect T-C8

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0020 | 0.0042 | 0.0065 | 0.0089 | 0.0114 |
|       | 0.0141 | 0.0169 | 0.0198 | 0.0228 | 0.0260 |
|       | 0.0296 | 0.0342 | 0.0416 | 0.0496 | 0.0591 |
|       | 0.0706 | 0.0864 | 0.1054 | 0.1266 | 0.1508 |
|       | 0.1766 | 0.2026 | 0.2288 | 0.2552 | 0.2817 |
|       | 0.3085 | 0.3354 | 0.3625 | 0.3897 | 0.4171 |
|       | 0.4447 | 0.4724 | 0.5003 | 0.5284 | 0.5567 |
|       | 0.5852 | 0.6139 | 0.6427 | 0.6717 | 0.7009 |
|       | 0.7302 | 0.7596 | 0.7892 | 0.8190 | 0.8489 |
|       | 0.8789 | 0.9091 | 0.9393 | 0.9696 | 1.0000 |

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0296 | 0.0575 | 0.0840 | 0.1092 | 0.1334 |
|       | 0.1567 | 0.1792 | 0.2011 | 0.2223 | 0.2431 |
|       | 0.2294 | 0.2008 | 0.1638 | 0.1826 | 0.1987 |
|       | 0.2100 | 0.1723 | 0.1752 | 0.1960 | 0.1797 |
|       | 0.2084 | 0.2370 | 0.2656 | 0.2943 | 0.3228 |
|       | 0.3511 | 0.3793 | 0.4072 | 0.4351 | 0.4629 |
|       | 0.4907 | 0.5183 | 0.5451 | 0.5718 | 0.5983 |
|       | 0.6247 | 0.6509 | 0.6775 | 0.7045 | 0.7313 |
|       | 0.7580 | 0.7845 | 0.8110 | 0.8374 | 0.8636 |
|       | 0.8897 | 0.9174 | 0.9450 | 0.9726 | 1.0000 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.0687 | 0.0729 | 0.0771 | 0.0813 | 0.0855 |
|        | 0.0897 | 0.0939 | 0.0981 | 0.1023 | 0.1065 |
|        | 0.1283 | 0.2159 | 0.2541 | 0.2811 | 0.3420 |
|        | 0.4525 | 0.5612 | 0.6751 | 0.7321 | 0.8428 |
|        | 0.8504 | 0.8579 | 0.8645 | 0.8701 | 0.8758 |
|        | 0.8815 | 0.8871 | 0.8928 | 0.8984 | 0.9037 |
|        | 0.9087 | 0.9139 | 0.9202 | 0.9265 | 0.9328 |
|        | 0.9390 | 0.9453 | 0.9509 | 0.9557 | 0.9606 |
|        | 0.9654 | 0.9703 | 0.9752 | 0.9800 | 0.9849 |
|        | 0.9897 | 0.9923 | 0.9948 | 0.9974 | 1.0000 |

Transect T-C84

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

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

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

Transect T-C97

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

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0186 | 0.0372 | 0.0558 | 0.0743 | 0.0929 |
|       | 0.1115 | 0.1301 | 0.1487 | 0.1692 | 0.1902 |
|       | 0.2107 | 0.2309 | 0.2509 | 0.2144 | 0.2164 |
|       | 0.2259 | 0.2166 | 0.2089 | 0.2035 | 0.2262 |
|       | 0.2366 | 0.2536 | 0.2749 | 0.3011 | 0.3257 |
|       | 0.3428 | 0.3648 | 0.3921 | 0.4034 | 0.4295 |
|       | 0.4576 | 0.4822 | 0.5076 | 0.5349 | 0.5646 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
|        | 0.5941 | 0.6003 | 0.6342 | 0.6678 | 0.7013 |
|        | 0.7346 | 0.7678 | 0.8009 | 0.8339 | 0.8667 |
|        | 0.8993 | 0.9310 | 0.9613 | 0.9912 | 1.0000 |
| Width: |        |        |        |        |        |
|        | 0.0092 | 0.0184 | 0.0277 | 0.0369 | 0.0461 |
|        | 0.0553 | 0.0645 | 0.0738 | 0.0819 | 0.0896 |
|        | 0.0973 | 0.1050 | 0.1127 | 0.1535 | 0.1813 |
|        | 0.2167 | 0.2914 | 0.3821 | 0.4108 | 0.4394 |
|        | 0.4942 | 0.5363 | 0.5697 | 0.5921 | 0.6163 |
|        | 0.6554 | 0.6840 | 0.7023 | 0.7491 | 0.7696 |
|        | 0.7856 | 0.8071 | 0.8267 | 0.8426 | 0.8542 |
|        | 0.8658 | 0.9125 | 0.9171 | 0.9218 | 0.9264 |
|        | 0.9311 | 0.9356 | 0.9400 | 0.9444 | 0.9489 |
|        | 0.9533 | 0.9586 | 0.9651 | 0.9824 | 1.0000 |

Transect T-SMC14

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

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

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

Transect T-U012001

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

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

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

\*\*\*\*\*  
Analysis Options  
\*\*\*\*\*  
Flow Units ..... CMS  
Process Models:  
  Rainfall/Runoff ..... YES  
  RDII ..... NO  
  Snowmelt ..... NO  
  Groundwater ..... NO  
  Flow Routing ..... YES  
  Ponding Allowed ..... NO  
  Water Quality ..... NO  
Infiltration Method ..... CURVE\_NUMBER  
Flow Routing Method ..... DYNWAVE

| *****                      | Volume    | Depth   |
|----------------------------|-----------|---------|
| Runoff Quantity Continuity | hectare-m | mm      |
| *****                      | -----     | -----   |
| Total Precipitation .....  | 9.869     | 103.500 |
| Evaporation Loss .....     | 0.000     | 0.000   |
| Infiltration Loss .....    | 4.864     | 51.010  |
| Surface Runoff .....       | 4.893     | 51.313  |
| Final Storage .....        | 0.123     | 1.293   |
| Continuity Error (%) ..... | -0.112    |         |

```
*****
Highest Continuity Errors
*****
Node T015001 (2.18%)
Node T013042 (1.33%)
Node T013044 (1.09%)
```

```
*****
Highest Flow Instability Indexes
*****
Link OFC_CC600 (11)
Link OFA_CC700 (2)
```

```

*****
Routing Time Step Summary
*****
Minimum Time Step      :      0.00 sec
Average Time Step      :      2.38 sec
Maximum Time Step      :      5.00 sec
% of Time in Steady State :      0.00
Average Iterations per Step :      2.00
% of Steps Not Converging :      0.00
Time Step Frequencies  :
    5.000 - 3.155 sec :      40.63 %
    3.155 - 1.991 sec :      19.29 %
    1.991 - 1.256 sec :       4.64 %
    1.256 - 0.792 sec :      31.85 %
    0.792 - 0.500 sec :       3.58 %

```

[illegible]

|                    |        |       |      |       |       |       |       |      |      |
|--------------------|--------|-------|------|-------|-------|-------|-------|------|------|
| G009005_1<br>0.453 | 103.50 | 0.00  | 0.00 | 55.43 | 7.14  | 39.70 | 46.85 | 1.28 | 0.22 |
| G009005_2<br>0.459 | 103.50 | 0.00  | 0.00 | 54.87 | 7.14  | 40.31 | 47.46 | 0.74 | 0.19 |
| G012001<br>0.454   | 103.50 | 0.00  | 0.00 | 55.32 | 7.14  | 39.83 | 46.97 | 1.43 | 0.27 |
| G013006<br>0.457   | 103.50 | 0.00  | 0.00 | 55.03 | 7.14  | 40.13 | 47.28 | 0.45 | 0.10 |
| G013007<br>0.456   | 103.50 | 0.00  | 0.00 | 55.11 | 7.14  | 40.03 | 47.17 | 1.11 | 0.23 |
| G013012<br>0.459   | 103.50 | 0.00  | 0.00 | 54.84 | 7.14  | 40.34 | 47.48 | 0.69 | 0.18 |
| G013016_1<br>0.455 | 103.50 | 0.00  | 0.00 | 55.19 | 7.15  | 39.96 | 47.11 | 0.93 | 0.19 |
| G013016_2<br>0.459 | 103.50 | 0.00  | 0.00 | 54.84 | 7.14  | 40.32 | 47.46 | 0.72 | 0.19 |
| G013024<br>0.458   | 103.50 | 0.00  | 0.00 | 54.87 | 7.14  | 40.31 | 47.45 | 1.05 | 0.27 |
| G013031<br>0.458   | 103.50 | 0.00  | 0.00 | 54.87 | 7.14  | 40.31 | 47.45 | 1.13 | 0.29 |
| G013032<br>0.460   | 103.50 | 0.00  | 0.00 | 54.74 | 7.14  | 40.45 | 47.59 | 0.80 | 0.23 |
| G013033<br>0.458   | 103.50 | 0.00  | 0.00 | 54.90 | 7.14  | 40.26 | 47.40 | 1.35 | 0.34 |
| G013037<br>0.460   | 103.50 | 0.00  | 0.00 | 54.69 | 7.14  | 40.51 | 47.65 | 1.04 | 0.31 |
| G013042<br>0.458   | 103.50 | 0.00  | 0.00 | 54.90 | 7.14  | 40.27 | 47.41 | 0.66 | 0.17 |
| G013043<br>0.461   | 103.50 | 0.00  | 0.00 | 54.61 | 7.14  | 40.61 | 47.75 | 0.98 | 0.32 |
| G013045<br>0.459   | 103.50 | 0.00  | 0.00 | 54.79 | 7.14  | 40.40 | 47.54 | 0.88 | 0.24 |
| G014001<br>0.455   | 103.50 | 0.00  | 0.00 | 55.22 | 7.14  | 39.92 | 47.06 | 1.57 | 0.31 |
| G015001_1<br>0.459 | 103.50 | 0.00  | 0.00 | 54.84 | 7.14  | 40.34 | 47.48 | 0.61 | 0.16 |
| G015001_2<br>0.454 | 103.50 | 0.00  | 0.00 | 55.27 | 7.14  | 39.86 | 47.00 | 0.59 | 0.11 |
| G015003_1<br>0.458 | 103.50 | 0.00  | 0.00 | 54.92 | 7.14  | 40.25 | 47.39 | 0.75 | 0.19 |
| G015003_2<br>0.460 | 103.50 | 0.00  | 0.00 | 54.71 | 7.14  | 40.49 | 47.63 | 0.58 | 0.17 |
| G016003_1<br>0.458 | 103.50 | 0.00  | 0.00 | 54.87 | 7.14  | 40.29 | 47.44 | 0.48 | 0.12 |
| G016003_2<br>0.456 | 103.50 | 0.00  | 0.00 | 55.14 | 7.14  | 40.02 | 47.16 | 0.78 | 0.16 |
| S1<br>0.462        | 103.50 | 0.00  | 0.00 | 54.58 | 7.14  | 40.64 | 47.78 | 0.20 | 0.07 |
| S1_1<br>0.461      | 103.50 | 0.00  | 0.00 | 54.63 | 7.14  | 40.58 | 47.72 | 0.07 | 0.02 |
| S1_10<br>0.462     | 103.50 | 0.00  | 0.00 | 54.53 | 7.14  | 40.72 | 47.86 | 0.04 | 0.01 |
| S1_2<br>0.464      | 103.50 | 0.00  | 0.00 | 54.39 | 7.14  | 40.87 | 48.01 | 0.10 | 0.04 |
| S1_3<br>0.456      | 103.50 | 0.00  | 0.00 | 55.14 | 7.14  | 40.01 | 47.15 | 0.34 | 0.07 |
| S1_4<br>0.456      | 103.50 | 0.00  | 0.00 | 55.14 | 7.14  | 40.01 | 47.15 | 0.22 | 0.05 |
| S1_5<br>0.460      | 103.50 | 0.00  | 0.00 | 54.74 | 7.14  | 40.44 | 47.58 | 0.15 | 0.04 |
| S1_6<br>0.460      | 103.50 | 0.00  | 0.00 | 54.77 | 7.14  | 40.43 | 47.57 | 0.12 | 0.03 |
| S1_7<br>0.459      | 103.50 | 0.00  | 0.00 | 54.84 | 7.14  | 40.32 | 47.46 | 0.21 | 0.05 |
| S1_8<br>0.455      | 103.50 | 0.00  | 0.00 | 55.14 | 7.14  | 40.00 | 47.14 | 0.11 | 0.02 |
| S10<br>0.463       | 103.50 | 0.00  | 0.00 | 54.50 | 7.14  | 40.73 | 47.88 | 0.40 | 0.14 |
| S101_2<br>0.459    | 103.50 | 0.00  | 0.00 | 54.84 | 7.14  | 40.33 | 47.47 | 0.49 | 0.13 |
| S102<br>0.459      | 103.50 | 0.00  | 0.00 | 54.84 | 7.14  | 40.34 | 47.48 | 0.42 | 0.11 |
| S11<br>0.457       | 103.50 | 0.00  | 0.00 | 54.98 | 7.14  | 40.19 | 47.34 | 0.53 | 0.13 |
| S112<br>0.461      | 103.50 | 0.00  | 0.00 | 54.66 | 7.14  | 40.54 | 47.68 | 0.24 | 0.07 |
| S113<br>0.461      | 103.50 | 0.00  | 0.00 | 54.69 | 7.14  | 40.52 | 47.66 | 0.30 | 0.09 |
| S115_2<br>0.922    | 103.50 | 0.00  | 0.00 | 6.80  | 81.96 | 13.45 | 95.41 | 0.01 | 0.00 |
| S130<br>0.462      | 103.50 | 0.00  | 0.00 | 54.58 | 7.14  | 40.63 | 47.77 | 0.30 | 0.10 |
| S132<br>0.458      | 103.50 | 0.00  | 0.00 | 54.92 | 7.14  | 40.25 | 47.39 | 0.56 | 0.14 |
| S137<br>0.455      | 103.50 | 0.00  | 0.00 | 55.24 | 7.14  | 39.91 | 47.05 | 1.02 | 0.20 |
| S15_4<br>0.464     | 103.50 | 0.00  | 0.00 | 54.39 | 7.14  | 40.88 | 48.02 | 0.09 | 0.04 |
| S16<br>0.460       | 103.50 | 0.00  | 0.00 | 54.69 | 7.14  | 40.51 | 47.65 | 0.29 | 0.09 |
| S18<br>0.462       | 103.50 | 0.00  | 0.00 | 54.58 | 7.14  | 40.63 | 47.77 | 0.26 | 0.08 |
| S19<br>0.461       | 103.50 | 0.00  | 0.00 | 54.61 | 7.14  | 40.61 | 47.75 | 0.28 | 0.09 |
| S2<br>0.462        | 103.50 | 0.00  | 0.00 | 54.58 | 7.14  | 40.64 | 47.78 | 0.20 | 0.07 |
| S2_13<br>0.919     | 103.50 | 0.00  | 0.00 | 6.80  | 81.64 | 13.47 | 95.11 | 0.02 | 0.01 |
| S2_14<br>0.919     | 103.50 | 0.00  | 0.00 | 6.80  | 81.64 | 13.47 | 95.11 | 0.03 | 0.01 |
| S2_15<br>0.456     | 103.50 | 0.00  | 0.00 | 55.08 | 7.14  | 40.07 | 47.21 | 0.10 | 0.02 |
| S2_16<br>0.533     | 103.50 | 16.26 | 0.00 | 54.79 | 8.28  | 55.53 | 63.81 | 0.36 | 0.10 |
| S2_18<br>0.465     | 103.50 | 0.00  | 0.00 | 54.29 | 7.14  | 41.02 | 48.16 | 0.07 | 0.03 |

|                 |        |       |      |       |        |       |        |      |      |
|-----------------|--------|-------|------|-------|--------|-------|--------|------|------|
| S2_19<br>0.466  | 103.50 | 0.00  | 0.00 | 54.21 | 7.15   | 41.11 | 48.26  | 0.03 | 0.02 |
| S2_20<br>0.465  | 103.50 | 0.00  | 0.00 | 54.29 | 7.14   | 41.00 | 48.14  | 0.08 | 0.03 |
| S2_22<br>0.454  | 103.50 | 0.00  | 0.00 | 55.29 | 7.14   | 39.85 | 46.99  | 0.03 | 0.01 |
| S2_23<br>0.460  | 103.50 | 0.00  | 0.00 | 54.71 | 7.14   | 40.47 | 47.61  | 0.15 | 0.04 |
| S2_24<br>0.454  | 103.50 | 0.00  | 0.00 | 55.27 | 7.14   | 39.86 | 47.01  | 0.02 | 0.00 |
| S2_25<br>0.457  | 103.50 | 0.00  | 0.00 | 55.00 | 7.14   | 40.15 | 47.29  | 0.02 | 0.00 |
| S2_26<br>0.453  | 103.50 | 0.00  | 0.00 | 55.37 | 7.14   | 39.76 | 46.91  | 0.01 | 0.00 |
| S2_30<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.03 | 0.01 |
| S2_31<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.02 | 0.01 |
| S2_32<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.02 | 0.01 |
| S2_34<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.02 | 0.01 |
| S2_35<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.02 | 0.01 |
| S2_36<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.62  | 13.45 | 95.07  | 0.04 | 0.01 |
| S2_37<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.02 | 0.01 |
| S2_38<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.03 | 0.01 |
| S2_39<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.03 | 0.01 |
| S2_4<br>0.922   | 103.50 | 0.00  | 0.00 | 6.80  | 82.00  | 13.40 | 95.40  | 0.02 | 0.01 |
| S2_40<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.02 | 0.01 |
| S2_41<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64  | 13.47 | 95.11  | 0.01 | 0.01 |
| S20_1<br>0.990  | 103.50 | 0.00  | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.61 | 0.21 |
| S20_10<br>0.990 | 103.50 | 0.00  | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.61 | 0.21 |
| S20_11<br>0.990 | 103.50 | 0.00  | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.74 | 0.26 |
| S20_12<br>0.922 | 103.50 | 0.00  | 0.00 | 6.80  | 82.00  | 13.41 | 95.41  | 0.04 | 0.01 |
| S20_13<br>0.990 | 103.50 | 0.00  | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.81 | 0.28 |
| S20_2<br>0.922  | 103.50 | 0.00  | 0.00 | 6.80  | 81.98  | 13.44 | 95.43  | 0.12 | 0.04 |
| S20_3<br>0.990  | 103.50 | 0.00  | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 1.04 | 0.36 |
| S20_6<br>0.922  | 103.50 | 0.00  | 0.00 | 6.80  | 81.98  | 13.44 | 95.43  | 0.10 | 0.04 |
| S20_7<br>0.990  | 103.50 | 0.00  | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.16 | 0.05 |
| S20_8<br>0.990  | 103.50 | 0.00  | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.79 | 0.27 |
| S20_9<br>0.990  | 103.50 | 0.00  | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.62 | 0.21 |
| S22_4<br>0.921  | 103.50 | 0.00  | 0.00 | 6.80  | 81.86  | 13.48 | 95.34  | 0.03 | 0.01 |
| S22_5<br>0.921  | 103.50 | 0.00  | 0.00 | 6.80  | 81.86  | 13.48 | 95.34  | 0.05 | 0.02 |
| S23<br>0.454    | 103.50 | 0.00  | 0.00 | 55.32 | 7.14   | 39.83 | 46.97  | 1.17 | 0.22 |
| S25<br>0.457    | 103.50 | 0.00  | 0.00 | 55.03 | 7.14   | 40.13 | 47.27  | 0.58 | 0.13 |
| S29<br>0.460    | 103.50 | 0.00  | 0.00 | 54.71 | 7.14   | 40.50 | 47.64  | 0.26 | 0.08 |
| S3<br>0.571     | 103.50 | 28.67 | 0.00 | 55.51 | 9.15   | 66.31 | 75.46  | 1.00 | 0.16 |
| S33<br>0.457    | 103.50 | 0.00  | 0.00 | 55.03 | 7.14   | 40.12 | 47.26  | 0.64 | 0.14 |
| S34<br>0.460    | 103.50 | 0.00  | 0.00 | 54.74 | 7.14   | 40.44 | 47.58  | 0.72 | 0.21 |
| S36<br>0.460    | 103.50 | 0.00  | 0.00 | 54.74 | 7.14   | 40.44 | 47.59  | 0.67 | 0.19 |
| S37_2<br>0.458  | 103.50 | 0.00  | 0.00 | 54.90 | 7.14   | 40.28 | 47.42  | 0.61 | 0.15 |
| S4<br>0.461     | 103.50 | 0.00  | 0.00 | 54.63 | 7.14   | 40.58 | 47.72  | 0.07 | 0.02 |
| S44_3<br>0.460  | 103.50 | 0.00  | 0.00 | 54.69 | 7.14   | 40.52 | 47.66  | 0.32 | 0.10 |
| S45<br>0.463    | 103.50 | 0.00  | 0.00 | 54.42 | 7.14   | 40.82 | 47.96  | 0.21 | 0.08 |
| S48_1<br>0.458  | 103.50 | 0.00  | 0.00 | 54.90 | 7.14   | 40.27 | 47.41  | 0.60 | 0.15 |
| S5<br>0.460     | 103.50 | 0.00  | 0.00 | 54.71 | 7.14   | 40.47 | 47.62  | 1.27 | 0.37 |
| S51<br>0.456    | 103.50 | 0.00  | 0.00 | 55.06 | 7.14   | 40.10 | 47.25  | 0.69 | 0.15 |
| S54<br>0.462    | 103.50 | 0.00  | 0.00 | 54.58 | 7.14   | 40.63 | 47.77  | 0.30 | 0.10 |
| S56_1<br>0.465  | 103.50 | 0.00  | 0.00 | 54.29 | 7.15   | 41.00 | 48.15  | 0.14 | 0.06 |
| S6<br>0.460     | 103.50 | 0.00  | 0.00 | 54.71 | 7.14   | 40.49 | 47.63  | 0.38 | 0.11 |
| S61<br>0.455    | 103.50 | 0.00  | 0.00 | 55.22 | 7.14   | 39.93 | 47.08  | 0.37 | 0.07 |
| S63_2<br>0.462  | 103.50 | 0.00  | 0.00 | 54.58 | 7.14   | 40.64 | 47.78  | 0.16 | 0.05 |
| S63_3<br>0.463  | 103.50 | 0.00  | 0.00 | 54.45 | 7.14   | 40.82 | 47.96  | 0.18 | 0.07 |
| S65<br>0.453    | 103.50 | 0.00  | 0.00 | 55.43 | 7.14   | 39.71 | 46.86  | 0.44 | 0.08 |

|                |        |       |      |       |       |       |       |      |      |
|----------------|--------|-------|------|-------|-------|-------|-------|------|------|
| S69<br>0.455   | 103.50 | 0.00  | 0.00 | 55.19 | 7.14  | 39.95 | 47.09 | 0.60 | 0.12 |
| S7<br>0.922    | 103.50 | 0.00  | 0.00 | 6.80  | 81.97 | 13.45 | 95.42 | 0.47 | 0.17 |
| S76_3<br>0.460 | 103.50 | 0.00  | 0.00 | 54.74 | 7.14  | 40.46 | 47.60 | 0.37 | 0.11 |
| S77<br>0.459   | 103.50 | 0.00  | 0.00 | 54.79 | 7.14  | 40.40 | 47.54 | 0.24 | 0.07 |
| S8<br>0.922    | 103.50 | 0.00  | 0.00 | 6.80  | 81.98 | 13.44 | 95.42 | 0.30 | 0.11 |
| S80_3<br>0.922 | 103.50 | 0.00  | 0.00 | 6.80  | 81.99 | 13.44 | 95.43 | 0.03 | 0.01 |
| S88_2<br>0.458 | 103.50 | 0.00  | 0.00 | 54.92 | 7.14  | 40.23 | 47.37 | 0.48 | 0.12 |
| S88_3<br>0.922 | 103.50 | 0.00  | 0.00 | 6.80  | 81.96 | 13.45 | 95.41 | 0.06 | 0.02 |
| S9_1<br>0.464  | 103.50 | 0.00  | 0.00 | 54.37 | 7.14  | 40.90 | 48.04 | 0.17 | 0.07 |
| S9_10<br>0.919 | 103.50 | 0.00  | 0.00 | 6.80  | 81.64 | 13.47 | 95.11 | 0.03 | 0.01 |
| S9_2<br>0.462  | 103.50 | 0.00  | 0.00 | 54.58 | 7.14  | 40.64 | 47.78 | 0.09 | 0.03 |
| S9_3<br>0.462  | 103.50 | 0.00  | 0.00 | 54.58 | 7.14  | 40.64 | 47.78 | 0.12 | 0.04 |
| S9_4<br>0.545  | 103.50 | 18.23 | 0.00 | 54.34 | 8.43  | 57.91 | 66.34 | 0.10 | 0.04 |
| S9_5<br>0.463  | 103.50 | 0.00  | 0.00 | 54.47 | 7.14  | 40.76 | 47.90 | 0.13 | 0.05 |
| S9_6<br>0.523  | 103.50 | 14.15 | 0.00 | 54.92 | 8.13  | 53.41 | 61.54 | 0.15 | 0.04 |
| S9_7<br>0.550  | 103.50 | 21.85 | 0.00 | 55.22 | 8.67  | 60.27 | 68.95 | 0.09 | 0.02 |
| S9_8<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64 | 13.47 | 95.11 | 0.03 | 0.01 |
| S9_9<br>0.919  | 103.50 | 0.00  | 0.00 | 6.80  | 81.64 | 13.47 | 95.11 | 0.03 | 0.01 |
| S90<br>0.458   | 103.50 | 0.00  | 0.00 | 54.92 | 7.14  | 40.26 | 47.40 | 0.25 | 0.06 |
| S91_1<br>0.922 | 103.50 | 0.00  | 0.00 | 6.80  | 81.97 | 13.45 | 95.42 | 0.05 | 0.02 |
| S91_2<br>0.464 | 103.50 | 0.00  | 0.00 | 54.42 | 7.14  | 40.83 | 47.97 | 0.11 | 0.04 |
| S92<br>0.459   | 103.50 | 0.00  | 0.00 | 54.82 | 7.14  | 40.35 | 47.49 | 0.32 | 0.09 |

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Node Depth Summary  
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|       |          | Average | Maximum | Maximum | Time of Max | Reported  |
|-------|----------|---------|---------|---------|-------------|-----------|
|       |          | Depth   | Depth   | HGL     | Occurrence  | Max Depth |
| Node  | Type     | Meters  | Meters  | Meters  | days hr:min | Meters    |
| 16017 | JUNCTION | 0.32    | 1.19    | 94.61   | 0 14:34     | 1.19      |
| 16094 | JUNCTION | 0.00    | 0.03    | 92.21   | 0 12:05     | 0.03      |
| 16130 | JUNCTION | 0.32    | 1.19    | 94.61   | 0 14:33     | 1.19      |
| 25010 | JUNCTION | 0.04    | 0.41    | 94.81   | 0 12:20     | 0.41      |
| 25025 | JUNCTION | 0.05    | 0.41    | 95.05   | 0 12:16     | 0.41      |
| 26419 | JUNCTION | 0.09    | 0.61    | 94.61   | 0 14:33     | 0.61      |
| 26456 | JUNCTION | 0.15    | 0.58    | 94.81   | 0 12:21     | 0.58      |
| 26578 | JUNCTION | 0.00    | 0.00    | 95.36   | 0 00:00     | 0.00      |
| DDJ01 | JUNCTION | 0.06    | 0.34    | 100.71  | 0 12:32     | 0.34      |
| DDJ02 | JUNCTION | 0.08    | 0.44    | 100.47  | 0 12:31     | 0.44      |
| DDJ03 | JUNCTION | 0.08    | 0.45    | 100.36  | 0 12:31     | 0.45      |
| DDJ04 | JUNCTION | 0.08    | 0.45    | 100.14  | 0 12:31     | 0.45      |
| DDJ05 | JUNCTION | 0.08    | 0.46    | 99.84   | 0 12:31     | 0.46      |
| DDJ06 | JUNCTION | 0.07    | 0.40    | 99.62   | 0 12:32     | 0.40      |
| DDJ07 | JUNCTION | 0.07    | 0.42    | 98.80   | 0 12:32     | 0.42      |
| DDJ08 | JUNCTION | 0.07    | 0.41    | 98.43   | 0 12:33     | 0.41      |
| DDJ09 | JUNCTION | 0.08    | 0.42    | 98.28   | 0 12:33     | 0.42      |
| DDJ10 | JUNCTION | 0.07    | 0.37    | 98.06   | 0 12:33     | 0.37      |
| DDJ11 | JUNCTION | 0.07    | 0.38    | 97.85   | 0 12:33     | 0.38      |
| DDJ12 | JUNCTION | 0.08    | 0.42    | 97.70   | 0 12:33     | 0.42      |
| DDJ13 | JUNCTION | 0.07    | 0.35    | 97.38   | 0 12:34     | 0.35      |
| DDJ14 | JUNCTION | 0.07    | 0.36    | 96.63   | 0 12:33     | 0.36      |
| J101  | JUNCTION | 0.06    | 0.70    | 99.76   | 0 12:39     | 0.70      |
| J117  | JUNCTION | 0.05    | 0.18    | 100.63  | 0 12:03     | 0.18      |
| J14   | JUNCTION | 0.06    | 0.30    | 92.36   | 0 12:07     | 0.30      |
| J152  | JUNCTION | 0.01    | 0.13    | 102.72  | 0 12:00     | 0.13      |
| J160  | JUNCTION | 0.01    | 0.16    | 103.70  | 0 12:00     | 0.16      |
| J17   | JUNCTION | 0.09    | 0.39    | 93.12   | 0 12:07     | 0.39      |
| J2    | JUNCTION | 0.26    | 1.11    | 94.61   | 0 14:33     | 1.11      |
| J24   | JUNCTION | 0.00    | 0.00    | 96.89   | 0 00:00     | 0.00      |
| J253  | JUNCTION | 0.02    | 0.18    | 102.37  | 0 12:02     | 0.18      |
| J259  | JUNCTION | 0.04    | 0.44    | 99.76   | 0 12:39     | 0.44      |
| J26   | JUNCTION | 0.06    | 0.37    | 98.29   | 0 12:00     | 0.37      |
| J274  | JUNCTION | 0.05    | 0.24    | 91.62   | 0 12:06     | 0.24      |
| J276  | JUNCTION | 0.04    | 0.25    | 96.51   | 0 12:03     | 0.25      |
| J28   | JUNCTION | 0.02    | 0.22    | 100.55  | 0 12:03     | 0.22      |
| J29   | JUNCTION | 0.06    | 0.51    | 101.56  | 0 12:02     | 0.51      |
| J3    | JUNCTION | 0.02    | 0.21    | 102.51  | 0 12:00     | 0.21      |
| J30   | JUNCTION | 0.04    | 0.42    | 101.73  | 0 12:01     | 0.42      |
| J31   | JUNCTION | 0.02    | 0.29    | 102.10  | 0 12:01     | 0.29      |
| J32   | JUNCTION | 0.02    | 0.23    | 102.30  | 0 12:01     | 0.23      |
| J33   | JUNCTION | 0.08    | 0.51    | 95.40   | 0 12:06     | 0.51      |
| J34   | JUNCTION | 0.01    | 0.13    | 102.63  | 0 12:00     | 0.13      |
| J35   | JUNCTION | 0.14    | 0.59    | 95.36   | 0 12:07     | 0.59      |
| J36   | JUNCTION | 0.02    | 0.29    | 94.81   | 0 12:20     | 0.29      |
| J38   | JUNCTION | 1.01    | 1.35    | 98.05   | 0 20:54     | 1.35      |
| J39   | JUNCTION | 0.36    | 0.67    | 98.19   | 0 12:00     | 0.67      |

|         |          |      |      |        |   |       |      |
|---------|----------|------|------|--------|---|-------|------|
| J43     | JUNCTION | 0.06 | 0.29 | 95.10  | 0 | 12:07 | 0.29 |
| J46     | JUNCTION | 0.00 | 0.06 | 98.30  | 0 | 12:00 | 0.06 |
| J47     | JUNCTION | 0.60 | 0.87 | 98.08  | 0 | 20:54 | 0.87 |
| J48     | JUNCTION | 0.01 | 0.18 | 98.46  | 0 | 12:00 | 0.18 |
| J49     | JUNCTION | 0.01 | 0.11 | 101.11 | 0 | 12:00 | 0.11 |
| J5      | JUNCTION | 0.05 | 0.40 | 92.20  | 0 | 12:08 | 0.40 |
| J50     | JUNCTION | 0.01 | 0.33 | 99.16  | 0 | 12:00 | 0.33 |
| J51     | JUNCTION | 0.05 | 0.86 | 99.16  | 0 | 12:00 | 0.86 |
| J52     | JUNCTION | 0.01 | 0.17 | 100.17 | 0 | 12:00 | 0.17 |
| J53     | JUNCTION | 0.01 | 0.11 | 97.22  | 0 | 12:00 | 0.11 |
| J54     | JUNCTION | 0.02 | 0.38 | 99.47  | 0 | 12:00 | 0.38 |
| J55     | JUNCTION | 0.01 | 0.53 | 99.16  | 0 | 12:00 | 0.53 |
| J56     | JUNCTION | 0.29 | 0.63 | 98.23  | 0 | 12:00 | 0.63 |
| J58     | JUNCTION | 0.00 | 0.04 | 99.62  | 0 | 12:00 | 0.04 |
| J59     | JUNCTION | 0.00 | 0.05 | 99.15  | 0 | 12:00 | 0.05 |
| J60     | JUNCTION | 0.01 | 0.09 | 98.60  | 0 | 12:00 | 0.08 |
| J61     | JUNCTION | 0.02 | 0.19 | 98.50  | 0 | 12:00 | 0.19 |
| J62     | JUNCTION | 0.01 | 0.09 | 102.09 | 0 | 12:00 | 0.09 |
| J63     | JUNCTION | 0.01 | 0.15 | 99.75  | 0 | 12:01 | 0.15 |
| J64     | JUNCTION | 0.05 | 0.19 | 97.69  | 0 | 12:01 | 0.19 |
| J65     | JUNCTION | 0.01 | 0.17 | 99.32  | 0 | 12:01 | 0.17 |
| J66     | JUNCTION | 0.01 | 0.15 | 98.55  | 0 | 12:01 | 0.15 |
| J67     | JUNCTION | 0.02 | 0.21 | 96.21  | 0 | 12:02 | 0.21 |
| J68     | JUNCTION | 0.04 | 0.39 | 95.24  | 0 | 12:02 | 0.39 |
| J69     | JUNCTION | 0.07 | 0.48 | 95.12  | 0 | 12:03 | 0.47 |
| J70     | JUNCTION | 0.01 | 0.17 | 99.63  | 0 | 12:00 | 0.17 |
| J71     | JUNCTION | 0.03 | 0.29 | 98.29  | 0 | 12:00 | 0.29 |
| J72     | JUNCTION | 0.31 | 0.52 | 98.08  | 0 | 20:54 | 0.52 |
| J73     | JUNCTION | 0.00 | 0.00 | 99.79  | 0 | 00:00 | 0.00 |
| J8      | JUNCTION | 0.07 | 0.55 | 91.06  | 0 | 12:17 | 0.55 |
| J80     | JUNCTION | 0.04 | 0.16 | 98.24  | 0 | 12:14 | 0.16 |
| J87     | JUNCTION | 0.01 | 0.12 | 100.10 | 0 | 12:00 | 0.12 |
| J88     | JUNCTION | 0.02 | 0.28 | 101.88 | 0 | 12:01 | 0.28 |
| J89     | JUNCTION | 0.24 | 0.58 | 98.23  | 0 | 12:00 | 0.58 |
| J9      | JUNCTION | 0.26 | 0.45 | 98.08  | 0 | 20:54 | 0.45 |
| J90     | JUNCTION | 0.00 | 0.01 | 102.51 | 0 | 12:00 | 0.01 |
| J92     | JUNCTION | 0.04 | 0.24 | 98.52  | 0 | 12:30 | 0.24 |
| J93     | JUNCTION | 0.02 | 0.21 | 99.41  | 0 | 12:01 | 0.21 |
| J94     | JUNCTION | 0.12 | 0.46 | 98.28  | 0 | 12:00 | 0.46 |
| PDDJ01  | JUNCTION | 0.09 | 0.11 | 96.78  | 0 | 20:55 | 0.11 |
| PDDJ02  | JUNCTION | 0.10 | 0.11 | 96.76  | 0 | 20:55 | 0.11 |
| PDDJ03  | JUNCTION | 0.09 | 0.11 | 96.72  | 0 | 20:56 | 0.11 |
| PDDJ04  | JUNCTION | 0.09 | 0.13 | 96.65  | 0 | 12:00 | 0.13 |
| PDDJ05  | JUNCTION | 0.10 | 0.19 | 96.49  | 0 | 12:00 | 0.19 |
| PDDJ06  | JUNCTION | 0.12 | 0.24 | 96.42  | 0 | 12:01 | 0.24 |
| PDDJ07  | JUNCTION | 0.07 | 0.22 | 96.27  | 0 | 12:00 | 0.22 |
| PDDJ08  | JUNCTION | 0.09 | 0.31 | 95.81  | 0 | 12:00 | 0.31 |
| PDDJ09  | JUNCTION | 0.11 | 0.35 | 95.63  | 0 | 12:01 | 0.35 |
| PDDJ10  | JUNCTION | 0.06 | 0.24 | 95.40  | 0 | 12:01 | 0.24 |
| PDDJ11  | JUNCTION | 0.11 | 0.51 | 94.81  | 0 | 12:21 | 0.51 |
| T009007 | JUNCTION | 0.00 | 0.00 | 100.64 | 0 | 00:00 | 0.00 |
| T012001 | JUNCTION | 0.01 | 0.08 | 101.08 | 0 | 12:00 | 0.08 |
| T013002 | JUNCTION | 0.05 | 0.21 | 100.85 | 0 | 12:31 | 0.21 |
| T013003 | JUNCTION | 0.05 | 0.18 | 100.99 | 0 | 12:31 | 0.18 |
| T013006 | JUNCTION | 0.03 | 0.13 | 101.48 | 0 | 12:30 | 0.13 |
| T013007 | JUNCTION | 0.05 | 0.19 | 101.85 | 0 | 12:30 | 0.19 |
| T013012 | JUNCTION | 0.05 | 0.17 | 103.64 | 0 | 12:31 | 0.17 |
| T013016 | JUNCTION | 0.10 | 0.28 | 103.73 | 0 | 12:23 | 0.28 |
| T013019 | JUNCTION | 0.03 | 0.08 | 104.53 | 0 | 13:04 | 0.08 |
| T013020 | JUNCTION | 0.05 | 0.14 | 104.92 | 0 | 13:03 | 0.14 |
| T013021 | JUNCTION | 0.02 | 0.10 | 105.22 | 0 | 13:03 | 0.10 |
| T013022 | JUNCTION | 0.06 | 0.21 | 105.66 | 0 | 13:02 | 0.21 |
| T013023 | JUNCTION | 0.05 | 0.20 | 105.99 | 0 | 13:01 | 0.20 |
| T013024 | JUNCTION | 0.04 | 0.19 | 106.31 | 0 | 13:00 | 0.19 |
| T013025 | JUNCTION | 0.04 | 0.13 | 106.42 | 0 | 13:00 | 0.13 |
| T013031 | JUNCTION | 0.03 | 0.12 | 107.44 | 0 | 12:57 | 0.12 |
| T013032 | JUNCTION | 0.04 | 0.17 | 107.88 | 0 | 12:56 | 0.17 |
| T013033 | JUNCTION | 0.03 | 0.09 | 108.35 | 0 | 12:36 | 0.09 |
| T013037 | JUNCTION | 0.03 | 0.11 | 108.65 | 0 | 12:34 | 0.11 |
| T013042 | JUNCTION | 0.05 | 0.14 | 108.66 | 0 | 12:22 | 0.14 |
| T013044 | JUNCTION | 0.05 | 0.14 | 108.67 | 0 | 12:09 | 0.14 |
| T013045 | JUNCTION | 0.04 | 0.14 | 108.68 | 0 | 12:09 | 0.14 |
| T014001 | JUNCTION | 0.05 | 0.17 | 103.65 | 0 | 12:29 | 0.17 |
| T015001 | JUNCTION | 0.03 | 0.12 | 104.66 | 0 | 12:39 | 0.12 |
| T015003 | JUNCTION | 0.03 | 0.08 | 106.22 | 0 | 12:06 | 0.08 |
| T016001 | JUNCTION | 0.02 | 0.09 | 108.71 | 0 | 12:11 | 0.09 |
| T016003 | JUNCTION | 0.02 | 0.09 | 108.86 | 0 | 12:00 | 0.09 |
| T043003 | JUNCTION | 0.04 | 0.17 | 101.34 | 0 | 12:30 | 0.17 |
| OF-A    | OUTFALL  | 0.03 | 0.25 | 91.75  | 0 | 12:18 | 0.23 |
| OF-B    | OUTFALL  | 0.18 | 0.57 | 93.87  | 0 | 14:33 | 0.57 |
| OF-C    | OUTFALL  | 0.11 | 0.36 | 94.51  | 0 | 12:21 | 0.36 |
| OF-EX   | OUTFALL  | 0.04 | 0.23 | 89.85  | 0 | 12:17 | 0.23 |
| SU1     | STORAGE  | 2.23 | 2.58 | 98.08  | 0 | 20:54 | 2.58 |

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Node Inflow Summary  
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| Node  | Type     | Maximum<br>Lateral<br>Inflow<br>CMS | Maximum<br>Total<br>Inflow<br>CMS | Time of Max<br>Occurrence<br>days hr:min |       | Lateral<br>Inflow<br>Volume<br>10^6 ltr | Total<br>Inflow<br>Volume<br>10^6 ltr | Flow<br>Balance<br>Error<br>Percent |
|-------|----------|-------------------------------------|-----------------------------------|------------------------------------------|-------|-----------------------------------------|---------------------------------------|-------------------------------------|
|       |          |                                     |                                   |                                          |       |                                         |                                       |                                     |
| 16017 | JUNCTION | 0.153                               | 0.682                             | 0                                        | 12:19 | 0.606                                   | 3.93                                  | -0.006                              |
| 16094 | JUNCTION | 0.000                               | 0.057                             | 0                                        | 12:02 | 0                                       | 0.0116                                | 2.310                               |
| 16130 | JUNCTION | 0.207                               | 1.935                             | 0                                        | 12:17 | 0.725                                   | 29.3                                  | 0.388                               |
| 25010 | JUNCTION | 0.040                               | 0.201                             | 0                                        | 12:17 | 0.151                                   | 1.74                                  | 0.002                               |
| 25025 | JUNCTION | 0.062                               | 0.330                             | 0                                        | 12:02 | 0.23                                    | 1.59                                  | 0.065                               |

|         |          |       |       |   |       |        |          |           |
|---------|----------|-------|-------|---|-------|--------|----------|-----------|
| 26419   | JUNCTION | 0.000 | 0.206 | 0 | 12:20 | 0      | 0.636    | 0.833     |
| 26456   | JUNCTION | 0.000 | 0.302 | 0 | 12:14 | 0      | 5.83     | 0.165     |
| 26578   | JUNCTION | 0.000 | 0.000 | 0 | 00:00 | 0      | 0        | 0.000 ltr |
| DDJ01   | JUNCTION | 0.000 | 1.267 | 0 | 12:31 | 0      | 17       | 0.008     |
| DDJ02   | JUNCTION | 0.000 | 1.443 | 0 | 12:31 | 0      | 19.1     | 0.004     |
| DDJ03   | JUNCTION | 0.193 | 1.635 | 0 | 12:29 | 0.744  | 21.2     | 0.047     |
| DDJ04   | JUNCTION | 0.194 | 1.685 | 0 | 12:30 | 0.686  | 21.9     | 0.004     |
| DDJ05   | JUNCTION | 0.110 | 1.719 | 0 | 12:30 | 0.415  | 22.3     | 0.003     |
| DDJ06   | JUNCTION | 0.067 | 1.734 | 0 | 12:31 | 0.202  | 22.5     | 0.005     |
| DDJ07   | JUNCTION | 0.122 | 1.756 | 0 | 12:31 | 0.342  | 22.9     | 0.004     |
| DDJ08   | JUNCTION | 0.000 | 1.755 | 0 | 12:32 | 0      | 22.9     | 0.003     |
| DDJ09   | JUNCTION | 0.040 | 1.763 | 0 | 12:32 | 0.119  | 23       | 0.002     |
| DDJ10   | JUNCTION | 0.000 | 1.763 | 0 | 12:33 | 0      | 23       | 0.001     |
| DDJ11   | JUNCTION | 0.000 | 1.763 | 0 | 12:33 | 0      | 23       | 0.002     |
| DDJ12   | JUNCTION | 0.031 | 1.769 | 0 | 12:33 | 0.0943 | 23.1     | 0.001     |
| DDJ13   | JUNCTION | 0.000 | 1.769 | 0 | 12:33 | 0      | 23.1     | 0.004     |
| DDJ14   | JUNCTION | 0.199 | 1.860 | 0 | 12:15 | 0.578  | 24.3     | -0.202    |
| J101    | JUNCTION | 0.119 | 0.651 | 0 | 12:05 | 0.597  | 4.2      | 0.026     |
| J117    | JUNCTION | 0.148 | 0.665 | 0 | 12:01 | 0.572  | 2.99     | -0.590    |
| J14     | JUNCTION | 0.088 | 1.191 | 0 | 12:07 | 0.29   | 10.3     | 0.005     |
| J152    | JUNCTION | 0.139 | 0.139 | 0 | 12:00 | 0.564  | 0.564    | -0.016    |
| J160    | JUNCTION | 0.296 | 0.296 | 0 | 12:00 | 1.31   | 1.31     | -0.013    |
| J17     | JUNCTION | 0.174 | 1.146 | 0 | 12:06 | 0.533  | 10       | 0.004     |
| J2      | JUNCTION | 0.000 | 0.316 | 0 | 12:11 | 0      | 1.01     | 0.131     |
| J24     | JUNCTION | 0.000 | 0.000 | 0 | 00:00 | 0      | 0        | 0.000 ltr |
| J253    | JUNCTION | 0.165 | 0.578 | 0 | 12:00 | 0.539  | 2.42     | -0.002    |
| J259    | JUNCTION | 0.174 | 0.778 | 0 | 12:02 | 0.612  | 3.62     | 0.498     |
| J26     | JUNCTION | 0.006 | 0.160 | 0 | 12:00 | 0.0341 | 0.561    | 0.012     |
| J274    | JUNCTION | 0.141 | 1.259 | 0 | 12:06 | 0.398  | 10.7     | -0.004    |
| J276    | JUNCTION | 0.081 | 0.667 | 0 | 12:00 | 0.215  | 6.2      | -0.003    |
| J28     | JUNCTION | 0.000 | 0.400 | 0 | 12:02 | 0      | 2.08     | -0.004    |
| J29     | JUNCTION | 0.016 | 0.409 | 0 | 12:00 | 0.0454 | 2.08     | -0.011    |
| J3      | JUNCTION | 0.116 | 0.116 | 0 | 12:00 | 0.478  | 0.478    | 0.001     |
| J30     | JUNCTION | 0.226 | 0.405 | 0 | 12:00 | 1.29   | 2.03     | -0.003    |
| J31     | JUNCTION | 0.062 | 0.185 | 0 | 12:00 | 0.166  | 0.705    | -0.016    |
| J32     | JUNCTION | 0.021 | 0.130 | 0 | 12:00 | 0.0606 | 0.539    | 0.006     |
| J33     | JUNCTION | 0.321 | 0.907 | 0 | 12:01 | 1.24   | 7.45     | 0.018     |
| J34     | JUNCTION | 0.056 | 0.056 | 0 | 12:00 | 0.184  | 0.184    | -0.014    |
| J35     | JUNCTION | 0.144 | 0.929 | 0 | 12:03 | 0.64   | 8.08     | 0.053     |
| J36     | JUNCTION | 0.000 | 0.186 | 0 | 12:16 | 0      | 1.59     | 0.007     |
| J38     | JUNCTION | 0.000 | 0.025 | 0 | 20:53 | 0      | 3.25     | 0.033     |
| J39     | JUNCTION | 0.054 | 1.547 | 0 | 12:00 | 0.158  | 4.67     | 0.226     |
| J43     | JUNCTION | 0.295 | 1.059 | 0 | 12:06 | 1.43   | 9.51     | -0.004    |
| J46     | JUNCTION | 0.009 | 0.052 | 0 | 12:00 | 0.0239 | 0.171    | -0.006    |
| J47     | JUNCTION | 0.208 | 1.955 | 0 | 12:00 | 0.606  | 5.88     | 0.589     |
| J48     | JUNCTION | 0.213 | 0.213 | 0 | 12:00 | 0.622  | 0.622    | -0.063    |
| J49     | JUNCTION | 0.107 | 0.107 | 0 | 12:00 | 0.303  | 0.303    | -0.006    |
| J5      | JUNCTION | 0.372 | 0.372 | 0 | 12:00 | 1.27   | 1.28     | 0.061     |
| J50     | JUNCTION | 0.042 | 0.148 | 0 | 12:00 | 0.119  | 0.422    | 0.038     |
| J51     | JUNCTION | 0.255 | 0.874 | 0 | 11:59 | 0.743  | 2.53     | -0.026    |
| J52     | JUNCTION | 0.165 | 0.165 | 0 | 12:00 | 0.47   | 0.47     | -0.011    |
| J53     | JUNCTION | 0.150 | 0.150 | 0 | 12:00 | 0.596  | 0.596    | -0.117    |
| J54     | JUNCTION | 0.036 | 0.201 | 0 | 12:00 | 0.102  | 0.572    | 0.004     |
| J55     | JUNCTION | 0.272 | 0.472 | 0 | 12:00 | 0.791  | 1.36     | -0.004    |
| J56     | JUNCTION | 0.210 | 0.634 | 0 | 12:00 | 0.612  | 1.98     | 0.251     |
| J58     | JUNCTION | 0.016 | 0.016 | 0 | 12:00 | 0.0458 | 0.0458   | -0.018    |
| J59     | JUNCTION | 0.010 | 0.026 | 0 | 12:00 | 0.0349 | 0.0807   | -0.001    |
| J60     | JUNCTION | 0.011 | 0.037 | 0 | 12:00 | 0.0387 | 0.119    | -0.022    |
| J61     | JUNCTION | 0.008 | 0.044 | 0 | 12:00 | 0.0274 | 0.147    | 0.028     |
| J62     | JUNCTION | 0.022 | 0.076 | 0 | 12:00 | 0.0994 | 0.284    | 0.009     |
| J63     | JUNCTION | 0.012 | 0.087 | 0 | 12:00 | 0.0355 | 0.319    | -0.006    |
| J64     | JUNCTION | 0.252 | 0.605 | 0 | 12:00 | 0.988  | 5.99     | -0.011    |
| J65     | JUNCTION | 0.033 | 0.115 | 0 | 12:01 | 0.117  | 0.436    | -0.013    |
| J66     | JUNCTION | 0.022 | 0.135 | 0 | 12:01 | 0.108  | 0.544    | 0.005     |
| J67     | JUNCTION | 0.058 | 0.185 | 0 | 12:00 | 0.253  | 0.797    | -0.013    |
| J68     | JUNCTION | 0.085 | 0.258 | 0 | 12:00 | 0.381  | 1.18     | -0.029    |
| J69     | JUNCTION | 0.053 | 0.288 | 0 | 12:01 | 0.179  | 1.36     | -0.017    |
| J70     | JUNCTION | 0.000 | 0.165 | 0 | 12:00 | 0      | 0.47     | 0.001     |
| J71     | JUNCTION | 0.104 | 0.155 | 0 | 12:00 | 0.357  | 0.527    | 0.005     |
| J72     | JUNCTION | 0.000 | 0.213 | 0 | 12:00 | 0      | 0.62     | 0.355     |
| J73     | JUNCTION | 0.000 | 0.000 | 0 | 00:00 | 0      | 0        | 0.000 ltr |
| J8      | JUNCTION | 0.125 | 1.342 | 0 | 12:04 | 0.529  | 11.3     | 0.006     |
| J80     | JUNCTION | 0.073 | 0.387 | 0 | 12:13 | 0.367  | 5        | 0.012     |
| J87     | JUNCTION | 0.000 | 0.107 | 0 | 12:00 | 0      | 0.303    | -0.042    |
| J88     | JUNCTION | 0.012 | 0.191 | 0 | 12:00 | 0.0326 | 0.737    | -0.002    |
| J89     | JUNCTION | 0.000 | 0.431 | 0 | 12:00 | 0      | 1.38     | 0.224     |
| J9      | JUNCTION | 0.000 | 0.213 | 0 | 12:00 | 0      | 0.622    | 0.311     |
| J90     | JUNCTION | 0.000 | 0.002 | 0 | 11:59 | 0      | 0.000224 | 2.791     |
| J92     | JUNCTION | 0.076 | 0.350 | 0 | 12:27 | 0.436  | 4.63     | 0.039     |
| J93     | JUNCTION | 0.000 | 0.085 | 0 | 12:01 | 0      | 0.319    | 0.010     |
| J94     | JUNCTION | 0.279 | 0.436 | 0 | 12:00 | 0.813  | 1.37     | -0.044    |
| PDDJ01  | JUNCTION | 0.000 | 0.025 | 0 | 20:54 | 0      | 3.25     | 0.006     |
| PDDJ02  | JUNCTION | 0.000 | 0.025 | 0 | 20:54 | 0      | 3.25     | 0.045     |
| PDDJ03  | JUNCTION | 0.000 | 0.025 | 0 | 20:55 | 0      | 3.25     | 0.037     |
| PDDJ04  | JUNCTION | 0.015 | 0.034 | 0 | 12:00 | 0.0349 | 3.28     | 0.090     |
| PDDJ05  | JUNCTION | 0.033 | 0.066 | 0 | 12:00 | 0.0798 | 3.36     | 0.112     |
| PDDJ06  | JUNCTION | 0.031 | 0.094 | 0 | 12:00 | 0.074  | 3.43     | 0.138     |
| PDDJ07  | JUNCTION | 0.106 | 0.195 | 0 | 12:00 | 0.271  | 3.7      | 0.053     |
| PDDJ08  | JUNCTION | 0.053 | 0.243 | 0 | 12:00 | 0.139  | 3.83     | 0.059     |
| PDDJ09  | JUNCTION | 0.044 | 0.283 | 0 | 12:00 | 0.166  | 4        | 0.061     |
| PDDJ10  | JUNCTION | 0.040 | 0.318 | 0 | 12:00 | 0.102  | 4.1      | 0.010     |
| PDDJ11  | JUNCTION | 0.000 | 0.356 | 0 | 12:01 | 0      | 5.84     | 0.074     |
| T009007 | JUNCTION | 0.000 | 0.000 | 0 | 00:00 | 0      | 0        | 0.000 ltr |
| T012001 | JUNCTION | 0.267 | 0.267 | 0 | 12:00 | 1.43   | 1.43     | -0.622    |
| T013002 | JUNCTION | 0.000 | 1.267 | 0 | 12:31 | 0      | 17       | 0.002     |
| T013003 | JUNCTION | 0.000 | 1.267 | 0 | 12:30 | 0      | 17       | 0.015     |
| T013006 | JUNCTION | 0.102 | 1.267 | 0 | 12:30 | 0.45   | 17       | 0.003     |
| T013007 | JUNCTION | 0.234 | 1.229 | 0 | 12:29 | 1.11   | 16.5     | 0.019     |
| T013012 | JUNCTION | 0.182 | 1.145 | 0 | 12:23 | 0.688  | 15.4     | 0.039     |
| T013016 | JUNCTION | 0.375 | 0.759 | 0 | 12:16 | 1.65   | 10.7     | 0.039     |

|         |          |       |       |   |       |       |       |        |
|---------|----------|-------|-------|---|-------|-------|-------|--------|
| T013019 | JUNCTION | 0.000 | 0.627 | 0 | 13:03 | 0     | 9.02  | 0.059  |
| T013020 | JUNCTION | 0.000 | 0.627 | 0 | 13:03 | 0     | 9.03  | 0.062  |
| T013021 | JUNCTION | 0.000 | 0.628 | 0 | 13:02 | 0     | 9.03  | 0.008  |
| T013022 | JUNCTION | 0.000 | 0.628 | 0 | 13:01 | 0     | 9.03  | 0.020  |
| T013023 | JUNCTION | 0.000 | 0.628 | 0 | 13:00 | 0     | 9.03  | 0.006  |
| T013024 | JUNCTION | 0.270 | 0.629 | 0 | 12:57 | 1.05  | 9.03  | 0.042  |
| T013025 | JUNCTION | 0.000 | 0.581 | 0 | 12:57 | 0     | 8     | 0.212  |
| T013031 | JUNCTION | 0.292 | 0.583 | 0 | 12:53 | 1.13  | 7.99  | -0.102 |
| T013032 | JUNCTION | 0.230 | 0.590 | 0 | 12:30 | 0.801 | 6.91  | 0.635  |
| T013033 | JUNCTION | 0.337 | 0.547 | 0 | 12:29 | 1.35  | 6.09  | -0.337 |
| T013037 | JUNCTION | 0.314 | 0.597 | 0 | 12:11 | 1.04  | 4.79  | 0.968  |
| T013042 | JUNCTION | 0.166 | 0.407 | 0 | 12:02 | 0.663 | 2.51  | 1.350  |
| T013044 | JUNCTION | 0.317 | 0.475 | 0 | 12:00 | 0.978 | 1.86  | 1.105  |
| T013045 | JUNCTION | 0.244 | 0.244 | 0 | 12:00 | 0.885 | 0.885 | 0.394  |
| T014001 | JUNCTION | 0.309 | 0.309 | 0 | 12:00 | 1.57  | 1.57  | -0.030 |
| T015001 | JUNCTION | 0.272 | 0.457 | 0 | 12:00 | 1.19  | 2.57  | 2.225  |
| T015003 | JUNCTION | 0.358 | 0.358 | 0 | 12:00 | 1.33  | 1.33  | -3.396 |
| T016001 | JUNCTION | 0.000 | 0.279 | 0 | 12:02 | 0     | 1.27  | -0.274 |
| T016003 | JUNCTION | 0.287 | 0.287 | 0 | 12:00 | 1.26  | 1.26  | -0.446 |
| T043003 | JUNCTION | 0.000 | 1.267 | 0 | 12:30 | 0     | 17    | 0.007  |
| OF-A    | OUTFALL  | 0.000 | 0.229 | 0 | 12:18 | 0     | 1.27  | 0.000  |
| OF-B    | OUTFALL  | 0.000 | 0.816 | 0 | 14:33 | 0     | 25.5  | 0.000  |
| OF-C    | OUTFALL  | 0.000 | 0.299 | 0 | 12:21 | 0     | 5.82  | 0.000  |
| OF-EX   | OUTFALL  | 0.178 | 1.315 | 0 | 12:15 | 1.07  | 12.3  | 0.000  |
| SU1     | STORAGE  | 0.357 | 2.310 | 0 | 12:00 | 1.04  | 10.1  | 0.098  |

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

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

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Node Flooding Summary  
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No nodes were flooded.

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Storage Volume Summary  
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| Storage Unit | Average           | Avg          | Evap         | Exfil        | Maximum           | Max          | Time of Max               |       | Maximum        |
|--------------|-------------------|--------------|--------------|--------------|-------------------|--------------|---------------------------|-------|----------------|
|              | Volume<br>1000 m³ | Pcnt<br>Full | Pcnt<br>Loss | Pcnt<br>Loss | Volume<br>1000 m³ | Pcnt<br>Full | Occurrence<br>days hr:min |       | Outflow<br>CMS |
| SU1          | 7.080             | 64.6         | 0.0          | 0.0          | 8.647             | 78.9         | 0                         | 20:54 | 0.025          |

\*\*\*\*\*  
Outfall Loading Summary  
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| Outfall Node | Flow         | Avg         | Max         | Total              |
|--------------|--------------|-------------|-------------|--------------------|
|              | Freq<br>Pcnt | Flow<br>CMS | Flow<br>CMS | Volume<br>10^6 ltr |
| OF-A         | 74.48        | 0.013       | 0.229       | 1.269              |
| OF-B         | 97.28        | 0.191       | 0.816       | 25.524             |
| OF-C         | 98.10        | 0.039       | 0.299       | 5.822              |
| OF-EX        | 99.95        | 0.092       | 1.315       | 12.326             |
| System       | 92.45        | 0.335       | 2.234       | 44.941             |

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Link Flow Summary  
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| Link         | Type    | Maximum      | Time of Max               |       | Maximum         | Max/         | Max/          |
|--------------|---------|--------------|---------------------------|-------|-----------------|--------------|---------------|
|              |         | Flow <br>CMS | Occurrence<br>days hr:min |       | Veloc <br>m/sec | Full<br>Flow | Full<br>Depth |
| AR02_HDPE450 | CONDUIT | 0.043        | 0                         | 12:00 | 1.17            | 0.17         | 0.28          |
| AR1_HDPE600  | CONDUIT | 0.186        | 0                         | 12:16 | 1.41            | 0.34         | 0.58          |
| C10          | CONDUIT | 0.133        | 0                         | 12:00 | 0.37            | 0.06         | 0.26          |
| C100         | CHANNEL | 1.191        | 0                         | 12:07 | 1.04            | 0.11         | 0.38          |
| C101         | CHANNEL | 1.259        | 0                         | 12:06 | 1.05            | 0.06         | 0.46          |
| C103         | CHANNEL | 1.192        | 0                         | 12:17 | 0.84            | 0.81         | 0.82          |
| C129         | CONDUIT | 0.037        | 0                         | 12:00 | 0.22            | 0.04         | 0.28          |
| C130         | CONDUIT | 0.075        | 0                         | 12:00 | 0.51            | 0.00         | 0.09          |
| C131         | CONDUIT | 1.955        | 0                         | 12:00 | 1.62            | 0.11         | 0.85          |
| C132_1       | CONDUIT | 0.085        | 0                         | 12:01 | 0.35            | 0.00         | 0.09          |
| C132_2       | CONDUIT | 0.085        | 0                         | 12:01 | 0.33            | 0.03         | 0.17          |
| C133         | CONDUIT | 0.115        | 0                         | 12:01 | 0.55            | 0.03         | 0.16          |
| C134         | CONDUIT | 0.134        | 0                         | 12:02 | 0.54            | 0.04         | 0.22          |
| C135         | CONDUIT | 0.182        | 0                         | 12:02 | 0.38            | 0.05         | 0.31          |

|               |         |       |   |       |       |      |      |
|---------------|---------|-------|---|-------|-------|------|------|
| C136          | CONDUIT | 0.246 | 0 | 12:02 | 0.31  | 0.13 | 0.43 |
| C137          | CONDUIT | 0.281 | 0 | 12:03 | 0.41  | 1.01 | 0.43 |
| C1450_1       | CHANNEL | 0.209 | 0 | 12:39 | 0.16  | 0.00 | 0.20 |
| C20           | CONDUIT | 0.144 | 0 | 12:00 | 0.34  | 0.18 | 0.66 |
| C25_3         | CHANNEL | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.50 |
| C26_1         | CONDUIT | 0.002 | 0 | 11:59 | 0.02  | 0.01 | 0.38 |
| C26_2         | CONDUIT | 0.110 | 0 | 12:00 | 0.35  | 0.53 | 0.74 |
| C26_5         | CONDUIT | 0.055 | 0 | 12:00 | 0.40  | 0.03 | 0.15 |
| C30           | CONDUIT | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.00 |
| C30_3         | CONDUIT | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.19 |
| C36           | CONDUIT | 0.127 | 0 | 12:01 | 0.32  | 0.26 | 0.57 |
| C45           | CONDUIT | 0.285 | 0 | 12:00 | 0.72  | 0.09 | 0.29 |
| C46_1         | CONDUIT | 0.182 | 0 | 12:01 | 0.40  | 0.28 | 0.52 |
| C46_2         | CONDUIT | 0.188 | 0 | 12:01 | 0.32  | 0.17 | 0.51 |
| C47           | CONDUIT | 0.396 | 0 | 12:01 | 0.45  | 0.46 | 0.76 |
| C50           | CONDUIT | 0.400 | 0 | 12:02 | 0.63  | 0.42 | 0.61 |
| C57           | CHANNEL | 0.537 | 0 | 12:02 | 0.75  | 0.57 | 0.74 |
| C60           | CONDUIT | 0.397 | 0 | 12:03 | 0.37  | 0.14 | 0.45 |
| C70           | CHANNEL | 0.641 | 0 | 12:03 | 0.42  | 0.01 | 0.31 |
| C72           | CONDUIT | 0.016 | 0 | 12:00 | 0.35  | 0.00 | 0.04 |
| C75           | CONDUIT | 0.571 | 0 | 12:05 | 0.71  | 0.09 | 0.57 |
| C80           | CONDUIT | 0.026 | 0 | 12:00 | 0.35  | 0.01 | 0.09 |
| C81           | CHANNEL | 0.314 | 0 | 12:40 | 0.58  | 1.26 | 1.00 |
| C86           | CONDUIT | 0.350 | 0 | 12:29 | 0.73  | 0.06 | 0.20 |
| C87           | CHANNEL | 0.387 | 0 | 12:14 | 0.53  | 0.05 | 0.29 |
| C89           | CHANNEL | 0.595 | 0 | 12:01 | 0.71  | 0.04 | 0.32 |
| C91           | CHANNEL | 0.638 | 0 | 12:03 | 0.50  | 0.10 | 0.45 |
| C93           | CHANNEL | 0.816 | 0 | 12:03 | 0.39  | 0.29 | 0.74 |
| C95           | CHANNEL | 0.873 | 0 | 12:07 | 0.55  | 1.33 | 0.73 |
| C96           | CHANNEL | 1.055 | 0 | 12:07 | 0.87  | 0.03 | 0.34 |
| C99           | CHANNEL | 1.143 | 0 | 12:08 | 1.26  | 0.05 | 0.34 |
| DDC01         | CONDUIT | 1.266 | 0 | 12:32 | 1.03  | 0.23 | 0.55 |
| DDC02         | CONDUIT | 1.443 | 0 | 12:31 | 0.97  | 0.27 | 0.53 |
| DDC03         | CONDUIT | 1.629 | 0 | 12:31 | 0.84  | 0.11 | 0.34 |
| DDC04         | CONDUIT | 1.684 | 0 | 12:31 | 0.85  | 0.12 | 0.35 |
| DDC05         | CONDUIT | 1.719 | 0 | 12:31 | 0.94  | 0.12 | 0.32 |
| DDC06         | CONDUIT | 1.733 | 0 | 12:32 | 1.01  | 0.09 | 0.31 |
| DDC07         | CONDUIT | 1.755 | 0 | 12:32 | 1.00  | 0.10 | 0.30 |
| DDC08         | CONDUIT | 1.755 | 0 | 12:33 | 1.00  | 0.14 | 0.37 |
| DDC09         | CONDUIT | 1.763 | 0 | 12:33 | 1.06  | 0.16 | 0.37 |
| DDC10         | CONDUIT | 1.763 | 0 | 12:33 | 1.13  | 0.15 | 0.38 |
| DDC11         | CONDUIT | 1.763 | 0 | 12:33 | 1.04  | 0.22 | 0.48 |
| DDC12         | CONDUIT | 1.769 | 0 | 12:33 | 1.46  | 0.30 | 0.49 |
| DDC13         | CONDUIT | 1.769 | 0 | 12:34 | 1.39  | 0.19 | 0.40 |
| MDC01         | CONDUIT | 0.165 | 0 | 12:00 | 0.74  | 0.03 | 0.17 |
| MDC02         | CONDUIT | 0.165 | 0 | 12:00 | 0.40  | 0.03 | 0.28 |
| MDC03_HDPE600 | CONDUIT | 0.200 | 0 | 12:00 | 1.11  | 0.12 | 0.60 |
| MDC04         | CONDUIT | 0.474 | 0 | 11:59 | 0.29  | 0.03 | 0.51 |
| MDC05_HDPE900 | CONDUIT | 0.865 | 0 | 12:00 | 1.50  | 0.35 | 0.85 |
| NDC01         | CONDUIT | 0.052 | 0 | 12:00 | 0.24  | 0.03 | 0.38 |
| NDC02         | CONDUIT | 0.154 | 0 | 12:00 | 0.40  | 0.16 | 0.70 |
| NDC03         | CONDUIT | 0.165 | 0 | 12:01 | 0.32  | 0.18 | 0.75 |
| NDC04         | CONDUIT | 0.431 | 0 | 12:00 | 0.42  | 0.33 | 0.79 |
| NDC05         | CONDUIT | 0.432 | 0 | 12:00 | 0.17  | 0.12 | 0.72 |
| NDC06         | CONDUIT | 0.629 | 0 | 12:00 | 0.42  | 0.42 | 0.77 |
| NDC07         | CONDUIT | 1.540 | 0 | 12:00 | 1.06  | 0.25 | 0.57 |
| NDC08         | CONDUIT | 0.214 | 0 | 12:00 | 0.33  | 0.02 | 0.55 |
| NDC09_HDPE600 | CONDUIT | 0.213 | 0 | 12:00 | 1.39  | 0.49 | 0.80 |
| NDC10         | CONDUIT | 0.213 | 0 | 12:00 | 0.45  | 0.05 | 0.38 |
| OFA_CC700     | CONDUIT | 0.229 | 0 | 12:18 | 1.34  | 0.27 | 0.46 |
| OFB_CC700     | CONDUIT | 0.816 | 0 | 14:33 | 2.23  | 1.17 | 0.90 |
| OFC_CC600     | CONDUIT | 0.299 | 0 | 12:21 | 1.26  | 0.91 | 0.78 |
| PD_IS_HDPE300 | CONDUIT | 0.025 | 0 | 20:53 | 0.35  | 0.13 | 1.00 |
| PDDC01        | CONDUIT | 0.025 | 0 | 20:54 | 0.31  | 0.04 | 0.23 |
| PDDC02        | CONDUIT | 0.025 | 0 | 20:55 | 0.31  | 0.04 | 0.19 |
| PDDC03        | CONDUIT | 0.025 | 0 | 20:56 | 0.32  | 0.01 | 0.13 |
| PDDC04        | CONDUIT | 0.033 | 0 | 12:00 | 0.31  | 0.00 | 0.10 |
| PDDC05        | CONDUIT | 0.063 | 0 | 12:00 | 0.32  | 0.01 | 0.13 |
| PDDC06        | CONDUIT | 0.090 | 0 | 12:00 | 0.41  | 0.10 | 0.34 |
| PDDC07        | CONDUIT | 0.191 | 0 | 12:00 | 0.70  | 0.12 | 0.44 |
| PDDC08        | CONDUIT | 0.240 | 0 | 12:00 | 0.63  | 0.12 | 0.41 |
| PDDC09        | CONDUIT | 0.281 | 0 | 12:01 | 0.87  | 0.14 | 0.37 |
| PDDC10        | CONDUIT | 0.317 | 0 | 12:01 | 0.94  | 0.07 | 0.42 |
| PUB_rd_DC01   | CHANNEL | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.15 |
| PUB_rd_DC02   | CHANNEL | 0.184 | 0 | 12:20 | 0.12  | 0.06 | 0.87 |
| PUB_rd_DC03   | CHANNEL | 0.201 | 0 | 12:24 | 0.12  | 0.01 | 0.48 |
| PUB_rd_DC04   | CHANNEL | 0.302 | 0 | 12:14 | 0.15  | 0.03 | 0.61 |
| PUB_rd_DC05   | CHANNEL | 0.206 | 0 | 12:20 | 0.03  | 0.00 | 0.90 |
| PUB_rd_DC06   | CHANNEL | 0.617 | 0 | 12:19 | 0.16  | 0.03 | 0.67 |
| PUB_rd_DC07   | CHANNEL | 0.316 | 0 | 12:11 | 0.07  | 0.01 | 0.97 |
| PUB_rd_DC08   | CHANNEL | 0.057 | 0 | 12:02 | 0.06  | 0.00 | 0.16 |
| SDC01         | CONDUIT | 0.107 | 0 | 12:00 | 0.76  | 0.01 | 0.11 |
| SDC02         | CONDUIT | 0.106 | 0 | 12:00 | 0.70  | 0.02 | 0.22 |
| SDC03         | CONDUIT | 0.181 | 0 | 12:02 | 0.14  | 0.01 | 0.51 |
| SMC14         | CHANNEL | 1.854 | 0 | 12:33 | 0.79  | 0.22 | 0.76 |
| U012001       | CHANNEL | 0.256 | 0 | 12:00 | 0.17  | 0.00 | 0.31 |
| U013002       | CHANNEL | 1.267 | 0 | 12:31 | 0.38  | 0.00 | 0.13 |
| U013003       | CHANNEL | 1.267 | 0 | 12:31 | 0.50  | 0.00 | 0.12 |
| U013004       | CHANNEL | 1.267 | 0 | 12:30 | 0.57  | 0.00 | 0.10 |
| U013006_2     | CHANNEL | 1.267 | 0 | 12:30 | 0.76  | 0.00 | 0.09 |
| U013007       | CHANNEL | 1.228 | 0 | 12:30 | 0.66  | 0.00 | 0.10 |
| U013008       | CHANNEL | 1.131 | 0 | 12:31 | 16.15 | 0.00 | 0.10 |
| U013015       | CHANNEL | 0.744 | 0 | 12:23 | 0.28  | 0.01 | 0.13 |
| U013019       | CHANNEL | 0.627 | 0 | 13:04 | 0.07  | 0.00 | 0.13 |
| U013020       | CHANNEL | 0.627 | 0 | 13:03 | 31.50 | 0.00 | 0.05 |
| U013021       | CHANNEL | 0.627 | 0 | 13:03 | 0.45  | 0.00 | 0.04 |
| U013022       | CHANNEL | 0.628 | 0 | 13:02 | 1.62  | 0.00 | 0.09 |
| U013023       | CHANNEL | 0.628 | 0 | 13:01 | 0.66  | 0.01 | 0.21 |
| U013024       | CHANNEL | 0.628 | 0 | 13:00 | 0.72  | 0.00 | 0.20 |
| U013025       | CHANNEL | 0.580 | 0 | 13:00 | 3.22  | 0.00 | 0.08 |

|         |         |       |   |       |       |      |      |
|---------|---------|-------|---|-------|-------|------|------|
| U013026 | CHANNEL | 0.581 | 0 | 12:57 | 0.49  | 0.00 | 0.07 |
| U013032 | CHANNEL | 0.527 | 0 | 12:56 | 0.28  | 0.00 | 0.08 |
| U013033 | CHANNEL | 0.529 | 0 | 12:36 | 10.52 | 0.00 | 0.08 |
| U013034 | CHANNEL | 0.432 | 0 | 12:35 | 6.87  | 0.00 | 0.06 |
| U013038 | CHANNEL | 0.289 | 0 | 12:15 | 1.38  | 0.00 | 0.07 |
| U013044 | CHANNEL | 0.284 | 0 | 12:05 | 0.09  | 0.00 | 0.08 |
| U013045 | CHANNEL | 0.166 | 0 | 12:01 | 0.09  | 0.00 | 0.08 |
| U014001 | CHANNEL | 0.302 | 0 | 12:00 | 5.31  | 0.00 | 0.09 |
| U015002 | CHANNEL | 0.222 | 0 | 12:06 | 14.50 | 0.00 | 0.07 |
| U016001 | CHANNEL | 0.176 | 0 | 12:11 | 6.57  | 0.00 | 0.06 |
| U016002 | CHANNEL | 0.279 | 0 | 12:02 | 13.76 | 0.00 | 0.06 |
| OR1     | ORIFICE | 0.025 | 0 | 20:54 |       |      | 1.00 |

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Flow Classification Summary  
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| Conduit       | Adjusted<br>/Actual<br>Length | ----- Fraction of Time in Flow Class ----- |           |             |             |             |            |              |             |               |
|---------------|-------------------------------|--------------------------------------------|-----------|-------------|-------------|-------------|------------|--------------|-------------|---------------|
|               |                               | Dry                                        | Up<br>Dry | Down<br>Dry | Sub<br>Crit | Sup<br>Crit | Up<br>Crit | Down<br>Crit | Norm<br>Ltd | Inlet<br>Ctrl |
| AR02_HDPE450  | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.44        | 0.56        | 0.00       | 0.00         | 0.00        | 0.01          |
| AR1_HDPE600   | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.30        | 0.70        | 0.00       | 0.00         | 0.00        | 0.04          |
| C10           | 1.00                          | 0.00                                       | 0.26      | 0.00        | 0.74        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C100          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.02        | 0.00          |
| C101          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.97        | 0.03        | 0.00       | 0.00         | 0.96        | 0.00          |
| C103          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C129          | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C130          | 1.00                          | 0.00                                       | 0.15      | 0.00        | 0.85        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| C131          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.93        | 0.01        | 0.00       | 0.06         | 0.18        | 0.00          |
| C132_1        | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C132_2        | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.01        | 0.00          |
| C133          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.65        | 0.00          |
| C134          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C135          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C136          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| C137          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.28        | 0.00          |
| C1450_1       | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.93        | 0.00          |
| C20           | 1.00                          | 0.00                                       | 0.30      | 0.00        | 0.70        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| C25_3         | 1.00                          | 0.00                                       | 1.00      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C26_1         | 1.00                          | 0.23                                       | 0.67      | 0.00        | 0.11        | 0.00        | 0.00       | 0.00         | 0.75        | 0.00          |
| C26_2         | 1.00                          | 0.06                                       | 0.17      | 0.00        | 0.77        | 0.00        | 0.00       | 0.00         | 0.88        | 0.00          |
| C26_5         | 1.00                          | 0.12                                       | 0.16      | 0.00        | 0.73        | 0.00        | 0.00       | 0.00         | 0.09        | 0.00          |
| C30           | 1.00                          | 1.00                                       | 0.00      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C30_3         | 1.00                          | 0.04                                       | 0.96      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C36           | 1.00                          | 0.00                                       | 0.06      | 0.00        | 0.94        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C45           | 1.00                          | 0.00                                       | 0.22      | 0.00        | 0.78        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C46_1         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.69        | 0.00          |
| C46_2         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C47           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C50           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C57           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| C60           | 1.00                          | 0.01                                       | 0.00      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.92        | 0.00          |
| C70           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.66        | 0.34        | 0.00       | 0.00         | 0.05        | 0.00          |
| C72           | 1.00                          | 0.11                                       | 0.21      | 0.00        | 0.68        | 0.00        | 0.00       | 0.00         | 0.67        | 0.00          |
| C75           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.91        | 0.00          |
| C80           | 1.00                          | 0.01                                       | 0.11      | 0.00        | 0.88        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C81           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.21        | 0.00          |
| C86           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.89        | 0.00          |
| C87           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C89           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.20        | 0.80        | 0.00       | 0.00         | 0.05        | 0.00          |
| C91           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C93           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.78        | 0.00          |
| C95           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.04        | 0.00          |
| C96           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.99        | 0.01        | 0.00       | 0.00         | 0.98        | 0.00          |
| C99           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.99        | 0.01        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC01         | 1.00                          | 0.01                                       | 0.06      | 0.00        | 0.93        | 0.00        | 0.00       | 0.00         | 0.93        | 0.00          |
| DDC02         | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.14        | 0.00          |
| DDC03         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.59        | 0.00          |
| DDC04         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| DDC05         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC06         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| DDC07         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC08         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| DDC09         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC10         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.92        | 0.00          |
| DDC11         | 1.00                          | 0.00                                       | 0.02      | 0.00        | 0.98        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| DDC12         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.40        | 0.00          |
| DDC13         | 1.00                          | 0.02                                       | 0.00      | 0.00        | 0.00        | 0.00        | 0.00       | 0.98         | 0.00        | 0.00          |
| MDC01         | 1.00                          | 0.00                                       | 0.06      | 0.00        | 0.94        | 0.00        | 0.00       | 0.00         | 0.89        | 0.00          |
| MDC02         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| MDC03_HDPE600 | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.45        | 0.55        | 0.00       | 0.00         | 0.00        | 0.71          |
| MDC04         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| MDC05_HDPE900 | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.95        | 0.05        | 0.00       | 0.00         | 0.00        | 0.96          |
| NDC01         | 1.00                          | 0.01                                       | 0.24      | 0.00        | 0.70        | 0.00        | 0.00       | 0.05         | 0.75        | 0.00          |
| NDC02         | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.69        | 0.00          |
| NDC03         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.54        | 0.00          |
| NDC04         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.18        | 0.00          |
| NDC05         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.19        | 0.00          |
| NDC06         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.21        | 0.00          |
| NDC07         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.01        | 0.00          |
| NDC08         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.24        | 0.00          |
| NDC09_HDPE600 | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.76        | 0.24        | 0.00       | 0.00         | 0.00        | 0.03          |
| NDC10         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| OFA_CC700     | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.71        | 0.29        | 0.00       | 0.00         | 0.00        | 0.42          |
| OFB_CC700     | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.98        | 0.02        | 0.00       | 0.00         | 0.00        | 0.91          |
| OFC_CC600     | 1.00                          | 0.02                                       | 0.00      | 0.00        | 0.98        | 0.01        | 0.00       | 0.00         | 0.00        | 0.29          |
| PD_IS_HDPE300 | 1.00                          | 0.00                                       | 0.02      | 0.00        | 0.95        | 0.00        | 0.03       | 0.00         | 0.00        | 0.00          |

|             |      |      |      |      |      |      |      |      |      |      |
|-------------|------|------|------|------|------|------|------|------|------|------|
| PDDC01      | 1.00 | 0.04 | 0.00 | 0.00 | 0.96 | 0.00 | 0.00 | 0.00 | 0.08 | 0.00 |
| PDDC02      | 1.00 | 0.04 | 0.00 | 0.00 | 0.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PDDC03      | 1.00 | 0.00 | 0.04 | 0.00 | 0.96 | 0.00 | 0.00 | 0.00 | 0.90 | 0.00 |
| PDDC04      | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| PDDC05      | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00 |
| PDDC06      | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 |
| PDDC07      | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| PDDC08      | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 |
| PDDC09      | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PDDC10      | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| PUB_rd_DC01 | 1.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PUB_rd_DC02 | 1.00 | 0.00 | 0.01 | 0.00 | 0.99 | 0.00 | 0.00 | 0.00 | 0.95 | 0.00 |
| PUB_rd_DC03 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.92 | 0.00 |
| PUB_rd_DC04 | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.67 | 0.00 |
| PUB_rd_DC05 | 1.00 | 0.00 | 0.26 | 0.00 | 0.74 | 0.00 | 0.00 | 0.00 | 0.58 | 0.00 |
| PUB_rd_DC06 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PUB_rd_DC07 | 1.00 | 0.00 | 0.14 | 0.00 | 0.86 | 0.00 | 0.00 | 0.00 | 0.31 | 0.00 |
| PUB_rd_DC08 | 1.00 | 0.00 | 0.57 | 0.00 | 0.43 | 0.00 | 0.00 | 0.00 | 0.75 | 0.00 |
| SDC01       | 1.00 | 0.01 | 0.13 | 0.00 | 0.86 | 0.00 | 0.00 | 0.00 | 0.89 | 0.00 |
| SDC02       | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| SDC03       | 1.00 | 0.00 | 0.09 | 0.00 | 0.91 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| SMC14       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.95 | 0.00 |
| U012001     | 1.00 | 0.00 | 0.21 | 0.00 | 0.79 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00 |
| U013002     | 1.00 | 0.06 | 0.00 | 0.00 | 0.94 | 0.00 | 0.00 | 0.00 | 0.33 | 0.00 |
| U013003     | 1.00 | 0.05 | 0.00 | 0.00 | 0.92 | 0.03 | 0.00 | 0.00 | 0.30 | 0.00 |
| U013004     | 1.00 | 0.01 | 0.00 | 0.00 | 0.98 | 0.02 | 0.00 | 0.00 | 0.91 | 0.00 |
| U013006_2   | 1.00 | 0.00 | 0.00 | 0.00 | 0.94 | 0.06 | 0.00 | 0.00 | 0.94 | 0.00 |
| U013007     | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 |
| U013008     | 1.00 | 0.00 | 0.00 | 0.00 | 0.72 | 0.28 | 0.00 | 0.00 | 0.45 | 0.00 |
| U013015     | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 |
| U013019     | 1.00 | 0.00 | 0.11 | 0.00 | 0.89 | 0.00 | 0.00 | 0.00 | 0.89 | 0.00 |
| U013020     | 1.00 | 0.08 | 0.00 | 0.00 | 0.26 | 0.66 | 0.00 | 0.00 | 0.01 | 0.00 |
| U013021     | 1.00 | 0.08 | 0.00 | 0.00 | 0.92 | 0.00 | 0.00 | 0.00 | 0.89 | 0.00 |
| U013022     | 1.00 | 0.05 | 0.00 | 0.00 | 0.56 | 0.39 | 0.00 | 0.00 | 0.01 | 0.00 |
| U013023     | 1.00 | 0.02 | 0.00 | 0.00 | 0.98 | 0.00 | 0.00 | 0.00 | 0.88 | 0.00 |
| U013024     | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.92 | 0.00 |
| U013025     | 1.00 | 0.00 | 0.04 | 0.00 | 0.93 | 0.03 | 0.00 | 0.00 | 0.49 | 0.00 |
| U013026     | 1.00 | 0.00 | 0.00 | 0.00 | 0.93 | 0.07 | 0.00 | 0.00 | 0.84 | 0.00 |
| U013032     | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.00 |
| U013033     | 1.00 | 0.00 | 0.00 | 0.00 | 0.82 | 0.18 | 0.00 | 0.00 | 0.73 | 0.00 |
| U013034     | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.30 | 0.00 |
| U013038     | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 |
| U013044     | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 |
| U013045     | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 |
| U014001     | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.26 | 0.00 |
| U015002     | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.93 | 0.00 |
| U016001     | 1.00 | 0.00 | 0.02 | 0.00 | 0.98 | 0.00 | 0.00 | 0.00 | 0.81 | 0.00 |
| U016002     | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.78 | 0.00 |

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Conduit Surcharge Summary  
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| Conduit       | ----- Hours Full ----- |          |          | Hours                  |                        |
|---------------|------------------------|----------|----------|------------------------|------------------------|
|               | Both Ends              | Upstream | Dnstream | Above Full Normal Flow | Hours Capacity Limited |
| C103          | 0.01                   | 0.65     | 0.01     | 0.01                   | 0.01                   |
| C131          | 0.01                   | 0.01     | 9.47     | 0.01                   | 0.01                   |
| C137          | 0.01                   | 0.01     | 0.01     | 0.03                   | 0.01                   |
| C20           | 0.01                   | 0.01     | 1.67     | 0.01                   | 0.01                   |
| C81           | 2.29                   | 2.29     | 2.52     | 2.16                   | 2.16                   |
| C95           | 0.01                   | 0.01     | 0.01     | 0.59                   | 0.01                   |
| OFB_CC700     | 0.01                   | 7.05     | 0.01     | 4.05                   | 0.01                   |
| PD_IS_HDPE300 | 37.16                  | 37.16    | 47.25    | 0.01                   | 0.01                   |
| PUB_rd_DC02   | 0.01                   | 0.01     | 0.49     | 0.01                   | 0.01                   |
| PUB_rd_DC05   | 0.01                   | 0.01     | 6.19     | 0.01                   | 0.01                   |
| SMC14         | 0.01                   | 0.01     | 7.17     | 0.01                   | 0.01                   |

Analysis begun on: Thu Jan 22 13:38:23 2026  
Analysis ended on: Thu Jan 22 13:38:28 2026  
Total elapsed time: 00:00:05



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

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Element Count

\*\*\*\*\*

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

\*\*\*\*\*

Raingage Summary

\*\*\*\*\*

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

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Subcatchment Summary

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| Name      | Area | Width  | %Imperv | %Slope  | Rain Gage | Outlet  |
|-----------|------|--------|---------|---------|-----------|---------|
| G009005_1 | 2.74 | 112.89 | 7.00    | 7.6470  | 2y_48mm   | J30     |
| G009005_2 | 1.57 | 209.97 | 7.00    | 3.6030  | 2y_48mm   | DDJ03   |
| G012001   | 3.05 | 152.73 | 7.00    | 6.8600  | 2y_48mm   | T012001 |
| G013006   | 0.95 | 73.90  | 7.00    | 6.1650  | 2y_48mm   | T013006 |
| G013007   | 2.35 | 142.04 | 7.00    | 7.6700  | 2y_48mm   | T013007 |
| G013012   | 1.45 | 146.91 | 7.00    | 6.9010  | 2y_48mm   | T013012 |
| G013016_1 | 1.98 | 107.13 | 7.00    | 8.0160  | 2y_48mm   | T013016 |
| G013016_2 | 1.52 | 158.50 | 7.00    | 5.9960  | 2y_48mm   | T013016 |
| G013024   | 2.21 | 201.26 | 7.00    | 7.5560  | 2y_48mm   | T013024 |
| G013031   | 2.38 | 208.79 | 7.00    | 8.2850  | 2y_48mm   | T013031 |
| G013032   | 1.68 | 172.87 | 7.00    | 9.8170  | 2y_48mm   | T013032 |
| G013033   | 2.85 | 228.75 | 7.00    | 8.4690  | 2y_48mm   | T013033 |
| G013037   | 2.18 | 256.38 | 7.00    | 9.5500  | 2y_48mm   | T013037 |
| G013042   | 1.40 | 109.31 | 7.00    | 9.0870  | 2y_48mm   | T013042 |
| G013043   | 2.05 | 276.27 | 7.00    | 10.5660 | 2y_48mm   | T013044 |
| G013045   | 1.86 | 185.18 | 7.00    | 8.5760  | 2y_48mm   | T013045 |
| G014001   | 3.34 | 162.46 | 7.00    | 8.9080  | 2y_48mm   | T014001 |
| G015001_1 | 1.28 | 124.61 | 7.00    | 7.3730  | 2y_48mm   | T015001 |
| G015001_2 | 1.25 | 75.83  | 7.00    | 4.9920  | 2y_48mm   | T015001 |
| G015003_1 | 1.59 | 125.65 | 7.00    | 8.3540  | 2y_48mm   | T015003 |
| G015003_2 | 1.22 | 145.02 | 7.00    | 8.5290  | 2y_48mm   | T015003 |
| G016003_1 | 1.02 | 83.26  | 7.00    | 9.0730  | 2y_48mm   | T016003 |
| G016003_2 | 1.65 | 89.45  | 7.00    | 9.2440  | 2y_48mm   | T016003 |
| S1        | 0.42 | 140.90 | 7.00    | 2.0000  | 2y_48mm   | DDJ06   |
| S1_1      | 0.15 | 44.75  | 7.00    | 2.0000  | 2y_48mm   | PDDJ09  |
| S1_10     | 0.08 | 30.92  | 7.00    | 2.0000  | 2y_48mm   | PDDJ08  |
| S1_2      | 0.21 | 62.76  | 7.00    | 8.4310  | 2y_48mm   | PDDJ10  |
| S1_3      | 0.73 | 78.61  | 7.00    | 2.2500  | 2y_48mm   | J68     |
| S1_4      | 0.47 | 54.00  | 7.00    | 2.0000  | 2y_48mm   | J67     |
| S1_5      | 0.32 | 62.94  | 7.00    | 2.5000  | 2y_48mm   | J69     |
| S1_6      | 0.25 | 23.15  | 7.00    | 11.0340 | 2y_48mm   | J65     |
| S1_7      | 0.44 | 70.98  | 7.00    | 2.5000  | 2y_48mm   | 25025   |
| S1_8      | 0.23 | 25.99  | 7.00    | 2.0000  | 2y_48mm   | J66     |
| S10       | 0.83 | 166.64 | 7.00    | 8.5600  | 2y_48mm   | J274    |
| S101_2    | 1.02 | 114.99 | 7.00    | 5.3410  | 2y_48mm   | DDJ04   |
| S102      | 0.87 | 76.43  | 7.00    | 9.2800  | 2y_48mm   | DDJ05   |
| S11       | 1.12 | 99.21  | 7.00    | 5.6280  | 2y_48mm   | J8      |
| S112      | 0.51 | 72.89  | 7.00    | 7.1560  | 2y_48mm   | J253    |
| S113      | 0.62 | 92.70  | 7.00    | 6.1840  | 2y_48mm   | J253    |
| S115_2    | 0.01 | 0.90   | 80.00   | 9.1880  | 2y_48mm   | J30     |
| S130      | 0.62 | 87.35  | 7.00    | 10.8400 | 2y_48mm   | J160    |
| S132      | 1.19 | 88.41  | 7.00    | 9.3970  | 2y_48mm   | J152    |
| S137      | 2.16 | 101.18 | 7.00    | 9.3820  | 2y_48mm   | J160    |
| S15_4     | 0.19 | 62.33  | 7.00    | 6.7670  | 2y_48mm   | DDJ14   |
| S16       | 0.61 | 65.66  | 7.00    | 11.2500 | 2y_48mm   | J14     |
| S18       | 0.54 | 86.45  | 7.00    | 8.2240  | 2y_48mm   | J17     |
| S19       | 0.58 | 83.01  | 7.00    | 9.3820  | 2y_48mm   | J17     |
| S2        | 0.42 | 139.80 | 7.00    | 2.0000  | 2y_48mm   | DDJ04   |
| S2_13     | 0.02 | 53.25  | 80.00   | 2.0000  | 2y_48mm   | S2_16   |
| S2_14     | 0.03 | 67.50  | 80.00   | 2.0000  | 2y_48mm   | S2_16   |
| S2_15     | 0.21 | 37.14  | 7.00    | 1.0000  | 2y_48mm   | J62     |
| S2_16     | 0.56 | 59.43  | 7.00    | 8.9160  | 2y_48mm   | J71     |
| S2_18     | 0.15 | 61.44  | 7.00    | 12.0000 | 2y_48mm   | PDDJ06  |
| S2_19     | 0.07 | 60.26  | 7.00    | 5.5370  | 2y_48mm   | PDDJ04  |
| S2_20     | 0.17 | 94.07  | 7.00    | 5.0310  | 2y_48mm   | PDDJ05  |
| S2_22     | 0.07 | 5.51   | 7.00    | 3.1210  | 2y_48mm   | J26     |
| S2_23     | 0.32 | 56.49  | 7.00    | 3.6000  | 2y_48mm   | J34     |
| S2_24     | 0.04 | 2.68   | 7.00    | 3.2280  | 2y_48mm   | J60     |
| S2_25     | 0.04 | 2.76   | 7.00    | 6.8230  | 2y_48mm   | J59     |
| S2_26     | 0.03 | 2.02   | 7.00    | 2.5570  | 2y_48mm   | J61     |
| S2_30     | 0.03 | 74.75  | 80.00   | 2.0000  | 2y_48mm   | S2_16   |
| S2_31     | 0.02 | 43.50  | 80.00   | 2.0000  | 2y_48mm   | S2_16   |
| S2_32     | 0.03 | 62.75  | 80.00   | 2.0000  | 2y_48mm   | J46     |
| S2_34     | 0.02 | 58.00  | 80.00   | 2.0000  | 2y_48mm   | J60     |
| S2_35     | 0.02 | 61.00  | 80.00   | 2.0000  | 2y_48mm   | J58     |

|        |      |        |        |         |         |        |
|--------|------|--------|--------|---------|---------|--------|
| S2_36  | 0.04 | 101.75 | 80.00  | 10.8580 | 2y_48mm | J68    |
| S2_37  | 0.02 | 57.50  | 80.00  | 2.0000  | 2y_48mm | 25025  |
| S2_38  | 0.03 | 73.75  | 80.00  | 2.0000  | 2y_48mm | J69    |
| S2_39  | 0.03 | 86.50  | 80.00  | 2.0000  | 2y_48mm | J67    |
| S2_4   | 0.02 | 1.80   | 80.00  | 2.0000  | 2y_48mm | J58    |
| S2_40  | 0.02 | 46.50  | 80.00  | 2.0000  | 2y_48mm | J59    |
| S2_41  | 0.02 | 39.25  | 80.00  | 2.0000  | 2y_48mm | J61    |
| S20_1  | 0.60 | 53.34  | 100.00 | 4.7900  | 2y_48mm | J56    |
| S20_10 | 0.59 | 52.76  | 100.00 | 4.7900  | 2y_48mm | J47    |
| S20_11 | 0.72 | 64.74  | 100.00 | 4.7900  | 2y_48mm | J51    |
| S20_12 | 0.04 | 3.32   | 80.00  | 2.0000  | 2y_48mm | J63    |
| S20_13 | 0.79 | 70.89  | 100.00 | 4.7900  | 2y_48mm | J94    |
| S20_2  | 0.12 | 11.11  | 80.00  | 4.7900  | 2y_48mm | J50    |
| S20_3  | 1.02 | 90.71  | 100.00 | 4.7900  | 2y_48mm | SU1    |
| S20_6  | 0.11 | 9.56   | 80.00  | 4.7900  | 2y_48mm | J54    |
| S20_7  | 0.15 | 13.75  | 100.00 | 4.7900  | 2y_48mm | J39    |
| S20_8  | 0.77 | 68.93  | 100.00 | 4.7900  | 2y_48mm | J55    |
| S20_9  | 0.61 | 54.20  | 100.00 | 4.7900  | 2y_48mm | J48    |
| S22_4  | 0.03 | 6.99   | 80.00  | 4.0500  | 2y_48mm | J88    |
| S22_5  | 0.05 | 9.73   | 80.00  | 4.0500  | 2y_48mm | J29    |
| S23    | 2.50 | 130.11 | 7.00   | 6.3060  | 2y_48mm | J43    |
| S25    | 1.22 | 88.61  | 7.00   | 7.0290  | 2y_48mm | J33    |
| S29    | 0.54 | 76.64  | 7.00   | 6.0420  | 2y_48mm | J43    |
| S3     | 1.32 | 84.06  | 7.00   | 4.7850  | 2y_48mm | OF-EX  |
| S33    | 1.35 | 98.82  | 7.00   | 6.6690  | 2y_48mm | J35    |
| S34    | 1.52 | 145.82 | 7.00   | 10.8830 | 2y_48mm | 16130  |
| S36    | 1.40 | 164.77 | 7.00   | 7.1970  | 2y_48mm | J33    |
| S37_2  | 1.28 | 119.80 | 7.00   | 6.5590  | 2y_48mm | 16017  |
| S4     | 0.14 | 22.22  | 7.00   | 6.8700  | 2y_48mm | OF-EX  |
| S44_3  | 0.66 | 108.33 | 7.00   | 5.0580  | 2y_48mm | DDJ14  |
| S45    | 0.45 | 124.15 | 7.00   | 7.1480  | 2y_48mm | J276   |
| S48_1  | 1.26 | 126.59 | 7.00   | 5.5230  | 2y_48mm | J53    |
| S5     | 2.67 | 266.72 | 7.00   | 11.3200 | 2y_48mm | J5     |
| S51    | 1.46 | 121.71 | 7.00   | 4.9010  | 2y_48mm | J64    |
| S54    | 0.63 | 155.42 | 7.00   | 3.5050  | 2y_48mm | J64    |
| S56_1  | 0.29 | 114.84 | 7.00   | 10.3720 | 2y_48mm | PDDJ07 |
| S6     | 0.80 | 79.72  | 7.00   | 11.8730 | 2y_48mm | S3     |
| S61    | 0.78 | 60.77  | 7.00   | 3.6030  | 2y_48mm | J80    |
| S63_2  | 0.33 | 109.50 | 7.00   | 2.0000  | 2y_48mm | DDJ07  |
| S63_3  | 0.39 | 128.43 | 7.00   | 4.7660  | 2y_48mm | DDJ07  |
| S65    | 0.93 | 56.61  | 7.00   | 3.5920  | 2y_48mm | J92    |
| S69    | 1.27 | 82.51  | 7.00   | 5.3450  | 2y_48mm | J101   |
| S7     | 0.49 | 48.42  | 80.00  | 4.8080  | 2y_48mm | J52    |
| S76_3  | 0.78 | 112.40 | 7.00   | 5.1360  | 2y_48mm | J259   |
| S77    | 0.50 | 64.02  | 7.00   | 5.3700  | 2y_48mm | J259   |
| S8     | 0.32 | 29.77  | 80.00  | 4.7290  | 2y_48mm | J49    |
| S80_3  | 0.03 | 4.55   | 80.00  | 2.0000  | 2y_48mm | J34    |
| S88_2  | 1.01 | 77.93  | 7.00   | 8.2360  | 2y_48mm | J3     |
| S88_3  | 0.06 | 5.56   | 80.00  | 7.4640  | 2y_48mm | J32    |
| S9_1   | 0.36 | 120.00 | 7.00   | 7.4830  | 2y_48mm | DDJ14  |
| S9_10  | 0.03 | 74.00  | 80.00  | 2.0000  | 2y_48mm | S9_4   |
| S9_2   | 0.20 | 65.77  | 7.00   | 2.0000  | 2y_48mm | DDJ12  |
| S9_3   | 0.25 | 83.30  | 7.00   | 2.0000  | 2y_48mm | DDJ09  |
| S9_4   | 0.15 | 51.47  | 7.00   | 12.1330 | 2y_48mm | PDDJ08 |
| S9_5   | 0.28 | 54.53  | 7.00   | 10.0000 | 2y_48mm | PDDJ07 |
| S9_6   | 0.25 | 20.08  | 7.00   | 8.9110  | 2y_48mm | 25010  |
| S9_7   | 0.14 | 45.27  | 7.00   | 0.2500  | 2y_48mm | PDDJ09 |
| S9_8   | 0.03 | 78.00  | 80.00  | 2.0000  | 2y_48mm | S9_7   |
| S9_9   | 0.04 | 91.25  | 80.00  | 2.0000  | 2y_48mm | S9_6   |
| S90    | 0.53 | 59.02  | 7.00   | 4.3430  | 2y_48mm | J117   |
| S91_1  | 0.05 | 5.23   | 80.00  | 5.3300  | 2y_48mm | J31    |
| S91_2  | 0.24 | 56.73  | 7.00   | 10.1680 | 2y_48mm | J31    |
| S92    | 0.67 | 57.07  | 7.00   | 10.2410 | 2y_48mm | J117   |

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Node Summary  
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| Name  | Type     | Invert Elev. | Max. Depth | Ponded Area | External Inflow |
|-------|----------|--------------|------------|-------------|-----------------|
| 16017 | JUNCTION | 93.42        | 2.50       | 0.0         |                 |
| 16094 | JUNCTION | 92.18        | 1.82       | 0.0         |                 |
| 16130 | JUNCTION | 93.42        | 2.00       | 0.0         |                 |
| 25010 | JUNCTION | 94.40        | 3.00       | 0.0         |                 |
| 25025 | JUNCTION | 94.64        | 3.00       | 0.0         |                 |
| 26419 | JUNCTION | 94.00        | 1.22       | 0.0         |                 |
| 26456 | JUNCTION | 94.23        | 0.96       | 0.0         |                 |
| 26578 | JUNCTION | 95.36        | 3.00       | 0.0         |                 |
| DDJ01 | JUNCTION | 100.38       | 3.00       | 0.0         |                 |
| DDJ02 | JUNCTION | 100.03       | 0.94       | 0.0         |                 |
| DDJ03 | JUNCTION | 99.92        | 1.34       | 0.0         |                 |
| DDJ04 | JUNCTION | 99.69        | 1.35       | 0.0         |                 |
| DDJ05 | JUNCTION | 99.38        | 1.63       | 0.0         |                 |
| DDJ06 | JUNCTION | 99.22        | 1.78       | 0.0         |                 |
| DDJ07 | JUNCTION | 98.38        | 1.36       | 0.0         |                 |
| DDJ08 | JUNCTION | 98.02        | 1.41       | 0.0         |                 |
| DDJ09 | JUNCTION | 97.85        | 1.13       | 0.0         |                 |
| DDJ10 | JUNCTION | 97.69        | 1.08       | 0.0         |                 |
| DDJ11 | JUNCTION | 97.46        | 1.01       | 0.0         |                 |
| DDJ12 | JUNCTION | 97.28        | 0.94       | 0.0         |                 |
| DDJ13 | JUNCTION | 97.04        | 0.83       | 0.0         |                 |
| DDJ14 | JUNCTION | 96.27        | 2.31       | 0.0         |                 |
| J101  | JUNCTION | 99.06        | 1.00       | 0.0         |                 |
| J117  | JUNCTION | 100.45       | 1.00       | 0.0         |                 |
| J14   | JUNCTION | 92.06        | 1.50       | 0.0         |                 |
| J152  | JUNCTION | 102.59       | 1.00       | 0.0         |                 |
| J160  | JUNCTION | 103.54       | 1.00       | 0.0         |                 |
| J17   | JUNCTION | 92.73        | 1.50       | 0.0         |                 |
| J2    | JUNCTION | 93.50        | 1.25       | 0.0         |                 |
| J24   | JUNCTION | 96.89        | 0.30       | 0.0         |                 |
| J253  | JUNCTION | 102.19       | 1.00       | 0.0         |                 |
| J259  | JUNCTION | 99.32        | 1.00       | 0.0         |                 |

|         |          |        |      |     |
|---------|----------|--------|------|-----|
| J26     | JUNCTION | 97.92  | 0.56 | 0.0 |
| J274    | JUNCTION | 91.38  | 1.00 | 0.0 |
| J276    | JUNCTION | 96.26  | 1.00 | 0.0 |
| J28     | JUNCTION | 100.32 | 0.69 | 0.0 |
| J29     | JUNCTION | 101.05 | 0.61 | 0.0 |
| J3      | JUNCTION | 102.30 | 0.44 | 0.0 |
| J30     | JUNCTION | 101.31 | 0.76 | 0.0 |
| J31     | JUNCTION | 101.81 | 0.74 | 0.0 |
| J32     | JUNCTION | 102.07 | 0.57 | 0.0 |
| J33     | JUNCTION | 94.89  | 1.00 | 0.0 |
| J34     | JUNCTION | 102.50 | 3.00 | 0.0 |
| J35     | JUNCTION | 94.77  | 1.00 | 0.0 |
| J36     | JUNCTION | 94.52  | 1.43 | 0.0 |
| J38     | JUNCTION | 96.70  | 1.90 | 0.0 |
| J39     | JUNCTION | 97.52  | 1.25 | 0.0 |
| J43     | JUNCTION | 94.81  | 1.00 | 0.0 |
| J46     | JUNCTION | 98.24  | 0.83 | 0.0 |
| J47     | JUNCTION | 97.20  | 1.26 | 0.0 |
| J48     | JUNCTION | 98.28  | 0.82 | 0.0 |
| J49     | JUNCTION | 101.00 | 1.00 | 0.0 |
| J5      | JUNCTION | 91.80  | 3.00 | 0.0 |
| J50     | JUNCTION | 98.83  | 1.17 | 0.0 |
| J51     | JUNCTION | 98.30  | 1.57 | 0.0 |
| J52     | JUNCTION | 100.00 | 1.00 | 0.0 |
| J53     | JUNCTION | 97.11  | 0.42 | 0.0 |
| J54     | JUNCTION | 99.09  | 1.26 | 0.0 |
| J55     | JUNCTION | 98.63  | 1.37 | 0.0 |
| J56     | JUNCTION | 97.60  | 0.94 | 0.0 |
| J58     | JUNCTION | 99.58  | 1.21 | 0.0 |
| J59     | JUNCTION | 99.10  | 1.11 | 0.0 |
| J60     | JUNCTION | 98.51  | 0.81 | 0.0 |
| J61     | JUNCTION | 98.31  | 0.78 | 0.0 |
| J62     | JUNCTION | 102.00 | 1.38 | 0.0 |
| J63     | JUNCTION | 99.60  | 3.85 | 0.0 |
| J64     | JUNCTION | 97.50  | 1.00 | 0.0 |
| J65     | JUNCTION | 99.15  | 1.13 | 0.0 |
| J66     | JUNCTION | 98.40  | 1.10 | 0.0 |
| J67     | JUNCTION | 96.00  | 2.00 | 0.0 |
| J68     | JUNCTION | 94.86  | 2.14 | 0.0 |
| J69     | JUNCTION | 94.64  | 2.36 | 0.0 |
| J70     | JUNCTION | 99.46  | 1.16 | 0.0 |
| J71     | JUNCTION | 98.00  | 0.47 | 0.0 |
| J72     | JUNCTION | 97.56  | 1.40 | 0.0 |
| J73     | JUNCTION | 99.79  | 1.00 | 0.0 |
| J8      | JUNCTION | 90.51  | 1.00 | 0.0 |
| J80     | JUNCTION | 98.08  | 1.00 | 0.0 |
| J87     | JUNCTION | 99.98  | 1.07 | 0.0 |
| J88     | JUNCTION | 101.60 | 0.85 | 0.0 |
| J89     | JUNCTION | 97.65  | 0.85 | 0.0 |
| J9      | JUNCTION | 97.63  | 1.37 | 0.0 |
| J90     | JUNCTION | 102.50 | 0.30 | 0.0 |
| J92     | JUNCTION | 98.28  | 1.00 | 0.0 |
| J93     | JUNCTION | 99.20  | 1.97 | 0.0 |
| J94     | JUNCTION | 97.82  | 0.66 | 0.0 |
| PDDJ01  | JUNCTION | 96.67  | 0.49 | 0.0 |
| PDDJ02  | JUNCTION | 96.64  | 0.69 | 0.0 |
| PDDJ03  | JUNCTION | 96.61  | 0.99 | 0.0 |
| PDDJ04  | JUNCTION | 96.52  | 1.84 | 0.0 |
| PDDJ05  | JUNCTION | 96.30  | 2.90 | 0.0 |
| PDDJ06  | JUNCTION | 96.18  | 2.87 | 0.0 |
| PDDJ07  | JUNCTION | 96.05  | 0.68 | 0.0 |
| PDDJ08  | JUNCTION | 95.50  | 0.87 | 0.0 |
| PDDJ09  | JUNCTION | 95.29  | 1.05 | 0.0 |
| PDDJ10  | JUNCTION | 95.15  | 1.22 | 0.0 |
| PDDJ11  | JUNCTION | 94.30  | 0.97 | 0.0 |
| T009007 | JUNCTION | 100.64 | 0.00 | 0.0 |
| T012001 | JUNCTION | 101.00 | 0.81 | 0.0 |
| T013002 | JUNCTION | 100.64 | 2.11 | 0.0 |
| T013003 | JUNCTION | 100.81 | 1.83 | 0.0 |
| T013006 | JUNCTION | 101.35 | 1.62 | 0.0 |
| T013007 | JUNCTION | 101.66 | 1.78 | 0.0 |
| T013012 | JUNCTION | 103.47 | 1.78 | 0.0 |
| T013016 | JUNCTION | 103.45 | 1.78 | 0.0 |
| T013019 | JUNCTION | 104.45 | 2.28 | 0.0 |
| T013020 | JUNCTION | 104.78 | 2.80 | 0.0 |
| T013021 | JUNCTION | 105.12 | 2.80 | 0.0 |
| T013022 | JUNCTION | 105.45 | 1.81 | 0.0 |
| T013023 | JUNCTION | 105.79 | 0.97 | 0.0 |
| T013024 | JUNCTION | 106.12 | 1.96 | 0.0 |
| T013025 | JUNCTION | 106.29 | 1.96 | 0.0 |
| T013031 | JUNCTION | 107.32 | 1.76 | 0.0 |
| T013032 | JUNCTION | 107.71 | 1.76 | 0.0 |
| T013033 | JUNCTION | 108.26 | 1.76 | 0.0 |
| T013037 | JUNCTION | 108.54 | 1.76 | 0.0 |
| T013042 | JUNCTION | 108.52 | 1.76 | 0.0 |
| T013044 | JUNCTION | 108.53 | 1.69 | 0.0 |
| T013045 | JUNCTION | 108.54 | 1.69 | 0.0 |
| T014001 | JUNCTION | 103.48 | 1.78 | 0.0 |
| T015001 | JUNCTION | 104.54 | 1.35 | 0.0 |
| T015003 | JUNCTION | 106.14 | 1.35 | 0.0 |
| T016001 | JUNCTION | 108.62 | 1.76 | 0.0 |
| T016003 | JUNCTION | 108.77 | 1.55 | 0.0 |
| T043003 | JUNCTION | 101.17 | 1.83 | 0.0 |
| OF-A    | OUTFALL  | 91.50  | 0.70 | 0.0 |
| OF-B    | OUTFALL  | 93.30  | 0.70 | 0.0 |
| OF-C    | OUTFALL  | 94.15  | 0.60 | 0.0 |
| OF-EX   | OUTFALL  | 89.62  | 0.36 | 0.0 |
| SU1     | STORAGE  | 95.50  | 3.00 | 0.0 |

| Name          | From Node | To Node | Type    | Length | %Slope  | Roughness |
|---------------|-----------|---------|---------|--------|---------|-----------|
| AR02_HDPE450  | J61       | J46     | CONDUIT | 15.0   | 0.4681  | 0.0100    |
| AR1_HDPE600   | 25025     | J36     | CONDUIT | 17.3   | 0.6747  | 0.0120    |
| C10           | J152      | J253    | CONDUIT | 84.4   | 0.4739  | 0.0350    |
| C100          | J14       | J274    | CONDUIT | 51.1   | 1.3304  | 0.0350    |
| C101          | J274      | J8      | CONDUIT | 24.2   | 3.6035  | 0.0350    |
| C103          | J8        | OF-EX   | CONDUIT | 143.4  | 0.6208  | 0.0350    |
| C129          | J60       | J61     | CONDUIT | 36.5   | 0.5557  | 0.0350    |
| C130          | J62       | J63     | CONDUIT | 31.7   | 7.6034  | 0.0680    |
| C131          | J47       | SU1     | CONDUIT | 8.0    | 5.1568  | 0.0350    |
| C132_1        | J63       | J93     | CONDUIT | 25.2   | 1.5869  | 0.0680    |
| C132_2        | J93       | J65     | CONDUIT | 12.9   | 0.3881  | 0.0680    |
| C133          | J65       | J66     | CONDUIT | 33.3   | 2.2498  | 0.0680    |
| C134          | J66       | J67     | CONDUIT | 66.2   | 3.6274  | 0.0680    |
| C135          | J67       | J68     | CONDUIT | 56.6   | 2.0177  | 0.0680    |
| C136          | J68       | J69     | CONDUIT | 54.0   | 0.4059  | 0.0680    |
| C137          | J69       | 25025   | CONDUIT | 34.0   | 0.0088  | 0.0680    |
| C1450_1       | T015001   | T013012 | CONDUIT | 198.3  | 0.5395  | 0.0350    |
| C20           | J53       | DDJ14   | CONDUIT | 89.6   | 0.9375  | 0.0350    |
| C25_3         | J73       | J259    | CONDUIT | 57.6   | 0.8094  | 0.0350    |
| C26_1         | J90       | J3      | CONDUIT | 28.0   | 0.7217  | 0.0680    |
| C26_2         | J3        | J32     | CONDUIT | 31.4   | 0.7197  | 0.0680    |
| C26_5         | J34       | J62     | CONDUIT | 37.1   | 1.3490  | 0.0600    |
| C30           | J38       | J24     | CONDUIT | 6.1    | 22.0074 | 0.0650    |
| C30_3         | J24       | PDDJ02  | CONDUIT | 7.3    | 3.3678  | 0.0650    |
| C36           | J32       | J31     | CONDUIT | 34.6   | 0.7581  | 0.0680    |
| C45           | J160      | J253    | CONDUIT | 132.0  | 1.0225  | 0.0350    |
| C46_1         | J31       | J88     | CONDUIT | 33.7   | 0.6313  | 0.0680    |
| C46_2         | J88       | J30     | CONDUIT | 38.7   | 0.7461  | 0.0680    |
| C47           | J30       | J29     | CONDUIT | 36.1   | 0.7142  | 0.0680    |
| C50           | J29       | J28     | CONDUIT | 78.0   | 0.9316  | 0.0680    |
| C57           | J253      | J117    | CONDUIT | 158.9  | 1.0950  | 0.0350    |
| C60           | J28       | DDJ02   | CONDUIT | 26.0   | 1.1304  | 0.0680    |
| C70           | J117      | J259    | CONDUIT | 111.5  | 1.0136  | 0.0350    |
| C72           | J58       | J59     | CONDUIT | 25.5   | 1.8684  | 0.0350    |
| C75           | J259      | J101    | CONDUIT | 45.7   | 0.5694  | 0.0350    |
| C80           | J59       | J60     | CONDUIT | 28.5   | 2.0776  | 0.0350    |
| C81           | J101      | J92     | CONDUIT | 79.2   | 0.9847  | 0.0350    |
| C86           | J92       | J80     | CONDUIT | 38.0   | 0.5257  | 0.0350    |
| C87           | J80       | J64     | CONDUIT | 60.7   | 0.9559  | 0.0350    |
| C89           | J64       | J276    | CONDUIT | 56.3   | 2.2037  | 0.0350    |
| C91           | J276      | J33     | CONDUIT | 154.1  | 0.8892  | 0.0350    |
| C93           | J33       | J35     | CONDUIT | 44.1   | 0.2719  | 0.0350    |
| C95           | J35       | J43     | CONDUIT | 103.2  | -0.0388 | 0.0350    |
| C96           | J43       | J17     | CONDUIT | 109.8  | 1.8944  | 0.0350    |
| C99           | J17       | J14     | CONDUIT | 56.1   | 1.1939  | 0.0350    |
| DDC01         | DDJ01     | DDJ02   | CONDUIT | 28.0   | 1.2461  | 0.0350    |
| DDC02         | DDJ02     | DDJ03   | CONDUIT | 19.4   | 0.5767  | 0.0350    |
| DDC03         | DDJ03     | DDJ04   | CONDUIT | 61.9   | 0.3717  | 0.0350    |
| DDC04         | DDJ04     | DDJ05   | CONDUIT | 77.9   | 0.3903  | 0.0350    |
| DDC05         | DDJ05     | DDJ06   | CONDUIT | 42.2   | 0.3837  | 0.0350    |
| DDC06         | DDJ06     | DDJ07   | CONDUIT | 127.6  | 0.6625  | 0.0350    |
| DDC07         | DDJ07     | DDJ08   | CONDUIT | 62.8   | 0.5602  | 0.0350    |
| DDC08         | DDJ08     | DDJ09   | CONDUIT | 28.0   | 0.6074  | 0.0350    |
| DDC09         | DDJ09     | DDJ10   | CONDUIT | 30.4   | 0.5425  | 0.0350    |
| DDC10         | DDJ10     | DDJ11   | CONDUIT | 26.8   | 0.8441  | 0.0350    |
| DDC11         | DDJ11     | DDJ12   | CONDUIT | 23.8   | 0.7828  | 0.0350    |
| DDC12         | DDJ12     | DDJ13   | CONDUIT | 24.8   | 0.9636  | 0.0350    |
| DDC13         | DDJ13     | DDJ14   | CONDUIT | 48.9   | 1.2055  | 0.0350    |
| MDC01         | J52       | J70     | CONDUIT | 30.4   | 1.7706  | 0.0450    |
| MDC02         | J70       | J54     | CONDUIT | 21.7   | 1.7065  | 0.0450    |
| MDC03_HDPE600 | J54       | J55     | CONDUIT | 22.2   | 2.0628  | 0.0120    |
| MDC04         | J55       | J51     | CONDUIT | 14.2   | 2.3445  | 0.0450    |
| MDC05_HDPE900 | J51       | J39     | CONDUIT | 50.2   | 1.5543  | 0.0120    |
| NDC01         | J46       | J71     | CONDUIT | 8.4    | 2.8347  | 0.0350    |
| NDC02         | J71       | J26     | CONDUIT | 13.0   | 0.6634  | 0.0350    |
| NDC03         | J26       | J94     | CONDUIT | 18.8   | 0.5118  | 0.0450    |
| NDC04         | J94       | J89     | CONDUIT | 33.2   | 0.5153  | 0.0450    |
| NDC05         | J89       | J56     | CONDUIT | 14.8   | 0.3371  | 0.0450    |
| NDC06         | J56       | J39     | CONDUIT | 34.5   | 0.2319  | 0.0450    |
| NDC07         | J39       | J47     | CONDUIT | 43.9   | 0.7216  | 0.0450    |
| NDC08         | J72       | J47     | CONDUIT | 15.8   | 2.2581  | 0.0450    |
| NDC09_HDPE600 | J9        | J72     | CONDUIT | 15.8   | 0.4239  | 0.0120    |
| NDC10         | J48       | J9      | CONDUIT | 30.4   | 2.1489  | 0.0450    |
| OFA_CC700     | J5        | OF-A    | CONDUIT | 24.5   | 1.2269  | 0.0160    |
| OFB_CC700     | 16130     | OF-B    | CONDUIT | 14.1   | 0.8597  | 0.0160    |
| OF_C_C600     | 26456     | OF-C    | CONDUIT | 18.5   | 0.4320  | 0.0160    |
| PD_IS_HDPE300 | SU1       | J38     | CONDUIT | 10.0   | -8.0358 | 0.0190    |
| PDDC01        | PDDJ01    | PDDJ02  | CONDUIT | 6.2    | 0.4063  | 0.0350    |
| PDDC02        | PDDJ02    | PDDJ03  | CONDUIT | 11.6   | 0.3108  | 0.0350    |
| PDDC03        | PDDJ03    | PDDJ04  | CONDUIT | 23.5   | 0.3739  | 0.0350    |
| PDDC04        | PDDJ04    | PDDJ05  | CONDUIT | 61.2   | 0.3610  | 0.0350    |
| PDDC05        | PDDJ05    | PDDJ06  | CONDUIT | 40.2   | 0.2960  | 0.0350    |
| PDDC06        | PDDJ06    | PDDJ07  | CONDUIT | 54.3   | 0.2411  | 0.0350    |
| PDDC07        | PDDJ07    | PDDJ08  | CONDUIT | 38.4   | 1.4338  | 0.0350    |
| PDDC08        | PDDJ08    | PDDJ09  | CONDUIT | 38.2   | 0.5552  | 0.0350    |
| PDDC09        | PDDJ09    | PDDJ10  | CONDUIT | 25.3   | 0.5379  | 0.0350    |
| PDDC10        | PDDJ10    | PDDJ11  | CONDUIT | 32.9   | 2.5936  | 0.0350    |
| PUB_rd_DC01   | 26578     | 25025   | CONDUIT | 78.4   | 0.9229  | 0.0350    |
| PUB_rd_DC02   | J36       | 25010   | CONDUIT | 21.2   | 0.5671  | 0.0350    |
| PUB_rd_DC03   | 25010     | PDDJ11  | CONDUIT | 20.0   | 0.5005  | 0.0350    |
| PUB_rd_DC04   | PDDJ11    | 26456   | CONDUIT | 24.8   | 0.2823  | 0.0350    |
| PUB_rd_DC05   | 26419     | 16017   | CONDUIT | 46.7   | 1.2295  | 0.0350    |
| PUB_rd_DC06   | 16017     | 16130   | CONDUIT | 71.4   | 0.0056  | 0.0350    |
| PUB_rd_DC07   | J2        | 16130   | CONDUIT | 79.3   | 0.0996  | 0.0350    |
| PUB_rd_DC08   | 16094     | J5      | CONDUIT | 134.3  | 0.2800  | 0.0350    |
| SDC01         | J49       | J87     | CONDUIT | 33.1   | 3.0879  | 0.0450    |
| SDC02         | J87       | J50     | CONDUIT | 46.3   | 2.4850  | 0.0450    |
| SDC03         | J50       | J51     | CONDUIT | 17.9   | 2.9541  | 0.0450    |
| SMC14         | DDJ14     | 16130   | CONDUIT | 259.5  | 1.0978  | 0.0350    |
| U012001       | T012001   | DDJ03   | CONDUIT | 65.5   | 1.6540  | 0.0350    |
| U013002       | T013002   | DDJ01   | CONDUIT | 33.8   | 0.7672  | 0.0350    |

|           |         |         |         |       |         |        |
|-----------|---------|---------|---------|-------|---------|--------|
| U013003   | T013003 | T013002 | CONDUIT | 22.4  | 0.7941  | 0.0350 |
| U013004   | T043003 | T013003 | CONDUIT | 43.7  | 0.8177  | 0.0350 |
| U013006_2 | T013006 | T043003 | CONDUIT | 5.7   | 3.1238  | 0.0350 |
| U013007   | T013007 | T013006 | CONDUIT | 36.6  | 0.8478  | 0.0350 |
| U013008   | T013012 | T013007 | CONDUIT | 125.0 | 1.4481  | 0.0350 |
| U013015   | T013016 | T013012 | CONDUIT | 57.1  | -0.0350 | 0.0350 |
| U013019   | T013019 | T013016 | CONDUIT | 28.3  | 3.5419  | 0.0350 |
| U013020   | T013020 | T013019 | CONDUIT | 23.0  | 1.4552  | 0.0350 |
| U013021   | T013021 | T013020 | CONDUIT | 23.2  | 1.4391  | 0.0350 |
| U013022   | T013022 | T013021 | CONDUIT | 53.4  | 0.6253  | 0.0350 |
| U013023   | T013023 | T013022 | CONDUIT | 42.9  | 0.7765  | 0.0350 |
| U013024   | T013024 | T013023 | CONDUIT | 28.5  | 1.1722  | 0.0350 |
| U013025   | T013025 | T013024 | CONDUIT | 94.1  | 0.1817  | 0.0350 |
| U013026   | T013031 | T013025 | CONDUIT | 95.9  | 1.0726  | 0.0350 |
| U013032   | T013032 | T013031 | CONDUIT | 140.8 | 0.2771  | 0.0350 |
| U013033   | T013033 | T013032 | CONDUIT | 117.1 | 0.4695  | 0.0350 |
| U013034   | T013037 | T013033 | CONDUIT | 154.0 | 0.1818  | 0.0350 |
| U013038   | T013042 | T013037 | CONDUIT | 63.3  | -0.0316 | 0.0350 |
| U013044   | T013044 | T013042 | CONDUIT | 91.4  | 0.0109  | 0.0350 |
| U013045   | T013045 | T013044 | CONDUIT | 49.4  | 0.0202  | 0.0350 |
| U014001   | T014001 | T013012 | CONDUIT | 20.8  | 0.0482  | 0.0350 |
| U015002   | T015003 | T015001 | CONDUIT | 278.1 | 0.5752  | 0.0350 |
| U016001   | T016001 | T013037 | CONDUIT | 114.9 | 0.0670  | 0.0350 |
| U016002   | T016003 | T016001 | CONDUIT | 52.3  | 0.2928  | 0.0350 |
| OR1       | J38     | PDDJ01  | ORIFICE |       |         |        |

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Cross Section Summary  
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| Conduit       | Shape       | Full<br>Depth | Full<br>Area | Hyd.<br>Rad. | Max.<br>Width | No. of<br>Barrels | Full<br>Flow |
|---------------|-------------|---------------|--------------|--------------|---------------|-------------------|--------------|
| AR02_HDPE450  | CIRCULAR    | 0.45          | 0.16         | 0.11         | 0.45          | 1                 | 0.25         |
| AR1_HDPE600   | CIRCULAR    | 0.60          | 0.28         | 0.15         | 0.60          | 1                 | 0.55         |
| C10           | TRAPEZOIDAL | 0.60          | 1.92         | 0.41         | 4.40          | 1                 | 2.08         |
| C100          | A100        | 0.71          | 6.52         | 0.35         | 18.54         | 1                 | 10.64        |
| C101          | A101        | 0.84          | 7.08         | 0.37         | 18.97         | 1                 | 19.75        |
| C103          | A103        | 0.36          | 2.17         | 0.16         | 13.16         | 1                 | 1.47         |
| C129          | TRAPEZOIDAL | 0.49          | 0.98         | 0.31         | 2.98          | 1                 | 0.95         |
| C130          | TRAPEZOIDAL | 1.38          | 5.19         | 0.72         | 6.52          | 1                 | 16.96        |
| C131          | TRAPEZOIDAL | 1.26          | 3.79         | 0.62         | 5.53          | 1                 | 17.85        |
| C132_1        | TRAPEZOIDAL | 1.97          | 9.71         | 0.99         | 8.87          | 1                 | 17.87        |
| C132_2        | TRAPEZOIDAL | 1.13          | 3.68         | 0.61         | 5.52          | 1                 | 2.42         |
| C133          | TRAPEZOIDAL | 1.00          | 3.00         | 0.55         | 5.00          | 1                 | 4.43         |
| C134          | TRAPEZOIDAL | 0.84          | 2.24         | 0.47         | 4.35          | 1                 | 3.80         |
| C135          | TRAPEZOIDAL | 0.97          | 2.85         | 0.53         | 4.88          | 1                 | 3.92         |
| C136          | TRAPEZOIDAL | 1.00          | 3.00         | 0.55         | 5.00          | 1                 | 1.88         |
| C137          | TRAPEZOIDAL | 1.00          | 3.00         | 0.55         | 5.00          | 1                 | 0.28         |
| C1450_1       | T-C1450_1   | 0.72          | 48.96        | 0.45         | 109.00        | 1                 | 60.06        |
| C20           | TRAPEZOIDAL | 0.30          | 0.78         | 0.23         | 3.20          | 1                 | 0.82         |
| C25_3         | A25         | 0.16          | 0.78         | 0.08         | 9.50          | 1                 | 0.38         |
| C26_1         | TRAPEZOIDAL | 0.30          | 0.48         | 0.20         | 2.20          | 1                 | 0.21         |
| C26_2         | TRAPEZOIDAL | 0.30          | 0.48         | 0.20         | 2.20          | 1                 | 0.21         |
| C26_5         | TRAPEZOIDAL | 0.73          | 1.78         | 0.42         | 3.90          | 1                 | 1.93         |
| C30           | RECT_OPEN   | 0.30          | 0.60         | 0.23         | 2.00          | 1                 | 1.63         |
| C30_3         | TRAPEZOIDAL | 0.30          | 0.87         | 0.22         | 3.80          | 1                 | 0.90         |
| C36           | TRAPEZOIDAL | 0.45          | 0.87         | 0.29         | 2.82          | 1                 | 0.48         |
| C45           | TRAPEZOIDAL | 0.60          | 1.92         | 0.41         | 4.40          | 1                 | 3.06         |
| C46_1         | TRAPEZOIDAL | 0.55          | 1.16         | 0.33         | 3.20          | 1                 | 0.65         |
| C46_2         | TRAPEZOIDAL | 0.69          | 1.63         | 0.40         | 3.74          | 1                 | 1.12         |
| C47           | TRAPEZOIDAL | 0.61          | 1.35         | 0.36         | 3.44          | 1                 | 0.86         |
| C50           | TRAPEZOIDAL | 0.60          | 1.32         | 0.36         | 3.40          | 1                 | 0.95         |
| C57           | A57         | 0.25          | 1.13         | 0.15         | 7.56          | 1                 | 0.94         |
| C60           | TRAPEZOIDAL | 0.69          | 2.99         | 0.49         | 5.74          | 1                 | 2.92         |
| C70           | A70         | 0.95          | 25.32        | 0.62         | 40.00         | 1                 | 52.78        |
| C72           | TRAPEZOIDAL | 0.99          | 2.93         | 0.54         | 4.94          | 1                 | 7.61         |
| C75           | TRAPEZOIDAL | 1.00          | 4.00         | 0.62         | 6.00          | 1                 | 6.26         |
| C80           | TRAPEZOIDAL | 0.72          | 1.75         | 0.42         | 3.88          | 1                 | 4.02         |
| C81           | A81         | 0.13          | 0.54         | 0.07         | 8.04          | 1                 | 0.25         |
| C86           | TRAPEZOIDAL | 1.00          | 4.00         | 0.62         | 6.00          | 1                 | 6.01         |
| C87           | A87         | 0.60          | 5.37         | 0.36         | 14.68         | 1                 | 7.64         |
| C89           | A89         | 0.68          | 5.95         | 0.38         | 15.45         | 1                 | 13.32        |
| C91           | A91         | 0.83          | 4.29         | 0.43         | 9.35          | 1                 | 6.54         |
| C93           | A93         | 0.74          | 4.44         | 0.28         | 16.58         | 1                 | 2.84         |
| C95           | A95         | 0.60          | 3.11         | 0.23         | 13.46         | 1                 | 0.65         |
| C96           | A96         | 1.00          | 11.25        | 0.62         | 17.88         | 1                 | 32.28        |
| C99           | A99         | 1.02          | 10.34        | 0.56         | 18.28         | 1                 | 21.92        |
| DDC01         | TRAPEZOIDAL | 0.70          | 2.89         | 0.45         | 6.22          | 1                 | 5.41         |
| DDC02         | TRAPEZOIDAL | 0.84          | 3.83         | 0.52         | 7.06          | 1                 | 5.38         |
| DDC03         | TRAPEZOIDAL | 1.34          | 9.37         | 0.82         | 11.02         | 1                 | 14.29        |
| DDC04         | TRAPEZOIDAL | 1.29          | 8.86         | 0.79         | 10.74         | 1                 | 13.57        |
| DDC05         | TRAPEZOIDAL | 1.32          | 9.21         | 0.81         | 10.93         | 1                 | 14.17        |
| DDC06         | TRAPEZOIDAL | 1.33          | 9.32         | 0.82         | 10.99         | 1                 | 18.92        |
| DDC07         | TRAPEZOIDAL | 1.36          | 9.67         | 0.83         | 11.18         | 1                 | 18.30        |
| DDC08         | TRAPEZOIDAL | 1.13          | 7.21         | 0.71         | 9.77          | 1                 | 12.79        |
| DDC09         | TRAPEZOIDAL | 1.08          | 6.76         | 0.69         | 9.49          | 1                 | 11.07        |
| DDC10         | TRAPEZOIDAL | 0.99          | 5.88         | 0.64         | 8.92          | 1                 | 11.43        |
| DDC11         | TRAPEZOIDAL | 0.84          | 4.60         | 0.56         | 8.02          | 1                 | 7.87         |
| DDC12         | TRAPEZOIDAL | 0.79          | 3.43         | 0.49         | 6.72          | 1                 | 5.98         |
| DDC13         | TRAPEZOIDAL | 0.81          | 4.39         | 0.54         | 7.85          | 1                 | 9.15         |
| MDC01         | TRAPEZOIDAL | 1.00          | 3.00         | 0.55         | 5.00          | 1                 | 5.94         |
| MDC02         | TRAPEZOIDAL | 0.98          | 2.90         | 0.54         | 4.92          | 1                 | 5.56         |
| MDC03_HDPE600 | CIRCULAR    | 0.75          | 0.44         | 0.19         | 0.75          | 1                 | 1.73         |
| MDC04         | TRAPEZOIDAL | 1.37          | 6.46         | 0.80         | 7.46          | 1                 | 18.91        |
| MDC05_HDPE900 | CIRCULAR    | 0.90          | 0.64         | 0.23         | 0.90          | 1                 | 2.45         |
| NDC01         | TRAPEZOIDAL | 0.47          | 0.92         | 0.29         | 2.89          | 1                 | 1.96         |
| NDC02         | TRAPEZOIDAL | 0.47          | 0.92         | 0.29         | 2.89          | 1                 | 0.95         |
| NDC03         | TRAPEZOIDAL | 0.56          | 1.17         | 0.34         | 3.22          | 1                 | 0.90         |
| NDC04         | TRAPEZOIDAL | 0.66          | 1.55         | 0.39         | 3.66          | 1                 | 1.32         |
| NDC05         | TRAPEZOIDAL | 0.85          | 3.99         | 0.59         | 6.40          | 1                 | 3.62         |
| NDC06         | TRAPEZOIDAL | 0.85          | 2.30         | 0.48         | 4.40          | 1                 | 1.51         |
| NDC07         | TRAPEZOIDAL | 1.25          | 4.35         | 0.66         | 5.98          | 1                 | 6.23         |

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

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Transect Summary  
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Transect 248

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

Transect 257

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0009 | 0.0043 | 0.0155 | 0.0326 | 0.0513 |
|       | 0.0705 | 0.0900 | 0.1096 | 0.1293 | 0.1491 |
|       | 0.1689 | 0.1889 | 0.2089 | 0.2290 | 0.2493 |
|       | 0.2695 | 0.2899 | 0.3103 | 0.3308 | 0.3515 |
|       | 0.3722 | 0.3930 | 0.4139 | 0.4349 | 0.4559 |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
| Hrad:        | 0.4771 | 0.4983 | 0.5195 | 0.5408 | 0.5622 |
|              | 0.5836 | 0.6050 | 0.6265 | 0.6481 | 0.6696 |
|              | 0.6913 | 0.7129 | 0.7346 | 0.7564 | 0.7782 |
|              | 0.8000 | 0.8219 | 0.8439 | 0.8659 | 0.8880 |
|              | 0.9101 | 0.9323 | 0.9546 | 0.9772 | 1.0000 |
|              | 0.0127 | 0.0220 | 0.0268 | 0.0418 | 0.0625 |
|              | 0.0832 | 0.1057 | 0.1281 | 0.1504 | 0.1726 |
|              | 0.1947 | 0.2166 | 0.2384 | 0.2604 | 0.2824 |
|              | 0.3042 | 0.3258 | 0.3473 | 0.3687 | 0.3899 |
|              | 0.4110 | 0.4319 | 0.4528 | 0.4740 | 0.4951 |
| Width:       | 0.5162 | 0.5378 | 0.5594 | 0.5809 | 0.6024 |
|              | 0.6239 | 0.6453 | 0.6669 | 0.6884 | 0.7098 |
|              | 0.7312 | 0.7526 | 0.7739 | 0.7952 | 0.8162 |
|              | 0.8371 | 0.8578 | 0.8785 | 0.8991 | 0.9196 |
|              | 0.9389 | 0.9582 | 0.9758 | 0.9856 | 1.0000 |
|              | 0.0755 | 0.2466 | 0.6479 | 0.7914 | 0.8230 |
|              | 0.8434 | 0.8478 | 0.8515 | 0.8552 | 0.8589 |
|              | 0.8629 | 0.8673 | 0.8717 | 0.8749 | 0.8776 |
|              | 0.8811 | 0.8847 | 0.8883 | 0.8922 | 0.8961 |
|              | 0.9002 | 0.9045 | 0.9086 | 0.9119 | 0.9153 |
| Transect 261 |        |        |        |        |        |
| Area:        | 0.0008 | 0.0049 | 0.0157 | 0.0315 | 0.0488 |
|              | 0.0664 | 0.0840 | 0.1018 | 0.1196 | 0.1376 |
|              | 0.1558 | 0.1743 | 0.1935 | 0.2136 | 0.2338 |
|              | 0.2541 | 0.2745 | 0.2950 | 0.3157 | 0.3366 |
|              | 0.3578 | 0.3791 | 0.4005 | 0.4221 | 0.4436 |
|              | 0.4652 | 0.4869 | 0.5086 | 0.5303 | 0.5521 |
|              | 0.5739 | 0.5958 | 0.6178 | 0.6398 | 0.6619 |
|              | 0.6840 | 0.7062 | 0.7284 | 0.7507 | 0.7731 |
|              | 0.7955 | 0.8179 | 0.8404 | 0.8630 | 0.8857 |
|              | 0.9084 | 0.9311 | 0.9540 | 0.9769 | 1.0000 |
| Hrad:        | 0.0094 | 0.0196 | 0.0284 | 0.0442 | 0.0654 |
|              | 0.0881 | 0.1110 | 0.1338 | 0.1564 | 0.1789 |
|              | 0.2007 | 0.2219 | 0.2336 | 0.2478 | 0.2699 |
|              | 0.2919 | 0.3136 | 0.3352 | 0.3555 | 0.3749 |
|              | 0.3926 | 0.4141 | 0.4355 | 0.4573 | 0.4795 |
|              | 0.5017 | 0.5238 | 0.5458 | 0.5678 | 0.5896 |
|              | 0.6110 | 0.6322 | 0.6534 | 0.6745 | 0.6959 |
|              | 0.7172 | 0.7385 | 0.7597 | 0.7809 | 0.8018 |
|              | 0.8225 | 0.8432 | 0.8638 | 0.8843 | 0.9045 |
|              | 0.9247 | 0.9447 | 0.9641 | 0.9821 | 1.0000 |
| Width:       | 0.1045 | 0.3072 | 0.6073 | 0.7380 | 0.7556 |
|              | 0.7620 | 0.7661 | 0.7701 | 0.7741 | 0.7816 |
|              | 0.7945 | 0.8097 | 0.8553 | 0.8719 | 0.8762 |
|              | 0.8805 | 0.8852 | 0.8902 | 0.8979 | 0.9077 |
|              | 0.9213 | 0.9251 | 0.9289 | 0.9319 | 0.9337 |
|              | 0.9356 | 0.9374 | 0.9392 | 0.9411 | 0.9431 |
|              | 0.9458 | 0.9486 | 0.9513 | 0.9540 | 0.9562 |
|              | 0.9584 | 0.9606 | 0.9628 | 0.9650 | 0.9675 |
|              | 0.9701 | 0.9727 | 0.9752 | 0.9779 | 0.9808 |
|              | 0.9837 | 0.9866 | 0.9901 | 0.9951 | 1.0000 |
| Transect 287 |        |        |        |        |        |
| Area:        | 0.0007 | 0.0025 | 0.0050 | 0.0094 | 0.0150 |
|              | 0.0223 | 0.0312 | 0.0412 | 0.0518 | 0.0631 |
|              | 0.0748 | 0.0868 | 0.0993 | 0.1126 | 0.1265 |
|              | 0.1407 | 0.1560 | 0.1732 | 0.1910 | 0.2097 |
|              | 0.2296 | 0.2501 | 0.2709 | 0.2923 | 0.3143 |
|              | 0.3369 | 0.3597 | 0.3827 | 0.4060 | 0.4294 |
|              | 0.4533 | 0.4776 | 0.5023 | 0.5272 | 0.5524 |
|              | 0.5781 | 0.6048 | 0.6325 | 0.6611 | 0.6903 |
|              | 0.7198 | 0.7496 | 0.7796 | 0.8100 | 0.8406 |
|              | 0.8715 | 0.9028 | 0.9344 | 0.9669 | 1.0000 |
| Hrad:        | 0.0174 | 0.0403 | 0.0624 | 0.0700 | 0.0863 |
|              | 0.1043 | 0.1231 | 0.1412 | 0.1615 | 0.1871 |
|              | 0.2153 | 0.2428 | 0.2691 | 0.2752 | 0.3036 |
|              | 0.3286 | 0.3363 | 0.3340 | 0.3621 | 0.3777 |
|              | 0.3923 | 0.4087 | 0.4310 | 0.4572 | 0.4820 |
|              | 0.4972 | 0.5269 | 0.5566 | 0.5871 | 0.6174 |
|              | 0.6471 | 0.6655 | 0.6946 | 0.7232 | 0.7508 |
|              | 0.7776 | 0.8016 | 0.7850 | 0.7803 | 0.8050 |
|              | 0.8333 | 0.8613 | 0.8893 | 0.8900 | 0.9189 |
|              | 0.9497 | 0.9802 | 0.9925 | 0.9932 | 1.0000 |
| Width:       | 0.0388 | 0.0622 | 0.1001 | 0.1472 | 0.1932 |
|              | 0.2439 | 0.2840 | 0.3062 | 0.3277 | 0.3432 |
|              | 0.3525 | 0.3629 | 0.3840 | 0.4107 | 0.4181 |
|              | 0.4292 | 0.4928 | 0.5252 | 0.5392 | 0.5788 |
|              | 0.6051 | 0.6133 | 0.6294 | 0.6481 | 0.6639 |
|              | 0.6780 | 0.6829 | 0.6894 | 0.6960 | 0.7026 |
|              | 0.7203 | 0.7310 | 0.7387 | 0.7463 | 0.7564 |
|              | 0.7833 | 0.8082 | 0.8416 | 0.8655 | 0.8768 |
|              | 0.8839 | 0.8911 | 0.9005 | 0.9100 | 0.9179 |
|              | 0.9267 | 0.9355 | 0.9539 | 0.9783 | 1.0000 |
| Transect 288 |        |        |        |        |        |
| Area:        | 0.0010 | 0.0041 | 0.0080 | 0.0120 | 0.0166 |
|              | 0.0221 | 0.0281 | 0.0356 | 0.0450 | 0.0559 |
|              | 0.0679 | 0.0809 | 0.0946 | 0.1096 | 0.1256 |

|                                    |        |        |        |        |        |
|------------------------------------|--------|--------|--------|--------|--------|
| Hrad:                              | 0.1424 | 0.1601 | 0.1785 | 0.1973 | 0.2166 |
|                                    | 0.2362 | 0.2562 | 0.2767 | 0.2976 | 0.3190 |
|                                    | 0.3408 | 0.3630 | 0.3854 | 0.4081 | 0.4313 |
|                                    | 0.4551 | 0.4794 | 0.5046 | 0.5303 | 0.5570 |
|                                    | 0.5842 | 0.6121 | 0.6408 | 0.6699 | 0.6991 |
|                                    | 0.7284 | 0.7581 | 0.7882 | 0.8183 | 0.8485 |
|                                    | 0.8787 | 0.9089 | 0.9392 | 0.9695 | 1.0000 |
|                                    |        |        |        |        |        |
| Width:                             | 0.0152 | 0.0357 | 0.0624 | 0.0906 | 0.1150 |
|                                    | 0.1343 | 0.1474 | 0.1574 | 0.1727 | 0.1854 |
|                                    | 0.1964 | 0.2125 | 0.2323 | 0.2523 | 0.2716 |
|                                    | 0.2912 | 0.3094 | 0.3223 | 0.3397 | 0.3603 |
|                                    | 0.3816 | 0.4027 | 0.4234 | 0.4433 | 0.4642 |
|                                    | 0.4773 | 0.5019 | 0.5261 | 0.5490 | 0.5716 |
|                                    | 0.5843 | 0.6050 | 0.6063 | 0.6281 | 0.6415 |
|                                    | 0.6642 | 0.6855 | 0.7086 | 0.7021 | 0.7300 |
| Transect 293                       | 0.7578 | 0.7764 | 0.8003 | 0.8300 | 0.8597 |
|                                    | 0.8893 | 0.9189 | 0.9476 | 0.9756 | 1.0000 |
|                                    |        |        |        |        |        |
|                                    | 0.0712 | 0.1182 | 0.1278 | 0.1435 | 0.1608 |
|                                    | 0.1880 | 0.2146 | 0.2825 | 0.3407 | 0.3743 |
|                                    | 0.4091 | 0.4352 | 0.4718 | 0.5087 | 0.5359 |
|                                    | 0.5661 | 0.5886 | 0.6099 | 0.6231 | 0.6356 |
|                                    | 0.6484 | 0.6618 | 0.6765 | 0.6914 | 0.7048 |
| Area:                              | 0.7199 | 0.7286 | 0.7376 | 0.7480 | 0.7684 |
|                                    | 0.7854 | 0.8099 | 0.8356 | 0.8533 | 0.8810 |
|                                    | 0.8972 | 0.9292 | 0.9437 | 0.9542 | 0.9578 |
|                                    | 0.9614 | 0.9781 | 0.9849 | 0.9860 | 0.9870 |
|                                    | 0.9881 | 0.9891 | 0.9911 | 0.9938 | 1.0000 |
|                                    |        |        |        |        |        |
|                                    |        |        |        |        |        |
|                                    |        |        |        |        |        |
| Hrad:                              | 0.0002 | 0.0017 | 0.0076 | 0.0180 | 0.0315 |
|                                    | 0.0464 | 0.0618 | 0.0777 | 0.0941 | 0.1106 |
|                                    | 0.1274 | 0.1444 | 0.1616 | 0.1788 | 0.1961 |
|                                    | 0.2134 | 0.2308 | 0.2482 | 0.2657 | 0.2835 |
|                                    | 0.3019 | 0.3211 | 0.3410 | 0.3615 | 0.3822 |
|                                    | 0.4035 | 0.4256 | 0.4481 | 0.4709 | 0.4941 |
|                                    | 0.5176 | 0.5414 | 0.5655 | 0.5897 | 0.6140 |
|                                    | 0.6384 | 0.6629 | 0.6876 | 0.7125 | 0.7379 |
| Width:                             | 0.7633 | 0.7888 | 0.8144 | 0.8401 | 0.8661 |
|                                    | 0.8925 | 0.9193 | 0.9461 | 0.9730 | 1.0000 |
|                                    |        |        |        |        |        |
|                                    | 0.0122 | 0.0174 | 0.0286 | 0.0426 | 0.0596 |
|                                    | 0.0841 | 0.1083 | 0.1314 | 0.1552 | 0.1800 |
|                                    | 0.2047 | 0.2290 | 0.2554 | 0.2816 | 0.3078 |
|                                    | 0.3339 | 0.3599 | 0.3859 | 0.4116 | 0.4365 |
|                                    | 0.4603 | 0.4522 | 0.4721 | 0.4782 | 0.4958 |
| Transect 295                       | 0.5115 | 0.5194 | 0.5446 | 0.5692 | 0.5932 |
|                                    | 0.5929 | 0.6124 | 0.6356 | 0.6601 | 0.6832 |
|                                    | 0.7072 | 0.7314 | 0.7553 | 0.7635 | 0.7873 |
|                                    | 0.8113 | 0.8358 | 0.8602 | 0.8838 | 0.9065 |
|                                    | 0.9044 | 0.9287 | 0.9532 | 0.9771 | 1.0000 |
|                                    |        |        |        |        |        |
|                                    |        |        |        |        |        |
|                                    |        |        |        |        |        |
| Area:                              | 0.0201 | 0.1337 | 0.2971 | 0.4551 | 0.5431 |
|                                    | 0.5612 | 0.5780 | 0.5961 | 0.6082 | 0.6168 |
|                                    | 0.6247 | 0.6328 | 0.6349 | 0.6370 | 0.6391 |
|                                    | 0.6411 | 0.6430 | 0.6450 | 0.6525 | 0.6634 |
|                                    | 0.6964 | 0.7225 | 0.7489 | 0.7581 | 0.7730 |
|                                    | 0.8025 | 0.8218 | 0.8377 | 0.8487 | 0.8649 |
|                                    | 0.8755 | 0.8866 | 0.8920 | 0.8954 | 0.9007 |
|                                    | 0.9046 | 0.9081 | 0.9118 | 0.9347 | 0.9386 |
| Hrad:                              | 0.9420 | 0.9449 | 0.9477 | 0.9514 | 0.9687 |
|                                    | 0.9875 | 0.9903 | 0.9928 | 0.9960 | 1.0000 |
|                                    |        |        |        |        |        |
|                                    | 0.0003 | 0.0010 | 0.0019 | 0.0030 | 0.0042 |
|                                    | 0.0056 | 0.0069 | 0.0084 | 0.0100 | 0.0117 |
|                                    | 0.0135 | 0.0155 | 0.0190 | 0.0252 | 0.0351 |
|                                    | 0.0484 | 0.0646 | 0.0820 | 0.1003 | 0.1191 |
|                                    | 0.1385 | 0.1583 | 0.1787 | 0.1995 | 0.2207 |
| Width:                             | 0.2424 | 0.2646 | 0.2869 | 0.3101 | 0.3335 |
|                                    | 0.3572 | 0.3810 | 0.4053 | 0.4311 | 0.4591 |
|                                    | 0.4887 | 0.5195 | 0.5513 | 0.5851 | 0.6198 |
|                                    | 0.6554 | 0.6919 | 0.7293 | 0.7673 | 0.8055 |
|                                    | 0.8439 | 0.8826 | 0.9215 | 0.9606 | 1.0000 |
|                                    |        |        |        |        |        |
|                                    |        |        |        |        |        |
|                                    |        |        |        |        |        |
| Hrad:                              | 0.0211 | 0.0474 | 0.0750 | 0.1022 | 0.1327 |
|                                    | 0.1618 | 0.1896 | 0.2165 | 0.2421 | 0.2666 |
|                                    | 0.2906 | 0.3103 | 0.3012 | 0.2603 | 0.2014 |
|                                    | 0.1965 | 0.2057 | 0.2230 | 0.2483 | 0.2749 |
|                                    | 0.3032 | 0.3311 | 0.3443 | 0.3772 | 0.4068 |
|                                    | 0.4361 | 0.4694 | 0.5028 | 0.5239 | 0.5590 |
|                                    | 0.5943 | 0.6263 | 0.6511 | 0.6805 | 0.6970 |
|                                    | 0.7239 | 0.7510 | 0.7757 | 0.7070 | 0.7411 |
| Transect 297                       | 0.7726 | 0.8025 | 0.7645 | 0.7946 | 0.8302 |
|                                    | 0.8655 | 0.8985 | 0.9321 | 0.9655 | 1.0000 |
|                                    |        |        |        |        |        |
|                                    | 0.0138 | 0.0211 | 0.0257 | 0.0296 | 0.0319 |
|                                    | 0.0343 | 0.0366 | 0.0389 | 0.0413 | 0.0438 |
|                                    | 0.0463 | 0.0592 | 0.1186 | 0.1969 | 0.3025 |
|                                    | 0.3850 | 0.4315 | 0.4577 | 0.4699 | 0.4830 |
|                                    | 0.4954 | 0.5102 | 0.5230 | 0.5313 | 0.5434 |
| Area:                              | 0.5560 | 0.5635 | 0.5706 | 0.5917 | 0.5966 |
|                                    | 0.6009 | 0.6083 | 0.6272 | 0.6747 | 0.7351 |
|                                    | 0.7626 | 0.7934 | 0.8281 | 0.8739 | 0.8887 |
|                                    | 0.9079 | 0.9393 | 0.9541 | 0.9657 | 0.9703 |
|                                    | 0.9751 | 0.9822 | 0.9885 | 0.9949 | 1.0000 |
|                                    |        |        |        |        |        |
|                                    |        |        |        |        |        |
|                                    |        |        |        |        |        |
| Transect 297                       |        |        |        |        |        |
| Area:                              |        |        |        |        |        |
| 0.0003 0.0012 0.0025 0.0040 0.0056 |        |        |        |        |        |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
| Hrad:        | 0.0084 | 0.0120 | 0.0159 | 0.0200 | 0.0249 |
|              | 0.0313 | 0.0386 | 0.0469 | 0.0565 | 0.0668 |
|              | 0.0778 | 0.0900 | 0.1032 | 0.1195 | 0.1387 |
|              | 0.1595 | 0.1808 | 0.2027 | 0.2253 | 0.2481 |
|              | 0.2714 | 0.2950 | 0.3189 | 0.3435 | 0.3692 |
|              | 0.3961 | 0.4243 | 0.4536 | 0.4832 | 0.5135 |
|              | 0.5445 | 0.5759 | 0.6077 | 0.6400 | 0.6723 |
|              | 0.7046 | 0.7371 | 0.7697 | 0.8025 | 0.8353 |
|              | 0.8682 | 0.9010 | 0.9340 | 0.9670 | 1.0000 |
|              |        |        |        |        |        |
| Width:       | 0.0210 | 0.0338 | 0.0615 | 0.0872 | 0.1125 |
|              | 0.0821 | 0.1107 | 0.1387 | 0.1656 | 0.1848 |
|              | 0.1868 | 0.2053 | 0.2169 | 0.2088 | 0.2319 |
|              | 0.2502 | 0.2638 | 0.2868 | 0.3016 | 0.3125 |
|              | 0.3199 | 0.3376 | 0.3557 | 0.3394 | 0.3683 |
|              | 0.3942 | 0.4227 | 0.4496 | 0.4683 | 0.4932 |
|              | 0.5153 | 0.5361 | 0.5195 | 0.5481 | 0.5728 |
|              | 0.5993 | 0.6271 | 0.6498 | 0.6594 | 0.6909 |
|              | 0.7226 | 0.7542 | 0.7812 | 0.8128 | 0.8449 |
|              | 0.8770 | 0.9091 | 0.9407 | 0.9721 | 1.0000 |
| Transect 299 |        |        |        |        |        |
| Area:        | 0.0130 | 0.0367 | 0.0414 | 0.0458 | 0.0582 |
|              | 0.1068 | 0.1141 | 0.1201 | 0.1271 | 0.1706 |
|              | 0.2122 | 0.2290 | 0.2743 | 0.3010 | 0.3178 |
|              | 0.3550 | 0.3772 | 0.4301 | 0.5442 | 0.6067 |
|              | 0.6343 | 0.6511 | 0.6704 | 0.6844 | 0.6929 |
|              | 0.7066 | 0.7157 | 0.7272 | 0.7583 | 0.7983 |
|              | 0.8248 | 0.8727 | 0.8866 | 0.9028 | 0.9286 |
|              | 0.9365 | 0.9548 | 0.9672 | 0.9722 | 0.9745 |
|              | 0.9765 | 0.9784 | 0.9865 | 0.9883 | 0.9894 |
|              | 0.9905 | 0.9916 | 0.9931 | 0.9948 | 1.0000 |
| Hrad:        | 0.0012 | 0.0034 | 0.0066 | 0.0105 | 0.0152 |
|              | 0.0213 | 0.0281 | 0.0355 | 0.0439 | 0.0533 |
|              | 0.0647 | 0.0768 | 0.0897 | 0.1033 | 0.1182 |
|              | 0.1342 | 0.1506 | 0.1678 | 0.1853 | 0.2031 |
|              | 0.2211 | 0.2392 | 0.2578 | 0.2769 | 0.2961 |
|              | 0.3155 | 0.3352 | 0.3552 | 0.3764 | 0.3984 |
|              | 0.4209 | 0.4439 | 0.4675 | 0.4916 | 0.5163 |
|              | 0.5415 | 0.5678 | 0.5961 | 0.6271 | 0.6596 |
|              | 0.6925 | 0.7257 | 0.7592 | 0.7930 | 0.8271 |
|              | 0.8615 | 0.8959 | 0.9304 | 0.9650 | 1.0000 |
| Width:       | 0.0242 | 0.0503 | 0.0648 | 0.0936 | 0.1047 |
|              | 0.1163 | 0.1443 | 0.1697 | 0.1867 | 0.1934 |
|              | 0.1940 | 0.2191 | 0.2371 | 0.2672 | 0.2672 |
|              | 0.2946 | 0.3210 | 0.3428 | 0.3737 | 0.4051 |
|              | 0.4362 | 0.4670 | 0.4970 | 0.5137 | 0.5459 |
|              | 0.5756 | 0.6023 | 0.6299 | 0.6304 | 0.6575 |
|              | 0.6840 | 0.7094 | 0.7310 | 0.7536 | 0.7783 |
|              | 0.8023 | 0.8189 | 0.8270 | 0.7493 | 0.7678 |
|              | 0.7962 | 0.8250 | 0.8540 | 0.8295 | 0.8543 |
|              | 0.8870 | 0.9207 | 0.9545 | 0.9882 | 1.0000 |
| Transect 300 |        |        |        |        |        |
| Area:        | 0.0555 | 0.0731 | 0.1023 | 0.1203 | 0.1465 |
|              | 0.1846 | 0.2006 | 0.2183 | 0.2488 | 0.2908 |
|              | 0.3354 | 0.3527 | 0.3805 | 0.3890 | 0.4448 |
|              | 0.4581 | 0.4719 | 0.4924 | 0.4989 | 0.5043 |
|              | 0.5097 | 0.5160 | 0.5317 | 0.5420 | 0.5455 |
|              | 0.5512 | 0.5597 | 0.5715 | 0.6152 | 0.6280 |
|              | 0.6421 | 0.6562 | 0.6732 | 0.6900 | 0.7031 |
|              | 0.7240 | 0.7646 | 0.8355 | 0.9069 | 0.9248 |
|              | 0.9340 | 0.9416 | 0.9482 | 0.9573 | 0.9693 |
|              | 0.9721 | 0.9737 | 0.9752 | 0.9787 | 1.0000 |
| Hrad:        | 0.0002 | 0.0016 | 0.0049 | 0.0095 | 0.0159 |
|              | 0.0235 | 0.0316 | 0.0402 | 0.0492 | 0.0594 |
|              | 0.0709 | 0.0849 | 0.0998 | 0.1151 | 0.1306 |
|              | 0.1464 | 0.1626 | 0.1791 | 0.1963 | 0.2145 |
|              | 0.2332 | 0.2525 | 0.2725 | 0.2931 | 0.3149 |
|              | 0.3386 | 0.3632 | 0.3885 | 0.4140 | 0.4399 |
|              | 0.4661 | 0.4924 | 0.5190 | 0.5456 | 0.5723 |
|              | 0.5991 | 0.6260 | 0.6532 | 0.6806 | 0.7081 |
|              | 0.7357 | 0.7633 | 0.7912 | 0.8195 | 0.8480 |
|              | 0.8769 | 0.9065 | 0.9369 | 0.9680 | 1.0000 |
| Width:       | 0.0147 | 0.0234 | 0.0418 | 0.0632 | 0.0735 |
|              | 0.0960 | 0.1250 | 0.1494 | 0.1752 | 0.1952 |
|              | 0.2107 | 0.2035 | 0.2149 | 0.2444 | 0.2731 |
|              | 0.2992 | 0.3241 | 0.3521 | 0.3706 | 0.3960 |
|              | 0.4204 | 0.4450 | 0.4580 | 0.4832 | 0.5058 |
|              | 0.5265 | 0.5471 | 0.5680 | 0.5894 | 0.6109 |
|              | 0.5773 | 0.6054 | 0.6342 | 0.6644 | 0.6951 |
|              | 0.7257 | 0.7526 | 0.7752 | 0.8046 | 0.8346 |
|              | 0.8649 | 0.8951 | 0.9235 | 0.9519 | 0.9803 |
|              | 0.9872 | 0.9783 | 0.9914 | 1.0160 | 1.0000 |
| Transect 301 |        |        |        |        |        |
| Area:        | 0.0188 | 0.0841 | 0.1258 | 0.1720 | 0.2175 |
|              | 0.2469 | 0.2552 | 0.2710 | 0.2902 | 0.3340 |
|              | 0.4055 | 0.4463 | 0.4680 | 0.4746 | 0.4818 |
|              | 0.4931 | 0.5056 | 0.5161 | 0.5487 | 0.5680 |
|              | 0.5868 | 0.6042 | 0.6281 | 0.6434 | 0.7090 |
|              | 0.7494 | 0.7699 | 0.7843 | 0.7929 | 0.8031 |
|              | 0.8103 | 0.8161 | 0.8208 | 0.8235 | 0.8255 |
|              | 0.8274 | 0.8335 | 0.8442 | 0.8472 | 0.8496 |
|              | 0.8516 | 0.8542 | 0.8671 | 0.8754 | 0.8829 |
|              | 0.9011 | 0.9267 | 0.9470 | 0.9711 | 1.0000 |

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

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

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

Transect 304

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0002 | 0.0013 | 0.0029 | 0.0049 | 0.0072 |
|       | 0.0100 | 0.0131 | 0.0167 | 0.0209 | 0.0261 |
|       | 0.0327 | 0.0401 | 0.0483 | 0.0577 | 0.0681 |
|       | 0.0797 | 0.0920 | 0.1048 | 0.1185 | 0.1340 |
|       | 0.1515 | 0.1710 | 0.1921 | 0.2151 | 0.2395 |
|       | 0.2644 | 0.2898 | 0.3163 | 0.3438 | 0.3721 |
|       | 0.4009 | 0.4303 | 0.4603 | 0.4905 | 0.5209 |
|       | 0.5515 | 0.5825 | 0.6136 | 0.6449 | 0.6763 |
|       | 0.7079 | 0.7396 | 0.7716 | 0.8036 | 0.8359 |
|       | 0.8683 | 0.9009 | 0.9338 | 0.9668 | 1.0000 |

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0134 | 0.0290 | 0.0533 | 0.0776 | 0.0918 |
|       | 0.1125 | 0.1349 | 0.1442 | 0.1657 | 0.1587 |
|       | 0.1521 | 0.1791 | 0.2024 | 0.2036 | 0.2252 |
|       | 0.2475 | 0.2700 | 0.2807 | 0.3006 | 0.3202 |
|       | 0.3352 | 0.3479 | 0.3618 | 0.3295 | 0.3253 |
|       | 0.3553 | 0.3835 | 0.4081 | 0.4328 | 0.4586 |
|       | 0.4601 | 0.4883 | 0.5113 | 0.5412 | 0.5716 |
|       | 0.5975 | 0.6273 | 0.6581 | 0.6883 | 0.7178 |
|       | 0.7467 | 0.7756 | 0.8058 | 0.8349 | 0.8635 |
|       | 0.8927 | 0.9192 | 0.9462 | 0.9755 | 1.0000 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.0185 | 0.0446 | 0.0548 | 0.0631 | 0.0784 |
|        | 0.0891 | 0.0975 | 0.1163 | 0.1360 | 0.1732 |
|        | 0.2156 | 0.2243 | 0.2644 | 0.2941 | 0.3339 |
|        | 0.3574 | 0.3747 | 0.3932 | 0.4417 | 0.4959 |
|        | 0.5548 | 0.6122 | 0.6577 | 0.7166 | 0.7384 |
|        | 0.7542 | 0.7712 | 0.8118 | 0.8365 | 0.8536 |
|        | 0.8737 | 0.8904 | 0.9025 | 0.9085 | 0.9134 |
|        | 0.9250 | 0.9305 | 0.9342 | 0.9385 | 0.9436 |
|        | 0.9493 | 0.9548 | 0.9585 | 0.9634 | 0.9688 |
|        | 0.9732 | 0.9806 | 0.9871 | 0.9912 | 1.0000 |

Transect 311

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0002 | 0.0013 | 0.0029 | 0.0049 | 0.0072 |
|       | 0.0100 | 0.0131 | 0.0167 | 0.0209 | 0.0261 |
|       | 0.0327 | 0.0401 | 0.0483 | 0.0577 | 0.0681 |
|       | 0.0797 | 0.0920 | 0.1048 | 0.1185 | 0.1340 |
|       | 0.1515 | 0.1710 | 0.1921 | 0.2151 | 0.2395 |
|       | 0.2644 | 0.2898 | 0.3163 | 0.3438 | 0.3721 |
|       | 0.4009 | 0.4303 | 0.4603 | 0.4905 | 0.5209 |
|       | 0.5515 | 0.5825 | 0.6136 | 0.6449 | 0.6763 |
|       | 0.7079 | 0.7396 | 0.7716 | 0.8036 | 0.8359 |
|       | 0.8683 | 0.9009 | 0.9338 | 0.9668 | 1.0000 |

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0134 | 0.0290 | 0.0533 | 0.0776 | 0.0918 |
|       | 0.1125 | 0.1349 | 0.1442 | 0.1657 | 0.1587 |
|       | 0.1521 | 0.1791 | 0.2024 | 0.2036 | 0.2252 |
|       | 0.2475 | 0.2700 | 0.2807 | 0.3006 | 0.3202 |
|       | 0.3352 | 0.3479 | 0.3618 | 0.3295 | 0.3253 |
|       | 0.3553 | 0.3835 | 0.4081 | 0.4328 | 0.4586 |
|       | 0.4601 | 0.4883 | 0.5113 | 0.5412 | 0.5716 |
|       | 0.5975 | 0.6273 | 0.6581 | 0.6883 | 0.7178 |
|       | 0.7467 | 0.7756 | 0.8058 | 0.8349 | 0.8635 |
|       | 0.8927 | 0.9192 | 0.9462 | 0.9755 | 1.0000 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.0185 | 0.0446 | 0.0548 | 0.0631 | 0.0784 |
|        | 0.0891 | 0.0975 | 0.1163 | 0.1360 | 0.1732 |
|        | 0.2156 | 0.2243 | 0.2644 | 0.2941 | 0.3339 |
|        | 0.3574 | 0.3747 | 0.3932 | 0.4417 | 0.4959 |
|        | 0.5548 | 0.6122 | 0.6577 | 0.7166 | 0.7384 |
|        | 0.7542 | 0.7712 | 0.8118 | 0.8365 | 0.8536 |
|        | 0.8737 | 0.8904 | 0.9025 | 0.9085 | 0.9134 |
|        | 0.9250 | 0.9305 | 0.9342 | 0.9385 | 0.9436 |
|        | 0.9493 | 0.9548 | 0.9585 | 0.9634 | 0.9688 |
|        | 0.9732 | 0.9806 | 0.9871 | 0.9912 | 1.0000 |

Transect 319

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  | 0.0012 | 0.0045 | 0.0089 | 0.0142 | 0.0200 |
|        | 0.0265 | 0.0345 | 0.0436 | 0.0539 | 0.0650 |
|        | 0.0765 | 0.0885 | 0.1010 | 0.1141 | 0.1278 |
|        | 0.1418 | 0.1564 | 0.1714 | 0.1868 | 0.2027 |
|        | 0.2191 | 0.2361 | 0.2535 | 0.2714 | 0.2897 |
|        | 0.3085 | 0.3278 | 0.3476 | 0.3679 | 0.3893 |
|        | 0.4124 | 0.4361 | 0.4608 | 0.4862 | 0.5123 |
|        | 0.5391 | 0.5667 | 0.5951 | 0.6242 | 0.6542 |
|        | 0.6858 | 0.7185 | 0.7518 | 0.7856 | 0.8198 |
|        | 0.8544 | 0.8893 | 0.9252 | 0.9621 | 1.0000 |
| Hrad:  | 0.0186 | 0.0448 | 0.0711 | 0.0997 | 0.1271 |
|        | 0.1351 | 0.1555 | 0.1745 | 0.1941 | 0.2229 |
|        | 0.2529 | 0.2817 | 0.3046 | 0.3313 | 0.3582 |
|        | 0.3854 | 0.4116 | 0.4370 | 0.4624 | 0.4868 |
|        | 0.5113 | 0.5335 | 0.5573 | 0.5806 | 0.6063 |
|        | 0.6301 | 0.6509 | 0.6737 | 0.6944 | 0.6639 |
|        | 0.6837 | 0.7004 | 0.7141 | 0.7330 | 0.7507 |
|        | 0.7718 | 0.7853 | 0.8030 | 0.8234 | 0.8206 |
|        | 0.8284 | 0.8441 | 0.8703 | 0.8957 | 0.9245 |
|        | 0.9538 | 0.9838 | 0.9803 | 0.9995 | 1.0000 |
| Width: | 0.0645 | 0.1000 | 0.1258 | 0.1424 | 0.1574 |
|        | 0.1966 | 0.2225 | 0.2508 | 0.2783 | 0.2922 |
|        | 0.3032 | 0.3148 | 0.3323 | 0.3453 | 0.3574 |
|        | 0.3688 | 0.3807 | 0.3930 | 0.4048 | 0.4173 |
|        | 0.4295 | 0.4434 | 0.4557 | 0.4684 | 0.4789 |
|        | 0.4906 | 0.5046 | 0.5170 | 0.5308 | 0.5875 |
|        | 0.6044 | 0.6239 | 0.6465 | 0.6646 | 0.6838 |
|        | 0.6999 | 0.7231 | 0.7427 | 0.7597 | 0.7989 |
|        | 0.8297 | 0.8530 | 0.8656 | 0.8785 | 0.8880 |
|        | 0.8967 | 0.9046 | 0.9443 | 0.9628 | 1.0000 |

Transect 320

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  | 0.0007 | 0.0025 | 0.0053 | 0.0086 | 0.0123 |
|        | 0.0165 | 0.0214 | 0.0268 | 0.0328 | 0.0395 |
|        | 0.0467 | 0.0546 | 0.0632 | 0.0723 | 0.0817 |
|        | 0.0913 | 0.1012 | 0.1113 | 0.1218 | 0.1340 |
|        | 0.1473 | 0.1613 | 0.1766 | 0.1942 | 0.2129 |
|        | 0.2326 | 0.2531 | 0.2743 | 0.2968 | 0.3206 |
|        | 0.3456 | 0.3720 | 0.3991 | 0.4277 | 0.4577 |
|        | 0.4883 | 0.5195 | 0.5514 | 0.5840 | 0.6174 |
|        | 0.6515 | 0.6870 | 0.7241 | 0.7620 | 0.8004 |
|        | 0.8393 | 0.8785 | 0.9181 | 0.9582 | 1.0000 |
| Hrad:  | 0.0209 | 0.0430 | 0.0724 | 0.1010 | 0.1301 |
|        | 0.1533 | 0.1719 | 0.1956 | 0.2171 | 0.2366 |
|        | 0.2598 | 0.2732 | 0.2956 | 0.3258 | 0.3583 |
|        | 0.3906 | 0.4217 | 0.4504 | 0.4718 | 0.4310 |
|        | 0.4482 | 0.4672 | 0.4771 | 0.4546 | 0.4786 |
|        | 0.5004 | 0.5267 | 0.5544 | 0.5576 | 0.5757 |
|        | 0.5951 | 0.5776 | 0.6080 | 0.6038 | 0.6298 |
|        | 0.6586 | 0.6875 | 0.7119 | 0.7396 | 0.7612 |
|        | 0.7890 | 0.7786 | 0.8059 | 0.8305 | 0.8627 |
|        | 0.8969 | 0.9295 | 0.9622 | 0.9926 | 1.0000 |
| Width: | 0.0304 | 0.0568 | 0.0705 | 0.0821 | 0.0916 |
|        | 0.1042 | 0.1202 | 0.1325 | 0.1461 | 0.1613 |
|        | 0.1738 | 0.1930 | 0.2066 | 0.2144 | 0.2203 |
|        | 0.2258 | 0.2318 | 0.2388 | 0.2495 | 0.3003 |
|        | 0.3174 | 0.3336 | 0.3890 | 0.4223 | 0.4439 |
|        | 0.4657 | 0.4834 | 0.5012 | 0.5405 | 0.5675 |
|        | 0.5938 | 0.6222 | 0.6351 | 0.6843 | 0.7020 |
|        | 0.7163 | 0.7300 | 0.7482 | 0.7628 | 0.7836 |
|        | 0.7977 | 0.8524 | 0.8681 | 0.8863 | 0.8963 |
|        | 0.9040 | 0.9131 | 0.9218 | 0.9433 | 1.0000 |

Transect 321

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  | 0.0006 | 0.0017 | 0.0034 | 0.0058 | 0.0087 |
|        | 0.0121 | 0.0158 | 0.0199 | 0.0253 | 0.0312 |
|        | 0.0374 | 0.0447 | 0.0531 | 0.0624 | 0.0727 |
|        | 0.0844 | 0.0979 | 0.1129 | 0.1289 | 0.1458 |
|        | 0.1636 | 0.1828 | 0.2030 | 0.2243 | 0.2464 |
|        | 0.2701 | 0.2954 | 0.3220 | 0.3495 | 0.3776 |
|        | 0.4062 | 0.4351 | 0.4646 | 0.4946 | 0.5250 |
|        | 0.5557 | 0.5865 | 0.6174 | 0.6484 | 0.6797 |
|        | 0.7111 | 0.7427 | 0.7743 | 0.8061 | 0.8381 |
|        | 0.8701 | 0.9023 | 0.9347 | 0.9672 | 1.0000 |
| Hrad:  | 0.0234 | 0.0436 | 0.0529 | 0.0702 | 0.0910 |
|        | 0.1130 | 0.1344 | 0.1378 | 0.1472 | 0.1715 |
|        | 0.1939 | 0.2123 | 0.2278 | 0.2437 | 0.2581 |
|        | 0.2668 | 0.2705 | 0.2804 | 0.2918 | 0.3096 |
|        | 0.3222 | 0.3401 | 0.3506 | 0.3668 | 0.3837 |
|        | 0.3735 | 0.3846 | 0.3893 | 0.4162 | 0.4393 |
|        | 0.4667 | 0.4927 | 0.5159 | 0.5398 | 0.5668 |
|        | 0.5972 | 0.6275 | 0.6575 | 0.6866 | 0.7154 |
|        | 0.7449 | 0.7744 | 0.8041 | 0.8338 | 0.8633 |
|        | 0.8923 | 0.9204 | 0.9477 | 0.9750 | 1.0000 |
| Width: | 0.0265 | 0.0385 | 0.0638 | 0.0824 | 0.0961 |
|        | 0.1072 | 0.1177 | 0.1451 | 0.1728 | 0.1824 |
|        | 0.2042 | 0.2392 | 0.2690 | 0.2977 | 0.3326 |
|        | 0.3764 | 0.4368 | 0.4715 | 0.5006 | 0.5252 |
|        | 0.5698 | 0.5963 | 0.6329 | 0.6599 | 0.6835 |
|        | 0.7491 | 0.7885 | 0.8301 | 0.8428 | 0.8626 |
|        | 0.8733 | 0.8861 | 0.9037 | 0.9194 | 0.9296 |
|        | 0.9335 | 0.9374 | 0.9416 | 0.9468 | 0.9522 |

|               |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|
|               | 0.9566 | 0.9607 | 0.9644 | 0.9681 | 0.9718 |
|               | 0.9760 | 0.9809 | 0.9867 | 0.9923 | 1.0000 |
| Transect A100 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0007 | 0.0026 | 0.0059 | 0.0106 | 0.0160 |
|               | 0.0221 | 0.0289 | 0.0363 | 0.0445 | 0.0535 |
|               | 0.0633 | 0.0739 | 0.0849 | 0.0963 | 0.1084 |
|               | 0.1218 | 0.1376 | 0.1555 | 0.1742 | 0.1936 |
|               | 0.2135 | 0.2339 | 0.2548 | 0.2761 | 0.2979 |
|               | 0.3201 | 0.3428 | 0.3659 | 0.3895 | 0.4134 |
|               | 0.4378 | 0.4625 | 0.4877 | 0.5133 | 0.5393 |
|               | 0.5657 | 0.5926 | 0.6201 | 0.6480 | 0.6765 |
|               | 0.7055 | 0.7350 | 0.7650 | 0.7956 | 0.8267 |
|               | 0.8583 | 0.8909 | 0.9248 | 0.9606 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0204 | 0.0408 | 0.0612 | 0.0838 | 0.1127 |
|               | 0.1399 | 0.1657 | 0.1907 | 0.2114 | 0.2314 |
|               | 0.2515 | 0.2783 | 0.3090 | 0.3360 | 0.3527 |
|               | 0.3681 | 0.3790 | 0.3454 | 0.3711 | 0.4013 |
|               | 0.4315 | 0.4614 | 0.4916 | 0.5213 | 0.5507 |
|               | 0.5797 | 0.6087 | 0.6383 | 0.6675 | 0.6965 |
|               | 0.7251 | 0.7534 | 0.7815 | 0.8094 | 0.8367 |
|               | 0.8626 | 0.8863 | 0.9100 | 0.9335 | 0.9570 |
|               | 0.9803 | 1.0035 | 1.0262 | 1.0485 | 1.0708 |
|               | 1.0916 | 1.0909 | 1.0916 | 1.0530 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0325 | 0.0650 | 0.0975 | 0.1263 | 0.1424 |
|               | 0.1586 | 0.1748 | 0.1909 | 0.2108 | 0.2315 |
|               | 0.2522 | 0.2659 | 0.2751 | 0.2868 | 0.3075 |
|               | 0.3589 | 0.4202 | 0.4509 | 0.4702 | 0.4832 |
|               | 0.4956 | 0.5076 | 0.5189 | 0.5302 | 0.5415 |
|               | 0.5528 | 0.5636 | 0.5737 | 0.5838 | 0.5939 |
|               | 0.6039 | 0.6140 | 0.6241 | 0.6342 | 0.6445 |
|               | 0.6557 | 0.6685 | 0.6812 | 0.6940 | 0.7067 |
|               | 0.7194 | 0.7322 | 0.7452 | 0.7585 | 0.7717 |
|               | 0.7860 | 0.8165 | 0.8509 | 0.9279 | 1.0000 |
| Transect A101 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0010 | 0.0042 | 0.0091 | 0.0150 | 0.0217 |
|               | 0.0292 | 0.0372 | 0.0457 | 0.0547 | 0.0642 |
|               | 0.0743 | 0.0848 | 0.0958 | 0.1072 | 0.1192 |
|               | 0.1315 | 0.1444 | 0.1577 | 0.1714 | 0.1856 |
|               | 0.2001 | 0.2149 | 0.2301 | 0.2457 | 0.2617 |
|               | 0.2780 | 0.2947 | 0.3118 | 0.3292 | 0.3470 |
|               | 0.3652 | 0.3838 | 0.4027 | 0.4227 | 0.4461 |
|               | 0.4746 | 0.5042 | 0.5339 | 0.5639 | 0.5947 |
|               | 0.6273 | 0.6618 | 0.6985 | 0.7394 | 0.7812 |
|               | 0.8237 | 0.8669 | 0.9106 | 0.9550 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0228 | 0.0456 | 0.0760 | 0.1086 | 0.1390 |
|               | 0.1705 | 0.2041 | 0.2364 | 0.2677 | 0.2980 |
|               | 0.3276 | 0.3565 | 0.3860 | 0.4150 | 0.4435 |
|               | 0.4716 | 0.4992 | 0.5265 | 0.5534 | 0.5845 |
|               | 0.6164 | 0.6454 | 0.6742 | 0.7026 | 0.7307 |
|               | 0.7586 | 0.7862 | 0.8136 | 0.8408 | 0.8677 |
|               | 0.8945 | 0.9211 | 0.9461 | 0.9483 | 0.9238 |
|               | 0.7291 | 0.7686 | 0.8077 | 0.8467 | 0.8841 |
|               | 0.9183 | 0.9499 | 0.9613 | 0.8062 | 0.8385 |
|               | 0.8706 | 0.9033 | 0.9358 | 0.9680 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0462 | 0.0923 | 0.1208 | 0.1387 | 0.1567 |
|               | 0.1716 | 0.1826 | 0.1936 | 0.2047 | 0.2157 |
|               | 0.2267 | 0.2378 | 0.2479 | 0.2581 | 0.2682 |
|               | 0.2784 | 0.2886 | 0.2987 | 0.3089 | 0.3165 |
|               | 0.3234 | 0.3316 | 0.3399 | 0.3481 | 0.3563 |
|               | 0.3646 | 0.3728 | 0.3810 | 0.3893 | 0.3975 |
|               | 0.4057 | 0.4140 | 0.4228 | 0.4703 | 0.5891 |
|               | 0.6494 | 0.6544 | 0.6593 | 0.6643 | 0.7003 |
|               | 0.7403 | 0.7830 | 0.8510 | 0.9167 | 0.9313 |
|               | 0.9459 | 0.9595 | 0.9730 | 0.9865 | 1.0000 |
| Transect A103 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0019 | 0.0076 | 0.0153 | 0.0236 | 0.0324 |
|               | 0.0418 | 0.0518 | 0.0623 | 0.0733 | 0.0847 |
|               | 0.0966 | 0.1088 | 0.1214 | 0.1344 | 0.1478 |
|               | 0.1616 | 0.1758 | 0.1904 | 0.2054 | 0.2208 |
|               | 0.2366 | 0.2527 | 0.2693 | 0.2863 | 0.3038 |
|               | 0.3216 | 0.3399 | 0.3587 | 0.3778 | 0.3974 |
|               | 0.4175 | 0.4379 | 0.4588 | 0.4802 | 0.5019 |
|               | 0.5241 | 0.5467 | 0.5698 | 0.5937 | 0.6190 |
|               | 0.6458 | 0.6754 | 0.7106 | 0.7501 | 0.7902 |
|               | 0.8307 | 0.8720 | 0.9140 | 0.9566 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0219 | 0.0450 | 0.0841 | 0.1210 | 0.1561 |
|               | 0.1896 | 0.2219 | 0.2530 | 0.2854 | 0.3187 |
|               | 0.3512 | 0.3830 | 0.4142 | 0.4448 | 0.4749 |
|               | 0.5046 | 0.5338 | 0.5626 | 0.5910 | 0.6191 |
|               | 0.6469 | 0.6744 | 0.7006 | 0.7261 | 0.7514 |
|               | 0.7766 | 0.8016 | 0.8264 | 0.8511 | 0.8757 |
|               | 0.9001 | 0.9245 | 0.9487 | 0.9729 | 0.9969 |
|               | 1.0209 | 1.0447 | 1.0654 | 1.0536 | 1.0382 |
|               | 1.0266 | 0.9715 | 0.8843 | 0.8231 | 0.8577 |
|               | 0.8879 | 0.9162 | 0.9444 | 0.9723 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0873 | 0.1701 | 0.1828 | 0.1955 | 0.2082 |
|               | 0.2209 | 0.2336 | 0.2463 | 0.2570 | 0.2660 |
|               | 0.2750 | 0.2841 | 0.2931 | 0.3021 | 0.3112 |
|               | 0.3202 | 0.3292 | 0.3382 | 0.3473 | 0.3563 |
|               | 0.3653 | 0.3744 | 0.3839 | 0.3938 | 0.4037 |
|               | 0.4136 | 0.4235 | 0.4334 | 0.4433 | 0.4532 |

|               |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|
|               | 0.4631 | 0.4729 | 0.4828 | 0.4927 | 0.5026 |
|               | 0.5125 | 0.5224 | 0.5339 | 0.5626 | 0.5954 |
|               | 0.6285 | 0.7360 | 0.8739 | 0.9112 | 0.9211 |
|               | 0.9355 | 0.9516 | 0.9677 | 0.9839 | 1.0000 |
| Transect A109 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0006 | 0.0025 | 0.0057 | 0.0102 | 0.0159 |
|               | 0.0225 | 0.0298 | 0.0377 | 0.0463 | 0.0555 |
|               | 0.0653 | 0.0757 | 0.0866 | 0.0982 | 0.1103 |
|               | 0.1231 | 0.1364 | 0.1504 | 0.1650 | 0.1804 |
|               | 0.1965 | 0.2133 | 0.2308 | 0.2490 | 0.2679 |
|               | 0.2876 | 0.3080 | 0.3292 | 0.3511 | 0.3738 |
|               | 0.3972 | 0.4215 | 0.4469 | 0.4735 | 0.5012 |
|               | 0.5299 | 0.5591 | 0.5887 | 0.6187 | 0.6494 |
|               | 0.6809 | 0.7133 | 0.7466 | 0.7806 | 0.8153 |
|               | 0.8508 | 0.8870 | 0.9239 | 0.9616 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0183 | 0.0367 | 0.0550 | 0.0733 | 0.0939 |
|               | 0.1190 | 0.1429 | 0.1666 | 0.1909 | 0.2144 |
|               | 0.2373 | 0.2597 | 0.2817 | 0.3032 | 0.3245 |
|               | 0.3455 | 0.3663 | 0.3857 | 0.4026 | 0.4196 |
|               | 0.4367 | 0.4546 | 0.4728 | 0.4909 | 0.5091 |
|               | 0.5256 | 0.5423 | 0.5591 | 0.5760 | 0.5930 |
|               | 0.6101 | 0.6220 | 0.6294 | 0.6378 | 0.6471 |
|               | 0.6700 | 0.6965 | 0.7229 | 0.7489 | 0.7743 |
|               | 0.7986 | 0.8173 | 0.8404 | 0.8643 | 0.8878 |
|               | 0.9109 | 0.9337 | 0.9561 | 0.9782 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0329 | 0.0658 | 0.0986 | 0.1315 | 0.1601 |
|               | 0.1785 | 0.1968 | 0.2140 | 0.2293 | 0.2446 |
|               | 0.2598 | 0.2751 | 0.2904 | 0.3057 | 0.3210 |
|               | 0.3363 | 0.3516 | 0.3680 | 0.3869 | 0.4057 |
|               | 0.4246 | 0.4428 | 0.4608 | 0.4788 | 0.4968 |
|               | 0.5164 | 0.5360 | 0.5556 | 0.5752 | 0.5948 |
|               | 0.6144 | 0.6396 | 0.6701 | 0.7006 | 0.7311 |
|               | 0.7465 | 0.7576 | 0.7686 | 0.7826 | 0.8021 |
|               | 0.8220 | 0.8471 | 0.8673 | 0.8863 | 0.9052 |
|               | 0.9242 | 0.9431 | 0.9621 | 0.9810 | 1.0000 |
| Transect A113 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0010 | 0.0035 | 0.0067 | 0.0107 | 0.0154 |
|               | 0.0208 | 0.0270 | 0.0339 | 0.0415 | 0.0500 |
|               | 0.0592 | 0.0690 | 0.0793 | 0.0902 | 0.1016 |
|               | 0.1136 | 0.1261 | 0.1392 | 0.1528 | 0.1670 |
|               | 0.1818 | 0.1971 | 0.2140 | 0.2342 | 0.2555 |
|               | 0.2776 | 0.3006 | 0.3244 | 0.3489 | 0.3737 |
|               | 0.3987 | 0.4240 | 0.4498 | 0.4761 | 0.5030 |
|               | 0.5307 | 0.5593 | 0.5902 | 0.6216 | 0.6534 |
|               | 0.6857 | 0.7184 | 0.7516 | 0.7854 | 0.8198 |
|               | 0.8548 | 0.8904 | 0.9264 | 0.9630 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0189 | 0.0455 | 0.0703 | 0.0931 | 0.1147 |
|               | 0.1361 | 0.1560 | 0.1751 | 0.1941 | 0.2131 |
|               | 0.2342 | 0.2585 | 0.2818 | 0.3048 | 0.3273 |
|               | 0.3495 | 0.3713 | 0.3925 | 0.4135 | 0.4343 |
|               | 0.4550 | 0.4694 | 0.4639 | 0.4241 | 0.4433 |
|               | 0.4635 | 0.4840 | 0.5044 | 0.5326 | 0.5652 |
|               | 0.5975 | 0.6224 | 0.6468 | 0.6709 | 0.6926 |
|               | 0.7057 | 0.7034 | 0.7077 | 0.7348 | 0.7617 |
|               | 0.7884 | 0.8138 | 0.8358 | 0.8576 | 0.8793 |
|               | 0.9025 | 0.9255 | 0.9484 | 0.9729 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0524 | 0.0777 | 0.0972 | 0.1167 | 0.1363 |
|               | 0.1553 | 0.1753 | 0.1962 | 0.2171 | 0.2380 |
|               | 0.2565 | 0.2708 | 0.2854 | 0.3001 | 0.3148 |
|               | 0.3295 | 0.3443 | 0.3594 | 0.3746 | 0.3897 |
|               | 0.4049 | 0.4256 | 0.5056 | 0.5599 | 0.5843 |
|               | 0.6073 | 0.6297 | 0.6521 | 0.6638 | 0.6693 |
|               | 0.6747 | 0.6882 | 0.7020 | 0.7158 | 0.7320 |
|               | 0.7575 | 0.8007 | 0.8395 | 0.8509 | 0.8623 |
|               | 0.8737 | 0.8862 | 0.9024 | 0.9186 | 0.9347 |
|               | 0.9491 | 0.9635 | 0.9779 | 0.9903 | 1.0000 |
| Transect A114 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0028 | 0.0095 | 0.0168 | 0.0246 | 0.0327 |
|               | 0.0413 | 0.0503 | 0.0598 | 0.0697 | 0.0800 |
|               | 0.0908 | 0.1020 | 0.1136 | 0.1257 | 0.1382 |
|               | 0.1515 | 0.1655 | 0.1802 | 0.1956 | 0.2117 |
|               | 0.2285 | 0.2465 | 0.2659 | 0.2864 | 0.3077 |
|               | 0.3295 | 0.3518 | 0.3747 | 0.3980 | 0.4219 |
|               | 0.4463 | 0.4712 | 0.4966 | 0.5224 | 0.5484 |
|               | 0.5748 | 0.6016 | 0.6288 | 0.6563 | 0.6842 |
|               | 0.7125 | 0.7411 | 0.7701 | 0.8000 | 0.8308 |
|               | 0.8627 | 0.8955 | 0.9293 | 0.9641 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0187 | 0.0502 | 0.0835 | 0.1151 | 0.1454 |
|               | 0.1745 | 0.2025 | 0.2298 | 0.2562 | 0.2820 |
|               | 0.3073 | 0.3320 | 0.3562 | 0.3801 | 0.3973 |
|               | 0.4129 | 0.4288 | 0.4448 | 0.4610 | 0.4775 |
|               | 0.4892 | 0.4907 | 0.4944 | 0.5067 | 0.5310 |
|               | 0.5550 | 0.5788 | 0.6024 | 0.6257 | 0.6488 |
|               | 0.6718 | 0.6945 | 0.7209 | 0.7480 | 0.7734 |
|               | 0.7986 | 0.8235 | 0.8482 | 0.8727 | 0.8970 |
|               | 0.9211 | 0.9449 | 0.9631 | 0.9670 | 0.9718 |
|               | 0.9775 | 0.9847 | 0.9926 | 1.0010 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.1519 | 0.1934 | 0.2052 | 0.2171 | 0.2289 |
|               | 0.2407 | 0.2526 | 0.2644 | 0.2762 | 0.2881 |
|               | 0.2999 | 0.3118 | 0.3236 | 0.3354 | 0.3529 |
|               | 0.3722 | 0.3915 | 0.4109 | 0.4303 | 0.4497 |

|               |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|
|               | 0.4740 | 0.5099 | 0.5457 | 0.5738 | 0.5881 |
|               | 0.6024 | 0.6167 | 0.6310 | 0.6454 | 0.6597 |
|               | 0.6740 | 0.6883 | 0.6982 | 0.7068 | 0.7169 |
|               | 0.7269 | 0.7370 | 0.7470 | 0.7570 | 0.7671 |
|               | 0.7771 | 0.7872 | 0.8019 | 0.8293 | 0.8566 |
|               | 0.8838 | 0.9103 | 0.9368 | 0.9633 | 1.0000 |
| Transect A116 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0004 | 0.0017 | 0.0038 | 0.0068 | 0.0106 |
|               | 0.0149 | 0.0198 | 0.0254 | 0.0315 | 0.0382 |
|               | 0.0455 | 0.0532 | 0.0614 | 0.0698 | 0.0786 |
|               | 0.0876 | 0.0970 | 0.1066 | 0.1165 | 0.1267 |
|               | 0.1372 | 0.1480 | 0.1591 | 0.1705 | 0.1841 |
|               | 0.1992 | 0.2151 | 0.2317 | 0.2491 | 0.2673 |
|               | 0.2883 | 0.3124 | 0.3384 | 0.3665 | 0.3964 |
|               | 0.4283 | 0.4617 | 0.4958 | 0.5307 | 0.5663 |
|               | 0.6042 | 0.6444 | 0.6858 | 0.7279 | 0.7708 |
|               | 0.8146 | 0.8593 | 0.9048 | 0.9514 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0248 | 0.0495 | 0.0743 | 0.0991 | 0.1297 |
|               | 0.1595 | 0.1881 | 0.2160 | 0.2433 | 0.2701 |
|               | 0.2966 | 0.3310 | 0.3650 | 0.4011 | 0.4365 |
|               | 0.4711 | 0.5052 | 0.5386 | 0.5715 | 0.6040 |
|               | 0.6360 | 0.6676 | 0.6988 | 0.7297 | 0.7500 |
|               | 0.7665 | 0.7840 | 0.8020 | 0.8149 | 0.8228 |
|               | 0.8252 | 0.8245 | 0.8203 | 0.8165 | 0.8151 |
|               | 0.8160 | 0.6861 | 0.7192 | 0.7519 | 0.7843 |
|               | 0.7543 | 0.7812 | 0.8100 | 0.8455 | 0.8790 |
|               | 0.9122 | 0.9452 | 0.9779 | 0.9917 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0172 | 0.0345 | 0.0517 | 0.0690 | 0.0815 |
|               | 0.0935 | 0.1054 | 0.1173 | 0.1292 | 0.1412 |
|               | 0.1531 | 0.1606 | 0.1679 | 0.1738 | 0.1796 |
|               | 0.1855 | 0.1914 | 0.1973 | 0.2032 | 0.2091 |
|               | 0.2150 | 0.2209 | 0.2267 | 0.2326 | 0.2394 |
|               | 0.3137 | 0.3280 | 0.3423 | 0.3586 | 0.3769 |
|               | 0.4660 | 0.5055 | 0.5464 | 0.5853 | 0.6242 |
|               | 0.6631 | 0.6811 | 0.6963 | 0.7115 | 0.7267 |
|               | 0.8000 | 0.8228 | 0.8436 | 0.8582 | 0.8753 |
|               | 0.8925 | 0.9097 | 0.9268 | 0.9605 | 1.0000 |
| Transect A16  |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0011 | 0.0048 | 0.0125 | 0.0220 | 0.0320 |
|               | 0.0425 | 0.0534 | 0.0649 | 0.0769 | 0.0894 |
|               | 0.1028 | 0.1169 | 0.1318 | 0.1475 | 0.1640 |
|               | 0.1815 | 0.2000 | 0.2192 | 0.2391 | 0.2596 |
|               | 0.2807 | 0.3024 | 0.3248 | 0.3477 | 0.3708 |
|               | 0.3941 | 0.4175 | 0.4412 | 0.4650 | 0.4890 |
|               | 0.5132 | 0.5375 | 0.5619 | 0.5865 | 0.6113 |
|               | 0.6362 | 0.6612 | 0.6864 | 0.7117 | 0.7372 |
|               | 0.7628 | 0.7885 | 0.8144 | 0.8405 | 0.8667 |
|               | 0.8930 | 0.9195 | 0.9461 | 0.9728 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0139 | 0.0261 | 0.0378 | 0.0631 | 0.0872 |
|               | 0.1105 | 0.1329 | 0.1546 | 0.1757 | 0.1924 |
|               | 0.2086 | 0.2246 | 0.2404 | 0.2551 | 0.2682 |
|               | 0.2816 | 0.2950 | 0.3120 | 0.3301 | 0.3479 |
|               | 0.3654 | 0.3828 | 0.4000 | 0.4208 | 0.4450 |
|               | 0.4691 | 0.4930 | 0.5167 | 0.5403 | 0.5636 |
|               | 0.5874 | 0.6113 | 0.6350 | 0.6586 | 0.6821 |
|               | 0.7054 | 0.7286 | 0.7516 | 0.7746 | 0.7974 |
|               | 0.8201 | 0.8426 | 0.8651 | 0.8874 | 0.9096 |
|               | 0.9317 | 0.9537 | 0.9756 | 0.9973 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0802 | 0.2058 | 0.3363 | 0.3541 | 0.3719 |
|               | 0.3898 | 0.4076 | 0.4254 | 0.4433 | 0.4711 |
|               | 0.4992 | 0.5274 | 0.5555 | 0.5857 | 0.6198 |
|               | 0.6534 | 0.6868 | 0.7120 | 0.7342 | 0.7563 |
|               | 0.7785 | 0.8006 | 0.8228 | 0.8370 | 0.8435 |
|               | 0.8499 | 0.8564 | 0.8629 | 0.8694 | 0.8759 |
|               | 0.8815 | 0.8867 | 0.8919 | 0.8971 | 0.9024 |
|               | 0.9076 | 0.9128 | 0.9180 | 0.9233 | 0.9285 |
|               | 0.9337 | 0.9389 | 0.9442 | 0.9494 | 0.9546 |
|               | 0.9598 | 0.9651 | 0.9703 | 0.9756 | 1.0000 |
| Transect A25  |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0069 | 0.0156 | 0.0246 | 0.0340 | 0.0439 |
|               | 0.0541 | 0.0648 | 0.0759 | 0.0874 | 0.0993 |
|               | 0.1116 | 0.1243 | 0.1374 | 0.1510 | 0.1649 |
|               | 0.1793 | 0.1941 | 0.2093 | 0.2249 | 0.2409 |
|               | 0.2573 | 0.2742 | 0.2915 | 0.3093 | 0.3278 |
|               | 0.3468 | 0.3664 | 0.3866 | 0.4074 | 0.4288 |
|               | 0.4508 | 0.4733 | 0.4965 | 0.5203 | 0.5447 |
|               | 0.5698 | 0.5955 | 0.6220 | 0.6491 | 0.6770 |
|               | 0.7055 | 0.7347 | 0.7646 | 0.7952 | 0.8265 |
|               | 0.8584 | 0.8915 | 0.9261 | 0.9623 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0316 | 0.0675 | 0.1019 | 0.1350 | 0.1670 |
|               | 0.1979 | 0.2280 | 0.2573 | 0.2858 | 0.3137 |
|               | 0.3410 | 0.3678 | 0.3942 | 0.4201 | 0.4456 |
|               | 0.4707 | 0.4955 | 0.5199 | 0.5438 | 0.5675 |
|               | 0.5910 | 0.6142 | 0.6359 | 0.6527 | 0.6696 |
|               | 0.6867 | 0.7039 | 0.7212 | 0.7386 | 0.7561 |
|               | 0.7737 | 0.7914 | 0.8091 | 0.8269 | 0.8422 |
|               | 0.8571 | 0.8723 | 0.8876 | 0.9032 | 0.9189 |
|               | 0.9348 | 0.9508 | 0.9670 | 0.9833 | 0.9997 |
|               | 1.0139 | 1.0082 | 1.0004 | 0.9949 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.2198 | 0.2306 | 0.2413 | 0.2521 | 0.2628 |
|               | 0.2735 | 0.2843 | 0.2950 | 0.3057 | 0.3165 |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
|              | 0.3272 | 0.3379 | 0.3487 | 0.3594 | 0.3702 |
|              | 0.3809 | 0.3916 | 0.4025 | 0.4135 | 0.4244 |
|              | 0.4354 | 0.4464 | 0.4583 | 0.4738 | 0.4893 |
|              | 0.5049 | 0.5204 | 0.5359 | 0.5514 | 0.5669 |
|              | 0.5825 | 0.5980 | 0.6135 | 0.6290 | 0.6466 |
|              | 0.6646 | 0.6826 | 0.7006 | 0.7186 | 0.7366 |
|              | 0.7546 | 0.7726 | 0.7906 | 0.8086 | 0.8266 |
|              | 0.8465 | 0.8842 | 0.9257 | 0.9672 | 1.0000 |
| Transect A36 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
|              | 0.0014 | 0.0049 | 0.0097 | 0.0158 | 0.0227 |
|              | 0.0302 | 0.0381 | 0.0468 | 0.0582 | 0.0717 |
|              | 0.0868 | 0.1026 | 0.1188 | 0.1354 | 0.1525 |
|              | 0.1701 | 0.1881 | 0.2066 | 0.2255 | 0.2449 |
|              | 0.2648 | 0.2851 | 0.3058 | 0.3269 | 0.3484 |
|              | 0.3704 | 0.3927 | 0.4155 | 0.4386 | 0.4621 |
|              | 0.4860 | 0.5102 | 0.5348 | 0.5598 | 0.5851 |
|              | 0.6108 | 0.6368 | 0.6631 | 0.6898 | 0.7167 |
|              | 0.7440 | 0.7716 | 0.7995 | 0.8277 | 0.8562 |
|              | 0.8848 | 0.9134 | 0.9422 | 0.9710 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0147 | 0.0345 | 0.0517 | 0.0685 | 0.0918 |
|              | 0.1144 | 0.1360 | 0.1552 | 0.1673 | 0.1780 |
|              | 0.1624 | 0.1864 | 0.2100 | 0.2330 | 0.2554 |
|              | 0.2773 | 0.2989 | 0.3201 | 0.3410 | 0.3616 |
|              | 0.3827 | 0.4037 | 0.4244 | 0.4448 | 0.4650 |
|              | 0.4851 | 0.5049 | 0.5253 | 0.5458 | 0.5661 |
|              | 0.5863 | 0.6063 | 0.6261 | 0.6457 | 0.6653 |
|              | 0.6850 | 0.7056 | 0.7261 | 0.7464 | 0.7665 |
|              | 0.7866 | 0.8065 | 0.8263 | 0.8460 | 0.8710 |
|              | 0.8969 | 0.9228 | 0.9486 | 0.9744 | 1.0000 |
| Width:       |        |        |        |        |        |
|              | 0.0973 | 0.1425 | 0.1877 | 0.2305 | 0.2479 |
|              | 0.2639 | 0.2799 | 0.3451 | 0.4309 | 0.4991 |
|              | 0.5350 | 0.5505 | 0.5659 | 0.5813 | 0.5973 |
|              | 0.6134 | 0.6294 | 0.6455 | 0.6615 | 0.6776 |
|              | 0.6921 | 0.7064 | 0.7208 | 0.7351 | 0.7494 |
|              | 0.7637 | 0.7780 | 0.7911 | 0.8038 | 0.8164 |
|              | 0.8290 | 0.8417 | 0.8543 | 0.8669 | 0.8796 |
|              | 0.8917 | 0.9026 | 0.9134 | 0.9243 | 0.9351 |
|              | 0.9460 | 0.9568 | 0.9677 | 0.9785 | 0.9831 |
|              | 0.9865 | 0.9898 | 0.9932 | 0.9966 | 1.0000 |
| Transect A50 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
|              | 0.0020 | 0.0078 | 0.0169 | 0.0267 | 0.0369 |
|              | 0.0476 | 0.0587 | 0.0703 | 0.0824 | 0.0950 |
|              | 0.1080 | 0.1215 | 0.1354 | 0.1498 | 0.1647 |
|              | 0.1800 | 0.1958 | 0.2120 | 0.2288 | 0.2460 |
|              | 0.2636 | 0.2818 | 0.3005 | 0.3196 | 0.3393 |
|              | 0.3595 | 0.3802 | 0.4013 | 0.4230 | 0.4452 |
|              | 0.4678 | 0.4910 | 0.5147 | 0.5388 | 0.5635 |
|              | 0.5887 | 0.6144 | 0.6408 | 0.6678 | 0.6952 |
|              | 0.7230 | 0.7513 | 0.7799 | 0.8090 | 0.8385 |
|              | 0.8684 | 0.8988 | 0.9308 | 0.9647 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0181 | 0.0362 | 0.0642 | 0.0966 | 0.1277 |
|              | 0.1576 | 0.1866 | 0.2147 | 0.2420 | 0.2687 |
|              | 0.2947 | 0.3202 | 0.3452 | 0.3698 | 0.3940 |
|              | 0.4177 | 0.4412 | 0.4643 | 0.4870 | 0.5092 |
|              | 0.5311 | 0.5523 | 0.5733 | 0.5941 | 0.6148 |
|              | 0.6354 | 0.6558 | 0.6762 | 0.6964 | 0.7165 |
|              | 0.7365 | 0.7565 | 0.7764 | 0.7961 | 0.8159 |
|              | 0.8355 | 0.8507 | 0.8652 | 0.8845 | 0.9062 |
|              | 0.9278 | 0.9492 | 0.9705 | 0.9917 | 1.0127 |
|              | 1.0336 | 1.0387 | 1.0111 | 0.9916 | 1.0000 |
| Width:       |        |        |        |        |        |
|              | 0.1094 | 0.2187 | 0.2663 | 0.2792 | 0.2922 |
|              | 0.3052 | 0.3181 | 0.3311 | 0.3441 | 0.3571 |
|              | 0.3700 | 0.3830 | 0.3960 | 0.4089 | 0.4219 |
|              | 0.4349 | 0.4478 | 0.4608 | 0.4739 | 0.4873 |
|              | 0.5008 | 0.5147 | 0.5287 | 0.5426 | 0.5566 |
|              | 0.5706 | 0.5846 | 0.5985 | 0.6125 | 0.6265 |
|              | 0.6404 | 0.6544 | 0.6684 | 0.6823 | 0.6963 |
|              | 0.7103 | 0.7280 | 0.7466 | 0.7606 | 0.7722 |
|              | 0.7837 | 0.7952 | 0.8067 | 0.8182 | 0.8298 |
|              | 0.8413 | 0.8659 | 0.9211 | 0.9733 | 1.0000 |
| Transect A57 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
|              | 0.0025 | 0.0100 | 0.0195 | 0.0296 | 0.0402 |
|              | 0.0514 | 0.0631 | 0.0753 | 0.0881 | 0.1014 |
|              | 0.1153 | 0.1297 | 0.1446 | 0.1601 | 0.1761 |
|              | 0.1927 | 0.2098 | 0.2274 | 0.2455 | 0.2641 |
|              | 0.2831 | 0.3023 | 0.3218 | 0.3416 | 0.3617 |
|              | 0.3821 | 0.4027 | 0.4237 | 0.4449 | 0.4665 |
|              | 0.4883 | 0.5105 | 0.5332 | 0.5562 | 0.5797 |
|              | 0.6036 | 0.6279 | 0.6526 | 0.6778 | 0.7033 |
|              | 0.7293 | 0.7559 | 0.7835 | 0.8121 | 0.8417 |
|              | 0.8722 | 0.9033 | 0.9350 | 0.9672 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0169 | 0.0365 | 0.0673 | 0.0967 | 0.1247 |
|              | 0.1518 | 0.1778 | 0.2031 | 0.2277 | 0.2516 |
|              | 0.2751 | 0.2980 | 0.3205 | 0.3426 | 0.3643 |
|              | 0.3861 | 0.4078 | 0.4293 | 0.4506 | 0.4738 |
|              | 0.4995 | 0.5249 | 0.5499 | 0.5747 | 0.5992 |
|              | 0.6234 | 0.6474 | 0.6711 | 0.6946 | 0.7179 |
|              | 0.7395 | 0.7582 | 0.7768 | 0.7953 | 0.8138 |
|              | 0.8321 | 0.8504 | 0.8685 | 0.8867 | 0.9047 |
|              | 0.9227 | 0.9240 | 0.9240 | 0.9252 | 0.9273 |
|              | 0.9359 | 0.9519 | 0.9679 | 0.9840 | 1.0000 |
| Width:       |        |        |        |        |        |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
|              | 0.1525 | 0.2798 | 0.2962 | 0.3127 | 0.3291 |
|              | 0.3455 | 0.3619 | 0.3783 | 0.3947 | 0.4111 |
|              | 0.4275 | 0.4439 | 0.4603 | 0.4767 | 0.4932 |
|              | 0.5091 | 0.5246 | 0.5402 | 0.5557 | 0.5682 |
|              | 0.5769 | 0.5857 | 0.5944 | 0.6032 | 0.6119 |
|              | 0.6207 | 0.6294 | 0.6382 | 0.6469 | 0.6556 |
|              | 0.6658 | 0.6784 | 0.6910 | 0.7036 | 0.7162 |
|              | 0.7288 | 0.7415 | 0.7541 | 0.7667 | 0.7793 |
|              | 0.7919 | 0.8195 | 0.8493 | 0.8792 | 0.9090 |
|              | 0.9331 | 0.9498 | 0.9665 | 0.9833 | 1.0000 |
| Transect A70 |        |        |        |        |        |
| Area:        | 0.0002 | 0.0007 | 0.0015 | 0.0027 | 0.0051 |
|              | 0.0099 | 0.0173 | 0.0278 | 0.0433 | 0.0599 |
|              | 0.0768 | 0.0939 | 0.1114 | 0.1291 | 0.1472 |
|              | 0.1657 | 0.1846 | 0.2038 | 0.2233 | 0.2431 |
|              | 0.2632 | 0.2836 | 0.3044 | 0.3256 | 0.3471 |
|              | 0.3690 | 0.3911 | 0.4135 | 0.4363 | 0.4593 |
|              | 0.4826 | 0.5063 | 0.5303 | 0.5546 | 0.5793 |
|              | 0.6045 | 0.6303 | 0.6571 | 0.6846 | 0.7124 |
|              | 0.7404 | 0.7685 | 0.7968 | 0.8253 | 0.8540 |
|              | 0.8828 | 0.9118 | 0.9409 | 0.9702 | 1.0000 |
| Hrad:        | 0.0153 | 0.0305 | 0.0458 | 0.0610 | 0.0635 |
|              | 0.0641 | 0.0718 | 0.0807 | 0.0801 | 0.1091 |
|              | 0.1376 | 0.1656 | 0.1927 | 0.2194 | 0.2442 |
|              | 0.2682 | 0.2940 | 0.3194 | 0.3446 | 0.3697 |
|              | 0.3945 | 0.4163 | 0.4378 | 0.4607 | 0.4833 |
|              | 0.5066 | 0.5298 | 0.5526 | 0.5750 | 0.5972 |
|              | 0.6188 | 0.6401 | 0.6609 | 0.6812 | 0.6990 |
|              | 0.7134 | 0.7278 | 0.7253 | 0.7441 | 0.7684 |
|              | 0.7932 | 0.8177 | 0.8422 | 0.8671 | 0.8920 |
|              | 0.9168 | 0.9414 | 0.9660 | 0.9835 | 1.0000 |
| Width:       | 0.0114 | 0.0229 | 0.0343 | 0.0457 | 0.1145 |
|              | 0.2010 | 0.2939 | 0.4215 | 0.5507 | 0.5591 |
|              | 0.5676 | 0.5763 | 0.5866 | 0.5969 | 0.6111 |
|              | 0.6262 | 0.6360 | 0.6459 | 0.6555 | 0.6647 |
|              | 0.6740 | 0.6879 | 0.7018 | 0.7131 | 0.7243 |
|              | 0.7341 | 0.7438 | 0.7536 | 0.7637 | 0.7738 |
|              | 0.7845 | 0.7952 | 0.8064 | 0.8180 | 0.8324 |
|              | 0.8510 | 0.8695 | 0.9098 | 0.9238 | 0.9304 |
|              | 0.9364 | 0.9424 | 0.9484 | 0.9538 | 0.9589 |
|              | 0.9641 | 0.9692 | 0.9744 | 0.9867 | 1.0000 |
| Transect A72 |        |        |        |        |        |
| Area:        | 0.0004 | 0.0015 | 0.0034 | 0.0060 | 0.0094 |
|              | 0.0135 | 0.0184 | 0.0244 | 0.0330 | 0.0429 |
|              | 0.0541 | 0.0665 | 0.0801 | 0.0947 | 0.1101 |
|              | 0.1260 | 0.1424 | 0.1594 | 0.1769 | 0.1950 |
|              | 0.2135 | 0.2325 | 0.2518 | 0.2716 | 0.2917 |
|              | 0.3122 | 0.3331 | 0.3544 | 0.3761 | 0.3986 |
|              | 0.4223 | 0.4474 | 0.4739 | 0.5016 | 0.5302 |
|              | 0.5595 | 0.5892 | 0.6191 | 0.6493 | 0.6798 |
|              | 0.7105 | 0.7415 | 0.7727 | 0.8042 | 0.8360 |
|              | 0.8681 | 0.9005 | 0.9333 | 0.9664 | 1.0000 |
| Hrad:        | 0.0170 | 0.0340 | 0.0510 | 0.0680 | 0.0850 |
|              | 0.1020 | 0.1190 | 0.1122 | 0.1207 | 0.1384 |
|              | 0.1560 | 0.1739 | 0.1934 | 0.2129 | 0.2390 |
|              | 0.2646 | 0.2896 | 0.3141 | 0.3381 | 0.3617 |
|              | 0.3871 | 0.4128 | 0.4382 | 0.4632 | 0.4879 |
|              | 0.5124 | 0.5365 | 0.5604 | 0.5797 | 0.5871 |
|              | 0.5881 | 0.5892 | 0.5949 | 0.6017 | 0.6215 |
|              | 0.6428 | 0.6706 | 0.6983 | 0.7257 | 0.7530 |
|              | 0.7800 | 0.8069 | 0.8335 | 0.8600 | 0.8863 |
|              | 0.9103 | 0.9329 | 0.9554 | 0.9778 | 1.0000 |
| Width:       | 0.0223 | 0.0446 | 0.0669 | 0.0892 | 0.1115 |
|              | 0.1338 | 0.1560 | 0.2193 | 0.2756 | 0.3125 |
|              | 0.3494 | 0.3854 | 0.4171 | 0.4481 | 0.4639 |
|              | 0.4797 | 0.4955 | 0.5113 | 0.5271 | 0.5429 |
|              | 0.5556 | 0.5672 | 0.5788 | 0.5903 | 0.6019 |
|              | 0.6135 | 0.6251 | 0.6366 | 0.6532 | 0.6836 |
|              | 0.7230 | 0.7647 | 0.8021 | 0.8394 | 0.8587 |
|              | 0.8757 | 0.8834 | 0.8911 | 0.8988 | 0.9065 |
|              | 0.9142 | 0.9219 | 0.9296 | 0.9373 | 0.9450 |
|              | 0.9550 | 0.9663 | 0.9775 | 0.9888 | 1.0000 |
| Transect A80 |        |        |        |        |        |
| Area:        | 0.0012 | 0.0046 | 0.0105 | 0.0182 | 0.0264 |
|              | 0.0351 | 0.0441 | 0.0536 | 0.0635 | 0.0739 |
|              | 0.0846 | 0.0958 | 0.1074 | 0.1193 | 0.1318 |
|              | 0.1446 | 0.1578 | 0.1713 | 0.1853 | 0.1997 |
|              | 0.2144 | 0.2296 | 0.2451 | 0.2610 | 0.2774 |
|              | 0.2943 | 0.3115 | 0.3293 | 0.3474 | 0.3660 |
|              | 0.3851 | 0.4045 | 0.4246 | 0.4452 | 0.4663 |
|              | 0.4881 | 0.5103 | 0.5333 | 0.5573 | 0.5824 |
|              | 0.6085 | 0.6378 | 0.6779 | 0.7213 | 0.7656 |
|              | 0.8106 | 0.8565 | 0.9033 | 0.9512 | 1.0000 |
| Hrad:        | 0.0248 | 0.0497 | 0.0745 | 0.1123 | 0.1550 |
|              | 0.1959 | 0.2352 | 0.2732 | 0.3100 | 0.3459 |
|              | 0.3808 | 0.4149 | 0.4483 | 0.4810 | 0.5134 |
|              | 0.5462 | 0.5785 | 0.6103 | 0.6416 | 0.6726 |
|              | 0.7032 | 0.7334 | 0.7623 | 0.7897 | 0.8168 |
|              | 0.8438 | 0.8707 | 0.8974 | 0.9241 | 0.9506 |
|              | 0.9770 | 1.0011 | 1.0214 | 1.0420 | 1.0628 |
|              | 1.0837 | 1.1049 | 1.1126 | 1.1112 | 1.1120 |
|              | 1.1148 | 0.8397 | 0.7821 | 0.8106 | 0.8453 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
|        | 0.8796 | 0.9116 | 0.9413 | 0.9707 | 1.0000 |
| Width: |        |        |        |        |        |
|        | 0.0471 | 0.0942 | 0.1413 | 0.1628 | 0.1712 |
|        | 0.1797 | 0.1881 | 0.1966 | 0.2050 | 0.2135 |
|        | 0.2220 | 0.2304 | 0.2389 | 0.2473 | 0.2556 |
|        | 0.2635 | 0.2713 | 0.2792 | 0.2870 | 0.2949 |
|        | 0.3027 | 0.3106 | 0.3189 | 0.3278 | 0.3367 |
|        | 0.3457 | 0.3546 | 0.3635 | 0.3724 | 0.3814 |
|        | 0.3903 | 0.4001 | 0.4116 | 0.4231 | 0.4345 |
|        | 0.4460 | 0.4575 | 0.4749 | 0.4972 | 0.5195 |
|        | 0.5418 | 0.7575 | 0.8656 | 0.8889 | 0.9049 |
|        | 0.9209 | 0.9390 | 0.9593 | 0.9797 | 1.0000 |

Transect A81

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

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

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

Transect A85

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

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

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

Transect A87

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

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: |        |        |        |        |        |
|       | 0.0163 | 0.0327 | 0.0511 | 0.0723 | 0.0921 |
|       | 0.1125 | 0.1330 | 0.1527 | 0.1720 | 0.1915 |
|       | 0.2126 | 0.2331 | 0.2532 | 0.2730 | 0.2956 |
|       | 0.3207 | 0.3454 | 0.3697 | 0.3936 | 0.4173 |
|       | 0.4408 | 0.4642 | 0.4874 | 0.5103 | 0.5329 |
|       | 0.5554 | 0.5786 | 0.6017 | 0.6245 | 0.6472 |
|       | 0.6696 | 0.6919 | 0.7132 | 0.7342 | 0.7551 |

|                       |        |        |        |        |        |
|-----------------------|--------|--------|--------|--------|--------|
| Width:                | 0.7758 | 0.7964 | 0.8165 | 0.8348 | 0.8530 |
|                       | 0.8711 | 0.8892 | 0.9065 | 0.9218 | 0.9372 |
|                       | 0.9527 | 0.9672 | 0.9779 | 0.9888 | 1.0000 |
|                       | 0.0631 | 0.1263 | 0.1811 | 0.2180 | 0.2550 |
|                       | 0.2880 | 0.3181 | 0.3481 | 0.3782 | 0.4066 |
|                       | 0.4307 | 0.4547 | 0.4788 | 0.5028 | 0.5210 |
|                       | 0.5341 | 0.5470 | 0.5599 | 0.5728 | 0.5857 |
|                       | 0.5983 | 0.6106 | 0.6230 | 0.6353 | 0.6476 |
|                       | 0.6599 | 0.6709 | 0.6819 | 0.6928 | 0.7038 |
|                       | 0.7148 | 0.7258 | 0.7376 | 0.7496 | 0.7615 |
| Transect A89<br>Area: | 0.7735 | 0.7854 | 0.7977 | 0.8117 | 0.8257 |
|                       | 0.8398 | 0.8538 | 0.8685 | 0.8851 | 0.9017 |
|                       | 0.9183 | 0.9358 | 0.9572 | 0.9786 | 1.0000 |
|                       | 0.0005 | 0.0018 | 0.0041 | 0.0073 | 0.0114 |
|                       | 0.0171 | 0.0254 | 0.0350 | 0.0458 | 0.0576 |
|                       | 0.0703 | 0.0839 | 0.0984 | 0.1138 | 0.1303 |
|                       | 0.1477 | 0.1657 | 0.1841 | 0.2031 | 0.2225 |
|                       | 0.2422 | 0.2623 | 0.2828 | 0.3037 | 0.3249 |
|                       | 0.3465 | 0.3685 | 0.3909 | 0.4136 | 0.4368 |
|                       | 0.4603 | 0.4842 | 0.5086 | 0.5335 | 0.5588 |
| Hrad:                 | 0.5846 | 0.6108 | 0.6375 | 0.6646 | 0.6922 |
|                       | 0.7202 | 0.7487 | 0.7777 | 0.8074 | 0.8376 |
|                       | 0.8685 | 0.9001 | 0.9324 | 0.9655 | 1.0000 |
|                       | 0.0176 | 0.0352 | 0.0528 | 0.0703 | 0.0882 |
|                       | 0.0784 | 0.1002 | 0.1209 | 0.1424 | 0.1656 |
|                       | 0.1881 | 0.2099 | 0.2312 | 0.2515 | 0.2703 |
|                       | 0.2933 | 0.3201 | 0.3464 | 0.3723 | 0.3999 |
|                       | 0.4274 | 0.4545 | 0.4813 | 0.5077 | 0.5339 |
|                       | 0.5594 | 0.5845 | 0.6094 | 0.6340 | 0.6584 |
|                       | 0.6826 | 0.7048 | 0.7265 | 0.7480 | 0.7693 |
| Width:                | 0.7906 | 0.8122 | 0.8337 | 0.8552 | 0.8765 |
|                       | 0.8977 | 0.9154 | 0.9317 | 0.9481 | 0.9645 |
|                       | 0.9781 | 0.9914 | 1.0049 | 1.0056 | 1.0000 |
|                       | 0.0259 | 0.0517 | 0.0776 | 0.1034 | 0.1288 |
|                       | 0.2185 | 0.2541 | 0.2897 | 0.3217 | 0.3477 |
|                       | 0.3737 | 0.3997 | 0.4257 | 0.4528 | 0.4821 |
|                       | 0.5037 | 0.5176 | 0.5316 | 0.5455 | 0.5563 |
|                       | 0.5667 | 0.5772 | 0.5876 | 0.5981 | 0.6085 |
|                       | 0.6194 | 0.6303 | 0.6413 | 0.6523 | 0.6632 |
|                       | 0.6742 | 0.6869 | 0.7000 | 0.7131 | 0.7262 |
| Transect A91<br>Area: | 0.7393 | 0.7519 | 0.7645 | 0.7770 | 0.7895 |
|                       | 0.8021 | 0.8177 | 0.8345 | 0.8514 | 0.8683 |
|                       | 0.8878 | 0.9078 | 0.9277 | 0.9601 | 1.0000 |
|                       | 0.0066 | 0.0151 | 0.0241 | 0.0337 | 0.0438 |
|                       | 0.0545 | 0.0658 | 0.0776 | 0.0899 | 0.1028 |
|                       | 0.1163 | 0.1303 | 0.1448 | 0.1599 | 0.1756 |
|                       | 0.1918 | 0.2084 | 0.2254 | 0.2426 | 0.2603 |
|                       | 0.2782 | 0.2965 | 0.3151 | 0.3340 | 0.3532 |
|                       | 0.3729 | 0.3930 | 0.4135 | 0.4345 | 0.4559 |
|                       | 0.4778 | 0.5001 | 0.5229 | 0.5461 | 0.5699 |
| Hrad:                 | 0.5942 | 0.6190 | 0.6443 | 0.6702 | 0.6967 |
|                       | 0.7237 | 0.7513 | 0.7795 | 0.8084 | 0.8380 |
|                       | 0.8682 | 0.8990 | 0.9311 | 0.9647 | 1.0000 |
|                       | 0.0311 | 0.0668 | 0.1004 | 0.1324 | 0.1629 |
|                       | 0.1923 | 0.2207 | 0.2482 | 0.2750 | 0.3010 |
|                       | 0.3266 | 0.3516 | 0.3761 | 0.3997 | 0.4228 |
|                       | 0.4476 | 0.4750 | 0.5018 | 0.5281 | 0.5540 |
|                       | 0.5795 | 0.6046 | 0.6293 | 0.6536 | 0.6776 |
|                       | 0.6978 | 0.7176 | 0.7372 | 0.7568 | 0.7762 |
|                       | 0.7955 | 0.8147 | 0.8338 | 0.8520 | 0.8679 |
| Width:                | 0.8838 | 0.8998 | 0.9159 | 0.9320 | 0.9482 |
|                       | 0.9642 | 0.9768 | 0.9896 | 1.0027 | 1.0160 |
|                       | 1.0295 | 1.0399 | 1.0279 | 1.0185 | 1.0000 |
|                       | 0.2260 | 0.2411 | 0.2562 | 0.2713 | 0.2864 |
|                       | 0.3015 | 0.3166 | 0.3318 | 0.3469 | 0.3620 |
|                       | 0.3771 | 0.3922 | 0.4073 | 0.4230 | 0.4390 |
|                       | 0.4521 | 0.4612 | 0.4703 | 0.4794 | 0.4885 |
|                       | 0.4976 | 0.5067 | 0.5158 | 0.5249 | 0.5340 |
|                       | 0.5461 | 0.5584 | 0.5707 | 0.5830 | 0.5953 |
|                       | 0.6076 | 0.6199 | 0.6322 | 0.6451 | 0.6600 |
| Transect A93<br>Area: | 0.6748 | 0.6897 | 0.7045 | 0.7194 | 0.7343 |
|                       | 0.7493 | 0.7673 | 0.7853 | 0.8033 | 0.8213 |
|                       | 0.8394 | 0.8602 | 0.9027 | 0.9452 | 1.0000 |
|                       | 0.0014 | 0.0055 | 0.0109 | 0.0174 | 0.0246 |
|                       | 0.0322 | 0.0402 | 0.0486 | 0.0574 | 0.0666 |
|                       | 0.0763 | 0.0863 | 0.0968 | 0.1076 | 0.1189 |
|                       | 0.1306 | 0.1427 | 0.1552 | 0.1682 | 0.1816 |
|                       | 0.1955 | 0.2098 | 0.2245 | 0.2397 | 0.2555 |
|                       | 0.2717 | 0.2883 | 0.3055 | 0.3234 | 0.3422 |
|                       | 0.3619 | 0.3826 | 0.4043 | 0.4283 | 0.4544 |
| Hrad:                 | 0.4819 | 0.5110 | 0.5424 | 0.5766 | 0.6116 |
|                       | 0.6471 | 0.6830 | 0.7195 | 0.7565 | 0.7941 |
|                       | 0.8321 | 0.8708 | 0.9107 | 0.9519 | 1.0000 |
|                       | 0.0261 | 0.0570 | 0.0955 | 0.1305 | 0.1729 |
|                       | 0.2141 | 0.2537 | 0.2919 | 0.3289 | 0.3648 |
|                       | 0.3999 | 0.4342 | 0.4678 | 0.5007 | 0.5331 |
|                       | 0.5651 | 0.5965 | 0.6258 | 0.6549 | 0.6838 |
|                       | 0.7124 | 0.7409 | 0.7691 | 0.7961 | 0.8217 |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
| Width:       | 0.8473 | 0.8729 | 0.8985 | 0.9069 | 0.9123 |
|              | 0.9196 | 0.9286 | 0.9157 | 0.8737 | 0.8736 |
|              | 0.8781 | 0.8738 | 0.8563 | 0.8515 | 0.8971 |
|              | 0.9355 | 0.9736 | 1.0113 | 1.0487 | 1.0857 |
|              | 1.1225 | 1.1449 | 1.1607 | 1.1658 | 1.0000 |
|              | 0.0504 | 0.0908 | 0.1084 | 0.1259 | 0.1341 |
|              | 0.1415 | 0.1490 | 0.1564 | 0.1638 | 0.1713 |
|              | 0.1787 | 0.1862 | 0.1936 | 0.2010 | 0.2085 |
|              | 0.2159 | 0.2234 | 0.2315 | 0.2396 | 0.2477 |
|              | 0.2558 | 0.2640 | 0.2721 | 0.2806 | 0.2897 |
| Hrad:        | 0.2987 | 0.3077 | 0.3168 | 0.3323 | 0.3497 |
|              | 0.3670 | 0.3844 | 0.4123 | 0.4583 | 0.4865 |
|              | 0.5136 | 0.5476 | 0.5936 | 0.6349 | 0.6392 |
|              | 0.6485 | 0.6579 | 0.6672 | 0.6766 | 0.6860 |
|              | 0.6953 | 0.7136 | 0.7364 | 0.7666 | 1.0000 |
| Transect A95 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
| Hrad:        | 0.0009 | 0.0035 | 0.0080 | 0.0142 | 0.0222 |
|              | 0.0317 | 0.0418 | 0.0525 | 0.0636 | 0.0752 |
|              | 0.0873 | 0.0999 | 0.1128 | 0.1260 | 0.1396 |
|              | 0.1535 | 0.1677 | 0.1823 | 0.1971 | 0.2123 |
|              | 0.2279 | 0.2438 | 0.2600 | 0.2765 | 0.2934 |
|              | 0.3106 | 0.3281 | 0.3459 | 0.3641 | 0.3826 |
|              | 0.4015 | 0.4209 | 0.4409 | 0.4616 | 0.4830 |
|              | 0.5052 | 0.5282 | 0.5519 | 0.5764 | 0.6017 |
|              | 0.6294 | 0.6601 | 0.6934 | 0.7290 | 0.7667 |
|              | 0.8074 | 0.8517 | 0.8992 | 0.9488 | 1.0000 |
| Width:       | 0.0262 | 0.0524 | 0.0785 | 0.1047 | 0.1309 |
|              | 0.1680 | 0.2109 | 0.2522 | 0.2921 | 0.3308 |
|              | 0.3684 | 0.4086 | 0.4494 | 0.4893 | 0.5286 |
|              | 0.5672 | 0.6051 | 0.6425 | 0.6793 | 0.7156 |
|              | 0.7515 | 0.7868 | 0.8218 | 0.8564 | 0.8906 |
|              | 0.9244 | 0.9580 | 0.9912 | 1.0241 | 1.0568 |
|              | 1.0828 | 1.1010 | 1.1197 | 1.1319 | 1.1431 |
|              | 1.1554 | 1.1686 | 1.1826 | 1.1973 | 1.1899 |
|              | 1.1149 | 1.0695 | 1.0405 | 1.0343 | 1.0216 |
|              | 0.9852 | 0.9639 | 0.9601 | 0.9798 | 1.0000 |
| Hrad:        | 0.0341 | 0.0682 | 0.1023 | 0.1364 | 0.1704 |
|              | 0.1898 | 0.1993 | 0.2088 | 0.2183 | 0.2279 |
|              | 0.2374 | 0.2447 | 0.2510 | 0.2573 | 0.2637 |
|              | 0.2700 | 0.2764 | 0.2827 | 0.2890 | 0.2954 |
|              | 0.3017 | 0.3080 | 0.3144 | 0.3207 | 0.3271 |
|              | 0.3334 | 0.3397 | 0.3461 | 0.3524 | 0.3588 |
|              | 0.3673 | 0.3788 | 0.3902 | 0.4042 | 0.4189 |
|              | 0.4337 | 0.4484 | 0.4631 | 0.4778 | 0.5022 |
|              | 0.5615 | 0.6144 | 0.6639 | 0.7025 | 0.7485 |
|              | 0.8181 | 0.8827 | 0.9361 | 0.9681 | 1.0000 |
| Transect A96 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
| Hrad:        | 0.0005 | 0.0020 | 0.0045 | 0.0080 | 0.0126 |
|              | 0.0179 | 0.0236 | 0.0296 | 0.0360 | 0.0426 |
|              | 0.0496 | 0.0569 | 0.0645 | 0.0724 | 0.0807 |
|              | 0.0940 | 0.1107 | 0.1319 | 0.1535 | 0.1755 |
|              | 0.1979 | 0.2206 | 0.2438 | 0.2673 | 0.2914 |
|              | 0.3159 | 0.3408 | 0.3661 | 0.3916 | 0.4175 |
|              | 0.4438 | 0.4703 | 0.4972 | 0.5244 | 0.5519 |
|              | 0.5798 | 0.6080 | 0.6365 | 0.6652 | 0.6943 |
|              | 0.7237 | 0.7533 | 0.7832 | 0.8134 | 0.8439 |
|              | 0.8746 | 0.9056 | 0.9368 | 0.9683 | 1.0000 |
| Width:       | 0.0160 | 0.0319 | 0.0479 | 0.0639 | 0.0798 |
|              | 0.1030 | 0.1284 | 0.1527 | 0.1762 | 0.1989 |
|              | 0.2210 | 0.2425 | 0.2636 | 0.2842 | 0.3038 |
|              | 0.3043 | 0.2334 | 0.1960 | 0.2243 | 0.2522 |
|              | 0.2798 | 0.3069 | 0.3325 | 0.3576 | 0.3824 |
|              | 0.4069 | 0.4332 | 0.4592 | 0.4850 | 0.5105 |
|              | 0.5357 | 0.5609 | 0.5858 | 0.6105 | 0.6350 |
|              | 0.6594 | 0.6836 | 0.7084 | 0.7330 | 0.7574 |
|              | 0.7816 | 0.8057 | 0.8296 | 0.8544 | 0.8790 |
|              | 0.9035 | 0.9278 | 0.9520 | 0.9761 | 1.0000 |
| Hrad:        | 0.0315 | 0.0631 | 0.0946 | 0.1262 | 0.1577 |
|              | 0.1742 | 0.1841 | 0.1940 | 0.2039 | 0.2138 |
|              | 0.2237 | 0.2336 | 0.2435 | 0.2534 | 0.3065 |
|              | 0.4567 | 0.6405 | 0.6734 | 0.6848 | 0.6962 |
|              | 0.7077 | 0.7191 | 0.7333 | 0.7479 | 0.7625 |
|              | 0.7768 | 0.7872 | 0.7976 | 0.8079 | 0.8183 |
|              | 0.8287 | 0.8389 | 0.8491 | 0.8593 | 0.8695 |
|              | 0.8797 | 0.8897 | 0.8988 | 0.9079 | 0.9171 |
|              | 0.9262 | 0.9353 | 0.9444 | 0.9523 | 0.9603 |
|              | 0.9682 | 0.9762 | 0.9841 | 0.9921 | 1.0000 |
| Transect A99 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
| Hrad:        | 0.0003 | 0.0013 | 0.0030 | 0.0053 | 0.0082 |
|              | 0.0117 | 0.0157 | 0.0202 | 0.0253 | 0.0308 |
|              | 0.0370 | 0.0439 | 0.0516 | 0.0601 | 0.0690 |
|              | 0.0783 | 0.0881 | 0.0983 | 0.1089 | 0.1199 |
|              | 0.1360 | 0.1539 | 0.1732 | 0.1942 | 0.2187 |
|              | 0.2444 | 0.2705 | 0.2970 | 0.3239 | 0.3512 |
|              | 0.3790 | 0.4073 | 0.4361 | 0.4655 | 0.4955 |
|              | 0.5262 | 0.5576 | 0.5897 | 0.6221 | 0.6549 |
|              | 0.6880 | 0.7214 | 0.7551 | 0.7891 | 0.8235 |
|              | 0.8581 | 0.8931 | 0.9284 | 0.9641 | 1.0000 |
| Hrad:        | 0.0180 | 0.0360 | 0.0540 | 0.0720 | 0.0922 |
|              | 0.1126 | 0.1324 | 0.1518 | 0.1709 | 0.1902 |
|              | 0.2042 | 0.2156 | 0.2284 | 0.2485 | 0.2719 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.2948 | 0.3173 | 0.3394 | 0.3611 | 0.3825 |
|        | 0.3866 | 0.3920 | 0.3998 | 0.3804 | 0.3081 |
|        | 0.3404 | 0.3723 | 0.4019 | 0.4309 | 0.4597 |
|        | 0.4881 | 0.5148 | 0.5404 | 0.5657 | 0.5903 |
|        | 0.6123 | 0.6342 | 0.6594 | 0.6890 | 0.7183 |
|        | 0.7474 | 0.7763 | 0.8050 | 0.8335 | 0.8617 |
|        | 0.8897 | 0.9176 | 0.9452 | 0.9727 | 1.0000 |
|        | 0.0183 | 0.0366 | 0.0548 | 0.0731 | 0.0889 |
|        | 0.1035 | 0.1181 | 0.1327 | 0.1473 | 0.1615 |
|        | 0.1804 | 0.2028 | 0.2252 | 0.2409 | 0.2526 |
| Hrad:  | 0.2644 | 0.2762 | 0.2880 | 0.2998 | 0.3325 |
|        | 0.4767 | 0.5157 | 0.5519 | 0.6187 | 0.7095 |
|        | 0.7178 | 0.7262 | 0.7386 | 0.7511 | 0.7637 |
|        | 0.7762 | 0.7909 | 0.8068 | 0.8228 | 0.8395 |
|        | 0.8594 | 0.8794 | 0.8944 | 0.9031 | 0.9119 |
|        | 0.9206 | 0.9293 | 0.9380 | 0.9468 | 0.9557 |
|        | 0.9645 | 0.9734 | 0.9823 | 0.9911 | 1.0000 |
|        | 0.0033 | 0.0077 | 0.0127 | 0.0185 | 0.0259 |
|        | 0.0358 | 0.0465 | 0.0582 | 0.0711 | 0.0868 |
|        | 0.1055 | 0.1252 | 0.1454 | 0.1660 | 0.1870 |
| Width: | 0.2083 | 0.2300 | 0.2519 | 0.2739 | 0.2961 |
|        | 0.3183 | 0.3407 | 0.3633 | 0.3859 | 0.4087 |
|        | 0.4316 | 0.4546 | 0.4777 | 0.5010 | 0.5243 |
|        | 0.5478 | 0.5713 | 0.5948 | 0.6183 | 0.6419 |
|        | 0.6655 | 0.6892 | 0.7129 | 0.7366 | 0.7604 |
|        | 0.7842 | 0.8080 | 0.8319 | 0.8558 | 0.8797 |
|        | 0.9037 | 0.9277 | 0.9518 | 0.9759 | 1.0000 |
|        | 0.0196 | 0.0400 | 0.0586 | 0.0718 | 0.0671 |
|        | 0.0848 | 0.1011 | 0.1159 | 0.1250 | 0.1171 |
|        | 0.1337 | 0.1523 | 0.1737 | 0.1948 | 0.2156 |
| Hrad:  | 0.2360 | 0.2563 | 0.2790 | 0.3017 | 0.3242 |
|        | 0.3465 | 0.3688 | 0.3909 | 0.4129 | 0.4348 |
|        | 0.4566 | 0.4782 | 0.4997 | 0.5212 | 0.5427 |
|        | 0.5660 | 0.5892 | 0.6124 | 0.6355 | 0.6586 |
|        | 0.6817 | 0.7047 | 0.7277 | 0.7506 | 0.7735 |
|        | 0.7963 | 0.8191 | 0.8419 | 0.8646 | 0.8873 |
|        | 0.9099 | 0.9325 | 0.9550 | 0.9775 | 1.0000 |
|        | 0.1708 | 0.1953 | 0.2198 | 0.2604 | 0.3900 |
|        | 0.4258 | 0.4641 | 0.5073 | 0.5744 | 0.7492 |
|        | 0.7967 | 0.8302 | 0.8452 | 0.8603 | 0.8753 |
| Width: | 0.8904 | 0.9052 | 0.9102 | 0.9153 | 0.9203 |
|        | 0.9254 | 0.9304 | 0.9355 | 0.9406 | 0.9456 |
|        | 0.9507 | 0.9557 | 0.9608 | 0.9658 | 0.9705 |
|        | 0.9720 | 0.9734 | 0.9749 | 0.9764 | 0.9779 |
|        | 0.9793 | 0.9808 | 0.9823 | 0.9838 | 0.9852 |
|        | 0.9867 | 0.9882 | 0.9897 | 0.9911 | 0.9926 |
|        | 0.9941 | 0.9956 | 0.9970 | 0.9985 | 1.0000 |
|        | 0.0010 | 0.0027 | 0.0051 | 0.0084 | 0.0128 |
|        | 0.0180 | 0.0241 | 0.0310 | 0.0392 | 0.0486 |
|        | 0.0585 | 0.0694 | 0.0815 | 0.0943 | 0.1079 |
| Hrad:  | 0.1237 | 0.1416 | 0.1608 | 0.1806 | 0.2009 |
|        | 0.2218 | 0.2440 | 0.2673 | 0.2915 | 0.3169 |
|        | 0.3430 | 0.3693 | 0.3956 | 0.4221 | 0.4486 |
|        | 0.4752 | 0.5018 | 0.5286 | 0.5554 | 0.5823 |
|        | 0.6093 | 0.6364 | 0.6636 | 0.6908 | 0.7182 |
|        | 0.7456 | 0.7731 | 0.8007 | 0.8285 | 0.8566 |
|        | 0.8849 | 0.9134 | 0.9422 | 0.9711 | 1.0000 |
|        | 0.0195 | 0.0388 | 0.0546 | 0.0662 | 0.0832 |
|        | 0.1003 | 0.1164 | 0.1320 | 0.1252 | 0.1464 |
|        | 0.1669 | 0.1727 | 0.1940 | 0.2130 | 0.2255 |
| Width: | 0.2200 | 0.2257 | 0.2462 | 0.2684 | 0.2905 |
|        | 0.3123 | 0.3157 | 0.3323 | 0.3495 | 0.3520 |
|        | 0.3798 | 0.4075 | 0.4352 | 0.4627 | 0.4902 |
|        | 0.5176 | 0.5449 | 0.5721 | 0.5992 | 0.6262 |
|        | 0.6532 | 0.6801 | 0.7069 | 0.7336 | 0.7602 |
|        | 0.7868 | 0.8133 | 0.8374 | 0.8589 | 0.8803 |
|        | 0.9016 | 0.9227 | 0.9455 | 0.9728 | 1.0000 |
|        | 0.0507 | 0.0711 | 0.0940 | 0.1343 | 0.1669 |
|        | 0.1959 | 0.2250 | 0.2535 | 0.3146 | 0.3333 |
|        | 0.3520 | 0.4050 | 0.4294 | 0.4566 | 0.4958 |
| Hrad:  | 0.5806 | 0.6468 | 0.6741 | 0.6953 | 0.7129 |
|        | 0.7305 | 0.7907 | 0.8214 | 0.8502 | 0.9031 |
|        | 0.9060 | 0.9088 | 0.9117 | 0.9146 | 0.9174 |
|        | 0.9203 | 0.9231 | 0.9260 | 0.9289 | 0.9317 |
|        | 0.9346 | 0.9375 | 0.9403 | 0.9432 | 0.9461 |
|        | 0.9489 | 0.9518 | 0.9573 | 0.9657 | 0.9741 |
|        | 0.9825 | 0.9909 | 0.9974 | 0.9987 | 1.0000 |
|        | 0.0006 | 0.0024 | 0.0051 | 0.0088 | 0.0142 |
|        | 0.0224 | 0.0317 | 0.0421 | 0.0536 | 0.0665 |
|        | 0.0801 | 0.0942 | 0.1089 | 0.1240 | 0.1401 |
| Hrad:  | 0.1571 | 0.1757 | 0.1956 | 0.2158 | 0.2364 |
|        | 0.2571 | 0.2782 | 0.2997 | 0.3217 | 0.3442 |
|        | 0.3674 | 0.3914 | 0.4162 | 0.4413 | 0.4665 |
|        | 0.4919 | 0.5175 | 0.5432 | 0.5691 | 0.5951 |
|        | 0.6213 | 0.6476 | 0.6740 | 0.7005 | 0.7272 |
|        | 0.7540 | 0.7809 | 0.8080 | 0.8351 | 0.8624 |
|        | 0.8898 | 0.9172 | 0.9448 | 0.9723 | 1.0000 |
|        | 0.0139 | 0.0297 | 0.0435 | 0.0561 | 0.0690 |
|        |        |        |        |        |        |
|        |        |        |        |        |        |
|        |        |        |        |        |        |

|                    |        |        |        |        |        |
|--------------------|--------|--------|--------|--------|--------|
|                    | 0.0701 | 0.0897 | 0.1063 | 0.1223 | 0.1387 |
|                    | 0.1600 | 0.1819 | 0.2034 | 0.2207 | 0.2352 |
|                    | 0.2526 | 0.2499 | 0.2695 | 0.2937 | 0.3176 |
|                    | 0.3413 | 0.3632 | 0.3822 | 0.4009 | 0.4216 |
|                    | 0.4417 | 0.4609 | 0.4621 | 0.4866 | 0.5109 |
|                    | 0.5351 | 0.5594 | 0.5838 | 0.6082 | 0.6324 |
|                    | 0.6565 | 0.6810 | 0.7054 | 0.7297 | 0.7538 |
|                    | 0.7779 | 0.8019 | 0.8258 | 0.8496 | 0.8742 |
|                    | 0.8995 | 0.9247 | 0.9499 | 0.9750 | 1.0000 |
| Width:             |        |        |        |        |        |
|                    | 0.0442 | 0.0799 | 0.1165 | 0.1582 | 0.2545 |
|                    | 0.3199 | 0.3543 | 0.3968 | 0.4397 | 0.4806 |
|                    | 0.5019 | 0.5192 | 0.5364 | 0.5632 | 0.5969 |
|                    | 0.6387 | 0.7048 | 0.7271 | 0.7364 | 0.7457 |
|                    | 0.7550 | 0.7673 | 0.7856 | 0.8039 | 0.8216 |
|                    | 0.8520 | 0.8824 | 0.9021 | 0.9083 | 0.9144 |
|                    | 0.9205 | 0.9263 | 0.9316 | 0.9368 | 0.9420 |
|                    | 0.9472 | 0.9517 | 0.9562 | 0.9607 | 0.9652 |
|                    | 0.9697 | 0.9742 | 0.9787 | 0.9833 | 0.9867 |
|                    | 0.9894 | 0.9920 | 0.9947 | 0.9973 | 1.0000 |
| Transect T-C118    |        |        |        |        |        |
| Area:              |        |        |        |        |        |
|                    | 0.0001 | 0.0004 | 0.0009 | 0.0016 | 0.0026 |
|                    | 0.0054 | 0.0096 | 0.0149 | 0.0213 | 0.0309 |
|                    | 0.0433 | 0.0563 | 0.0700 | 0.0846 | 0.0999 |
|                    | 0.1156 | 0.1316 | 0.1480 | 0.1649 | 0.1823 |
|                    | 0.2011 | 0.2205 | 0.2402 | 0.2603 | 0.2807 |
|                    | 0.3016 | 0.3228 | 0.3443 | 0.3660 | 0.3881 |
|                    | 0.4111 | 0.4353 | 0.4599 | 0.4850 | 0.5108 |
|                    | 0.5389 | 0.5685 | 0.5987 | 0.6295 | 0.6607 |
|                    | 0.6926 | 0.7261 | 0.7599 | 0.7938 | 0.8278 |
|                    | 0.8620 | 0.8963 | 0.9308 | 0.9653 | 1.0000 |
| Hrad:              |        |        |        |        |        |
|                    | 0.0174 | 0.0347 | 0.0521 | 0.0695 | 0.0810 |
|                    | 0.0734 | 0.0843 | 0.0997 | 0.1123 | 0.1009 |
|                    | 0.1251 | 0.1508 | 0.1750 | 0.1983 | 0.2240 |
|                    | 0.2544 | 0.2833 | 0.3096 | 0.3350 | 0.3580 |
|                    | 0.3643 | 0.3927 | 0.4207 | 0.4472 | 0.4730 |
|                    | 0.4990 | 0.5269 | 0.5545 | 0.5819 | 0.6022 |
|                    | 0.5965 | 0.6210 | 0.6452 | 0.6659 | 0.6841 |
|                    | 0.6384 | 0.6629 | 0.6841 | 0.7063 | 0.7299 |
|                    | 0.7435 | 0.7500 | 0.7815 | 0.8128 | 0.8441 |
|                    | 0.8752 | 0.9061 | 0.9371 | 0.9686 | 1.0000 |
| Width:             |        |        |        |        |        |
|                    | 0.0056 | 0.0112 | 0.0168 | 0.0224 | 0.0476 |
|                    | 0.1061 | 0.1359 | 0.1657 | 0.2046 | 0.3467 |
|                    | 0.3660 | 0.3841 | 0.4074 | 0.4321 | 0.4474 |
|                    | 0.4557 | 0.4659 | 0.4794 | 0.4936 | 0.5107 |
|                    | 0.5536 | 0.5630 | 0.5725 | 0.5835 | 0.5951 |
|                    | 0.6060 | 0.6142 | 0.6224 | 0.6306 | 0.6462 |
|                    | 0.6910 | 0.7029 | 0.7147 | 0.7302 | 0.7685 |
|                    | 0.8464 | 0.8599 | 0.8775 | 0.8936 | 0.9074 |
|                    | 0.9336 | 0.9701 | 0.9741 | 0.9780 | 0.9820 |
|                    | 0.9859 | 0.9899 | 0.9937 | 0.9968 | 1.0000 |
| Transect T-C1450_1 |        |        |        |        |        |
| Area:              |        |        |        |        |        |
|                    | 0.0002 | 0.0006 | 0.0014 | 0.0024 | 0.0040 |
|                    | 0.0066 | 0.0105 | 0.0155 | 0.0212 | 0.0274 |
|                    | 0.0347 | 0.0439 | 0.0545 | 0.0663 | 0.0792 |
|                    | 0.0926 | 0.1064 | 0.1212 | 0.1374 | 0.1554 |
|                    | 0.1746 | 0.1949 | 0.2163 | 0.2391 | 0.2629 |
|                    | 0.2874 | 0.3126 | 0.3387 | 0.3655 | 0.3926 |
|                    | 0.4199 | 0.4473 | 0.4749 | 0.5031 | 0.5322 |
|                    | 0.5623 | 0.5926 | 0.6231 | 0.6538 | 0.6846 |
|                    | 0.7155 | 0.7465 | 0.7777 | 0.8090 | 0.8405 |
|                    | 0.8723 | 0.9041 | 0.9360 | 0.9680 | 1.0000 |
| Hrad:              |        |        |        |        |        |
|                    | 0.0160 | 0.0321 | 0.0507 | 0.0653 | 0.0631 |
|                    | 0.0636 | 0.0799 | 0.0944 | 0.1141 | 0.1408 |
|                    | 0.1615 | 0.1649 | 0.1830 | 0.1944 | 0.2030 |
|                    | 0.2275 | 0.2523 | 0.2746 | 0.2856 | 0.2640 |
|                    | 0.2934 | 0.3207 | 0.3460 | 0.3696 | 0.3927 |
|                    | 0.4155 | 0.4382 | 0.4574 | 0.4340 | 0.4639 |
|                    | 0.4933 | 0.5226 | 0.5451 | 0.5716 | 0.5981 |
|                    | 0.5973 | 0.6252 | 0.6535 | 0.6825 | 0.7117 |
|                    | 0.7409 | 0.7700 | 0.7989 | 0.8278 | 0.8489 |
|                    | 0.8794 | 0.9096 | 0.9398 | 0.9699 | 1.0000 |
| Width:             |        |        |        |        |        |
|                    | 0.0097 | 0.0194 | 0.0274 | 0.0364 | 0.0641 |
|                    | 0.1036 | 0.1413 | 0.1647 | 0.1861 | 0.2072 |
|                    | 0.2554 | 0.3060 | 0.3489 | 0.3898 | 0.4106 |
|                    | 0.4237 | 0.4428 | 0.4823 | 0.5284 | 0.5892 |
|                    | 0.6188 | 0.6451 | 0.6941 | 0.7289 | 0.7519 |
|                    | 0.7792 | 0.7960 | 0.8286 | 0.8430 | 0.8472 |
|                    | 0.8518 | 0.8566 | 0.8720 | 0.8891 | 0.9290 |
|                    | 0.9421 | 0.9486 | 0.9542 | 0.9587 | 0.9626 |
|                    | 0.9664 | 0.9703 | 0.9742 | 0.9780 | 0.9907 |
|                    | 0.9925 | 0.9943 | 0.9962 | 0.9981 | 1.0000 |
| Transect T-C61     |        |        |        |        |        |
| Area:              |        |        |        |        |        |
|                    | 0.0027 | 0.0075 | 0.0149 | 0.0282 | 0.0418 |
|                    | 0.0557 | 0.0698 | 0.0842 | 0.0989 | 0.1139 |
|                    | 0.1292 | 0.1449 | 0.1612 | 0.1780 | 0.1955 |
|                    | 0.2134 | 0.2316 | 0.2502 | 0.2692 | 0.2886 |
|                    | 0.3084 | 0.3287 | 0.3495 | 0.3706 | 0.3921 |
|                    | 0.4139 | 0.4362 | 0.4589 | 0.4822 | 0.5060 |
|                    | 0.5300 | 0.5540 | 0.5781 | 0.6023 | 0.6266 |
|                    | 0.6510 | 0.6754 | 0.6999 | 0.7245 | 0.7492 |
|                    | 0.7739 | 0.7987 | 0.8236 | 0.8485 | 0.8736 |
|                    | 0.8987 | 0.9239 | 0.9492 | 0.9745 | 1.0000 |

|                |        |        |        |        |        |
|----------------|--------|--------|--------|--------|--------|
| Hrad:          | 0.0161 | 0.0376 | 0.0298 | 0.0551 | 0.0799 |
|                | 0.1041 | 0.1280 | 0.1514 | 0.1744 | 0.1970 |
|                | 0.2193 | 0.2371 | 0.2541 | 0.2709 | 0.2883 |
|                | 0.3089 | 0.3292 | 0.3490 | 0.3666 | 0.3840 |
|                | 0.4012 | 0.4182 | 0.4351 | 0.4542 | 0.4735 |
|                | 0.4908 | 0.5056 | 0.5203 | 0.5350 | 0.5515 |
|                | 0.5751 | 0.5986 | 0.6220 | 0.6453 | 0.6684 |
|                | 0.6914 | 0.7144 | 0.7372 | 0.7598 | 0.7824 |
|                | 0.8049 | 0.8272 | 0.8495 | 0.8716 | 0.8937 |
|                | 0.9156 | 0.9374 | 0.9584 | 0.9792 | 1.0000 |
| Width:         | 0.1718 | 0.2047 | 0.5155 | 0.5265 | 0.5375 |
|                | 0.5486 | 0.5596 | 0.5707 | 0.5817 | 0.5927 |
|                | 0.6038 | 0.6261 | 0.6497 | 0.6734 | 0.6948 |
|                | 0.7077 | 0.7206 | 0.7340 | 0.7517 | 0.7693 |
|                | 0.7869 | 0.8046 | 0.8222 | 0.8352 | 0.8473 |
|                | 0.8627 | 0.8824 | 0.9022 | 0.9219 | 0.9380 |
|                | 0.9410 | 0.9439 | 0.9469 | 0.9499 | 0.9528 |
|                | 0.9558 | 0.9588 | 0.9618 | 0.9647 | 0.9677 |
|                | 0.9707 | 0.9736 | 0.9766 | 0.9796 | 0.9825 |
|                | 0.9855 | 0.9885 | 0.9923 | 0.9962 | 1.0000 |
| Transect T-C71 |        |        |        |        |        |
| Area:          | 0.0071 | 0.0144 | 0.0220 | 0.0298 | 0.0378 |
|                | 0.0461 | 0.0546 | 0.0634 | 0.0724 | 0.0817 |
|                | 0.0911 | 0.1009 | 0.1108 | 0.1211 | 0.1315 |
|                | 0.1422 | 0.1531 | 0.1643 | 0.1757 | 0.1874 |
|                | 0.1993 | 0.2118 | 0.2247 | 0.2382 | 0.2521 |
|                | 0.2666 | 0.2815 | 0.2970 | 0.3130 | 0.3296 |
|                | 0.3468 | 0.3647 | 0.3851 | 0.4096 | 0.4373 |
|                | 0.4664 | 0.4961 | 0.5266 | 0.5579 | 0.5901 |
|                | 0.6232 | 0.6571 | 0.6935 | 0.7328 | 0.7748 |
|                | 0.8195 | 0.8645 | 0.9096 | 0.9548 | 1.0000 |
| Hrad:          | 0.0446 | 0.0877 | 0.1295 | 0.1702 | 0.2098 |
|                | 0.2483 | 0.2860 | 0.3229 | 0.3590 | 0.3944 |
|                | 0.4291 | 0.4633 | 0.4969 | 0.5299 | 0.5625 |
|                | 0.5947 | 0.6264 | 0.6577 | 0.6886 | 0.7192 |
|                | 0.7393 | 0.7542 | 0.7697 | 0.7856 | 0.8021 |
|                | 0.8190 | 0.8362 | 0.8538 | 0.8678 | 0.8803 |
|                | 0.8936 | 0.9075 | 0.9158 | 0.9154 | 0.6899 |
|                | 0.7179 | 0.7456 | 0.7712 | 0.7949 | 0.8185 |
|                | 0.8420 | 0.8579 | 0.8254 | 0.8179 | 0.8027 |
|                | 0.8247 | 0.8686 | 0.9125 | 0.9563 | 1.0000 |
| Width:         | 0.1592 | 0.1645 | 0.1698 | 0.1751 | 0.1804 |
|                | 0.1857 | 0.1911 | 0.1964 | 0.2017 | 0.2070 |
|                | 0.2123 | 0.2176 | 0.2230 | 0.2283 | 0.2336 |
|                | 0.2389 | 0.2442 | 0.2495 | 0.2549 | 0.2602 |
|                | 0.2692 | 0.2804 | 0.2916 | 0.3027 | 0.3139 |
|                | 0.3251 | 0.3362 | 0.3474 | 0.3602 | 0.3739 |
|                | 0.3877 | 0.4014 | 0.5055 | 0.5793 | 0.6337 |
|                | 0.6495 | 0.6652 | 0.6826 | 0.7017 | 0.7208 |
|                | 0.7399 | 0.7658 | 0.8401 | 0.8959 | 0.9654 |
|                | 0.9938 | 0.9954 | 0.9969 | 0.9985 | 1.0000 |
| Transect T-C74 |        |        |        |        |        |
| Area:          | 0.0006 | 0.0026 | 0.0057 | 0.0095 | 0.0138 |
|                | 0.0186 | 0.0240 | 0.0298 | 0.0362 | 0.0430 |
|                | 0.0505 | 0.0589 | 0.0686 | 0.0793 | 0.0911 |
|                | 0.1039 | 0.1177 | 0.1330 | 0.1500 | 0.1681 |
|                | 0.1870 | 0.2067 | 0.2271 | 0.2483 | 0.2701 |
|                | 0.2924 | 0.3152 | 0.3386 | 0.3625 | 0.3870 |
|                | 0.4120 | 0.4375 | 0.4635 | 0.4902 | 0.5174 |
|                | 0.5451 | 0.5734 | 0.6023 | 0.6318 | 0.6618 |
|                | 0.6926 | 0.7242 | 0.7566 | 0.7897 | 0.8236 |
|                | 0.8582 | 0.8932 | 0.9285 | 0.9641 | 1.0000 |
| Hrad:          | 0.0181 | 0.0362 | 0.0582 | 0.0848 | 0.1094 |
|                | 0.1327 | 0.1550 | 0.1766 | 0.1977 | 0.2183 |
|                | 0.2306 | 0.2350 | 0.2425 | 0.2538 | 0.2678 |
|                | 0.2825 | 0.2970 | 0.2977 | 0.3064 | 0.3288 |
|                | 0.3508 | 0.3726 | 0.3936 | 0.4176 | 0.4432 |
|                | 0.4684 | 0.4932 | 0.5178 | 0.5420 | 0.5660 |
|                | 0.5898 | 0.6131 | 0.6358 | 0.6583 | 0.6806 |
|                | 0.7027 | 0.7247 | 0.7465 | 0.7682 | 0.7855 |
|                | 0.8021 | 0.8187 | 0.8353 | 0.8520 | 0.8688 |
|                | 0.8895 | 0.9175 | 0.9452 | 0.9727 | 1.0000 |
| Width:         | 0.0355 | 0.0711 | 0.0984 | 0.1126 | 0.1267 |
|                | 0.1409 | 0.1551 | 0.1692 | 0.1834 | 0.1976 |
|                | 0.2193 | 0.2515 | 0.2836 | 0.3136 | 0.3414 |
|                | 0.3692 | 0.3978 | 0.4483 | 0.4915 | 0.5133 |
|                | 0.5350 | 0.5568 | 0.5792 | 0.5969 | 0.6117 |
|                | 0.6266 | 0.6415 | 0.6563 | 0.6712 | 0.6860 |
|                | 0.7009 | 0.7159 | 0.7315 | 0.7471 | 0.7627 |
|                | 0.7783 | 0.7939 | 0.8094 | 0.8250 | 0.8452 |
|                | 0.8664 | 0.8876 | 0.9088 | 0.9300 | 0.9512 |
|                | 0.9678 | 0.9759 | 0.9839 | 0.9920 | 1.0000 |
| Transect T-C76 |        |        |        |        |        |
| Area:          | 0.0005 | 0.0019 | 0.0044 | 0.0078 | 0.0121 |
|                | 0.0175 | 0.0238 | 0.0311 | 0.0394 | 0.0490 |
|                | 0.0599 | 0.0720 | 0.0849 | 0.0985 | 0.1129 |
|                | 0.1281 | 0.1440 | 0.1606 | 0.1777 | 0.1955 |
|                | 0.2139 | 0.2328 | 0.2523 | 0.2725 | 0.2933 |
|                | 0.3148 | 0.3372 | 0.3604 | 0.3844 | 0.4092 |
|                | 0.4345 | 0.4604 | 0.4869 | 0.5140 | 0.5417 |
|                | 0.5699 | 0.5988 | 0.6280 | 0.6575 | 0.6873 |
|                |        |        |        |        |        |

|                |        |        |        |        |        |
|----------------|--------|--------|--------|--------|--------|
|                | 0.7174 | 0.7477 | 0.7783 | 0.8092 | 0.8403 |
|                | 0.8717 | 0.9034 | 0.9353 | 0.9675 | 1.0000 |
| Hrad:          |        |        |        |        |        |
|                | 0.0163 | 0.0327 | 0.0490 | 0.0653 | 0.0817 |
|                | 0.0980 | 0.1143 | 0.1307 | 0.1437 | 0.1562 |
|                | 0.1696 | 0.1883 | 0.2091 | 0.2295 | 0.2494 |
|                | 0.2690 | 0.2889 | 0.3108 | 0.3324 | 0.3535 |
|                | 0.3744 | 0.3950 | 0.4153 | 0.4354 | 0.4517 |
|                | 0.4673 | 0.4829 | 0.4986 | 0.5143 | 0.5331 |
|                | 0.5531 | 0.5730 | 0.5928 | 0.6124 | 0.6318 |
|                | 0.6511 | 0.6709 | 0.6972 | 0.7234 | 0.7493 |
|                | 0.7751 | 0.8007 | 0.8261 | 0.8514 | 0.8765 |
|                | 0.9015 | 0.9264 | 0.9510 | 0.9756 | 1.0000 |
| Width:         |        |        |        |        |        |
|                | 0.0298 | 0.0595 | 0.0893 | 0.1191 | 0.1488 |
|                | 0.1786 | 0.2084 | 0.2381 | 0.2747 | 0.3143 |
|                | 0.3540 | 0.3831 | 0.4065 | 0.4299 | 0.4534 |
|                | 0.4768 | 0.4991 | 0.5173 | 0.5354 | 0.5533 |
|                | 0.5717 | 0.5898 | 0.6080 | 0.6261 | 0.6496 |
|                | 0.6742 | 0.6987 | 0.7232 | 0.7478 | 0.7678 |
|                | 0.7857 | 0.8037 | 0.8216 | 0.8395 | 0.8574 |
|                | 0.8753 | 0.8924 | 0.9007 | 0.9090 | 0.9172 |
|                | 0.9255 | 0.9338 | 0.9421 | 0.9503 | 0.9586 |
|                | 0.9669 | 0.9752 | 0.9834 | 0.9917 | 1.0000 |
| Transect T-C78 |        |        |        |        |        |
| Area:          |        |        |        |        |        |
|                | 0.0002 | 0.0006 | 0.0014 | 0.0025 | 0.0039 |
|                | 0.0056 | 0.0076 | 0.0100 | 0.0126 | 0.0156 |
|                | 0.0198 | 0.0264 | 0.0366 | 0.0488 | 0.0616 |
|                | 0.0751 | 0.0891 | 0.1038 | 0.1196 | 0.1376 |
|                | 0.1570 | 0.1773 | 0.1985 | 0.2205 | 0.2434 |
|                | 0.2676 | 0.2928 | 0.3189 | 0.3457 | 0.3734 |
|                | 0.4018 | 0.4310 | 0.4610 | 0.4915 | 0.5223 |
|                | 0.5532 | 0.5842 | 0.6153 | 0.6466 | 0.6781 |
|                | 0.7096 | 0.7413 | 0.7732 | 0.8052 | 0.8373 |
|                | 0.8696 | 0.9020 | 0.9345 | 0.9672 | 1.0000 |
| Hrad:          |        |        |        |        |        |
|                | 0.0165 | 0.0330 | 0.0495 | 0.0660 | 0.0825 |
|                | 0.0990 | 0.1155 | 0.1320 | 0.1486 | 0.1651 |
|                | 0.1189 | 0.1139 | 0.1025 | 0.1299 | 0.1563 |
|                | 0.1819 | 0.2066 | 0.2269 | 0.2451 | 0.2416 |
|                | 0.2634 | 0.2848 | 0.3060 | 0.3272 | 0.3441 |
|                | 0.3602 | 0.3796 | 0.4014 | 0.4229 | 0.4441 |
|                | 0.4637 | 0.4846 | 0.5062 | 0.5333 | 0.5636 |
|                | 0.5938 | 0.6239 | 0.6537 | 0.6834 | 0.7129 |
|                | 0.7423 | 0.7715 | 0.8006 | 0.8295 | 0.8583 |
|                | 0.8869 | 0.9154 | 0.9437 | 0.9719 | 1.0000 |
| Width:         |        |        |        |        |        |
|                | 0.0095 | 0.0189 | 0.0284 | 0.0378 | 0.0473 |
|                | 0.0568 | 0.0662 | 0.0757 | 0.0852 | 0.0946 |
|                | 0.1677 | 0.2339 | 0.3615 | 0.3802 | 0.3988 |
|                | 0.4175 | 0.4362 | 0.4630 | 0.4936 | 0.5765 |
|                | 0.6033 | 0.6300 | 0.6564 | 0.6820 | 0.7161 |
|                | 0.7521 | 0.7810 | 0.8044 | 0.8278 | 0.8511 |
|                | 0.8771 | 0.9004 | 0.9218 | 0.9326 | 0.9368 |
|                | 0.9411 | 0.9453 | 0.9495 | 0.9537 | 0.9579 |
|                | 0.9621 | 0.9663 | 0.9705 | 0.9747 | 0.9789 |
|                | 0.9832 | 0.9874 | 0.9916 | 0.9958 | 1.0000 |
| Transect T-C8  |        |        |        |        |        |
| Area:          |        |        |        |        |        |
|                | 0.0020 | 0.0042 | 0.0065 | 0.0089 | 0.0114 |
|                | 0.0141 | 0.0169 | 0.0198 | 0.0228 | 0.0260 |
|                | 0.0296 | 0.0342 | 0.0416 | 0.0496 | 0.0591 |
|                | 0.0706 | 0.0864 | 0.1054 | 0.1266 | 0.1508 |
|                | 0.1766 | 0.2026 | 0.2288 | 0.2552 | 0.2817 |
|                | 0.3085 | 0.3354 | 0.3625 | 0.3897 | 0.4171 |
|                | 0.4447 | 0.4724 | 0.5003 | 0.5284 | 0.5567 |

|                    |        |        |        |        |        |
|--------------------|--------|--------|--------|--------|--------|
| Hrad:              | 0.4953 | 0.5215 | 0.5478 | 0.5740 | 0.6004 |
|                    | 0.6267 | 0.6531 | 0.6796 | 0.7061 | 0.7326 |
|                    | 0.7592 | 0.7858 | 0.8124 | 0.8391 | 0.8658 |
|                    | 0.8926 | 0.9194 | 0.9462 | 0.9731 | 1.0000 |
|                    | 0.0136 | 0.0271 | 0.0300 | 0.0233 | 0.0479 |
|                    | 0.0723 | 0.0964 | 0.1203 | 0.1436 | 0.1663 |
|                    | 0.1862 | 0.2056 | 0.2274 | 0.2496 | 0.2715 |
|                    | 0.2931 | 0.3028 | 0.3113 | 0.3224 | 0.2514 |
|                    | 0.2479 | 0.2746 | 0.3012 | 0.3278 | 0.3543 |
|                    | 0.3808 | 0.4072 | 0.4335 | 0.4598 | 0.4861 |
|                    | 0.5123 | 0.5384 | 0.5645 | 0.5905 | 0.6165 |
|                    | 0.6424 | 0.6683 | 0.6941 | 0.7199 | 0.7456 |
|                    | 0.7713 | 0.7969 | 0.8225 | 0.8480 | 0.8734 |
|                    | 0.8989 | 0.9242 | 0.9495 | 0.9748 | 1.0000 |
| Width:             | 0.0137 | 0.0274 | 0.1094 | 0.3273 | 0.3562 |
|                    | 0.3732 | 0.3872 | 0.3991 | 0.4110 | 0.4232 |
|                    | 0.4411 | 0.4589 | 0.4706 | 0.4804 | 0.4902 |
|                    | 0.5000 | 0.5295 | 0.5633 | 0.6270 | 0.8946 |
|                    | 0.9577 | 0.9593 | 0.9608 | 0.9623 | 0.9638 |
|                    | 0.9652 | 0.9667 | 0.9681 | 0.9696 | 0.9710 |
|                    | 0.9725 | 0.9739 | 0.9754 | 0.9768 | 0.9783 |
|                    | 0.9797 | 0.9812 | 0.9826 | 0.9841 | 0.9855 |
|                    | 0.9870 | 0.9884 | 0.9899 | 0.9913 | 0.9928 |
|                    | 0.9942 | 0.9957 | 0.9971 | 0.9986 | 1.0000 |
| Transect T-C97     |        |        |        |        |        |
| Area:              | 0.0002 | 0.0007 | 0.0015 | 0.0027 | 0.0043 |
|                    | 0.0061 | 0.0084 | 0.0109 | 0.0138 | 0.0170 |
|                    | 0.0205 | 0.0242 | 0.0282 | 0.0328 | 0.0391 |
|                    | 0.0464 | 0.0557 | 0.0683 | 0.0832 | 0.0989 |
|                    | 0.1163 | 0.1353 | 0.1558 | 0.1774 | 0.1997 |
|                    | 0.2235 | 0.2482 | 0.2739 | 0.3006 | 0.3288 |
|                    | 0.3576 | 0.3871 | 0.4174 | 0.4483 | 0.4798 |
|                    | 0.5116 | 0.5450 | 0.5789 | 0.6130 | 0.6472 |
|                    | 0.6816 | 0.7162 | 0.7509 | 0.7858 | 0.8209 |
|                    | 0.8562 | 0.8916 | 0.9272 | 0.9633 | 1.0000 |
| Hrad:              | 0.0186 | 0.0372 | 0.0558 | 0.0743 | 0.0929 |
|                    | 0.1115 | 0.1301 | 0.1487 | 0.1692 | 0.1902 |
|                    | 0.2107 | 0.2309 | 0.2509 | 0.2144 | 0.2164 |
|                    | 0.2259 | 0.2166 | 0.2089 | 0.2035 | 0.2262 |
|                    | 0.2366 | 0.2536 | 0.2749 | 0.3011 | 0.3257 |
|                    | 0.3428 | 0.3648 | 0.3921 | 0.4034 | 0.4295 |
|                    | 0.4576 | 0.4822 | 0.5076 | 0.5349 | 0.5646 |
|                    | 0.5941 | 0.6003 | 0.6342 | 0.6678 | 0.7013 |
|                    | 0.7346 | 0.7678 | 0.8009 | 0.8339 | 0.8667 |
|                    | 0.8993 | 0.9310 | 0.9613 | 0.9912 | 1.0000 |
| Width:             | 0.0092 | 0.0184 | 0.0277 | 0.0369 | 0.0461 |
|                    | 0.0553 | 0.0645 | 0.0738 | 0.0819 | 0.0896 |
|                    | 0.0973 | 0.1050 | 0.1127 | 0.1535 | 0.1813 |
|                    | 0.2167 | 0.2914 | 0.3821 | 0.4108 | 0.4394 |
|                    | 0.4942 | 0.5363 | 0.5697 | 0.5921 | 0.6163 |
|                    | 0.6554 | 0.6840 | 0.7023 | 0.7491 | 0.7696 |
|                    | 0.7856 | 0.8071 | 0.8267 | 0.8426 | 0.8542 |
|                    | 0.8658 | 0.9125 | 0.9171 | 0.9218 | 0.9264 |
|                    | 0.9311 | 0.9356 | 0.9400 | 0.9444 | 0.9489 |
|                    | 0.9533 | 0.9586 | 0.9651 | 0.9824 | 1.0000 |
| Transect T-SMC14   |        |        |        |        |        |
| Area:              | 0.0044 | 0.0103 | 0.0168 | 0.0237 | 0.0311 |
|                    | 0.0390 | 0.0473 | 0.0561 | 0.0654 | 0.0751 |
|                    | 0.0853 | 0.0962 | 0.1078 | 0.1201 | 0.1331 |
|                    | 0.1469 | 0.1616 | 0.1777 | 0.1950 | 0.2128 |
|                    | 0.2312 | 0.2500 | 0.2694 | 0.2892 | 0.3095 |
|                    | 0.3303 | 0.3514 | 0.3730 | 0.3950 | 0.4175 |
|                    | 0.4404 | 0.4637 | 0.4876 | 0.5119 | 0.5366 |
|                    | 0.5619 | 0.5883 | 0.6160 | 0.6450 | 0.6751 |
|                    | 0.7064 | 0.7385 | 0.7708 | 0.8032 | 0.8358 |
|                    | 0.8684 | 0.9011 | 0.9340 | 0.9669 | 1.0000 |
| Hrad:              | 0.0254 | 0.0555 | 0.0838 | 0.1105 | 0.1359 |
|                    | 0.1602 | 0.1837 | 0.2065 | 0.2286 | 0.2503 |
|                    | 0.2710 | 0.2851 | 0.2997 | 0.3148 | 0.3300 |
|                    | 0.3454 | 0.3486 | 0.3529 | 0.3677 | 0.3906 |
|                    | 0.4131 | 0.4353 | 0.4572 | 0.4789 | 0.5003 |
|                    | 0.5228 | 0.5460 | 0.5689 | 0.5899 | 0.6106 |
|                    | 0.6311 | 0.6515 | 0.6717 | 0.6917 | 0.7117 |
|                    | 0.7233 | 0.7209 | 0.7205 | 0.7246 | 0.7296 |
|                    | 0.7334 | 0.7595 | 0.7899 | 0.8202 | 0.8505 |
|                    | 0.8806 | 0.9106 | 0.9405 | 0.9703 | 1.0000 |
| Width:             | 0.1735 | 0.1877 | 0.2019 | 0.2161 | 0.2303 |
|                    | 0.2445 | 0.2587 | 0.2729 | 0.2871 | 0.3013 |
|                    | 0.3159 | 0.3385 | 0.3607 | 0.3827 | 0.4047 |
|                    | 0.4267 | 0.4652 | 0.5054 | 0.5322 | 0.5469 |
|                    | 0.5616 | 0.5763 | 0.5910 | 0.6057 | 0.6204 |
|                    | 0.6335 | 0.6452 | 0.6570 | 0.6709 | 0.6849 |
|                    | 0.6988 | 0.7128 | 0.7268 | 0.7407 | 0.7547 |
|                    | 0.7775 | 0.8169 | 0.8559 | 0.8912 | 0.9265 |
|                    | 0.9644 | 0.9736 | 0.9769 | 0.9802 | 0.9835 |
|                    | 0.9868 | 0.9901 | 0.9934 | 0.9967 | 1.0000 |
| Transect T-U012001 |        |        |        |        |        |
| Area:              | 0.0016 | 0.0043 | 0.0078 | 0.0120 | 0.0168 |
|                    | 0.0223 | 0.0283 | 0.0350 | 0.0421 | 0.0499 |
|                    | 0.0582 | 0.0672 | 0.0773 | 0.0888 | 0.1013 |
|                    | 0.1145 | 0.1289 | 0.1442 | 0.1605 | 0.1777 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
|        | 0.1956 | 0.2145 | 0.2344 | 0.2549 | 0.2756 |
|        | 0.2968 | 0.3185 | 0.3413 | 0.3650 | 0.3891 |
|        | 0.4134 | 0.4379 | 0.4627 | 0.4878 | 0.5141 |
|        | 0.5412 | 0.5689 | 0.5970 | 0.6255 | 0.6544 |
|        | 0.6839 | 0.7140 | 0.7446 | 0.7764 | 0.8109 |
|        | 0.8462 | 0.8823 | 0.9197 | 0.9594 | 1.0000 |
| Hrad:  |        |        |        |        |        |
|        | 0.0297 | 0.0568 | 0.0839 | 0.1091 | 0.1351 |
|        | 0.1609 | 0.1861 | 0.2105 | 0.2343 | 0.2586 |
|        | 0.2796 | 0.2934 | 0.2963 | 0.3057 | 0.3267 |
|        | 0.3463 | 0.3593 | 0.3787 | 0.3975 | 0.4200 |
|        | 0.4407 | 0.4593 | 0.4797 | 0.5131 | 0.5465 |
|        | 0.5750 | 0.5999 | 0.6041 | 0.6333 | 0.6677 |
|        | 0.7019 | 0.7361 | 0.7701 | 0.7961 | 0.7959 |
|        | 0.8197 | 0.8464 | 0.8751 | 0.9051 | 0.9284 |
|        | 0.9525 | 0.9769 | 0.9958 | 0.9824 | 0.9609 |
|        | 0.9844 | 0.9956 | 0.9898 | 0.9924 | 1.0000 |
| Width: |        |        |        |        |        |
|        | 0.0536 | 0.0756 | 0.0927 | 0.1098 | 0.1247 |
|        | 0.1386 | 0.1523 | 0.1661 | 0.1798 | 0.1928 |
|        | 0.2080 | 0.2289 | 0.2608 | 0.2905 | 0.3100 |
|        | 0.3307 | 0.3587 | 0.3808 | 0.4038 | 0.4231 |
|        | 0.4440 | 0.4671 | 0.4886 | 0.4967 | 0.5043 |
|        | 0.5162 | 0.5309 | 0.5651 | 0.5764 | 0.5827 |
|        | 0.5890 | 0.5950 | 0.6009 | 0.6128 | 0.6460 |
|        | 0.6603 | 0.6722 | 0.6822 | 0.6910 | 0.7049 |
|        | 0.7181 | 0.7309 | 0.7478 | 0.7904 | 0.8439 |
|        | 0.8597 | 0.8863 | 0.9293 | 0.9668 | 1.0000 |

\*\*\*\*\*  
Analysis Options  
\*\*\*\*\*  
Flow Units ..... CMS  
Process Models:  
    Rainfall/Runoff ..... YES  
    RDII ..... NO  
    Snowmelt ..... NO  
    Groundwater ..... NO  
    Flow Routing ..... YES  
    Ponding Allowed ..... NO  
    Water Quality ..... NO  
Infiltration Method ..... CURVE\_NUMBER  
Flow Routing Method ..... DYNWAVE  
Surcharge Method ..... EXTRAN  
Starting Date ..... 04/10/2025 00:00:00  
Ending Date ..... 04/12/2025 00:00:00  
Antecedent Dry Days ..... 0.0  
Report Time Step ..... 00:01:00  
Wet Time Step ..... 00:05:00  
Dry Time Step ..... 00:05:00  
Routing Time Step ..... 5.00 sec  
Variable Time Step ..... YES  
Maximum Trials ..... 8  
Number of Threads ..... 6  
Head Tolerance ..... 0.001500 m

|                            |           |        |
|----------------------------|-----------|--------|
| *****                      | Volume    | Depth  |
| Runoff Quantity Continuity | hectare-m | mm     |
| *****                      | -----     | -----  |
| Total Precipitation .....  | 4.577     | 48.000 |
| Evaporation Loss .....     | 0.000     | 0.000  |
| Infiltration Loss .....    | 3.149     | 33.027 |
| Surface Runoff .....       | 1.307     | 13.706 |
| Final Storage .....        | 0.123     | 1.294  |
| Continuity Error (%) ..... | -0.059    |        |

|                            |           |          |
|----------------------------|-----------|----------|
| *****                      | Volume    | Volume   |
| Flow Routiny Continuity    | hectare-m | 10^6 ltr |
| *****                      | -----     | -----    |
| Dry Weather Inflow .....   | 0.000     | 0.000    |
| Wet Weather Inflow .....   | 1.307     | 13.069   |
| Groundwater Inflow .....   | 0.000     | 0.000    |
| RDII Inflow .....          | 0.000     | 0.000    |
| External Inflow .....      | 0.000     | 0.000    |
| External Outflow .....     | 1.179     | 11.793   |
| Flooding Loss .....        | 0.000     | 0.000    |
| Evaporation Loss .....     | 0.000     | 0.000    |
| Exfiltration Loss .....    | 0.000     | 0.000    |
| Initial Stored Volume .... | 0.326     | 3.257    |
| Final Stored Volume .....  | 0.440     | 4.400    |
| Continuity Error (%) ..... | 0.816     |          |

\*\*\*\*\*  
Highest Continuity Errors  
\*\*\*\*\*  
Node T013042 (5.43%)  
Node T013044 (5.14%)  
Node T016001 (2.41%)  
Node T013037 (1.81%)

\*\*\*\*\*  
Time-Step Critical Elements  
\*\*\*\*\*  
Link PDDC01 (73.20%)  
Link PD\_IS\_HDPE300 (6.19%)  
Link C131 (5.60%)  
Link OFB\_CC700 (4.52%)

\*\*\*\*\*  
Highest Flow Instability Indexes  
\*\*\*\*\*  
Link OFC\_CC600 (13)  
Link OFB\_CC700 (3)

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

\*\*\*\*\*  
Routing Time Step Summary  
\*\*\*\*\*  
Minimum Time Step : 0.00 sec  
Average Time Step : 2.70 sec  
Maximum Time Step : 5.00 sec  
% of Time in Steady State : 0.00  
Average Iterations per Step : 2.00  
% of Steps Not Converging : 0.00  
Time Step Frequencies :  
5.000 - 3.155 sec : 55.94 %  
3.155 - 1.991 sec : 1.25 %  
1.991 - 1.256 sec : 2.42 %  
1.256 - 0.792 sec : 18.20 %  
0.792 - 0.500 sec : 22.19 %

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

| Subcatchment | Total<br>Precip<br>mm | Total<br>Runon<br>mm | Total<br>Evap<br>mm | Total<br>Infil<br>mm | Imperv<br>Runoff<br>mm | Perv<br>Runoff<br>mm | Total<br>Runoff<br>mm | Total<br>Runoff<br>10^6 ltr | Peak<br>Runoff<br>CMS | Runoff<br>Coeff |
|--------------|-----------------------|----------------------|---------------------|----------------------|------------------------|----------------------|-----------------------|-----------------------------|-----------------------|-----------------|
| G009005_1    | 48.00                 | 0.00                 | 0.00                | 35.89                | 3.26                   | 7.58                 | 10.84                 | 0.30                        | 0.03                  | 0.226           |
| G009005_2    | 48.00                 | 0.00                 | 0.00                | 35.49                | 3.26                   | 7.98                 | 11.24                 | 0.18                        | 0.02                  | 0.234           |
| G012001      | 48.00                 | 0.00                 | 0.00                | 35.80                | 3.26                   | 7.67                 | 10.93                 | 0.33                        | 0.04                  | 0.228           |
| G013006      | 48.00                 | 0.00                 | 0.00                | 35.60                | 3.26                   | 7.87                 | 11.12                 | 0.11                        | 0.01                  | 0.232           |
| G013007      | 48.00                 | 0.00                 | 0.00                | 35.67                | 3.26                   | 7.80                 | 11.06                 | 0.26                        | 0.03                  | 0.230           |
| G013012      | 48.00                 | 0.00                 | 0.00                | 35.47                | 3.26                   | 8.00                 | 11.26                 | 0.16                        | 0.02                  | 0.235           |
| G013016_1    | 48.00                 | 0.00                 | 0.00                | 35.72                | 3.26                   | 7.76                 | 11.01                 | 0.22                        | 0.03                  | 0.229           |
| G013016_2    | 48.00                 | 0.00                 | 0.00                | 35.49                | 3.26                   | 7.99                 | 11.24                 | 0.17                        | 0.02                  | 0.234           |
| G013024      | 48.00                 | 0.00                 | 0.00                | 35.49                | 3.26                   | 7.98                 | 11.23                 | 0.25                        | 0.03                  | 0.234           |
| G013031      | 48.00                 | 0.00                 | 0.00                | 35.49                | 3.26                   | 7.98                 | 11.24                 | 0.27                        | 0.03                  | 0.234           |
| G013032      | 48.00                 | 0.00                 | 0.00                | 35.41                | 3.26                   | 8.07                 | 11.32                 | 0.19                        | 0.03                  | 0.236           |
| G013033      | 48.00                 | 0.00                 | 0.00                | 35.54                | 3.26                   | 7.95                 | 11.21                 | 0.32                        | 0.04                  | 0.233           |
| G013037      | 48.00                 | 0.00                 | 0.00                | 35.38                | 3.26                   | 8.10                 | 11.36                 | 0.25                        | 0.03                  | 0.237           |
| G013042      | 48.00                 | 0.00                 | 0.00                | 35.52                | 3.26                   | 7.95                 | 11.21                 | 0.16                        | 0.02                  | 0.234           |
| G013043      | 48.00                 | 0.00                 | 0.00                | 35.32                | 3.26                   | 8.16                 | 11.41                 | 0.23                        | 0.03                  | 0.238           |
| G013045      | 48.00                 | 0.00                 | 0.00                | 35.45                | 3.26                   | 8.03                 | 11.29                 | 0.21                        | 0.03                  | 0.235           |
| G014001      | 48.00                 | 0.00                 | 0.00                | 35.76                | 3.26                   | 7.73                 | 10.98                 | 0.37                        | 0.04                  | 0.229           |
| G015001_1    | 48.00                 | 0.00                 | 0.00                | 35.47                | 3.26                   | 8.00                 | 11.25                 | 0.14                        | 0.02                  | 0.234           |
| G015001_2    | 48.00                 | 0.00                 | 0.00                | 35.78                | 3.26                   | 7.69                 | 10.94                 | 0.14                        | 0.02                  | 0.228           |
| G015003_1    | 48.00                 | 0.00                 | 0.00                | 35.54                | 3.26                   | 7.94                 | 11.20                 | 0.18                        | 0.02                  | 0.233           |
| G015003_2    | 48.00                 | 0.00                 | 0.00                | 35.38                | 3.26                   | 8.09                 | 11.35                 | 0.14                        | 0.02                  | 0.236           |
| G016003_1    | 48.00                 | 0.00                 | 0.00                | 35.52                | 3.26                   | 7.97                 | 11.23                 | 0.11                        | 0.01                  | 0.234           |
| G016003_2    | 48.00                 | 0.00                 | 0.00                | 35.69                | 3.26                   | 7.79                 | 11.05                 | 0.18                        | 0.02                  | 0.230           |
| S1           | 48.00                 | 0.00                 | 0.00                | 35.32                | 3.26                   | 8.18                 | 11.43                 | 0.05                        | 0.01                  | 0.238           |
| S1_1         | 48.00                 | 0.00                 | 0.00                | 35.34                | 3.26                   | 8.14                 | 11.40                 | 0.02                        | 0.00                  | 0.238           |
| S1_10        | 48.00                 | 0.00                 | 0.00                | 35.27                | 3.26                   | 8.22                 | 11.48                 | 0.01                        | 0.00                  | 0.239           |
| S1_2         | 48.00                 | 0.00                 | 0.00                | 35.18                | 3.26                   | 8.31                 | 11.57                 | 0.02                        | 0.00                  | 0.241           |
| S1_3         | 48.00                 | 0.00                 | 0.00                | 35.69                | 3.26                   | 7.78                 | 11.04                 | 0.08                        | 0.01                  | 0.230           |
| S1_4         | 48.00                 | 0.00                 | 0.00                | 35.69                | 3.26                   | 7.79                 | 11.05                 | 0.05                        | 0.01                  | 0.230           |
| S1_5         | 48.00                 | 0.00                 | 0.00                | 35.43                | 3.26                   | 8.06                 | 11.31                 | 0.04                        | 0.00                  | 0.236           |
| S1_6         | 48.00                 | 0.00                 | 0.00                | 35.43                | 3.26                   | 8.06                 | 11.31                 | 0.03                        | 0.00                  | 0.236           |
| S1_7         | 48.00                 | 0.00                 | 0.00                | 35.49                | 3.26                   | 7.98                 | 11.24                 | 0.05                        | 0.01                  | 0.234           |
| S1_8         | 48.00                 | 0.00                 | 0.00                | 35.69                | 3.26                   | 7.78                 | 11.04                 | 0.03                        | 0.00                  | 0.230           |
| S10          | 48.00                 | 0.00                 | 0.00                | 35.25                | 3.26                   | 8.23                 | 11.49                 | 0.10                        | 0.01                  | 0.239           |
| S101_2       | 48.00                 | 0.00                 | 0.00                | 35.49                | 3.26                   | 7.99                 | 11.25                 | 0.12                        | 0.01                  | 0.234           |
| S102         | 48.00                 | 0.00                 | 0.00                | 35.47                | 3.26                   | 8.00                 | 11.26                 | 0.10                        | 0.01                  | 0.235           |
| S11          | 48.00                 | 0.00                 | 0.00                | 35.58                | 3.26                   | 7.91                 | 11.16                 | 0.12                        | 0.02                  | 0.233           |
| S112         | 48.00                 | 0.00                 | 0.00                | 35.36                | 3.26                   | 8.12                 | 11.38                 | 0.06                        | 0.01                  | 0.237           |
| S113         | 48.00                 | 0.00                 | 0.00                | 35.38                | 3.26                   | 8.11                 | 11.37                 | 0.07                        | 0.01                  | 0.237           |
| S115_2       | 48.00                 | 0.00                 | 0.00                | 5.28                 | 37.39                  | 3.95                 | 41.33                 | 0.00                        | 0.00                  | 0.861           |
| S130         | 48.00                 | 0.00                 | 0.00                | 35.32                | 3.26                   | 8.17                 | 11.43                 | 0.07                        | 0.01                  | 0.238           |
| S132         | 48.00                 | 0.00                 | 0.00                | 35.54                | 3.26                   | 7.94                 | 11.20                 | 0.13                        | 0.02                  | 0.233           |
| S137         | 48.00                 | 0.00                 | 0.00                | 35.76                | 3.26                   | 7.72                 | 10.98                 | 0.24                        | 0.03                  | 0.229           |
| S15_4        | 48.00                 | 0.00                 | 0.00                | 35.18                | 3.26                   | 8.32                 | 11.57                 | 0.02                        | 0.00                  | 0.241           |
| S16          | 48.00                 | 0.00                 | 0.00                | 35.38                | 3.26                   | 8.10                 | 11.36                 | 0.07                        | 0.01                  | 0.237           |
| S18          | 48.00                 | 0.00                 | 0.00                | 35.32                | 3.26                   | 8.17                 | 11.43                 | 0.06                        | 0.01                  | 0.238           |
| S19          | 48.00                 | 0.00                 | 0.00                | 35.32                | 3.26                   | 8.16                 | 11.41                 | 0.07                        | 0.01                  | 0.238           |
| S2           | 48.00                 | 0.00                 | 0.00                | 35.32                | 3.26                   | 8.18                 | 11.43                 | 0.05                        | 0.01                  | 0.238           |
| S2_13        | 48.00                 | 0.00                 | 0.00                | 5.28                 | 37.21                  | 4.05                 | 41.25                 | 0.01                        | 0.00                  | 0.859           |
| S2_14        | 48.00                 | 0.00                 | 0.00                | 5.28                 | 37.21                  | 4.05                 | 41.25                 | 0.01                        | 0.00                  | 0.859           |
| S2_15        | 48.00                 | 0.00                 | 0.00                | 35.65                | 3.26                   | 7.83                 | 11.08                 | 0.02                        | 0.00                  | 0.231           |
| S2_16        | 48.00                 | 7.06                 | 0.00                | 35.47                | 3.75                   | 14.58                | 18.33                 | 0.10                        | 0.02                  | 0.333           |
| S2_18        | 48.00                 | 0.00                 | 0.00                | 35.12                | 3.26                   | 8.40                 | 11.66                 | 0.02                        | 0.00                  | 0.243           |
| S2_19        | 48.00                 | 0.00                 | 0.00                | 35.07                | 3.26                   | 8.46                 | 11.72                 | 0.01                        | 0.00                  | 0.244           |
| S2_20        | 48.00                 | 0.00                 | 0.00                | 35.12                | 3.26                   | 8.39                 | 11.65                 | 0.02                        | 0.00                  | 0.243           |
| S2_22        | 48.00                 | 0.00                 | 0.00                | 35.80                | 3.26                   | 7.68                 | 10.94                 | 0.01                        | 0.00                  | 0.228           |
| S2_23        | 48.00                 | 0.00                 | 0.00                | 35.41                | 3.26                   | 8.08                 | 11.34                 | 0.04                        | 0.00                  | 0.236           |
| S2_24        | 48.00                 | 0.00                 | 0.00                | 35.78                | 3.26                   | 7.69                 | 10.95                 | 0.00                        | 0.00                  | 0.228           |
| S2_25        | 48.00                 | 0.00                 | 0.00                | 35.60                | 3.26                   | 7.88                 | 11.14                 | 0.00                        | 0.00                  | 0.232           |
| S2_26        | 48.00                 | 0.00                 | 0.00                | 35.85                | 3.26                   | 7.62                 | 10.88                 | 0.00                        | 0.00                  | 0.227           |
| S2_30        | 48.00                 | 0.00                 | 0.00                | 5.28                 | 37.21                  | 4.05                 | 41.25                 | 0.01                        | 0.00                  | 0.859           |
| S2_31        | 48.00                 | 0.00                 | 0.00                | 5.28                 | 37.21                  | 4.05                 | 41.25                 | 0.01                        | 0.00                  | 0.859           |
| S2_32        | 48.00                 | 0.00                 | 0.00                | 5.28                 | 37.21                  | 4.05                 | 41.25                 | 0.01                        | 0.00                  | 0.859           |

|        |       |      |      |       |       |       |       |      |      |       |
|--------|-------|------|------|-------|-------|-------|-------|------|------|-------|
| S2_34  | 48.00 | 0.00 | 0.00 | 5.28  | 37.21 | 4.05  | 41.25 | 0.01 | 0.00 | 0.859 |
| S2_35  | 48.00 | 0.00 | 0.00 | 5.28  | 37.21 | 4.05  | 41.25 | 0.01 | 0.00 | 0.859 |
| S2_36  | 48.00 | 0.00 | 0.00 | 5.28  | 37.23 | 4.03  | 41.27 | 0.02 | 0.01 | 0.860 |
| S2_37  | 48.00 | 0.00 | 0.00 | 5.28  | 37.21 | 4.05  | 41.25 | 0.01 | 0.00 | 0.859 |
| S2_38  | 48.00 | 0.00 | 0.00 | 5.28  | 37.21 | 4.05  | 41.25 | 0.01 | 0.00 | 0.859 |
| S2_39  | 48.00 | 0.00 | 0.00 | 5.28  | 37.21 | 4.05  | 41.25 | 0.01 | 0.01 | 0.859 |
| S2_4   | 48.00 | 0.00 | 0.00 | 5.28  | 37.37 | 3.90  | 41.27 | 0.01 | 0.00 | 0.860 |
| S2_40  | 48.00 | 0.00 | 0.00 | 5.28  | 37.21 | 4.05  | 41.25 | 0.01 | 0.00 | 0.859 |
| S2_41  | 48.00 | 0.00 | 0.00 | 5.28  | 37.21 | 4.05  | 41.25 | 0.01 | 0.00 | 0.859 |
| S20_1  | 48.00 | 0.00 | 0.00 | 0.00  | 46.73 | 0.00  | 46.73 | 0.28 | 0.10 | 0.973 |
| S20_10 | 48.00 | 0.00 | 0.00 | 0.00  | 46.73 | 0.00  | 46.73 | 0.28 | 0.10 | 0.973 |
| S20_11 | 48.00 | 0.00 | 0.00 | 0.00  | 46.73 | 0.00  | 46.73 | 0.34 | 0.12 | 0.973 |
| S20_12 | 48.00 | 0.00 | 0.00 | 5.28  | 37.37 | 3.91  | 41.29 | 0.02 | 0.01 | 0.860 |
| S20_13 | 48.00 | 0.00 | 0.00 | 0.00  | 46.73 | 0.00  | 46.73 | 0.37 | 0.13 | 0.973 |
| S20_2  | 48.00 | 0.00 | 0.00 | 5.28  | 37.39 | 3.94  | 41.32 | 0.05 | 0.02 | 0.861 |
| S20_3  | 48.00 | 0.00 | 0.00 | 0.00  | 46.73 | 0.00  | 46.73 | 0.47 | 0.17 | 0.973 |
| S20_6  | 48.00 | 0.00 | 0.00 | 5.28  | 37.39 | 3.94  | 41.32 | 0.04 | 0.02 | 0.861 |
| S20_7  | 48.00 | 0.00 | 0.00 | 0.00  | 46.73 | 0.00  | 46.73 | 0.07 | 0.03 | 0.973 |
| S20_8  | 48.00 | 0.00 | 0.00 | 0.00  | 46.73 | 0.00  | 46.73 | 0.36 | 0.13 | 0.973 |
| S20_9  | 48.00 | 0.00 | 0.00 | 0.00  | 46.73 | 0.00  | 46.73 | 0.28 | 0.10 | 0.973 |
| S22_4  | 48.00 | 0.00 | 0.00 | 5.28  | 37.36 | 3.97  | 41.34 | 0.01 | 0.01 | 0.861 |
| S22_5  | 48.00 | 0.00 | 0.00 | 5.28  | 37.36 | 3.97  | 41.34 | 0.02 | 0.01 | 0.861 |
| S23    | 48.00 | 0.00 | 0.00 | 35.80 | 3.26  | 7.66  | 10.92 | 0.27 | 0.03 | 0.228 |
| S25    | 48.00 | 0.00 | 0.00 | 35.60 | 3.26  | 7.87  | 11.12 | 0.14 | 0.02 | 0.232 |
| S29    | 48.00 | 0.00 | 0.00 | 35.38 | 3.26  | 8.09  | 11.35 | 0.06 | 0.01 | 0.236 |
| S3     | 48.00 | 6.83 | 0.00 | 35.98 | 3.74  | 13.85 | 17.58 | 0.23 | 0.02 | 0.321 |
| S33    | 48.00 | 0.00 | 0.00 | 35.63 | 3.26  | 7.86  | 11.11 | 0.15 | 0.02 | 0.232 |
| S34    | 48.00 | 0.00 | 0.00 | 35.43 | 3.26  | 8.06  | 11.32 | 0.17 | 0.02 | 0.236 |
| S36    | 48.00 | 0.00 | 0.00 | 35.43 | 3.26  | 8.06  | 11.32 | 0.16 | 0.02 | 0.236 |
| S37_2  | 48.00 | 0.00 | 0.00 | 35.52 | 3.26  | 7.96  | 11.22 | 0.14 | 0.02 | 0.234 |
| S4     | 48.00 | 0.00 | 0.00 | 35.34 | 3.26  | 8.14  | 11.40 | 0.02 | 0.00 | 0.237 |
| S44_3  | 48.00 | 0.00 | 0.00 | 35.38 | 3.26  | 8.11  | 11.36 | 0.08 | 0.01 | 0.237 |
| S45    | 48.00 | 0.00 | 0.00 | 35.21 | 3.26  | 8.29  | 11.54 | 0.05 | 0.01 | 0.240 |
| S48_1  | 48.00 | 0.00 | 0.00 | 35.52 | 3.26  | 7.95  | 11.21 | 0.14 | 0.02 | 0.234 |
| S5     | 48.00 | 0.00 | 0.00 | 35.41 | 3.26  | 8.08  | 11.34 | 0.30 | 0.04 | 0.236 |
| S51    | 48.00 | 0.00 | 0.00 | 35.63 | 3.26  | 7.85  | 11.11 | 0.16 | 0.02 | 0.231 |
| S54    | 48.00 | 0.00 | 0.00 | 35.32 | 3.26  | 8.18  | 11.43 | 0.07 | 0.01 | 0.238 |
| S56_1  | 48.00 | 0.00 | 0.00 | 35.12 | 3.26  | 8.39  | 11.65 | 0.03 | 0.01 | 0.243 |
| S6     | 48.00 | 0.00 | 0.00 | 35.41 | 3.26  | 8.09  | 11.34 | 0.09 | 0.01 | 0.236 |
| S61    | 48.00 | 0.00 | 0.00 | 35.74 | 3.26  | 7.74  | 10.99 | 0.09 | 0.01 | 0.229 |
| S63_2  | 48.00 | 0.00 | 0.00 | 35.32 | 3.26  | 8.18  | 11.43 | 0.04 | 0.01 | 0.238 |
| S63_3  | 48.00 | 0.00 | 0.00 | 35.21 | 3.26  | 8.28  | 11.54 | 0.04 | 0.01 | 0.240 |
| S65    | 48.00 | 0.00 | 0.00 | 35.89 | 3.26  | 7.59  | 10.85 | 0.10 | 0.01 | 0.226 |
| S69    | 48.00 | 0.00 | 0.00 | 35.74 | 3.26  | 7.74  | 11.00 | 0.14 | 0.02 | 0.229 |
| S7     | 48.00 | 0.00 | 0.00 | 5.28  | 37.39 | 3.94  | 41.33 | 0.20 | 0.07 | 0.861 |
| S76_3  | 48.00 | 0.00 | 0.00 | 35.41 | 3.26  | 8.07  | 11.33 | 0.09 | 0.01 | 0.236 |
| S77    | 48.00 | 0.00 | 0.00 | 35.45 | 3.26  | 8.04  | 11.29 | 0.06 | 0.01 | 0.235 |
| S8     | 48.00 | 0.00 | 0.00 | 5.28  | 37.39 | 3.94  | 41.32 | 0.13 | 0.05 | 0.861 |
| S80_3  | 48.00 | 0.00 | 0.00 | 5.28  | 37.39 | 3.93  | 41.32 | 0.01 | 0.00 | 0.861 |
| S88_2  | 48.00 | 0.00 | 0.00 | 35.56 | 3.26  | 7.93  | 11.18 | 0.11 | 0.01 | 0.233 |
| S88_3  | 48.00 | 0.00 | 0.00 | 5.28  | 37.39 | 3.95  | 41.33 | 0.03 | 0.01 | 0.861 |
| S9_1   | 48.00 | 0.00 | 0.00 | 35.18 | 3.26  | 8.33  | 11.58 | 0.04 | 0.01 | 0.241 |
| S9_10  | 48.00 | 0.00 | 0.00 | 5.28  | 37.21 | 4.05  | 41.25 | 0.01 | 0.00 | 0.859 |
| S9_2   | 48.00 | 0.00 | 0.00 | 35.32 | 3.26  | 8.18  | 11.43 | 0.02 | 0.00 | 0.238 |
| S9_3   | 48.00 | 0.00 | 0.00 | 35.32 | 3.26  | 8.18  | 11.43 | 0.03 | 0.00 | 0.238 |
| S9_4   | 48.00 | 7.91 | 0.00 | 35.18 | 3.81  | 15.75 | 19.56 | 0.03 | 0.01 | 0.350 |
| S9_5   | 48.00 | 0.00 | 0.00 | 35.25 | 3.26  | 8.25  | 11.50 | 0.03 | 0.01 | 0.240 |
| S9_6   | 48.00 | 6.14 | 0.00 | 35.58 | 3.69  | 13.63 | 17.31 | 0.04 | 0.01 | 0.320 |
| S9_7   | 48.00 | 9.48 | 0.00 | 35.78 | 3.92  | 16.52 | 20.44 | 0.03 | 0.00 | 0.356 |
| S9_8   | 48.00 | 0.00 | 0.00 | 5.28  | 37.21 | 4.05  | 41.25 | 0.01 | 0.00 | 0.859 |
| S9_9   | 48.00 | 0.00 | 0.00 | 5.28  | 37.21 | 4.05  | 41.25 | 0.02 | 0.01 | 0.859 |
| S90    | 48.00 | 0.00 | 0.00 | 35.54 | 3.26  | 7.95  | 11.20 | 0.06 | 0.01 | 0.233 |
| S91_1  | 48.00 | 0.00 | 0.00 | 5.28  | 37.39 | 3.94  | 41.33 | 0.02 | 0.01 | 0.861 |
| S91_2  | 48.00 | 0.00 | 0.00 | 35.21 | 3.26  | 8.29  | 11.55 | 0.03 | 0.00 | 0.241 |
| S92    | 48.00 | 0.00 | 0.00 | 35.47 | 3.26  | 8.01  | 11.26 | 0.08 | 0.01 | 0.235 |

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Node Depth Summary  
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|       |          | Average | Maximum | Maximum | Time of Max |        | Reported  |
|-------|----------|---------|---------|---------|-------------|--------|-----------|
| Node  | Type     | Depth   | Depth   | HGL     | Occurrence  |        | Max Depth |
|       |          | Meters  | Meters  | Meters  | days        | hr:min | Meters    |
| <hr/> |          |         |         |         |             |        |           |
| 16017 | JUNCTION | 0.12    | 0.33    | 93.76   | 0           | 14:32  | 0.33      |
| 16094 | JUNCTION | 0.00    | 0.00    | 92.18   | 0           | 00:00  | 0.00      |
| 16130 | JUNCTION | 0.12    | 0.34    | 93.76   | 0           | 14:34  | 0.34      |
| 25010 | JUNCTION | 0.02    | 0.08    | 94.48   | 0           | 12:17  | 0.08      |
| 25025 | JUNCTION | 0.03    | 0.13    | 94.77   | 0           | 12:15  | 0.13      |
| 26419 | JUNCTION | 0.00    | 0.00    | 94.00   | 0           | 00:00  | 0.00      |
| 26456 | JUNCTION | 0.11    | 0.22    | 94.45   | 0           | 12:16  | 0.22      |
| 26578 | JUNCTION | 0.00    | 0.00    | 95.36   | 0           | 00:00  | 0.00      |
| DDJ01 | JUNCTION | 0.03    | 0.09    | 100.47  | 0           | 13:49  | 0.09      |
| DDJ02 | JUNCTION | 0.04    | 0.13    | 100.16  | 0           | 12:06  | 0.13      |
| DDJ03 | JUNCTION | 0.03    | 0.13    | 100.04  | 0           | 12:06  | 0.13      |
| DDJ04 | JUNCTION | 0.03    | 0.13    | 99.82   | 0           | 12:08  | 0.13      |
| DDJ05 | JUNCTION | 0.04    | 0.14    | 99.52   | 0           | 12:09  | 0.14      |
| DDJ06 | JUNCTION | 0.03    | 0.11    | 99.33   | 0           | 12:12  | 0.11      |
| DDJ07 | JUNCTION | 0.03    | 0.12    | 98.50   | 0           | 12:13  | 0.12      |
| DDJ08 | JUNCTION | 0.03    | 0.12    | 98.14   | 0           | 12:15  | 0.12      |
| DDJ09 | JUNCTION | 0.03    | 0.13    | 97.98   | 0           | 12:16  | 0.13      |
| DDJ10 | JUNCTION | 0.03    | 0.11    | 97.80   | 0           | 12:17  | 0.11      |
| DDJ11 | JUNCTION | 0.03    | 0.11    | 97.57   | 0           | 12:17  | 0.11      |
| DDJ12 | JUNCTION | 0.04    | 0.14    | 97.41   | 0           | 12:17  | 0.14      |
| DDJ13 | JUNCTION | 0.03    | 0.11    | 97.14   | 0           | 12:19  | 0.11      |
| DDJ14 | JUNCTION | 0.04    | 0.12    | 96.39   | 0           | 12:23  | 0.12      |
| J101  | JUNCTION | 0.02    | 0.07    | 99.13   | 0           | 12:13  | 0.07      |
| J117  | JUNCTION | 0.04    | 0.12    | 100.57  | 0           | 12:04  | 0.12      |
| J14   | JUNCTION | 0.04    | 0.13    | 92.19   | 0           | 12:33  | 0.13      |
| J152  | JUNCTION | 0.00    | 0.04    | 102.63  | 0           | 12:00  | 0.04      |
| J160  | JUNCTION | 0.01    | 0.05    | 103.59  | 0           | 12:00  | 0.05      |

|         |          |      |      |        |   |       |      |
|---------|----------|------|------|--------|---|-------|------|
| J17     | JUNCTION | 0.05 | 0.18 | 92.91  | 0 | 12:33 | 0.18 |
| J2      | JUNCTION | 0.06 | 0.26 | 93.76  | 0 | 14:36 | 0.26 |
| J24     | JUNCTION | 0.00 | 0.00 | 96.89  | 0 | 00:00 | 0.00 |
| J253    | JUNCTION | 0.01 | 0.06 | 102.25 | 0 | 12:02 | 0.06 |
| J259    | JUNCTION | 0.01 | 0.08 | 99.40  | 0 | 12:11 | 0.08 |
| J26     | JUNCTION | 0.01 | 0.16 | 98.07  | 0 | 12:00 | 0.16 |
| J274    | JUNCTION | 0.03 | 0.09 | 91.47  | 0 | 12:33 | 0.09 |
| J276    | JUNCTION | 0.02 | 0.08 | 96.34  | 0 | 12:04 | 0.08 |
| J28     | JUNCTION | 0.01 | 0.08 | 100.40 | 0 | 12:03 | 0.08 |
| J29     | JUNCTION | 0.03 | 0.22 | 101.27 | 0 | 12:01 | 0.22 |
| J3      | JUNCTION | 0.01 | 0.06 | 102.36 | 0 | 12:00 | 0.06 |
| J30     | JUNCTION | 0.02 | 0.17 | 101.47 | 0 | 12:00 | 0.17 |
| J31     | JUNCTION | 0.01 | 0.11 | 101.92 | 0 | 12:00 | 0.11 |
| J32     | JUNCTION | 0.01 | 0.08 | 102.16 | 0 | 12:00 | 0.08 |
| J33     | JUNCTION | 0.04 | 0.17 | 95.06  | 0 | 12:30 | 0.17 |
| J34     | JUNCTION | 0.00 | 0.05 | 102.55 | 0 | 12:00 | 0.05 |
| J35     | JUNCTION | 0.10 | 0.26 | 95.03  | 0 | 12:31 | 0.26 |
| J36     | JUNCTION | 0.01 | 0.03 | 94.55  | 0 | 12:16 | 0.03 |
| J38     | JUNCTION | 0.51 | 0.70 | 97.40  | 0 | 17:24 | 0.70 |
| J39     | JUNCTION | 0.03 | 0.45 | 97.97  | 0 | 12:00 | 0.45 |
| J43     | JUNCTION | 0.03 | 0.12 | 94.93  | 0 | 12:32 | 0.12 |
| J46     | JUNCTION | 0.00 | 0.04 | 98.28  | 0 | 12:00 | 0.04 |
| J47     | JUNCTION | 0.09 | 0.40 | 97.60  | 0 | 12:00 | 0.40 |
| J48     | JUNCTION | 0.01 | 0.12 | 98.40  | 0 | 12:00 | 0.12 |
| J49     | JUNCTION | 0.00 | 0.07 | 101.07 | 0 | 12:00 | 0.07 |
| J5      | JUNCTION | 0.02 | 0.12 | 91.92  | 0 | 12:33 | 0.12 |
| J50     | JUNCTION | 0.00 | 0.06 | 98.89  | 0 | 12:00 | 0.06 |
| J51     | JUNCTION | 0.02 | 0.51 | 98.81  | 0 | 12:00 | 0.51 |
| J52     | JUNCTION | 0.01 | 0.10 | 100.10 | 0 | 12:00 | 0.10 |
| J53     | JUNCTION | 0.00 | 0.03 | 97.14  | 0 | 12:00 | 0.03 |
| J54     | JUNCTION | 0.01 | 0.22 | 99.31  | 0 | 12:00 | 0.22 |
| J55     | JUNCTION | 0.01 | 0.18 | 98.82  | 0 | 12:00 | 0.18 |
| J56     | JUNCTION | 0.02 | 0.41 | 98.01  | 0 | 12:00 | 0.41 |
| J58     | JUNCTION | 0.00 | 0.02 | 99.60  | 0 | 12:00 | 0.02 |
| J59     | JUNCTION | 0.00 | 0.03 | 99.13  | 0 | 12:00 | 0.03 |
| J60     | JUNCTION | 0.00 | 0.05 | 98.56  | 0 | 12:00 | 0.05 |
| J61     | JUNCTION | 0.01 | 0.10 | 98.41  | 0 | 12:00 | 0.10 |
| J62     | JUNCTION | 0.00 | 0.03 | 102.03 | 0 | 12:00 | 0.03 |
| J63     | JUNCTION | 0.01 | 0.06 | 99.66  | 0 | 12:00 | 0.06 |
| J64     | JUNCTION | 0.03 | 0.10 | 97.60  | 0 | 12:01 | 0.10 |
| J65     | JUNCTION | 0.01 | 0.06 | 99.21  | 0 | 12:00 | 0.06 |
| J66     | JUNCTION | 0.01 | 0.05 | 98.45  | 0 | 12:01 | 0.05 |
| J67     | JUNCTION | 0.01 | 0.08 | 96.08  | 0 | 12:01 | 0.08 |
| J68     | JUNCTION | 0.02 | 0.15 | 95.00  | 0 | 12:02 | 0.15 |
| J69     | JUNCTION | 0.03 | 0.22 | 94.86  | 0 | 12:03 | 0.22 |
| J70     | JUNCTION | 0.01 | 0.10 | 99.57  | 0 | 12:00 | 0.10 |
| J71     | JUNCTION | 0.01 | 0.09 | 98.09  | 0 | 12:00 | 0.09 |
| J72     | JUNCTION | 0.01 | 0.12 | 97.68  | 0 | 12:00 | 0.12 |
| J73     | JUNCTION | 0.00 | 0.00 | 99.79  | 0 | 00:00 | 0.00 |
| J8      | JUNCTION | 0.04 | 0.15 | 90.66  | 0 | 12:35 | 0.15 |
| J80     | JUNCTION | 0.02 | 0.08 | 98.16  | 0 | 12:18 | 0.08 |
| J87     | JUNCTION | 0.00 | 0.08 | 100.06 | 0 | 12:00 | 0.08 |
| J88     | JUNCTION | 0.01 | 0.11 | 101.71 | 0 | 12:01 | 0.11 |
| J89     | JUNCTION | 0.01 | 0.36 | 98.01  | 0 | 12:00 | 0.36 |
| J9      | JUNCTION | 0.02 | 0.27 | 97.90  | 0 | 12:00 | 0.27 |
| J90     | JUNCTION | 0.00 | 0.00 | 102.50 | 0 | 00:00 | 0.00 |
| J92     | JUNCTION | 0.01 | 0.09 | 98.37  | 0 | 12:16 | 0.09 |
| J93     | JUNCTION | 0.01 | 0.09 | 99.29  | 0 | 12:01 | 0.09 |
| J94     | JUNCTION | 0.02 | 0.25 | 98.07  | 0 | 12:00 | 0.25 |
| PDDJ01  | JUNCTION | 0.07 | 0.09 | 96.76  | 0 | 17:24 | 0.09 |
| PDDJ02  | JUNCTION | 0.08 | 0.09 | 96.74  | 0 | 17:25 | 0.09 |
| PDDJ03  | JUNCTION | 0.07 | 0.09 | 96.70  | 0 | 17:26 | 0.09 |
| PDDJ04  | JUNCTION | 0.07 | 0.09 | 96.61  | 0 | 16:01 | 0.09 |
| PDDJ05  | JUNCTION | 0.08 | 0.09 | 96.39  | 0 | 12:30 | 0.09 |
| PDDJ06  | JUNCTION | 0.10 | 0.12 | 96.30  | 0 | 12:31 | 0.12 |
| PDDJ07  | JUNCTION | 0.05 | 0.08 | 96.13  | 0 | 12:01 | 0.08 |
| PDDJ08  | JUNCTION | 0.07 | 0.12 | 95.62  | 0 | 12:02 | 0.12 |
| PDDJ09  | JUNCTION | 0.08 | 0.15 | 95.44  | 0 | 12:02 | 0.15 |
| PDDJ10  | JUNCTION | 0.04 | 0.09 | 95.24  | 0 | 12:02 | 0.09 |
| PDDJ11  | JUNCTION | 0.08 | 0.16 | 94.46  | 0 | 12:16 | 0.16 |
| T009007 | JUNCTION | 0.00 | 0.00 | 100.64 | 0 | 00:00 | 0.00 |
| T012001 | JUNCTION | 0.01 | 0.03 | 101.03 | 0 | 12:00 | 0.03 |
| T013002 | JUNCTION | 0.03 | 0.08 | 100.72 | 0 | 13:48 | 0.08 |
| T013003 | JUNCTION | 0.03 | 0.07 | 100.89 | 0 | 13:46 | 0.07 |
| T013006 | JUNCTION | 0.02 | 0.06 | 101.41 | 0 | 13:43 | 0.06 |
| T013007 | JUNCTION | 0.03 | 0.08 | 101.74 | 0 | 13:59 | 0.08 |
| T013012 | JUNCTION | 0.03 | 0.07 | 103.54 | 0 | 14:00 | 0.07 |
| T013016 | JUNCTION | 0.07 | 0.14 | 103.59 | 0 | 14:13 | 0.14 |
| T013019 | JUNCTION | 0.02 | 0.05 | 104.50 | 0 | 14:13 | 0.05 |
| T013020 | JUNCTION | 0.04 | 0.08 | 104.86 | 0 | 14:11 | 0.08 |
| T013021 | JUNCTION | 0.01 | 0.04 | 105.16 | 0 | 14:09 | 0.04 |
| T013022 | JUNCTION | 0.04 | 0.10 | 105.55 | 0 | 14:07 | 0.10 |
| T013023 | JUNCTION | 0.03 | 0.07 | 105.86 | 0 | 14:05 | 0.07 |
| T013024 | JUNCTION | 0.02 | 0.07 | 106.19 | 0 | 14:04 | 0.07 |
| T013025 | JUNCTION | 0.02 | 0.06 | 106.35 | 0 | 14:06 | 0.06 |
| T013031 | JUNCTION | 0.02 | 0.05 | 107.37 | 0 | 14:01 | 0.05 |
| T013032 | JUNCTION | 0.03 | 0.07 | 107.78 | 0 | 14:07 | 0.07 |
| T013033 | JUNCTION | 0.02 | 0.05 | 108.31 | 0 | 13:51 | 0.05 |
| T013037 | JUNCTION | 0.02 | 0.06 | 108.60 | 0 | 13:51 | 0.06 |
| T013042 | JUNCTION | 0.04 | 0.08 | 108.60 | 0 | 13:57 | 0.08 |
| T013044 | JUNCTION | 0.03 | 0.07 | 108.60 | 0 | 13:55 | 0.07 |
| T013045 | JUNCTION | 0.03 | 0.06 | 108.60 | 0 | 13:54 | 0.06 |
| T014001 | JUNCTION | 0.03 | 0.09 | 103.57 | 0 | 12:00 | 0.09 |
| T015001 | JUNCTION | 0.02 | 0.06 | 104.60 | 0 | 13:30 | 0.06 |
| T015003 | JUNCTION | 0.02 | 0.05 | 106.19 | 0 | 12:04 | 0.05 |
| T016001 | JUNCTION | 0.02 | 0.05 | 108.67 | 0 | 12:21 | 0.05 |
| T016003 | JUNCTION | 0.02 | 0.06 | 108.83 | 0 | 12:00 | 0.06 |
| T043003 | JUNCTION | 0.03 | 0.07 | 101.24 | 0 | 13:44 | 0.07 |
| OF-A    | OUTFALL  | 0.01 | 0.07 | 91.57  | 0 | 12:33 | 0.07 |
| OF-B    | OUTFALL  | 0.08 | 0.24 | 93.54  | 0 | 14:34 | 0.24 |
| OF-C    | OUTFALL  | 0.08 | 0.16 | 94.31  | 0 | 12:16 | 0.16 |
| OF-EX   | OUTFALL  | 0.02 | 0.08 | 89.70  | 0 | 12:35 | 0.08 |
| SU1     | STORAGE  | 1.72 | 1.91 | 97.41  | 0 | 17:24 | 1.91 |

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Node Inflow Summary  
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| Node   | Type     | Maximum<br>Lateral<br>Inflow<br>CMS | Maximum<br>Total<br>Inflow<br>CMS | Time of Max<br>Occurrence<br>days hr:min |       | Lateral<br>Inflow<br>Volume<br>10^6 ltr | Total<br>Inflow<br>Volume<br>10^6 ltr | Flow<br>Balance<br>Error<br>Percent |
|--------|----------|-------------------------------------|-----------------------------------|------------------------------------------|-------|-----------------------------------------|---------------------------------------|-------------------------------------|
| 16017  | JUNCTION | 0.018                               | 0.046                             | 0                                        | 12:25 | 0.143                                   | 0.271                                 | 0.433                               |
| 16094  | JUNCTION | 0.000                               | 0.000                             | 0                                        | 00:00 | 0                                       | 0                                     | 0.000 ltr                           |
| 16130  | JUNCTION | 0.023                               | 0.218                             | 0                                        | 12:23 | 0.172                                   | 6.22                                  | 0.276                               |
| 25010  | JUNCTION | 0.006                               | 0.033                             | 0                                        | 12:15 | 0.0425                                  | 0.454                                 | 0.013                               |
| 25025  | JUNCTION | 0.010                               | 0.051                             | 0                                        | 12:01 | 0.0589                                  | 0.412                                 | 0.090                               |
| 26419  | JUNCTION | 0.000                               | 0.000                             | 0                                        | 00:00 | 0                                       | 0                                     | 0.000 ltr                           |
| 26456  | JUNCTION | 0.000                               | 0.067                             | 0                                        | 12:14 | 0                                       | 2.66                                  | 0.136                               |
| 26578  | JUNCTION | 0.000                               | 0.000                             | 0                                        | 00:00 | 0                                       | 0                                     | 0.000 ltr                           |
| DDJ01  | JUNCTION | 0.000                               | 0.130                             | 0                                        | 13:48 | 0                                       | 3.88                                  | 0.011                               |
| DDJ02  | JUNCTION | 0.000                               | 0.154                             | 0                                        | 12:05 | 0                                       | 4.41                                  | 0.010                               |
| DDJ03  | JUNCTION | 0.023                               | 0.184                             | 0                                        | 12:02 | 0.176                                   | 4.92                                  | 0.037                               |
| DDJ04  | JUNCTION | 0.022                               | 0.184                             | 0                                        | 12:07 | 0.163                                   | 5.08                                  | 0.017                               |
| DDJ05  | JUNCTION | 0.013                               | 0.187                             | 0                                        | 12:09 | 0.0985                                  | 5.18                                  | 0.015                               |
| DDJ06  | JUNCTION | 0.007                               | 0.190                             | 0                                        | 12:10 | 0.0483                                  | 5.23                                  | 0.016                               |
| DDJ07  | JUNCTION | 0.013                               | 0.194                             | 0                                        | 12:12 | 0.082                                   | 5.31                                  | 0.020                               |
| DDJ08  | JUNCTION | 0.000                               | 0.194                             | 0                                        | 12:14 | 0                                       | 5.31                                  | 0.010                               |
| DDJ09  | JUNCTION | 0.004                               | 0.195                             | 0                                        | 12:15 | 0.0286                                  | 5.33                                  | 0.007                               |
| DDJ10  | JUNCTION | 0.000                               | 0.195                             | 0                                        | 12:16 | 0                                       | 5.33                                  | 0.005                               |
| DDJ11  | JUNCTION | 0.000                               | 0.195                             | 0                                        | 12:17 | 0                                       | 5.33                                  | 0.005                               |
| DDJ12  | JUNCTION | 0.003                               | 0.197                             | 0                                        | 12:17 | 0.0226                                  | 5.36                                  | 0.004                               |
| DDJ13  | JUNCTION | 0.000                               | 0.197                             | 0                                        | 12:18 | 0                                       | 5.35                                  | 0.014                               |
| DDJ14  | JUNCTION | 0.022                               | 0.212                             | 0                                        | 12:19 | 0.139                                   | 5.63                                  | -0.058                              |
| J101   | JUNCTION | 0.017                               | 0.068                             | 0                                        | 12:12 | 0.14                                    | 0.99                                  | 0.017                               |
| J117   | JUNCTION | 0.017                               | 0.071                             | 0                                        | 12:00 | 0.136                                   | 0.706                                 | 0.066                               |
| J14    | JUNCTION | 0.009                               | 0.134                             | 0                                        | 12:32 | 0.0692                                  | 2.43                                  | 0.008                               |
| J152   | JUNCTION | 0.017                               | 0.017                             | 0                                        | 12:00 | 0.133                                   | 0.133                                 | -0.011                              |
| J160   | JUNCTION | 0.039                               | 0.039                             | 0                                        | 12:00 | 0.308                                   | 0.308                                 | -0.011                              |
| J17    | JUNCTION | 0.018                               | 0.130                             | 0                                        | 12:31 | 0.127                                   | 2.36                                  | 0.018                               |
| J2     | JUNCTION | 0.000                               | 0.027                             | 0                                        | 12:19 | 0                                       | 0.142                                 | 0.143                               |
| J24    | JUNCTION | 0.000                               | 0.000                             | 0                                        | 00:00 | 0                                       | 0                                     | 0.000 ltr                           |
| J253   | JUNCTION | 0.018                               | 0.070                             | 0                                        | 12:00 | 0.129                                   | 0.57                                  | -0.020                              |
| J259   | JUNCTION | 0.019                               | 0.070                             | 0                                        | 12:02 | 0.146                                   | 0.851                                 | 0.073                               |
| J26    | JUNCTION | 0.001                               | 0.039                             | 0                                        | 12:00 | 0.00794                                 | 0.175                                 | 0.026                               |
| J274   | JUNCTION | 0.015                               | 0.140                             | 0                                        | 12:32 | 0.0954                                  | 2.53                                  | 0.002                               |
| J276   | JUNCTION | 0.009                               | 0.095                             | 0                                        | 12:01 | 0.0517                                  | 1.46                                  | 0.014                               |
| J28    | JUNCTION | 0.000                               | 0.072                             | 0                                        | 12:02 | 0                                       | 0.525                                 | 0.002                               |
| J29    | JUNCTION | 0.007                               | 0.077                             | 0                                        | 12:00 | 0.0197                                  | 0.525                                 | 0.004                               |
| J3     | JUNCTION | 0.014                               | 0.014                             | 0                                        | 12:00 | 0.113                                   | 0.113                                 | -0.002                              |
| J30    | JUNCTION | 0.037                               | 0.073                             | 0                                        | 12:00 | 0.302                                   | 0.505                                 | -0.016                              |
| J31    | JUNCTION | 0.013                               | 0.034                             | 0                                        | 12:00 | 0.0499                                  | 0.189                                 | -0.005                              |
| J32    | JUNCTION | 0.009                               | 0.023                             | 0                                        | 12:00 | 0.0262                                  | 0.139                                 | -0.002                              |
| J33    | JUNCTION | 0.038                               | 0.113                             | 0                                        | 12:00 | 0.294                                   | 1.76                                  | 0.056                               |
| J34    | JUNCTION | 0.010                               | 0.010                             | 0                                        | 12:00 | 0.0501                                  | 0.0501                                | -0.015                              |
| J35    | JUNCTION | 0.018                               | 0.109                             | 0                                        | 12:29 | 0.151                                   | 1.91                                  | 0.177                               |
| J36    | JUNCTION | 0.000                               | 0.029                             | 0                                        | 12:15 | 0                                       | 0.411                                 | 0.003                               |
| J38    | JUNCTION | 0.000                               | 0.017                             | 0                                        | 17:23 | 0                                       | 2                                     | 0.005                               |
| J39    | JUNCTION | 0.025                               | 0.665                             | 0                                        | 12:00 | 0.072                                   | 2.03                                  | -0.001                              |
| J43    | JUNCTION | 0.041                               | 0.122                             | 0                                        | 12:30 | 0.334                                   | 2.24                                  | -0.000                              |
| J46    | JUNCTION | 0.004                               | 0.020                             | 0                                        | 12:00 | 0.0104                                  | 0.0647                                | -0.006                              |
| J47    | JUNCTION | 0.096                               | 0.852                             | 0                                        | 12:00 | 0.276                                   | 2.59                                  | 0.020                               |
| J48    | JUNCTION | 0.099                               | 0.099                             | 0                                        | 12:00 | 0.284                                   | 0.284                                 | -0.018                              |
| J49    | JUNCTION | 0.046                               | 0.046                             | 0                                        | 12:00 | 0.131                                   | 0.131                                 | -0.008                              |
| J5     | JUNCTION | 0.041                               | 0.041                             | 0                                        | 12:00 | 0.302                                   | 0.302                                 | 0.105                               |
| J50    | JUNCTION | 0.018                               | 0.063                             | 0                                        | 12:00 | 0.0514                                  | 0.183                                 | -0.001                              |
| J51    | JUNCTION | 0.118                               | 0.391                             | 0                                        | 12:00 | 0.339                                   | 1.13                                  | -0.005                              |
| J52    | JUNCTION | 0.071                               | 0.071                             | 0                                        | 12:00 | 0.203                                   | 0.203                                 | -0.012                              |
| J53    | JUNCTION | 0.018                               | 0.018                             | 0                                        | 12:00 | 0.141                                   | 0.141                                 | -0.040                              |
| J54    | JUNCTION | 0.015                               | 0.086                             | 0                                        | 12:00 | 0.0442                                  | 0.248                                 | 0.011                               |
| J55    | JUNCTION | 0.126                               | 0.211                             | 0                                        | 12:00 | 0.361                                   | 0.608                                 | -0.010                              |
| J56    | JUNCTION | 0.097                               | 0.257                             | 0                                        | 12:00 | 0.279                                   | 0.825                                 | 0.004                               |
| J58    | JUNCTION | 0.007                               | 0.007                             | 0                                        | 12:00 | 0.0198                                  | 0.0198                                | -0.033                              |
| J59    | JUNCTION | 0.003                               | 0.010                             | 0                                        | 12:00 | 0.0117                                  | 0.0316                                | 0.005                               |
| J60    | JUNCTION | 0.004                               | 0.014                             | 0                                        | 12:00 | 0.0134                                  | 0.045                                 | -0.017                              |
| J61    | JUNCTION | 0.003                               | 0.017                             | 0                                        | 12:00 | 0.00937                                 | 0.0544                                | 0.032                               |
| J62    | JUNCTION | 0.003                               | 0.012                             | 0                                        | 12:00 | 0.0233                                  | 0.0734                                | 0.007                               |
| J63    | JUNCTION | 0.005                               | 0.017                             | 0                                        | 12:00 | 0.0154                                  | 0.0888                                | -0.007                              |
| J64    | JUNCTION | 0.030                               | 0.089                             | 0                                        | 12:00 | 0.233                                   | 1.41                                  | -0.003                              |
| J65    | JUNCTION | 0.004                               | 0.020                             | 0                                        | 12:00 | 0.0279                                  | 0.117                                 | -0.006                              |
| J66    | JUNCTION | 0.003                               | 0.022                             | 0                                        | 12:00 | 0.0252                                  | 0.142                                 | 0.006                               |
| J67    | JUNCTION | 0.011                               | 0.033                             | 0                                        | 12:00 | 0.0659                                  | 0.208                                 | -0.004                              |
| J68    | JUNCTION | 0.016                               | 0.045                             | 0                                        | 12:00 | 0.097                                   | 0.305                                 | -0.017                              |
| J69    | JUNCTION | 0.009                               | 0.048                             | 0                                        | 12:00 | 0.048                                   | 0.353                                 | 0.002                               |
| J70    | JUNCTION | 0.000                               | 0.071                             | 0                                        | 12:00 | 0                                       | 0.203                                 | 0.004                               |
| J71    | JUNCTION | 0.018                               | 0.038                             | 0                                        | 12:00 | 0.102                                   | 0.167                                 | 0.005                               |
| J72    | JUNCTION | 0.000                               | 0.098                             | 0                                        | 12:00 | 0                                       | 0.284                                 | -0.019                              |
| J73    | JUNCTION | 0.000                               | 0.000                             | 0                                        | 00:00 | 0                                       | 0                                     | 0.000 ltr                           |
| J8     | JUNCTION | 0.016                               | 0.146                             | 0                                        | 12:32 | 0.125                                   | 2.65                                  | 0.020                               |
| J80    | JUNCTION | 0.010                               | 0.073                             | 0                                        | 12:17 | 0.0856                                  | 1.18                                  | 0.024                               |
| J87    | JUNCTION | 0.000                               | 0.046                             | 0                                        | 12:00 | 0                                       | 0.131                                 | 0.005                               |
| J88    | JUNCTION | 0.005                               | 0.038                             | 0                                        | 12:00 | 0.0141                                  | 0.203                                 | 0.019                               |
| J89    | JUNCTION | 0.000                               | 0.164                             | 0                                        | 12:00 | 0                                       | 0.546                                 | 0.034                               |
| J9     | JUNCTION | 0.000                               | 0.099                             | 0                                        | 12:00 | 0                                       | 0.284                                 | 0.019                               |
| J90    | JUNCTION | 0.000                               | 0.000                             | 0                                        | 00:00 | 0                                       | 0                                     | 0.000 ltr                           |
| J92    | JUNCTION | 0.012                               | 0.071                             | 0                                        | 12:02 | 0.101                                   | 1.09                                  | 0.012                               |
| J93    | JUNCTION | 0.000                               | 0.017                             | 0                                        | 12:00 | 0                                       | 0.0888                                | 0.011                               |
| J94    | JUNCTION | 0.129                               | 0.166                             | 0                                        | 12:00 | 0.371                                   | 0.546                                 | -0.040                              |
| PDDJ01 | JUNCTION | 0.000                               | 0.017                             | 0                                        | 17:24 | 0                                       | 2                                     | 0.007                               |
| PDDJ02 | JUNCTION | 0.000                               | 0.017                             | 0                                        | 17:24 | 0                                       | 2                                     | 0.049                               |
| PDDJ03 | JUNCTION | 0.000                               | 0.017                             | 0                                        | 17:25 | 0                                       | 2                                     | 0.039                               |
| PDDJ04 | JUNCTION | 0.002                               | 0.017                             | 0                                        | 16:00 | 0.00847                                 | 2.01                                  | 0.095                               |
| PDDJ05 | JUNCTION | 0.004                               | 0.017                             | 0                                        | 12:30 | 0.0193                                  | 2.03                                  | 0.121                               |

|         |          |       |       |   |       |        |       |           |
|---------|----------|-------|-------|---|-------|--------|-------|-----------|
| PDDJ06  | JUNCTION | 0.004 | 0.020 | 0 | 12:01 | 0.0179 | 2.04  | 0.153     |
| PDDJ07  | JUNCTION | 0.012 | 0.029 | 0 | 12:00 | 0.0654 | 2.1   | 0.063     |
| PDDJ08  | JUNCTION | 0.011 | 0.039 | 0 | 12:00 | 0.0391 | 2.14  | 0.069     |
| PDDJ09  | JUNCTION | 0.006 | 0.043 | 0 | 12:01 | 0.0451 | 2.19  | 0.073     |
| PDDJ10  | JUNCTION | 0.004 | 0.046 | 0 | 12:02 | 0.0247 | 2.21  | 0.031     |
| PDDJ11  | JUNCTION | 0.000 | 0.070 | 0 | 12:04 | 0      | 2.66  | 0.098     |
| T009007 | JUNCTION | 0.000 | 0.000 | 0 | 00:00 | 0      | 0     | 0.000 ltr |
| T012001 | JUNCTION | 0.040 | 0.040 | 0 | 12:00 | 0.334  | 0.334 | -0.295    |
| T013002 | JUNCTION | 0.000 | 0.130 | 0 | 13:46 | 0      | 3.88  | 0.017     |
| T013003 | JUNCTION | 0.000 | 0.130 | 0 | 13:44 | 0      | 3.89  | 0.058     |
| T013006 | JUNCTION | 0.013 | 0.130 | 0 | 13:43 | 0.106  | 3.89  | 0.016     |
| T013007 | JUNCTION | 0.032 | 0.126 | 0 | 13:53 | 0.26   | 3.79  | 0.081     |
| T013012 | JUNCTION | 0.021 | 0.118 | 0 | 13:58 | 0.163  | 3.54  | 0.307     |
| T013016 | JUNCTION | 0.048 | 0.080 | 0 | 14:00 | 0.388  | 2.42  | 0.154     |
| T013019 | JUNCTION | 0.000 | 0.069 | 0 | 14:11 | 0      | 2.04  | 0.225     |
| T013020 | JUNCTION | 0.000 | 0.069 | 0 | 14:09 | 0      | 2.04  | 0.276     |
| T013021 | JUNCTION | 0.000 | 0.069 | 0 | 14:08 | 0      | 2.04  | 0.028     |
| T013022 | JUNCTION | 0.000 | 0.069 | 0 | 14:05 | 0      | 2.04  | 0.091     |
| T013023 | JUNCTION | 0.000 | 0.069 | 0 | 14:04 | 0      | 2.04  | 0.025     |
| T013024 | JUNCTION | 0.032 | 0.069 | 0 | 14:00 | 0.248  | 2.05  | 0.229     |
| T013025 | JUNCTION | 0.000 | 0.062 | 0 | 14:01 | 0      | 1.81  | 0.661     |
| T013031 | JUNCTION | 0.034 | 0.062 | 0 | 14:00 | 0.267  | 1.82  | 0.179     |
| T013032 | JUNCTION | 0.025 | 0.055 | 0 | 13:42 | 0.19   | 1.56  | 0.664     |
| T013033 | JUNCTION | 0.040 | 0.049 | 0 | 13:30 | 0.32   | 1.38  | 0.802     |
| T013037 | JUNCTION | 0.034 | 0.041 | 0 | 12:00 | 0.248  | 1.09  | 1.840     |
| T013042 | JUNCTION | 0.020 | 0.035 | 0 | 12:00 | 0.157  | 0.58  | 5.737     |
| T013044 | JUNCTION | 0.034 | 0.052 | 0 | 12:00 | 0.234  | 0.44  | 5.414     |
| T013045 | JUNCTION | 0.028 | 0.028 | 0 | 12:00 | 0.21   | 0.21  | 1.950     |
| T014001 | JUNCTION | 0.044 | 0.044 | 0 | 12:00 | 0.367  | 0.367 | 0.027     |
| T015001 | JUNCTION | 0.035 | 0.049 | 0 | 12:00 | 0.281  | 0.596 | 0.611     |
| T015003 | JUNCTION | 0.041 | 0.041 | 0 | 12:00 | 0.316  | 0.316 | 0.264     |
| T016001 | JUNCTION | 0.000 | 0.037 | 0 | 12:02 | 0      | 0.296 | 2.467     |
| T016003 | JUNCTION | 0.037 | 0.037 | 0 | 12:00 | 0.297  | 0.297 | 0.305     |
| T043003 | JUNCTION | 0.000 | 0.130 | 0 | 13:43 | 0      | 3.89  | 0.034     |
| OF-A    | OUTFALL  | 0.000 | 0.017 | 0 | 12:33 | 0      | 0.302 | 0.000     |
| OF-B    | OUTFALL  | 0.000 | 0.182 | 0 | 14:34 | 0      | 5.93  | 0.000     |
| OF-C    | OUTFALL  | 0.000 | 0.067 | 0 | 12:16 | 0      | 2.66  | 0.000     |
| OF-EX   | OUTFALL  | 0.023 | 0.156 | 0 | 12:34 | 0.249  | 2.9   | 0.000     |
| SU1     | STORAGE  | 0.165 | 1.014 | 0 | 12:00 | 0.475  | 6.32  | 0.028     |

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

| Node    | Type     | Hours<br>Surcharged | Max. Height           | Min. Depth          |
|---------|----------|---------------------|-----------------------|---------------------|
|         |          |                     | Above Crown<br>Meters | Below Rim<br>Meters |
| T009007 | JUNCTION | 48.00               | 0.000                 | 0.000               |

\*\*\*\*\*  
Node Flooding Summary  
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No nodes were flooded.

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

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

| Outfall Node | Flow<br>Freq | Avg<br>Flow | Max<br>Flow | Total<br>Volume |
|--------------|--------------|-------------|-------------|-----------------|
|              | Pcnt         | CMS         | CMS         | 10^6 ltr        |
| OF-A         | 64.86        | 0.003       | 0.017       | 0.302           |
| OF-B         | 94.82        | 0.039       | 0.182       | 5.934           |
| OF-C         | 96.47        | 0.017       | 0.067       | 2.656           |
| OF-EX        | 99.82        | 0.018       | 0.156       | 2.900           |
| System       | 88.99        | 0.078       | 0.337       | 11.793          |

\*\*\*\*\*  
Link Flow Summary  
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| Link         | Type    | Maximum<br> Flow | Time of Max<br>Occurrence | Maximum<br> Veloc | Max/<br>Full<br>Flow | Max/<br>Full<br>Depth |
|--------------|---------|------------------|---------------------------|-------------------|----------------------|-----------------------|
|              |         | CMS              | days hr:min               | m/sec             |                      |                       |
| AR02_HDPE450 | CONDUIT | 0.016            | 0 12:00                   | 1.05              | 0.06                 | 0.16                  |
| AR1_HDPE600  | CONDUIT | 0.029            | 0 12:15                   | 1.22              | 0.05                 | 0.14                  |
| C10          | CONDUIT | 0.016            | 0 12:00                   | 0.16              | 0.01                 | 0.08                  |
| C100         | CHANNEL | 0.134            | 0 12:33                   | 0.61              | 0.01                 | 0.15                  |

|               |         |       |   |       |       |      |      |
|---------------|---------|-------|---|-------|-------|------|------|
| C101          | CHANNEL | 0.140 | 0 | 12:33 | 0.52  | 0.01 | 0.14 |
| C103          | CHANNEL | 0.145 | 0 | 12:35 | 0.43  | 0.10 | 0.31 |
| C129          | CONDUIT | 0.014 | 0 | 12:00 | 0.16  | 0.01 | 0.15 |
| C130          | CONDUIT | 0.012 | 0 | 12:00 | 0.25  | 0.00 | 0.03 |
| C131          | CONDUIT | 0.851 | 0 | 12:00 | 1.85  | 0.05 | 0.33 |
| C132_1        | CONDUIT | 0.017 | 0 | 12:00 | 0.20  | 0.00 | 0.04 |
| C132_2        | CONDUIT | 0.016 | 0 | 12:01 | 0.19  | 0.01 | 0.07 |
| C133          | CONDUIT | 0.020 | 0 | 12:01 | 0.31  | 0.00 | 0.06 |
| C134          | CONDUIT | 0.022 | 0 | 12:01 | 0.30  | 0.01 | 0.08 |
| C135          | CONDUIT | 0.031 | 0 | 12:01 | 0.23  | 0.01 | 0.11 |
| C136          | CONDUIT | 0.041 | 0 | 12:02 | 0.17  | 0.02 | 0.18 |
| C137          | CONDUIT | 0.045 | 0 | 12:03 | 0.20  | 0.16 | 0.17 |
| C1450_1       | CHANNEL | 0.023 | 0 | 13:30 | 0.16  | 0.00 | 0.09 |
| C20           | CONDUIT | 0.017 | 0 | 12:00 | 0.16  | 0.02 | 0.24 |
| C25_3         | CHANNEL | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.27 |
| C26_1         | CONDUIT | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.11 |
| C26_2         | CONDUIT | 0.013 | 0 | 12:00 | 0.16  | 0.06 | 0.25 |
| C26_5         | CONDUIT | 0.009 | 0 | 12:00 | 0.22  | 0.00 | 0.06 |
| C30           | CONDUIT | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.00 |
| C30_3         | CONDUIT | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.15 |
| C36           | CONDUIT | 0.022 | 0 | 12:00 | 0.18  | 0.05 | 0.22 |
| C45           | CONDUIT | 0.037 | 0 | 12:00 | 0.33  | 0.01 | 0.09 |
| C46_1         | CONDUIT | 0.033 | 0 | 12:00 | 0.24  | 0.05 | 0.21 |
| C46_2         | CONDUIT | 0.037 | 0 | 12:01 | 0.21  | 0.03 | 0.20 |
| C47           | CONDUIT | 0.070 | 0 | 12:00 | 0.26  | 0.08 | 0.32 |
| C50           | CONDUIT | 0.072 | 0 | 12:02 | 0.37  | 0.08 | 0.25 |
| C57           | CHANNEL | 0.058 | 0 | 12:02 | 0.23  | 0.06 | 0.36 |
| C60           | CONDUIT | 0.071 | 0 | 12:03 | 0.22  | 0.02 | 0.15 |
| C70           | CHANNEL | 0.061 | 0 | 12:05 | 0.44  | 0.00 | 0.10 |
| C72           | CONDUIT | 0.007 | 0 | 12:00 | 0.27  | 0.00 | 0.03 |
| C75           | CONDUIT | 0.063 | 0 | 12:11 | 0.38  | 0.01 | 0.08 |
| C80           | CONDUIT | 0.010 | 0 | 12:00 | 0.25  | 0.00 | 0.05 |
| C81           | CHANNEL | 0.068 | 0 | 12:13 | 0.28  | 0.27 | 0.64 |
| C86           | CONDUIT | 0.070 | 0 | 12:17 | 0.38  | 0.01 | 0.08 |
| C87           | CHANNEL | 0.073 | 0 | 12:18 | 0.28  | 0.01 | 0.15 |
| C89           | CHANNEL | 0.088 | 0 | 12:01 | 0.64  | 0.01 | 0.14 |
| C91           | CHANNEL | 0.089 | 0 | 12:04 | 0.30  | 0.01 | 0.15 |
| C93           | CHANNEL | 0.101 | 0 | 12:28 | 0.21  | 0.04 | 0.29 |
| C95           | CHANNEL | 0.108 | 0 | 12:31 | 0.23  | 0.16 | 0.32 |
| C96           | CHANNEL | 0.122 | 0 | 12:32 | 0.41  | 0.00 | 0.15 |
| C99           | CHANNEL | 0.130 | 0 | 12:33 | 0.69  | 0.01 | 0.15 |
| DDC01         | CONDUIT | 0.130 | 0 | 13:49 | 0.51  | 0.02 | 0.16 |
| DDC02         | CONDUIT | 0.153 | 0 | 12:06 | 0.50  | 0.03 | 0.15 |
| DDC03         | CONDUIT | 0.176 | 0 | 12:07 | 0.41  | 0.01 | 0.10 |
| DDC04         | CONDUIT | 0.182 | 0 | 12:09 | 0.40  | 0.01 | 0.10 |
| DDC05         | CONDUIT | 0.187 | 0 | 12:10 | 0.44  | 0.01 | 0.10 |
| DDC06         | CONDUIT | 0.189 | 0 | 12:12 | 0.48  | 0.01 | 0.09 |
| DDC07         | CONDUIT | 0.194 | 0 | 12:14 | 0.48  | 0.01 | 0.09 |
| DDC08         | CONDUIT | 0.194 | 0 | 12:15 | 0.47  | 0.02 | 0.11 |
| DDC09         | CONDUIT | 0.195 | 0 | 12:16 | 0.49  | 0.02 | 0.11 |
| DDC10         | CONDUIT | 0.195 | 0 | 12:17 | 0.55  | 0.02 | 0.11 |
| DDC11         | CONDUIT | 0.195 | 0 | 12:17 | 0.47  | 0.02 | 0.15 |
| DDC12         | CONDUIT | 0.197 | 0 | 12:18 | 0.68  | 0.03 | 0.16 |
| DDC13         | CONDUIT | 0.196 | 0 | 12:19 | 0.67  | 0.02 | 0.11 |
| MDC01         | CONDUIT | 0.071 | 0 | 12:00 | 0.57  | 0.01 | 0.10 |
| MDC02         | CONDUIT | 0.071 | 0 | 12:00 | 0.33  | 0.01 | 0.16 |
| MDC03_HDPE600 | CONDUIT | 0.086 | 0 | 12:00 | 1.14  | 0.05 | 0.27 |
| MDC04         | CONDUIT | 0.210 | 0 | 12:00 | 0.27  | 0.01 | 0.26 |
| MDC05_HDPE900 | CONDUIT | 0.388 | 0 | 12:00 | 1.11  | 0.16 | 0.54 |
| NDC01         | CONDUIT | 0.020 | 0 | 12:00 | 0.31  | 0.01 | 0.13 |
| NDC02         | CONDUIT | 0.038 | 0 | 12:00 | 0.28  | 0.04 | 0.26 |
| NDC03         | CONDUIT | 0.041 | 0 | 12:01 | 0.20  | 0.05 | 0.36 |
| NDC04         | CONDUIT | 0.164 | 0 | 12:00 | 0.37  | 0.12 | 0.46 |
| NDC05         | CONDUIT | 0.163 | 0 | 12:00 | 0.11  | 0.05 | 0.45 |
| NDC06         | CONDUIT | 0.253 | 0 | 12:00 | 0.32  | 0.17 | 0.51 |
| NDC07         | CONDUIT | 0.661 | 0 | 12:00 | 0.84  | 0.11 | 0.34 |
| NDC08         | CONDUIT | 0.098 | 0 | 12:00 | 0.27  | 0.01 | 0.20 |
| NDC09_HDPE600 | CONDUIT | 0.098 | 0 | 12:00 | 1.24  | 0.23 | 0.32 |
| NDC10         | CONDUIT | 0.099 | 0 | 12:00 | 0.38  | 0.02 | 0.24 |
| OFA_CC700     | CONDUIT | 0.017 | 0 | 12:33 | 0.54  | 0.02 | 0.14 |
| OFB_CC700     | CONDUIT | 0.182 | 0 | 14:34 | 1.20  | 0.26 | 0.42 |
| OFC_CC600     | CONDUIT | 0.067 | 0 | 12:16 | 0.87  | 0.20 | 0.32 |
| PD_IS_HDPE300 | CONDUIT | 0.017 | 0 | 17:23 | 0.24  | 0.09 | 1.00 |
| PDDC01        | CONDUIT | 0.017 | 0 | 17:24 | 0.28  | 0.03 | 0.18 |
| PDDC02        | CONDUIT | 0.017 | 0 | 17:25 | 0.28  | 0.02 | 0.16 |
| PDDC03        | CONDUIT | 0.017 | 0 | 17:26 | 0.28  | 0.01 | 0.10 |
| PDDC04        | CONDUIT | 0.017 | 0 | 16:01 | 0.27  | 0.00 | 0.06 |
| PDDC05        | CONDUIT | 0.017 | 0 | 12:31 | 0.23  | 0.00 | 0.07 |
| PDDC06        | CONDUIT | 0.019 | 0 | 12:30 | 0.28  | 0.02 | 0.14 |
| PDDC07        | CONDUIT | 0.028 | 0 | 12:01 | 0.41  | 0.02 | 0.17 |
| PDDC08        | CONDUIT | 0.038 | 0 | 12:02 | 0.36  | 0.02 | 0.17 |
| PDDC09        | CONDUIT | 0.043 | 0 | 12:02 | 0.48  | 0.02 | 0.15 |
| PDDC10        | CONDUIT | 0.046 | 0 | 12:02 | 0.56  | 0.01 | 0.15 |
| PUB_rd_DC01   | CHANNEL | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.05 |
| PUB_rd_DC02   | CHANNEL | 0.029 | 0 | 12:16 | 0.12  | 0.01 | 0.14 |
| PUB_rd_DC03   | CHANNEL | 0.033 | 0 | 12:17 | 0.13  | 0.00 | 0.12 |
| PUB_rd_DC04   | CHANNEL | 0.067 | 0 | 12:14 | 0.16  | 0.01 | 0.21 |
| PUB_rd_DC05   | CHANNEL | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.22 |
| PUB_rd_DC06   | CHANNEL | 0.039 | 0 | 12:24 | 0.08  | 0.00 | 0.19 |
| PUB_rd_DC07   | CHANNEL | 0.027 | 0 | 12:19 | 0.03  | 0.00 | 0.25 |
| PUB_rd_DC08   | CHANNEL | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.04 |
| SDC01         | CONDUIT | 0.046 | 0 | 12:00 | 0.54  | 0.01 | 0.07 |
| SDC02         | CONDUIT | 0.045 | 0 | 12:00 | 0.59  | 0.01 | 0.07 |
| SDC03         | CONDUIT | 0.063 | 0 | 12:00 | 0.09  | 0.00 | 0.24 |
| SMC14         | CHANNEL | 0.208 | 0 | 12:23 | 0.44  | 0.02 | 0.33 |
| U012001       | CHANNEL | 0.038 | 0 | 12:00 | 0.15  | 0.00 | 0.10 |
| U013002       | CHANNEL | 0.130 | 0 | 13:48 | 0.31  | 0.00 | 0.04 |
| U013003       | CHANNEL | 0.130 | 0 | 13:46 | 0.25  | 0.00 | 0.05 |
| U013004       | CHANNEL | 0.130 | 0 | 13:44 | 0.27  | 0.00 | 0.04 |
| U013006_2     | CHANNEL | 0.130 | 0 | 13:43 | 0.39  | 0.00 | 0.04 |
| U013007       | CHANNEL | 0.126 | 0 | 13:56 | 0.30  | 0.00 | 0.04 |
| U013008       | CHANNEL | 0.118 | 0 | 14:00 | 20.92 | 0.00 | 0.04 |
| U013015       | CHANNEL | 0.080 | 0 | 14:12 | 1.80  | 0.00 | 0.06 |

|         |         |       |   |       |       |      |      |
|---------|---------|-------|---|-------|-------|------|------|
| U013019 | CHANNEL | 0.069 | 0 | 14:13 | 0.05  | 0.00 | 0.07 |
| U013020 | CHANNEL | 0.069 | 0 | 14:11 | 18.77 | 0.00 | 0.03 |
| U013021 | CHANNEL | 0.069 | 0 | 14:09 | 0.16  | 0.00 | 0.02 |
| U013022 | CHANNEL | 0.069 | 0 | 14:08 | 2.48  | 0.00 | 0.04 |
| U013023 | CHANNEL | 0.069 | 0 | 14:05 | 0.26  | 0.00 | 0.09 |
| U013024 | CHANNEL | 0.069 | 0 | 14:04 | 0.35  | 0.00 | 0.07 |
| U013025 | CHANNEL | 0.061 | 0 | 14:06 | 1.47  | 0.00 | 0.03 |
| U013026 | CHANNEL | 0.062 | 0 | 14:01 | 0.25  | 0.00 | 0.03 |
| U013032 | CHANNEL | 0.053 | 0 | 14:03 | 0.16  | 0.00 | 0.03 |
| U013033 | CHANNEL | 0.049 | 0 | 13:51 | 10.02 | 0.00 | 0.03 |
| U013034 | CHANNEL | 0.038 | 0 | 13:51 | 6.90  | 0.00 | 0.03 |
| U013038 | CHANNEL | 0.019 | 0 | 14:02 | 3.20  | 0.00 | 0.04 |
| U013044 | CHANNEL | 0.017 | 0 | 12:09 | 0.03  | 0.00 | 0.05 |
| U013045 | CHANNEL | 0.020 | 0 | 12:01 | 0.28  | 0.00 | 0.04 |
| U014001 | CHANNEL | 0.043 | 0 | 12:00 | 3.85  | 0.00 | 0.04 |
| U015002 | CHANNEL | 0.017 | 0 | 12:04 | 11.43 | 0.00 | 0.04 |
| U016001 | CHANNEL | 0.016 | 0 | 12:39 | 0.65  | 0.00 | 0.03 |
| U016002 | CHANNEL | 0.037 | 0 | 12:02 | 4.52  | 0.00 | 0.03 |
| OR1     | ORIFICE | 0.017 | 0 | 17:24 |       |      | 1.00 |

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Flow Classification Summary  
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| Conduit       | Adjusted<br>/Actual<br>Length | ----- Fraction of Time in Flow Class ----- |           |             |             |             |            |              |             |               |
|---------------|-------------------------------|--------------------------------------------|-----------|-------------|-------------|-------------|------------|--------------|-------------|---------------|
|               |                               | Up<br>Dry                                  | Up<br>Dry | Down<br>Dry | Sub<br>Crit | Sup<br>Crit | Up<br>Crit | Down<br>Crit | Norm<br>Ltd | Inlet<br>Ctrl |
| AR02_HDPE450  | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.47        | 0.53        | 0.00       | 0.00         | 0.00        | 0.00          |
| AR1_HDPE600   | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.32        | 0.68        | 0.00       | 0.00         | 0.00        | 0.00          |
| C10           | 1.00                          | 0.00                                       | 0.27      | 0.00        | 0.73        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C100          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.03        | 0.00          |
| C101          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.95        | 0.05        | 0.00       | 0.00         | 0.94        | 0.00          |
| C103          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C129          | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C130          | 1.00                          | 0.00                                       | 0.16      | 0.00        | 0.84        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C131          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.95        | 0.01        | 0.00       | 0.04         | 0.39        | 0.00          |
| C132_1        | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| C132_2        | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.01        | 0.00          |
| C133          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.60        | 0.00          |
| C134          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C135          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C136          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C137          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.30        | 0.00          |
| C1450_1       | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.86        | 0.00          |
| C20           | 1.00                          | 0.00                                       | 0.31      | 0.00        | 0.69        | 0.00        | 0.00       | 0.00         | 0.96        | 0.00          |
| C25_3         | 1.00                          | 0.00                                       | 1.00      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C26_1         | 1.00                          | 0.23                                       | 0.77      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C26_2         | 1.00                          | 0.06                                       | 0.17      | 0.00        | 0.77        | 0.00        | 0.00       | 0.00         | 0.86        | 0.00          |
| C26_5         | 1.00                          | 0.13                                       | 0.15      | 0.00        | 0.73        | 0.00        | 0.00       | 0.00         | 0.07        | 0.00          |
| C30           | 1.00                          | 1.00                                       | 0.00      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C30_3         | 1.00                          | 0.06                                       | 0.94      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C36           | 1.00                          | 0.00                                       | 0.07      | 0.00        | 0.93        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C45           | 1.00                          | 0.00                                       | 0.23      | 0.00        | 0.77        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| C46_1         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.67        | 0.00          |
| C46_2         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C47           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| C50           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C57           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C60           | 1.00                          | 0.01                                       | 0.00      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.92        | 0.00          |
| C70           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.60        | 0.40        | 0.00       | 0.00         | 0.00        | 0.00          |
| C72           | 1.00                          | 0.12                                       | 0.21      | 0.00        | 0.67        | 0.00        | 0.00       | 0.00         | 0.67        | 0.00          |
| C75           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| C80           | 1.00                          | 0.01                                       | 0.12      | 0.00        | 0.87        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| C81           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.07        | 0.00          |
| C86           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| C87           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| C89           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.08        | 0.92        | 0.00       | 0.00         | 0.00        | 0.00          |
| C91           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C93           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.93        | 0.00          |
| C95           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.06        | 0.00          |
| C96           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.98        | 0.02        | 0.00       | 0.00         | 0.96        | 0.00          |
| C99           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.97        | 0.03        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC01         | 1.00                          | 0.01                                       | 0.10      | 0.00        | 0.89        | 0.00        | 0.00       | 0.00         | 0.89        | 0.00          |
| DDC02         | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.24        | 0.00          |
| DDC03         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.54        | 0.00          |
| DDC04         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.96        | 0.00          |
| DDC05         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC06         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.96        | 0.00          |
| DDC07         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC08         | 1.00                          | 0.00                                       | 0.02      | 0.00        | 0.98        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| DDC09         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC10         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.88        | 0.00          |
| DDC11         | 1.00                          | 0.00                                       | 0.03      | 0.00        | 0.97        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| DDC12         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.49        | 0.00          |
| DDC13         | 1.00                          | 0.03                                       | 0.00      | 0.00        | 0.00        | 0.00        | 0.00       | 0.97         | 0.00        | 0.00          |
| MDC01         | 1.00                          | 0.00                                       | 0.07      | 0.00        | 0.93        | 0.00        | 0.00       | 0.00         | 0.87        | 0.00          |
| MDC02         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| MDC03_HDPE600 | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.45        | 0.55        | 0.00       | 0.00         | 0.00        | 0.51          |
| MDC04         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| MDC05_HDPE900 | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.63        | 0.37        | 0.00       | 0.00         | 0.00        | 0.85          |
| NDC01         | 1.00                          | 0.01                                       | 0.25      | 0.00        | 0.69        | 0.00        | 0.00       | 0.06         | 0.76        | 0.00          |
| NDC02         | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| NDC03         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| NDC04         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.02        | 0.00          |
| NDC05         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.94        | 0.00          |
| NDC06         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| NDC07         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.57        | 0.00          |
| NDC08         | 1.00                          | 0.00                                       | 0.08      | 0.00        | 0.92        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| NDC09_HDPE600 | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.48        | 0.52        | 0.00       | 0.00         | 0.00        | 0.02          |
| NDC10         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |

|               |      |      |      |      |      |      |      |      |      |      |
|---------------|------|------|------|------|------|------|------|------|------|------|
| OFA_CC700     | 1.00 | 0.00 | 0.00 | 0.00 | 0.67 | 0.33 | 0.00 | 0.00 | 0.00 | 0.34 |
| OFB_CC700     | 1.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.03 | 0.00 | 0.00 | 0.00 | 0.85 |
| OFC_CC600     | 1.00 | 0.03 | 0.00 | 0.00 | 0.96 | 0.01 | 0.00 | 0.00 | 0.00 | 0.59 |
| PD_IS_HDPE300 | 1.00 | 0.00 | 0.03 | 0.00 | 0.91 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 |
| PDDC01        | 1.00 | 0.06 | 0.00 | 0.00 | 0.94 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 |
| PDDC02        | 1.00 | 0.06 | 0.00 | 0.00 | 0.94 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| PDDC03        | 1.00 | 0.00 | 0.06 | 0.00 | 0.94 | 0.00 | 0.00 | 0.00 | 0.86 | 0.00 |
| PDDC04        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.00 |
| PDDC05        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00 |
| PDDC06        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.00 |
| PDDC07        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| PDDC08        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 |
| PDDC09        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PDDC10        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00 |
| PUB_rd_DC01   | 1.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PUB_rd_DC02   | 1.00 | 0.00 | 0.02 | 0.00 | 0.98 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00 |
| PUB_rd_DC03   | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00 |
| PUB_rd_DC04   | 1.00 | 0.00 | 0.00 | 0.00 | 0.98 | 0.02 | 0.00 | 0.00 | 0.85 | 0.00 |
| PUB_rd_DC05   | 1.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PUB_rd_DC06   | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PUB_rd_DC07   | 1.00 | 0.00 | 0.22 | 0.00 | 0.78 | 0.00 | 0.00 | 0.00 | 0.35 | 0.00 |
| PUB_rd_DC08   | 1.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SDC01         | 1.00 | 0.01 | 0.14 | 0.00 | 0.85 | 0.00 | 0.00 | 0.00 | 0.89 | 0.00 |
| SDC02         | 1.00 | 0.01 | 0.00 | 0.00 | 0.99 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| SDC03         | 1.00 | 0.00 | 0.10 | 0.00 | 0.90 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 |
| SMC14         | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.93 | 0.00 |
| U012001       | 1.00 | 0.00 | 0.22 | 0.00 | 0.78 | 0.00 | 0.00 | 0.00 | 0.97 | 0.00 |
| U013002       | 1.00 | 0.11 | 0.00 | 0.00 | 0.89 | 0.00 | 0.00 | 0.00 | 0.29 | 0.00 |
| U013003       | 1.00 | 0.07 | 0.00 | 0.00 | 0.89 | 0.04 | 0.00 | 0.00 | 0.21 | 0.00 |
| U013004       | 1.00 | 0.01 | 0.00 | 0.00 | 0.97 | 0.02 | 0.00 | 0.00 | 0.86 | 0.00 |
| U013006_2     | 1.00 | 0.00 | 0.00 | 0.00 | 0.89 | 0.11 | 0.00 | 0.00 | 0.89 | 0.00 |
| U013007       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 |
| U013008       | 1.00 | 0.00 | 0.00 | 0.00 | 0.67 | 0.33 | 0.00 | 0.00 | 0.45 | 0.00 |
| U013015       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 |
| U013019       | 1.00 | 0.00 | 0.13 | 0.00 | 0.87 | 0.00 | 0.00 | 0.00 | 0.87 | 0.00 |
| U013020       | 1.00 | 0.04 | 0.00 | 0.00 | 0.44 | 0.51 | 0.00 | 0.00 | 0.00 | 0.00 |
| U013021       | 1.00 | 0.04 | 0.06 | 0.00 | 0.89 | 0.00 | 0.00 | 0.00 | 0.86 | 0.00 |
| U013022       | 1.00 | 0.09 | 0.00 | 0.00 | 0.54 | 0.37 | 0.00 | 0.00 | 0.01 | 0.00 |
| U013023       | 1.00 | 0.02 | 0.00 | 0.00 | 0.98 | 0.00 | 0.00 | 0.00 | 0.79 | 0.00 |
| U013024       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.00 |
| U013025       | 1.00 | 0.00 | 0.07 | 0.00 | 0.90 | 0.03 | 0.00 | 0.00 | 0.43 | 0.00 |
| U013026       | 1.00 | 0.00 | 0.00 | 0.00 | 0.90 | 0.10 | 0.00 | 0.00 | 0.76 | 0.00 |
| U013032       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 |
| U013033       | 1.00 | 0.00 | 0.00 | 0.00 | 0.81 | 0.19 | 0.00 | 0.00 | 0.71 | 0.00 |
| U013034       | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.38 | 0.00 |
| U013038       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 |
| U013044       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| U013045       | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 |
| U014001       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.31 | 0.00 |
| U015002       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.90 | 0.00 |
| U016001       | 1.00 | 0.00 | 0.02 | 0.00 | 0.97 | 0.00 | 0.00 | 0.00 | 0.82 | 0.00 |
| U016002       | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.62 | 0.00 |

\*\*\*\*\*  
Conduit Surcharge Summary  
\*\*\*\*\*

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

Analysis begun on: Thu Jan 22 13:42:45 2026  
Analysis ended on: Thu Jan 22 13:42:50 2026  
Total elapsed time: 00:00:05



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

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Element Count

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

\*\*\*\*\*

Raingage Summary

\*\*\*\*\*

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

\*\*\*\*\*

Subcatchment Summary

\*\*\*\*\*

| Name      | Area | Width  | %Imperv | %Slope  | Rain Gage  | Outlet  |
|-----------|------|--------|---------|---------|------------|---------|
| G009005_1 | 2.74 | 112.89 | 7.00    | 7.6470  | Chicago_4h | J30     |
| G009005_2 | 1.57 | 209.97 | 7.00    | 3.6030  | Chicago_4h | DDJ03   |
| G012001   | 3.05 | 152.73 | 7.00    | 6.8600  | Chicago_4h | T012001 |
| G013006   | 0.95 | 73.90  | 7.00    | 6.1650  | Chicago_4h | T013006 |
| G013007   | 2.35 | 142.04 | 7.00    | 7.6700  | Chicago_4h | T013007 |
| G013012   | 1.45 | 146.91 | 7.00    | 6.9010  | Chicago_4h | T013012 |
| G013016_1 | 1.98 | 107.13 | 7.00    | 8.0160  | Chicago_4h | T013016 |
| G013016_2 | 1.52 | 158.50 | 7.00    | 5.9960  | Chicago_4h | T013016 |
| G013024   | 2.21 | 201.26 | 7.00    | 7.5560  | Chicago_4h | T013024 |
| G013031   | 2.38 | 208.79 | 7.00    | 8.2850  | Chicago_4h | T013031 |
| G013032   | 1.68 | 172.87 | 7.00    | 9.8170  | Chicago_4h | T013032 |
| G013033   | 2.85 | 228.75 | 7.00    | 8.4690  | Chicago_4h | T013033 |
| G013037   | 2.18 | 256.38 | 7.00    | 9.5500  | Chicago_4h | T013037 |
| G013042   | 1.40 | 109.31 | 7.00    | 9.0870  | Chicago_4h | T013042 |
| G013043   | 2.05 | 276.27 | 7.00    | 10.5660 | Chicago_4h | T013044 |
| G013045   | 1.86 | 185.18 | 7.00    | 8.5760  | Chicago_4h | T013045 |
| G014001   | 3.34 | 162.46 | 7.00    | 8.9080  | Chicago_4h | T014001 |
| G015001_1 | 1.28 | 124.61 | 7.00    | 7.3730  | Chicago_4h | T015001 |
| G015001_2 | 1.25 | 75.83  | 7.00    | 4.9920  | Chicago_4h | T015001 |
| G015003_1 | 1.59 | 125.65 | 7.00    | 8.3540  | Chicago_4h | T015003 |
| G015003_2 | 1.22 | 145.02 | 7.00    | 8.5290  | Chicago_4h | T015003 |
| G016003_1 | 1.02 | 83.26  | 7.00    | 9.0730  | Chicago_4h | T016003 |
| G016003_2 | 1.65 | 89.45  | 7.00    | 9.2440  | Chicago_4h | T016003 |
| S1        | 0.42 | 140.90 | 7.00    | 2.0000  | Chicago_4h | DDJ06   |
| S1_1      | 0.15 | 44.75  | 7.00    | 2.0000  | Chicago_4h | PDDJ09  |
| S1_10     | 0.08 | 30.92  | 7.00    | 2.0000  | Chicago_4h | PDDJ08  |
| S1_2      | 0.21 | 62.76  | 7.00    | 8.4310  | Chicago_4h | PDDJ10  |
| S1_3      | 0.73 | 78.61  | 7.00    | 2.2500  | Chicago_4h | J68     |
| S1_4      | 0.47 | 54.00  | 7.00    | 2.0000  | Chicago_4h | J67     |
| S1_5      | 0.32 | 62.94  | 7.00    | 2.5000  | Chicago_4h | J69     |
| S1_6      | 0.25 | 23.15  | 7.00    | 11.0340 | Chicago_4h | J65     |
| S1_7      | 0.44 | 70.98  | 7.00    | 2.5000  | Chicago_4h | 25025   |
| S1_8      | 0.23 | 25.99  | 7.00    | 2.0000  | Chicago_4h | J66     |
| S10       | 0.83 | 166.64 | 7.00    | 8.5600  | Chicago_4h | J274    |
| S101_2    | 1.02 | 114.99 | 7.00    | 5.3410  | Chicago_4h | DDJ04   |
| S102      | 0.87 | 76.43  | 7.00    | 9.2800  | Chicago_4h | DDJ05   |
| S11       | 1.12 | 99.21  | 7.00    | 5.6280  | Chicago_4h | J8      |
| S112      | 0.51 | 72.89  | 7.00    | 7.1560  | Chicago_4h | J253    |
| S113      | 0.62 | 92.70  | 7.00    | 6.1840  | Chicago_4h | J253    |
| S115_2    | 0.01 | 0.90   | 80.00   | 9.1880  | Chicago_4h | J30     |
| S130      | 0.62 | 87.35  | 7.00    | 10.8400 | Chicago_4h | J160    |
| S132      | 1.19 | 88.41  | 7.00    | 9.3970  | Chicago_4h | J152    |
| S137      | 2.16 | 101.18 | 7.00    | 9.3820  | Chicago_4h | J160    |
| S15_4     | 0.19 | 62.33  | 7.00    | 6.7670  | Chicago_4h | DDJ14   |
| S16       | 0.61 | 65.66  | 7.00    | 11.2500 | Chicago_4h | J14     |
| S18       | 0.54 | 86.45  | 7.00    | 8.2240  | Chicago_4h | J17     |
| S19       | 0.58 | 83.01  | 7.00    | 9.3820  | Chicago_4h | J17     |
| S2        | 0.42 | 139.80 | 7.00    | 2.0000  | Chicago_4h | DDJ04   |
| S2_13     | 0.02 | 53.25  | 80.00   | 2.0000  | Chicago_4h | S2_16   |
| S2_14     | 0.03 | 67.50  | 80.00   | 2.0000  | Chicago_4h | S2_16   |
| S2_15     | 0.21 | 37.14  | 7.00    | 1.0000  | Chicago_4h | J62     |
| S2_16     | 0.56 | 59.43  | 7.00    | 8.9160  | Chicago_4h | J71     |
| S2_18     | 0.15 | 61.44  | 7.00    | 12.0000 | Chicago_4h | PDDJ06  |
| S2_19     | 0.07 | 60.26  | 7.00    | 5.5370  | Chicago_4h | PDDJ04  |
| S2_20     | 0.17 | 94.07  | 7.00    | 5.0310  | Chicago_4h | PDDJ05  |
| S2_22     | 0.07 | 5.51   | 7.00    | 3.1210  | Chicago_4h | J26     |
| S2_23     | 0.32 | 56.49  | 7.00    | 3.6000  | Chicago_4h | J34     |
| S2_24     | 0.04 | 2.68   | 7.00    | 3.2280  | Chicago_4h | J60     |
| S2_25     | 0.04 | 2.76   | 7.00    | 6.8230  | Chicago_4h | J59     |
| S2_26     | 0.03 | 2.02   | 7.00    | 2.5570  | Chicago_4h | J61     |
| S2_30     | 0.03 | 74.75  | 80.00   | 2.0000  | Chicago_4h | S2_16   |
| S2_31     | 0.02 | 43.50  | 80.00   | 2.0000  | Chicago_4h | S2_16   |
| S2_32     | 0.03 | 62.75  | 80.00   | 2.0000  | Chicago_4h | J46     |
| S2_34     | 0.02 | 58.00  | 80.00   | 2.0000  | Chicago_4h | J60     |
| S2_35     | 0.02 | 61.00  | 80.00   | 2.0000  | Chicago_4h | J58     |

|        |      |        |        |         |            |        |
|--------|------|--------|--------|---------|------------|--------|
| S2_36  | 0.04 | 101.75 | 80.00  | 10.8580 | Chicago_4h | J68    |
| S2_37  | 0.02 | 57.50  | 80.00  | 2.0000  | Chicago_4h | 25025  |
| S2_38  | 0.03 | 73.75  | 80.00  | 2.0000  | Chicago_4h | J69    |
| S2_39  | 0.03 | 86.50  | 80.00  | 2.0000  | Chicago_4h | J67    |
| S2_4   | 0.02 | 1.80   | 80.00  | 2.0000  | Chicago_4h | J58    |
| S2_40  | 0.02 | 46.50  | 80.00  | 2.0000  | Chicago_4h | J59    |
| S2_41  | 0.02 | 39.25  | 80.00  | 2.0000  | Chicago_4h | J61    |
| S20_1  | 0.60 | 53.34  | 100.00 | 4.7900  | Chicago_4h | J56    |
| S20_10 | 0.59 | 52.76  | 100.00 | 4.7900  | Chicago_4h | J47    |
| S20_11 | 0.72 | 64.74  | 100.00 | 4.7900  | Chicago_4h | J51    |
| S20_12 | 0.04 | 3.32   | 80.00  | 2.0000  | Chicago_4h | J63    |
| S20_13 | 0.79 | 70.89  | 100.00 | 4.7900  | Chicago_4h | J94    |
| S20_2  | 0.12 | 11.11  | 80.00  | 4.7900  | Chicago_4h | J50    |
| S20_3  | 1.02 | 90.71  | 100.00 | 4.7900  | Chicago_4h | SU1    |
| S20_6  | 0.11 | 9.56   | 80.00  | 4.7900  | Chicago_4h | J54    |
| S20_7  | 0.15 | 13.75  | 100.00 | 4.7900  | Chicago_4h | J39    |
| S20_8  | 0.77 | 68.93  | 100.00 | 4.7900  | Chicago_4h | J55    |
| S20_9  | 0.61 | 54.20  | 100.00 | 4.7900  | Chicago_4h | J48    |
| S22_4  | 0.03 | 6.99   | 80.00  | 4.0500  | Chicago_4h | J88    |
| S22_5  | 0.05 | 9.73   | 80.00  | 4.0500  | Chicago_4h | J29    |
| S23    | 2.50 | 130.11 | 7.00   | 6.3060  | Chicago_4h | J43    |
| S25    | 1.22 | 88.61  | 7.00   | 7.0290  | Chicago_4h | J33    |
| S29    | 0.54 | 76.64  | 7.00   | 6.0420  | Chicago_4h | J43    |
| S3     | 1.32 | 84.06  | 7.00   | 4.7850  | Chicago_4h | OF-EX  |
| S33    | 1.35 | 98.82  | 7.00   | 6.6690  | Chicago_4h | J35    |
| S34    | 1.52 | 145.82 | 7.00   | 10.8830 | Chicago_4h | 16130  |
| S36    | 1.40 | 164.77 | 7.00   | 7.1970  | Chicago_4h | J33    |
| S37_2  | 1.28 | 119.80 | 7.00   | 6.5590  | Chicago_4h | 16017  |
| S4     | 0.14 | 22.22  | 7.00   | 6.8700  | Chicago_4h | OF-EX  |
| S44_3  | 0.66 | 108.33 | 7.00   | 5.0580  | Chicago_4h | DDJ14  |
| S45    | 0.45 | 124.15 | 7.00   | 7.1480  | Chicago_4h | J276   |
| S48_1  | 1.26 | 126.59 | 7.00   | 5.5230  | Chicago_4h | J53    |
| S5     | 2.67 | 266.72 | 7.00   | 11.3200 | Chicago_4h | J5     |
| S51    | 1.46 | 121.71 | 7.00   | 4.9010  | Chicago_4h | J64    |
| S54    | 0.63 | 155.42 | 7.00   | 3.5050  | Chicago_4h | J64    |
| S56_1  | 0.29 | 114.84 | 7.00   | 10.3720 | Chicago_4h | PDDJ07 |
| S6     | 0.80 | 79.72  | 7.00   | 11.8730 | Chicago_4h | S3     |
| S61    | 0.78 | 60.77  | 7.00   | 3.6030  | Chicago_4h | J80    |
| S63_2  | 0.33 | 109.50 | 7.00   | 2.0000  | Chicago_4h | DDJ07  |
| S63_3  | 0.39 | 128.43 | 7.00   | 4.7660  | Chicago_4h | DDJ07  |
| S65    | 0.93 | 56.61  | 7.00   | 3.5920  | Chicago_4h | J92    |
| S69    | 1.27 | 82.51  | 7.00   | 5.3450  | Chicago_4h | J101   |
| S7     | 0.49 | 48.42  | 80.00  | 4.8080  | Chicago_4h | J52    |
| S76_3  | 0.78 | 112.40 | 7.00   | 5.1360  | Chicago_4h | J259   |
| S77    | 0.50 | 64.02  | 7.00   | 5.3700  | Chicago_4h | J259   |
| S8     | 0.32 | 29.77  | 80.00  | 4.7290  | Chicago_4h | J49    |
| S80_3  | 0.03 | 4.55   | 80.00  | 2.0000  | Chicago_4h | J34    |
| S88_2  | 1.01 | 77.93  | 7.00   | 8.2360  | Chicago_4h | J3     |
| S88_3  | 0.06 | 5.56   | 80.00  | 7.4640  | Chicago_4h | J32    |
| S9_1   | 0.36 | 120.00 | 7.00   | 7.4830  | Chicago_4h | DDJ14  |
| S9_10  | 0.03 | 74.00  | 80.00  | 2.0000  | Chicago_4h | S9_4   |
| S9_2   | 0.20 | 65.77  | 7.00   | 2.0000  | Chicago_4h | DDJ12  |
| S9_3   | 0.25 | 83.30  | 7.00   | 2.0000  | Chicago_4h | DDJ09  |
| S9_4   | 0.15 | 51.47  | 7.00   | 12.1330 | Chicago_4h | PDDJ08 |
| S9_5   | 0.28 | 54.53  | 7.00   | 10.0000 | Chicago_4h | PDDJ07 |
| S9_6   | 0.25 | 20.08  | 7.00   | 8.9110  | Chicago_4h | 25010  |
| S9_7   | 0.14 | 45.27  | 7.00   | 0.2500  | Chicago_4h | PDDJ09 |
| S9_8   | 0.03 | 78.00  | 80.00  | 2.0000  | Chicago_4h | S9_7   |
| S9_9   | 0.04 | 91.25  | 80.00  | 2.0000  | Chicago_4h | S9_6   |
| S90    | 0.53 | 59.02  | 7.00   | 4.3430  | Chicago_4h | J117   |
| S91_1  | 0.05 | 5.23   | 80.00  | 5.3300  | Chicago_4h | J31    |
| S91_2  | 0.24 | 56.73  | 7.00   | 10.1680 | Chicago_4h | J31    |
| S92    | 0.67 | 57.07  | 7.00   | 10.2410 | Chicago_4h | J117   |

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Node Summary  
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| Name  | Type     | Invert<br>Elev. | Max.<br>Depth | Ponded<br>Area | External<br>Inflow |
|-------|----------|-----------------|---------------|----------------|--------------------|
| 16017 | JUNCTION | 93.42           | 2.50          | 0.0            |                    |
| 16094 | JUNCTION | 92.18           | 1.82          | 0.0            |                    |
| 16130 | JUNCTION | 93.42           | 2.00          | 0.0            |                    |
| 25010 | JUNCTION | 94.40           | 3.00          | 0.0            |                    |
| 25025 | JUNCTION | 94.64           | 3.00          | 0.0            |                    |
| 26419 | JUNCTION | 94.00           | 1.22          | 0.0            |                    |
| 26456 | JUNCTION | 94.23           | 0.96          | 0.0            |                    |
| 26578 | JUNCTION | 95.36           | 3.00          | 0.0            |                    |
| DDJ01 | JUNCTION | 100.38          | 3.00          | 0.0            |                    |
| DDJ02 | JUNCTION | 100.03          | 0.94          | 0.0            |                    |
| DDJ03 | JUNCTION | 99.92           | 1.34          | 0.0            |                    |
| DDJ04 | JUNCTION | 99.69           | 1.35          | 0.0            |                    |
| DDJ05 | JUNCTION | 99.38           | 1.63          | 0.0            |                    |
| DDJ06 | JUNCTION | 99.22           | 1.78          | 0.0            |                    |
| DDJ07 | JUNCTION | 98.38           | 1.36          | 0.0            |                    |
| DDJ08 | JUNCTION | 98.02           | 1.41          | 0.0            |                    |
| DDJ09 | JUNCTION | 97.85           | 1.13          | 0.0            |                    |
| DDJ10 | JUNCTION | 97.69           | 1.08          | 0.0            |                    |
| DDJ11 | JUNCTION | 97.46           | 1.01          | 0.0            |                    |
| DDJ12 | JUNCTION | 97.28           | 0.94          | 0.0            |                    |
| DDJ13 | JUNCTION | 97.04           | 0.83          | 0.0            |                    |
| DDJ14 | JUNCTION | 96.27           | 2.31          | 0.0            |                    |
| J101  | JUNCTION | 99.06           | 1.00          | 0.0            |                    |
| J117  | JUNCTION | 100.45          | 1.00          | 0.0            |                    |
| J14   | JUNCTION | 92.06           | 1.50          | 0.0            |                    |
| J152  | JUNCTION | 102.59          | 1.00          | 0.0            |                    |
| J160  | JUNCTION | 103.54          | 1.00          | 0.0            |                    |
| J17   | JUNCTION | 92.73           | 1.50          | 0.0            |                    |
| J2    | JUNCTION | 93.50           | 1.25          | 0.0            |                    |
| J24   | JUNCTION | 96.89           | 0.30          | 0.0            |                    |
| J253  | JUNCTION | 102.19          | 1.00          | 0.0            |                    |
| J259  | JUNCTION | 99.32           | 1.00          | 0.0            |                    |

|         |          |        |      |     |
|---------|----------|--------|------|-----|
| J26     | JUNCTION | 97.92  | 0.56 | 0.0 |
| J274    | JUNCTION | 91.38  | 1.00 | 0.0 |
| J276    | JUNCTION | 96.26  | 1.00 | 0.0 |
| J28     | JUNCTION | 100.32 | 0.69 | 0.0 |
| J29     | JUNCTION | 101.05 | 0.61 | 0.0 |
| J3      | JUNCTION | 102.30 | 0.44 | 0.0 |
| J30     | JUNCTION | 101.31 | 0.76 | 0.0 |
| J31     | JUNCTION | 101.81 | 0.74 | 0.0 |
| J32     | JUNCTION | 102.07 | 0.57 | 0.0 |
| J33     | JUNCTION | 94.89  | 1.00 | 0.0 |
| J34     | JUNCTION | 102.50 | 3.00 | 0.0 |
| J35     | JUNCTION | 94.77  | 1.00 | 0.0 |
| J36     | JUNCTION | 94.52  | 1.43 | 0.0 |
| J38     | JUNCTION | 96.70  | 1.90 | 0.0 |
| J39     | JUNCTION | 97.52  | 1.25 | 0.0 |
| J43     | JUNCTION | 94.81  | 1.00 | 0.0 |
| J46     | JUNCTION | 98.24  | 0.83 | 0.0 |
| J47     | JUNCTION | 97.20  | 1.26 | 0.0 |
| J48     | JUNCTION | 98.28  | 0.82 | 0.0 |
| J49     | JUNCTION | 101.00 | 1.00 | 0.0 |
| J5      | JUNCTION | 91.80  | 3.00 | 0.0 |
| J50     | JUNCTION | 98.83  | 1.17 | 0.0 |
| J51     | JUNCTION | 98.30  | 1.57 | 0.0 |
| J52     | JUNCTION | 100.00 | 1.00 | 0.0 |
| J53     | JUNCTION | 97.11  | 0.42 | 0.0 |
| J54     | JUNCTION | 99.09  | 1.26 | 0.0 |
| J55     | JUNCTION | 98.63  | 1.37 | 0.0 |
| J56     | JUNCTION | 97.60  | 0.94 | 0.0 |
| J58     | JUNCTION | 99.58  | 1.21 | 0.0 |
| J59     | JUNCTION | 99.10  | 1.11 | 0.0 |
| J60     | JUNCTION | 98.51  | 0.81 | 0.0 |
| J61     | JUNCTION | 98.31  | 0.78 | 0.0 |
| J62     | JUNCTION | 102.00 | 1.38 | 0.0 |
| J63     | JUNCTION | 99.60  | 3.85 | 0.0 |
| J64     | JUNCTION | 97.50  | 1.00 | 0.0 |
| J65     | JUNCTION | 99.15  | 1.13 | 0.0 |
| J66     | JUNCTION | 98.40  | 1.10 | 0.0 |
| J67     | JUNCTION | 96.00  | 2.00 | 0.0 |
| J68     | JUNCTION | 94.86  | 2.14 | 0.0 |
| J69     | JUNCTION | 94.64  | 2.36 | 0.0 |
| J70     | JUNCTION | 99.46  | 1.16 | 0.0 |
| J71     | JUNCTION | 98.00  | 0.47 | 0.0 |
| J72     | JUNCTION | 97.56  | 1.40 | 0.0 |
| J73     | JUNCTION | 99.79  | 1.00 | 0.0 |
| J8      | JUNCTION | 90.51  | 1.00 | 0.0 |
| J80     | JUNCTION | 98.08  | 1.00 | 0.0 |
| J87     | JUNCTION | 99.98  | 1.07 | 0.0 |
| J88     | JUNCTION | 101.60 | 0.85 | 0.0 |
| J89     | JUNCTION | 97.65  | 0.85 | 0.0 |
| J9      | JUNCTION | 97.63  | 1.37 | 0.0 |
| J90     | JUNCTION | 102.50 | 0.30 | 0.0 |
| J92     | JUNCTION | 98.28  | 1.00 | 0.0 |
| J93     | JUNCTION | 99.20  | 1.97 | 0.0 |
| J94     | JUNCTION | 97.82  | 0.66 | 0.0 |
| PDDJ01  | JUNCTION | 96.67  | 0.49 | 0.0 |
| PDDJ02  | JUNCTION | 96.64  | 0.69 | 0.0 |
| PDDJ03  | JUNCTION | 96.61  | 0.99 | 0.0 |
| PDDJ04  | JUNCTION | 96.52  | 1.84 | 0.0 |
| PDDJ05  | JUNCTION | 96.30  | 2.90 | 0.0 |
| PDDJ06  | JUNCTION | 96.18  | 2.87 | 0.0 |
| PDDJ07  | JUNCTION | 96.05  | 0.68 | 0.0 |
| PDDJ08  | JUNCTION | 95.50  | 0.87 | 0.0 |
| PDDJ09  | JUNCTION | 95.29  | 1.05 | 0.0 |
| PDDJ10  | JUNCTION | 95.15  | 1.22 | 0.0 |
| PDDJ11  | JUNCTION | 94.30  | 0.97 | 0.0 |
| T009007 | JUNCTION | 100.64 | 0.00 | 0.0 |
| T012001 | JUNCTION | 101.00 | 0.81 | 0.0 |
| T013002 | JUNCTION | 100.64 | 2.11 | 0.0 |
| T013003 | JUNCTION | 100.81 | 1.83 | 0.0 |
| T013006 | JUNCTION | 101.35 | 1.62 | 0.0 |
| T013007 | JUNCTION | 101.66 | 1.78 | 0.0 |
| T013012 | JUNCTION | 103.47 | 1.78 | 0.0 |
| T013016 | JUNCTION | 103.45 | 1.78 | 0.0 |
| T013019 | JUNCTION | 104.45 | 2.28 | 0.0 |
| T013020 | JUNCTION | 104.78 | 2.80 | 0.0 |
| T013021 | JUNCTION | 105.12 | 2.80 | 0.0 |
| T013022 | JUNCTION | 105.45 | 1.81 | 0.0 |
| T013023 | JUNCTION | 105.79 | 0.97 | 0.0 |
| T013024 | JUNCTION | 106.12 | 1.96 | 0.0 |
| T013025 | JUNCTION | 106.29 | 1.96 | 0.0 |
| T013031 | JUNCTION | 107.32 | 1.76 | 0.0 |
| T013032 | JUNCTION | 107.71 | 1.76 | 0.0 |
| T013033 | JUNCTION | 108.26 | 1.76 | 0.0 |
| T013037 | JUNCTION | 108.54 | 1.76 | 0.0 |
| T013042 | JUNCTION | 108.52 | 1.76 | 0.0 |
| T013044 | JUNCTION | 108.53 | 1.69 | 0.0 |
| T013045 | JUNCTION | 108.54 | 1.69 | 0.0 |
| T014001 | JUNCTION | 103.48 | 1.78 | 0.0 |
| T015001 | JUNCTION | 104.54 | 1.35 | 0.0 |
| T015003 | JUNCTION | 106.14 | 1.35 | 0.0 |
| T016001 | JUNCTION | 108.62 | 1.76 | 0.0 |
| T016003 | JUNCTION | 108.77 | 1.55 | 0.0 |
| T043003 | JUNCTION | 101.17 | 1.83 | 0.0 |
| OF-A    | OUTFALL  | 91.50  | 0.70 | 0.0 |
| OF-B    | OUTFALL  | 93.30  | 0.70 | 0.0 |
| OF-C    | OUTFALL  | 94.15  | 0.60 | 0.0 |
| OF-EX   | OUTFALL  | 89.62  | 0.36 | 0.0 |
| SU1     | STORAGE  | 95.50  | 3.00 | 0.0 |

| Name          | From Node | To Node | Type    | Length | %Slope  | Roughness |
|---------------|-----------|---------|---------|--------|---------|-----------|
| AR02_HDPE450  | J61       | J46     | CONDUIT | 15.0   | 0.4681  | 0.0100    |
| AR1_HDPE600   | 25025     | J36     | CONDUIT | 17.3   | 0.6747  | 0.0120    |
| C10           | J152      | J253    | CONDUIT | 84.4   | 0.4739  | 0.0350    |
| C100          | J14       | J274    | CONDUIT | 51.1   | 1.3304  | 0.0350    |
| C101          | J274      | J8      | CONDUIT | 24.2   | 3.6035  | 0.0350    |
| C103          | J8        | OF-EX   | CONDUIT | 143.4  | 0.6208  | 0.0350    |
| C129          | J60       | J61     | CONDUIT | 36.5   | 0.5557  | 0.0350    |
| C130          | J62       | J63     | CONDUIT | 31.7   | 7.6034  | 0.0680    |
| C131          | J47       | SU1     | CONDUIT | 8.0    | 5.1568  | 0.0350    |
| C132_1        | J63       | J93     | CONDUIT | 25.2   | 1.5869  | 0.0680    |
| C132_2        | J93       | J65     | CONDUIT | 12.9   | 0.3881  | 0.0680    |
| C133          | J65       | J66     | CONDUIT | 33.3   | 2.2498  | 0.0680    |
| C134          | J66       | J67     | CONDUIT | 66.2   | 3.6274  | 0.0680    |
| C135          | J67       | J68     | CONDUIT | 56.6   | 2.0177  | 0.0680    |
| C136          | J68       | J69     | CONDUIT | 54.0   | 0.4059  | 0.0680    |
| C137          | J69       | 25025   | CONDUIT | 34.0   | 0.0088  | 0.0680    |
| C1450_1       | T015001   | T013012 | CONDUIT | 198.3  | 0.5395  | 0.0350    |
| C20           | J53       | DDJ14   | CONDUIT | 89.6   | 0.9375  | 0.0350    |
| C25_3         | J73       | J259    | CONDUIT | 57.6   | 0.8094  | 0.0350    |
| C26_1         | J90       | J3      | CONDUIT | 28.0   | 0.7217  | 0.0680    |
| C26_2         | J3        | J32     | CONDUIT | 31.4   | 0.7197  | 0.0680    |
| C26_5         | J34       | J62     | CONDUIT | 37.1   | 1.3490  | 0.0600    |
| C30           | J38       | J24     | CONDUIT | 6.1    | 22.0074 | 0.0650    |
| C30_3         | J24       | PDDJ02  | CONDUIT | 7.3    | 3.3678  | 0.0650    |
| C36           | J32       | J31     | CONDUIT | 34.6   | 0.7581  | 0.0680    |
| C45           | J160      | J253    | CONDUIT | 132.0  | 1.0225  | 0.0350    |
| C46_1         | J31       | J88     | CONDUIT | 33.7   | 0.6313  | 0.0680    |
| C46_2         | J88       | J30     | CONDUIT | 38.7   | 0.7461  | 0.0680    |
| C47           | J30       | J29     | CONDUIT | 36.1   | 0.7142  | 0.0680    |
| C50           | J29       | J28     | CONDUIT | 78.0   | 0.9316  | 0.0680    |
| C57           | J253      | J117    | CONDUIT | 158.9  | 1.0950  | 0.0350    |
| C60           | J28       | DDJ02   | CONDUIT | 26.0   | 1.1304  | 0.0680    |
| C70           | J117      | J259    | CONDUIT | 111.5  | 1.0136  | 0.0350    |
| C72           | J58       | J59     | CONDUIT | 25.5   | 1.8684  | 0.0350    |
| C75           | J259      | J101    | CONDUIT | 45.7   | 0.5694  | 0.0350    |
| C80           | J59       | J60     | CONDUIT | 28.5   | 2.0776  | 0.0350    |
| C81           | J101      | J92     | CONDUIT | 79.2   | 0.9847  | 0.0350    |
| C86           | J92       | J80     | CONDUIT | 38.0   | 0.5257  | 0.0350    |
| C87           | J80       | J64     | CONDUIT | 60.7   | 0.9559  | 0.0350    |
| C89           | J64       | J276    | CONDUIT | 56.3   | 2.2037  | 0.0350    |
| C91           | J276      | J33     | CONDUIT | 154.1  | 0.8892  | 0.0350    |
| C93           | J33       | J35     | CONDUIT | 44.1   | 0.2719  | 0.0350    |
| C95           | J35       | J43     | CONDUIT | 103.2  | -0.0388 | 0.0350    |
| C96           | J43       | J17     | CONDUIT | 109.8  | 1.8944  | 0.0350    |
| C99           | J17       | J14     | CONDUIT | 56.1   | 1.1939  | 0.0350    |
| DDC01         | DDJ01     | DDJ02   | CONDUIT | 28.0   | 1.2461  | 0.0350    |
| DDC02         | DDJ02     | DDJ03   | CONDUIT | 19.4   | 0.5767  | 0.0350    |
| DDC03         | DDJ03     | DDJ04   | CONDUIT | 61.9   | 0.3717  | 0.0350    |
| DDC04         | DDJ04     | DDJ05   | CONDUIT | 77.9   | 0.3903  | 0.0350    |
| DDC05         | DDJ05     | DDJ06   | CONDUIT | 42.2   | 0.3837  | 0.0350    |
| DDC06         | DDJ06     | DDJ07   | CONDUIT | 127.6  | 0.6625  | 0.0350    |
| DDC07         | DDJ07     | DDJ08   | CONDUIT | 62.8   | 0.5602  | 0.0350    |
| DDC08         | DDJ08     | DDJ09   | CONDUIT | 28.0   | 0.6074  | 0.0350    |
| DDC09         | DDJ09     | DDJ10   | CONDUIT | 30.4   | 0.5425  | 0.0350    |
| DDC10         | DDJ10     | DDJ11   | CONDUIT | 26.8   | 0.8441  | 0.0350    |
| DDC11         | DDJ11     | DDJ12   | CONDUIT | 23.8   | 0.7828  | 0.0350    |
| DDC12         | DDJ12     | DDJ13   | CONDUIT | 24.8   | 0.9636  | 0.0350    |
| DDC13         | DDJ13     | DDJ14   | CONDUIT | 48.9   | 1.2055  | 0.0350    |
| MDC01         | J52       | J70     | CONDUIT | 30.4   | 1.7706  | 0.0450    |
| MDC02         | J70       | J54     | CONDUIT | 21.7   | 1.7065  | 0.0450    |
| MDC03_HDPE600 | J54       | J55     | CONDUIT | 22.2   | 2.0628  | 0.0120    |
| MDC04         | J55       | J51     | CONDUIT | 14.2   | 2.3445  | 0.0450    |
| MDC05_HDPE900 | J51       | J39     | CONDUIT | 50.2   | 1.5543  | 0.0120    |
| NDC01         | J46       | J71     | CONDUIT | 8.4    | 2.8347  | 0.0350    |
| NDC02         | J71       | J26     | CONDUIT | 13.0   | 0.6634  | 0.0350    |
| NDC03         | J26       | J94     | CONDUIT | 18.8   | 0.5118  | 0.0450    |
| NDC04         | J94       | J89     | CONDUIT | 33.2   | 0.5153  | 0.0450    |
| NDC05         | J89       | J56     | CONDUIT | 14.8   | 0.3371  | 0.0450    |
| NDC06         | J56       | J39     | CONDUIT | 34.5   | 0.2319  | 0.0450    |
| NDC07         | J39       | J47     | CONDUIT | 43.9   | 0.7216  | 0.0450    |
| NDC08         | J72       | J47     | CONDUIT | 15.8   | 2.2581  | 0.0450    |
| NDC09_HDPE600 | J9        | J72     | CONDUIT | 15.8   | 0.4239  | 0.0120    |
| NDC10         | J48       | J9      | CONDUIT | 30.4   | 2.1489  | 0.0450    |
| OFA_CC700     | J5        | OF-A    | CONDUIT | 24.5   | 1.2269  | 0.0160    |
| OFB_CC700     | 16130     | OF-B    | CONDUIT | 14.1   | 0.8597  | 0.0160    |
| OF_C_C600     | 26456     | OF-C    | CONDUIT | 18.5   | 0.4320  | 0.0160    |
| PD_IS_HDPE300 | SU1       | J38     | CONDUIT | 10.0   | -8.0358 | 0.0190    |
| PDDC01        | PDDJ01    | PDDJ02  | CONDUIT | 6.2    | 0.4063  | 0.0350    |
| PDDC02        | PDDJ02    | PDDJ03  | CONDUIT | 11.6   | 0.3108  | 0.0350    |
| PDDC03        | PDDJ03    | PDDJ04  | CONDUIT | 23.5   | 0.3739  | 0.0350    |
| PDDC04        | PDDJ04    | PDDJ05  | CONDUIT | 61.2   | 0.3610  | 0.0350    |
| PDDC05        | PDDJ05    | PDDJ06  | CONDUIT | 40.2   | 0.2960  | 0.0350    |
| PDDC06        | PDDJ06    | PDDJ07  | CONDUIT | 54.3   | 0.2411  | 0.0350    |
| PDDC07        | PDDJ07    | PDDJ08  | CONDUIT | 38.4   | 1.4338  | 0.0350    |
| PDDC08        | PDDJ08    | PDDJ09  | CONDUIT | 38.2   | 0.5552  | 0.0350    |
| PDDC09        | PDDJ09    | PDDJ10  | CONDUIT | 25.3   | 0.5379  | 0.0350    |
| PDDC10        | PDDJ10    | PDDJ11  | CONDUIT | 32.9   | 2.5936  | 0.0350    |
| PUB_rd_DC01   | 26578     | 25025   | CONDUIT | 78.4   | 0.9229  | 0.0350    |
| PUB_rd_DC02   | J36       | 25010   | CONDUIT | 21.2   | 0.5671  | 0.0350    |
| PUB_rd_DC03   | 25010     | PDDJ11  | CONDUIT | 20.0   | 0.5005  | 0.0350    |
| PUB_rd_DC04   | PDDJ11    | 26456   | CONDUIT | 24.8   | 0.2823  | 0.0350    |
| PUB_rd_DC05   | 26419     | 16017   | CONDUIT | 46.7   | 1.2295  | 0.0350    |
| PUB_rd_DC06   | 16017     | 16130   | CONDUIT | 71.4   | 0.0056  | 0.0350    |
| PUB_rd_DC07   | J2        | 16130   | CONDUIT | 79.3   | 0.0996  | 0.0350    |
| PUB_rd_DC08   | 16094     | J5      | CONDUIT | 134.3  | 0.2800  | 0.0350    |
| SDC01         | J49       | J87     | CONDUIT | 33.1   | 3.0879  | 0.0450    |
| SDC02         | J87       | J50     | CONDUIT | 46.3   | 2.4850  | 0.0450    |
| SDC03         | J50       | J51     | CONDUIT | 17.9   | 2.9541  | 0.0450    |
| SMC14         | DDJ14     | 16130   | CONDUIT | 259.5  | 1.0978  | 0.0350    |
| U012001       | T012001   | DDJ03   | CONDUIT | 65.5   | 1.6540  | 0.0350    |
| U013002       | T013002   | DDJ01   | CONDUIT | 33.8   | 0.7672  | 0.0350    |

|           |         |         |         |       |         |        |
|-----------|---------|---------|---------|-------|---------|--------|
| U013003   | T013003 | T013002 | CONDUIT | 22.4  | 0.7941  | 0.0350 |
| U013004   | T043003 | T013003 | CONDUIT | 43.7  | 0.8177  | 0.0350 |
| U013006_2 | T013006 | T043003 | CONDUIT | 5.7   | 3.1238  | 0.0350 |
| U013007   | T013007 | T013006 | CONDUIT | 36.6  | 0.8478  | 0.0350 |
| U013008   | T013012 | T013007 | CONDUIT | 125.0 | 1.4481  | 0.0350 |
| U013015   | T013016 | T013012 | CONDUIT | 57.1  | -0.0350 | 0.0350 |
| U013019   | T013019 | T013016 | CONDUIT | 28.3  | 3.5419  | 0.0350 |
| U013020   | T013020 | T013019 | CONDUIT | 23.0  | 1.4552  | 0.0350 |
| U013021   | T013021 | T013020 | CONDUIT | 23.2  | 1.4391  | 0.0350 |
| U013022   | T013022 | T013021 | CONDUIT | 53.4  | 0.6253  | 0.0350 |
| U013023   | T013023 | T013022 | CONDUIT | 42.9  | 0.7765  | 0.0350 |
| U013024   | T013024 | T013023 | CONDUIT | 28.5  | 1.1722  | 0.0350 |
| U013025   | T013025 | T013024 | CONDUIT | 94.1  | 0.1817  | 0.0350 |
| U013026   | T013031 | T013025 | CONDUIT | 95.9  | 1.0726  | 0.0350 |
| U013032   | T013032 | T013031 | CONDUIT | 140.8 | 0.2771  | 0.0350 |
| U013033   | T013033 | T013032 | CONDUIT | 117.1 | 0.4695  | 0.0350 |
| U013034   | T013037 | T013033 | CONDUIT | 154.0 | 0.1818  | 0.0350 |
| U013038   | T013042 | T013037 | CONDUIT | 63.3  | -0.0316 | 0.0350 |
| U013044   | T013044 | T013042 | CONDUIT | 91.4  | 0.0109  | 0.0350 |
| U013045   | T013045 | T013044 | CONDUIT | 49.4  | 0.0202  | 0.0350 |
| U014001   | T014001 | T013012 | CONDUIT | 20.8  | 0.0482  | 0.0350 |
| U015002   | T015003 | T015001 | CONDUIT | 278.1 | 0.5752  | 0.0350 |
| U016001   | T016001 | T013037 | CONDUIT | 114.9 | 0.0670  | 0.0350 |
| U016002   | T016003 | T016001 | CONDUIT | 52.3  | 0.2928  | 0.0350 |
| OR1       | J38     | PDDJ01  | ORIFICE |       |         |        |

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Cross Section Summary  
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| Conduit       | Shape       | Full<br>Depth | Full<br>Area | Hyd.<br>Rad. | Max.<br>Width | No. of<br>Barrels | Full<br>Flow |
|---------------|-------------|---------------|--------------|--------------|---------------|-------------------|--------------|
| AR02_HDPE450  | CIRCULAR    | 0.45          | 0.16         | 0.11         | 0.45          | 1                 | 0.25         |
| AR1_HDPE600   | CIRCULAR    | 0.60          | 0.28         | 0.15         | 0.60          | 1                 | 0.55         |
| C10           | TRAPEZOIDAL | 0.60          | 1.92         | 0.41         | 4.40          | 1                 | 2.08         |
| C100          | A100        | 0.71          | 6.52         | 0.35         | 18.54         | 1                 | 10.64        |
| C101          | A101        | 0.84          | 7.08         | 0.37         | 18.97         | 1                 | 19.75        |
| C103          | A103        | 0.36          | 2.17         | 0.16         | 13.16         | 1                 | 1.47         |
| C129          | TRAPEZOIDAL | 0.49          | 0.98         | 0.31         | 2.98          | 1                 | 0.95         |
| C130          | TRAPEZOIDAL | 1.38          | 5.19         | 0.72         | 6.52          | 1                 | 16.96        |
| C131          | TRAPEZOIDAL | 1.26          | 3.79         | 0.62         | 5.53          | 1                 | 17.85        |
| C132_1        | TRAPEZOIDAL | 1.97          | 9.71         | 0.99         | 8.87          | 1                 | 17.87        |
| C132_2        | TRAPEZOIDAL | 1.13          | 3.68         | 0.61         | 5.52          | 1                 | 2.42         |
| C133          | TRAPEZOIDAL | 1.00          | 3.00         | 0.55         | 5.00          | 1                 | 4.43         |
| C134          | TRAPEZOIDAL | 0.84          | 2.24         | 0.47         | 4.35          | 1                 | 3.80         |
| C135          | TRAPEZOIDAL | 0.97          | 2.85         | 0.53         | 4.88          | 1                 | 3.92         |
| C136          | TRAPEZOIDAL | 1.00          | 3.00         | 0.55         | 5.00          | 1                 | 1.88         |
| C137          | TRAPEZOIDAL | 1.00          | 3.00         | 0.55         | 5.00          | 1                 | 0.28         |
| C1450_1       | T-C1450_1   | 0.72          | 48.96        | 0.45         | 109.00        | 1                 | 60.06        |
| C20           | TRAPEZOIDAL | 0.30          | 0.78         | 0.23         | 3.20          | 1                 | 0.82         |
| C25_3         | A25         | 0.16          | 0.78         | 0.08         | 9.50          | 1                 | 0.38         |
| C26_1         | TRAPEZOIDAL | 0.30          | 0.48         | 0.20         | 2.20          | 1                 | 0.21         |
| C26_2         | TRAPEZOIDAL | 0.30          | 0.48         | 0.20         | 2.20          | 1                 | 0.21         |
| C26_5         | TRAPEZOIDAL | 0.73          | 1.78         | 0.42         | 3.90          | 1                 | 1.93         |
| C30           | RECT_OPEN   | 0.30          | 0.60         | 0.23         | 2.00          | 1                 | 1.63         |
| C30_3         | TRAPEZOIDAL | 0.30          | 0.87         | 0.22         | 3.80          | 1                 | 0.90         |
| C36           | TRAPEZOIDAL | 0.45          | 0.87         | 0.29         | 2.82          | 1                 | 0.48         |
| C45           | TRAPEZOIDAL | 0.60          | 1.92         | 0.41         | 4.40          | 1                 | 3.06         |
| C46_1         | TRAPEZOIDAL | 0.55          | 1.16         | 0.33         | 3.20          | 1                 | 0.65         |
| C46_2         | TRAPEZOIDAL | 0.69          | 1.63         | 0.40         | 3.74          | 1                 | 1.12         |
| C47           | TRAPEZOIDAL | 0.61          | 1.35         | 0.36         | 3.44          | 1                 | 0.86         |
| C50           | TRAPEZOIDAL | 0.60          | 1.32         | 0.36         | 3.40          | 1                 | 0.95         |
| C57           | A57         | 0.25          | 1.13         | 0.15         | 7.56          | 1                 | 0.94         |
| C60           | TRAPEZOIDAL | 0.69          | 2.99         | 0.49         | 5.74          | 1                 | 2.92         |
| C70           | A70         | 0.95          | 25.32        | 0.62         | 40.00         | 1                 | 52.78        |
| C72           | TRAPEZOIDAL | 0.99          | 2.93         | 0.54         | 4.94          | 1                 | 7.61         |
| C75           | TRAPEZOIDAL | 1.00          | 4.00         | 0.62         | 6.00          | 1                 | 6.26         |
| C80           | TRAPEZOIDAL | 0.72          | 1.75         | 0.42         | 3.88          | 1                 | 4.02         |
| C81           | A81         | 0.13          | 0.54         | 0.07         | 8.04          | 1                 | 0.25         |
| C86           | TRAPEZOIDAL | 1.00          | 4.00         | 0.62         | 6.00          | 1                 | 6.01         |
| C87           | A87         | 0.60          | 5.37         | 0.36         | 14.68         | 1                 | 7.64         |
| C89           | A89         | 0.68          | 5.95         | 0.38         | 15.45         | 1                 | 13.32        |
| C91           | A91         | 0.83          | 4.29         | 0.43         | 9.35          | 1                 | 6.54         |
| C93           | A93         | 0.74          | 4.44         | 0.28         | 16.58         | 1                 | 2.84         |
| C95           | A95         | 0.60          | 3.11         | 0.23         | 13.46         | 1                 | 0.65         |
| C96           | A96         | 1.00          | 11.25        | 0.62         | 17.88         | 1                 | 32.28        |
| C99           | A99         | 1.02          | 10.34        | 0.56         | 18.28         | 1                 | 21.92        |
| DDC01         | TRAPEZOIDAL | 0.70          | 2.89         | 0.45         | 6.22          | 1                 | 5.41         |
| DDC02         | TRAPEZOIDAL | 0.84          | 3.83         | 0.52         | 7.06          | 1                 | 5.38         |
| DDC03         | TRAPEZOIDAL | 1.34          | 9.37         | 0.82         | 11.02         | 1                 | 14.29        |
| DDC04         | TRAPEZOIDAL | 1.29          | 8.86         | 0.79         | 10.74         | 1                 | 13.57        |
| DDC05         | TRAPEZOIDAL | 1.32          | 9.21         | 0.81         | 10.93         | 1                 | 14.17        |
| DDC06         | TRAPEZOIDAL | 1.33          | 9.32         | 0.82         | 10.99         | 1                 | 18.92        |
| DDC07         | TRAPEZOIDAL | 1.36          | 9.67         | 0.83         | 11.18         | 1                 | 18.30        |
| DDC08         | TRAPEZOIDAL | 1.13          | 7.21         | 0.71         | 9.77          | 1                 | 12.79        |
| DDC09         | TRAPEZOIDAL | 1.08          | 6.76         | 0.69         | 9.49          | 1                 | 11.07        |
| DDC10         | TRAPEZOIDAL | 0.99          | 5.88         | 0.64         | 8.92          | 1                 | 11.43        |
| DDC11         | TRAPEZOIDAL | 0.84          | 4.60         | 0.56         | 8.02          | 1                 | 7.87         |
| DDC12         | TRAPEZOIDAL | 0.79          | 3.43         | 0.49         | 6.72          | 1                 | 5.98         |
| DDC13         | TRAPEZOIDAL | 0.81          | 4.39         | 0.54         | 7.85          | 1                 | 9.15         |
| MDC01         | TRAPEZOIDAL | 1.00          | 3.00         | 0.55         | 5.00          | 1                 | 5.94         |
| MDC02         | TRAPEZOIDAL | 0.98          | 2.90         | 0.54         | 4.92          | 1                 | 5.56         |
| MDC03_HDPE600 | CIRCULAR    | 0.75          | 0.44         | 0.19         | 0.75          | 1                 | 1.73         |
| MDC04         | TRAPEZOIDAL | 1.37          | 6.46         | 0.80         | 7.46          | 1                 | 18.91        |
| MDC05_HDPE900 | CIRCULAR    | 0.90          | 0.64         | 0.23         | 0.90          | 1                 | 2.45         |
| NDC01         | TRAPEZOIDAL | 0.47          | 0.92         | 0.29         | 2.89          | 1                 | 1.96         |
| NDC02         | TRAPEZOIDAL | 0.47          | 0.92         | 0.29         | 2.89          | 1                 | 0.95         |
| NDC03         | TRAPEZOIDAL | 0.56          | 1.17         | 0.34         | 3.22          | 1                 | 0.90         |
| NDC04         | TRAPEZOIDAL | 0.66          | 1.55         | 0.39         | 3.66          | 1                 | 1.32         |
| NDC05         | TRAPEZOIDAL | 0.85          | 3.99         | 0.59         | 6.40          | 1                 | 3.62         |
| NDC06         | TRAPEZOIDAL | 0.85          | 2.30         | 0.48         | 4.40          | 1                 | 1.51         |
| NDC07         | TRAPEZOIDAL | 1.25          | 4.35         | 0.66         | 5.98          | 1                 | 6.23         |

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

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Transect Summary  
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Transect 248

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

Transect 257

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0009 | 0.0043 | 0.0155 | 0.0326 | 0.0513 |
|       | 0.0705 | 0.0900 | 0.1096 | 0.1293 | 0.1491 |
|       | 0.1689 | 0.1889 | 0.2089 | 0.2290 | 0.2493 |
|       | 0.2695 | 0.2899 | 0.3103 | 0.3308 | 0.3515 |
|       | 0.3722 | 0.3930 | 0.4139 | 0.4349 | 0.4559 |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
| Hrad:        | 0.4771 | 0.4983 | 0.5195 | 0.5408 | 0.5622 |
|              | 0.5836 | 0.6050 | 0.6265 | 0.6481 | 0.6696 |
|              | 0.6913 | 0.7129 | 0.7346 | 0.7564 | 0.7782 |
|              | 0.8000 | 0.8219 | 0.8439 | 0.8659 | 0.8880 |
|              | 0.9101 | 0.9323 | 0.9546 | 0.9772 | 1.0000 |
|              | 0.0127 | 0.0220 | 0.0268 | 0.0418 | 0.0625 |
|              | 0.0832 | 0.1057 | 0.1281 | 0.1504 | 0.1726 |
|              | 0.1947 | 0.2166 | 0.2384 | 0.2604 | 0.2824 |
|              | 0.3042 | 0.3258 | 0.3473 | 0.3687 | 0.3899 |
|              | 0.4110 | 0.4319 | 0.4528 | 0.4740 | 0.4951 |
| Width:       | 0.5162 | 0.5378 | 0.5594 | 0.5809 | 0.6024 |
|              | 0.6239 | 0.6453 | 0.6669 | 0.6884 | 0.7098 |
|              | 0.7312 | 0.7526 | 0.7739 | 0.7952 | 0.8162 |
|              | 0.8371 | 0.8578 | 0.8785 | 0.8991 | 0.9196 |
|              | 0.9389 | 0.9582 | 0.9758 | 0.9856 | 1.0000 |
|              | 0.0755 | 0.2466 | 0.6479 | 0.7914 | 0.8230 |
|              | 0.8434 | 0.8478 | 0.8515 | 0.8552 | 0.8589 |
|              | 0.8629 | 0.8673 | 0.8717 | 0.8749 | 0.8776 |
|              | 0.8811 | 0.8847 | 0.8883 | 0.8922 | 0.8961 |
|              | 0.9002 | 0.9045 | 0.9086 | 0.9119 | 0.9153 |
| Transect 261 |        |        |        |        |        |
| Area:        | 0.0008 | 0.0049 | 0.0157 | 0.0315 | 0.0488 |
|              | 0.0664 | 0.0840 | 0.1018 | 0.1196 | 0.1376 |
|              | 0.1558 | 0.1743 | 0.1935 | 0.2136 | 0.2338 |
|              | 0.2541 | 0.2745 | 0.2950 | 0.3157 | 0.3366 |
|              | 0.3578 | 0.3791 | 0.4005 | 0.4221 | 0.4436 |
|              | 0.4652 | 0.4869 | 0.5086 | 0.5303 | 0.5521 |
|              | 0.5739 | 0.5958 | 0.6178 | 0.6398 | 0.6619 |
|              | 0.6840 | 0.7062 | 0.7284 | 0.7507 | 0.7731 |
|              | 0.7955 | 0.8179 | 0.8404 | 0.8630 | 0.8857 |
|              | 0.9084 | 0.9311 | 0.9540 | 0.9769 | 1.0000 |
| Hrad:        | 0.0094 | 0.0196 | 0.0284 | 0.0442 | 0.0654 |
|              | 0.0881 | 0.1110 | 0.1338 | 0.1564 | 0.1789 |
|              | 0.2007 | 0.2219 | 0.2336 | 0.2478 | 0.2699 |
|              | 0.2919 | 0.3136 | 0.3352 | 0.3555 | 0.3749 |
|              | 0.3926 | 0.4141 | 0.4355 | 0.4573 | 0.4795 |
|              | 0.5017 | 0.5238 | 0.5458 | 0.5678 | 0.5896 |
|              | 0.6110 | 0.6322 | 0.6534 | 0.6745 | 0.6959 |
|              | 0.7172 | 0.7385 | 0.7597 | 0.7809 | 0.8018 |
|              | 0.8225 | 0.8432 | 0.8638 | 0.8843 | 0.9045 |
|              | 0.9247 | 0.9447 | 0.9641 | 0.9821 | 1.0000 |
| Width:       | 0.1045 | 0.3072 | 0.6073 | 0.7380 | 0.7556 |
|              | 0.7620 | 0.7661 | 0.7701 | 0.7741 | 0.7816 |
|              | 0.7945 | 0.8097 | 0.8553 | 0.8719 | 0.8762 |
|              | 0.8805 | 0.8852 | 0.8902 | 0.8979 | 0.9077 |
|              | 0.9213 | 0.9251 | 0.9289 | 0.9319 | 0.9337 |
|              | 0.9356 | 0.9374 | 0.9392 | 0.9411 | 0.9431 |
|              | 0.9458 | 0.9486 | 0.9513 | 0.9540 | 0.9562 |
|              | 0.9584 | 0.9606 | 0.9628 | 0.9650 | 0.9675 |
|              | 0.9701 | 0.9727 | 0.9752 | 0.9779 | 0.9808 |
|              | 0.9837 | 0.9866 | 0.9901 | 0.9951 | 1.0000 |
| Transect 287 |        |        |        |        |        |
| Area:        | 0.0007 | 0.0025 | 0.0050 | 0.0094 | 0.0150 |
|              | 0.0223 | 0.0312 | 0.0412 | 0.0518 | 0.0631 |
|              | 0.0748 | 0.0868 | 0.0993 | 0.1126 | 0.1265 |
|              | 0.1407 | 0.1560 | 0.1732 | 0.1910 | 0.2097 |
|              | 0.2296 | 0.2501 | 0.2709 | 0.2923 | 0.3143 |
|              | 0.3369 | 0.3597 | 0.3827 | 0.4060 | 0.4294 |
|              | 0.4533 | 0.4776 | 0.5023 | 0.5272 | 0.5524 |
|              | 0.5781 | 0.6048 | 0.6325 | 0.6611 | 0.6903 |
|              | 0.7198 | 0.7496 | 0.7796 | 0.8100 | 0.8406 |
|              | 0.8715 | 0.9028 | 0.9344 | 0.9669 | 1.0000 |
| Hrad:        | 0.0174 | 0.0403 | 0.0624 | 0.0700 | 0.0863 |
|              | 0.1043 | 0.1231 | 0.1412 | 0.1615 | 0.1871 |
|              | 0.2153 | 0.2428 | 0.2691 | 0.2752 | 0.3036 |
|              | 0.3286 | 0.3363 | 0.3340 | 0.3621 | 0.3777 |
|              | 0.3923 | 0.4087 | 0.4310 | 0.4572 | 0.4820 |
|              | 0.4972 | 0.5269 | 0.5566 | 0.5871 | 0.6174 |
|              | 0.6471 | 0.6655 | 0.6946 | 0.7232 | 0.7508 |
|              | 0.7776 | 0.8016 | 0.7850 | 0.7803 | 0.8050 |
|              | 0.8333 | 0.8613 | 0.8893 | 0.8900 | 0.9189 |
|              | 0.9497 | 0.9802 | 0.9925 | 0.9932 | 1.0000 |
| Width:       | 0.0388 | 0.0622 | 0.1001 | 0.1472 | 0.1932 |
|              | 0.2439 | 0.2840 | 0.3062 | 0.3277 | 0.3432 |
|              | 0.3525 | 0.3629 | 0.3840 | 0.4107 | 0.4181 |
|              | 0.4292 | 0.4928 | 0.5252 | 0.5392 | 0.5788 |
|              | 0.6051 | 0.6133 | 0.6294 | 0.6481 | 0.6639 |
|              | 0.6780 | 0.6829 | 0.6894 | 0.6960 | 0.7026 |
|              | 0.7203 | 0.7310 | 0.7387 | 0.7463 | 0.7564 |
|              | 0.7833 | 0.8082 | 0.8416 | 0.8655 | 0.8768 |
|              | 0.8839 | 0.8911 | 0.9005 | 0.9100 | 0.9179 |
|              | 0.9267 | 0.9355 | 0.9539 | 0.9783 | 1.0000 |
| Transect 288 |        |        |        |        |        |
| Area:        | 0.0010 | 0.0041 | 0.0080 | 0.0120 | 0.0166 |
|              | 0.0221 | 0.0281 | 0.0356 | 0.0450 | 0.0559 |
|              | 0.0679 | 0.0809 | 0.0946 | 0.1096 | 0.1256 |

|                                    |        |        |        |        |        |
|------------------------------------|--------|--------|--------|--------|--------|
| Hrad:                              | 0.1424 | 0.1601 | 0.1785 | 0.1973 | 0.2166 |
|                                    | 0.2362 | 0.2562 | 0.2767 | 0.2976 | 0.3190 |
|                                    | 0.3408 | 0.3630 | 0.3854 | 0.4081 | 0.4313 |
|                                    | 0.4551 | 0.4794 | 0.5046 | 0.5303 | 0.5570 |
|                                    | 0.5842 | 0.6121 | 0.6408 | 0.6699 | 0.6991 |
|                                    | 0.7284 | 0.7581 | 0.7882 | 0.8183 | 0.8485 |
|                                    | 0.8787 | 0.9089 | 0.9392 | 0.9695 | 1.0000 |
|                                    |        |        |        |        |        |
| Width:                             | 0.0152 | 0.0357 | 0.0624 | 0.0906 | 0.1150 |
|                                    | 0.1343 | 0.1474 | 0.1574 | 0.1727 | 0.1854 |
|                                    | 0.1964 | 0.2125 | 0.2323 | 0.2523 | 0.2716 |
|                                    | 0.2912 | 0.3094 | 0.3223 | 0.3397 | 0.3603 |
|                                    | 0.3816 | 0.4027 | 0.4234 | 0.4433 | 0.4642 |
|                                    | 0.4773 | 0.5019 | 0.5261 | 0.5490 | 0.5716 |
|                                    | 0.5843 | 0.6050 | 0.6063 | 0.6281 | 0.6415 |
|                                    | 0.6642 | 0.6855 | 0.7086 | 0.7021 | 0.7300 |
| Transect 293                       | 0.7578 | 0.7764 | 0.8003 | 0.8300 | 0.8597 |
|                                    | 0.8893 | 0.9189 | 0.9476 | 0.9756 | 1.0000 |
|                                    |        |        |        |        |        |
|                                    | 0.0712 | 0.1182 | 0.1278 | 0.1435 | 0.1608 |
|                                    | 0.1880 | 0.2146 | 0.2825 | 0.3407 | 0.3743 |
|                                    | 0.4091 | 0.4352 | 0.4718 | 0.5087 | 0.5359 |
|                                    | 0.5661 | 0.5886 | 0.6099 | 0.6231 | 0.6356 |
|                                    | 0.6484 | 0.6618 | 0.6765 | 0.6914 | 0.7048 |
| Area:                              | 0.7199 | 0.7286 | 0.7376 | 0.7480 | 0.7684 |
|                                    | 0.7854 | 0.8099 | 0.8356 | 0.8533 | 0.8810 |
|                                    | 0.8972 | 0.9292 | 0.9437 | 0.9542 | 0.9578 |
|                                    | 0.9614 | 0.9781 | 0.9849 | 0.9860 | 0.9870 |
|                                    | 0.9881 | 0.9891 | 0.9911 | 0.9938 | 1.0000 |
|                                    |        |        |        |        |        |
|                                    |        |        |        |        |        |
|                                    |        |        |        |        |        |
| Hrad:                              | 0.0002 | 0.0017 | 0.0076 | 0.0180 | 0.0315 |
|                                    | 0.0464 | 0.0618 | 0.0777 | 0.0941 | 0.1106 |
|                                    | 0.1274 | 0.1444 | 0.1616 | 0.1788 | 0.1961 |
|                                    | 0.2134 | 0.2308 | 0.2482 | 0.2657 | 0.2835 |
|                                    | 0.3019 | 0.3211 | 0.3410 | 0.3615 | 0.3822 |
|                                    | 0.4035 | 0.4256 | 0.4481 | 0.4709 | 0.4941 |
|                                    | 0.5176 | 0.5414 | 0.5655 | 0.5897 | 0.6140 |
|                                    | 0.6384 | 0.6629 | 0.6876 | 0.7125 | 0.7379 |
| Width:                             | 0.7633 | 0.7888 | 0.8144 | 0.8401 | 0.8661 |
|                                    | 0.8925 | 0.9193 | 0.9461 | 0.9730 | 1.0000 |
|                                    |        |        |        |        |        |
|                                    | 0.0122 | 0.0174 | 0.0286 | 0.0426 | 0.0596 |
|                                    | 0.0841 | 0.1083 | 0.1314 | 0.1552 | 0.1800 |
|                                    | 0.2047 | 0.2290 | 0.2554 | 0.2816 | 0.3078 |
|                                    | 0.3339 | 0.3599 | 0.3859 | 0.4116 | 0.4365 |
|                                    | 0.4603 | 0.4522 | 0.4721 | 0.4782 | 0.4958 |
| Transect 295                       | 0.5115 | 0.5194 | 0.5446 | 0.5692 | 0.5932 |
|                                    | 0.5929 | 0.6124 | 0.6356 | 0.6601 | 0.6832 |
|                                    | 0.7072 | 0.7314 | 0.7553 | 0.7635 | 0.7873 |
|                                    | 0.8113 | 0.8358 | 0.8602 | 0.8838 | 0.9065 |
|                                    | 0.9044 | 0.9287 | 0.9532 | 0.9771 | 1.0000 |
|                                    |        |        |        |        |        |
|                                    |        |        |        |        |        |
|                                    |        |        |        |        |        |
| Area:                              | 0.0201 | 0.1337 | 0.2971 | 0.4551 | 0.5431 |
|                                    | 0.5612 | 0.5780 | 0.5961 | 0.6082 | 0.6168 |
|                                    | 0.6247 | 0.6328 | 0.6349 | 0.6370 | 0.6391 |
|                                    | 0.6411 | 0.6430 | 0.6450 | 0.6525 | 0.6634 |
|                                    | 0.6964 | 0.7225 | 0.7489 | 0.7581 | 0.7730 |
|                                    | 0.8025 | 0.8218 | 0.8377 | 0.8487 | 0.8649 |
|                                    | 0.8755 | 0.8866 | 0.8920 | 0.8954 | 0.9007 |
|                                    | 0.9046 | 0.9081 | 0.9118 | 0.9347 | 0.9386 |
| Hrad:                              | 0.9420 | 0.9449 | 0.9477 | 0.9514 | 0.9687 |
|                                    | 0.9875 | 0.9903 | 0.9928 | 0.9960 | 1.0000 |
|                                    |        |        |        |        |        |
|                                    | 0.0003 | 0.0010 | 0.0019 | 0.0030 | 0.0042 |
|                                    | 0.0056 | 0.0069 | 0.0084 | 0.0100 | 0.0117 |
|                                    | 0.0135 | 0.0155 | 0.0190 | 0.0252 | 0.0351 |
|                                    | 0.0484 | 0.0646 | 0.0820 | 0.1003 | 0.1191 |
|                                    | 0.1385 | 0.1583 | 0.1787 | 0.1995 | 0.2207 |
| Width:                             | 0.2424 | 0.2646 | 0.2869 | 0.3101 | 0.3335 |
|                                    | 0.3572 | 0.3810 | 0.4053 | 0.4311 | 0.4591 |
|                                    | 0.4887 | 0.5195 | 0.5513 | 0.5851 | 0.6198 |
|                                    | 0.6554 | 0.6919 | 0.7293 | 0.7673 | 0.8055 |
|                                    | 0.8439 | 0.8826 | 0.9215 | 0.9606 | 1.0000 |
|                                    |        |        |        |        |        |
|                                    |        |        |        |        |        |
|                                    |        |        |        |        |        |
| Hrad:                              | 0.0211 | 0.0474 | 0.0750 | 0.1022 | 0.1327 |
|                                    | 0.1618 | 0.1896 | 0.2165 | 0.2421 | 0.2666 |
|                                    | 0.2906 | 0.3103 | 0.3012 | 0.2603 | 0.2014 |
|                                    | 0.1965 | 0.2057 | 0.2230 | 0.2483 | 0.2749 |
|                                    | 0.3032 | 0.3311 | 0.3443 | 0.3772 | 0.4068 |
|                                    | 0.4361 | 0.4694 | 0.5028 | 0.5239 | 0.5590 |
|                                    | 0.5943 | 0.6263 | 0.6511 | 0.6805 | 0.6970 |
|                                    | 0.7239 | 0.7510 | 0.7757 | 0.7070 | 0.7411 |
| Transect 297                       | 0.7726 | 0.8025 | 0.7645 | 0.7946 | 0.8302 |
|                                    | 0.8655 | 0.8985 | 0.9321 | 0.9655 | 1.0000 |
|                                    |        |        |        |        |        |
|                                    | 0.0138 | 0.0211 | 0.0257 | 0.0296 | 0.0319 |
|                                    | 0.0343 | 0.0366 | 0.0389 | 0.0413 | 0.0438 |
|                                    | 0.0463 | 0.0592 | 0.1186 | 0.1969 | 0.3025 |
|                                    | 0.3850 | 0.4315 | 0.4577 | 0.4699 | 0.4830 |
|                                    | 0.4954 | 0.5102 | 0.5230 | 0.5313 | 0.5434 |
| Area:                              | 0.5560 | 0.5635 | 0.5706 | 0.5917 | 0.5966 |
|                                    | 0.6009 | 0.6083 | 0.6272 | 0.6747 | 0.7351 |
|                                    | 0.7626 | 0.7934 | 0.8281 | 0.8739 | 0.8887 |
|                                    | 0.9079 | 0.9393 | 0.9541 | 0.9657 | 0.9703 |
|                                    | 0.9751 | 0.9822 | 0.9885 | 0.9949 | 1.0000 |
|                                    |        |        |        |        |        |
|                                    |        |        |        |        |        |
|                                    |        |        |        |        |        |
| Transect 297                       |        |        |        |        |        |
| Area:                              |        |        |        |        |        |
| 0.0003 0.0012 0.0025 0.0040 0.0056 |        |        |        |        |        |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
|              | 0.0084 | 0.0120 | 0.0159 | 0.0200 | 0.0249 |
|              | 0.0313 | 0.0386 | 0.0469 | 0.0565 | 0.0668 |
|              | 0.0778 | 0.0900 | 0.1032 | 0.1195 | 0.1387 |
|              | 0.1595 | 0.1808 | 0.2027 | 0.2253 | 0.2481 |
|              | 0.2714 | 0.2950 | 0.3189 | 0.3435 | 0.3692 |
|              | 0.3961 | 0.4243 | 0.4536 | 0.4832 | 0.5135 |
|              | 0.5445 | 0.5759 | 0.6077 | 0.6400 | 0.6723 |
|              | 0.7046 | 0.7371 | 0.7697 | 0.8025 | 0.8353 |
|              | 0.8682 | 0.9010 | 0.9340 | 0.9670 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0210 | 0.0338 | 0.0615 | 0.0872 | 0.1125 |
|              | 0.0821 | 0.1107 | 0.1387 | 0.1656 | 0.1848 |
|              | 0.1868 | 0.2053 | 0.2169 | 0.2088 | 0.2319 |
|              | 0.2502 | 0.2638 | 0.2868 | 0.3016 | 0.3125 |
|              | 0.3199 | 0.3376 | 0.3557 | 0.3394 | 0.3683 |
|              | 0.3942 | 0.4227 | 0.4496 | 0.4683 | 0.4932 |
|              | 0.5153 | 0.5361 | 0.5195 | 0.5481 | 0.5728 |
|              | 0.5993 | 0.6271 | 0.6498 | 0.6594 | 0.6909 |
|              | 0.7226 | 0.7542 | 0.7812 | 0.8128 | 0.8449 |
|              | 0.8770 | 0.9091 | 0.9407 | 0.9721 | 1.0000 |
| Width:       |        |        |        |        |        |
|              | 0.0130 | 0.0367 | 0.0414 | 0.0458 | 0.0582 |
|              | 0.1068 | 0.1141 | 0.1201 | 0.1271 | 0.1706 |
|              | 0.2122 | 0.2290 | 0.2743 | 0.3010 | 0.3178 |
|              | 0.3550 | 0.3772 | 0.4301 | 0.5442 | 0.6067 |
|              | 0.6343 | 0.6511 | 0.6704 | 0.6844 | 0.6929 |
|              | 0.7066 | 0.7157 | 0.7272 | 0.7583 | 0.7983 |
|              | 0.8248 | 0.8727 | 0.8866 | 0.9028 | 0.9286 |
|              | 0.9365 | 0.9548 | 0.9672 | 0.9722 | 0.9745 |
|              | 0.9765 | 0.9784 | 0.9865 | 0.9883 | 0.9894 |
|              | 0.9905 | 0.9916 | 0.9931 | 0.9948 | 1.0000 |
| Transect 299 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
|              | 0.0012 | 0.0034 | 0.0066 | 0.0105 | 0.0152 |
|              | 0.0213 | 0.0281 | 0.0355 | 0.0439 | 0.0533 |
|              | 0.0647 | 0.0768 | 0.0897 | 0.1033 | 0.1182 |
|              | 0.1342 | 0.1506 | 0.1678 | 0.1853 | 0.2031 |
|              | 0.2211 | 0.2392 | 0.2578 | 0.2769 | 0.2961 |
|              | 0.3155 | 0.3352 | 0.3552 | 0.3764 | 0.3984 |
|              | 0.4209 | 0.4439 | 0.4675 | 0.4916 | 0.5163 |
|              | 0.5415 | 0.5678 | 0.5961 | 0.6271 | 0.6596 |
|              | 0.6925 | 0.7257 | 0.7592 | 0.7930 | 0.8271 |
|              | 0.8615 | 0.8959 | 0.9304 | 0.9650 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0242 | 0.0503 | 0.0648 | 0.0936 | 0.1047 |
|              | 0.1163 | 0.1443 | 0.1697 | 0.1867 | 0.1934 |
|              | 0.1940 | 0.2191 | 0.2371 | 0.2672 | 0.2672 |
|              | 0.2946 | 0.3210 | 0.3428 | 0.3737 | 0.4051 |
|              | 0.4362 | 0.4670 | 0.4970 | 0.5137 | 0.5459 |
|              | 0.5756 | 0.6023 | 0.6299 | 0.6304 | 0.6575 |
|              | 0.6840 | 0.7094 | 0.7310 | 0.7536 | 0.7783 |
|              | 0.8023 | 0.8189 | 0.8270 | 0.7493 | 0.7678 |
|              | 0.7962 | 0.8250 | 0.8540 | 0.8295 | 0.8543 |
|              | 0.8870 | 0.9207 | 0.9545 | 0.9882 | 1.0000 |
| Width:       |        |        |        |        |        |
|              | 0.0555 | 0.0731 | 0.1023 | 0.1203 | 0.1465 |
|              | 0.1846 | 0.2006 | 0.2183 | 0.2488 | 0.2908 |
|              | 0.3354 | 0.3527 | 0.3805 | 0.3890 | 0.4448 |
|              | 0.4581 | 0.4719 | 0.4924 | 0.4989 | 0.5043 |
|              | 0.5097 | 0.5160 | 0.5317 | 0.5420 | 0.5455 |
|              | 0.5512 | 0.5597 | 0.5715 | 0.6152 | 0.6280 |
|              | 0.6421 | 0.6562 | 0.6732 | 0.6900 | 0.7031 |
|              | 0.7240 | 0.7646 | 0.8355 | 0.9069 | 0.9248 |
|              | 0.9340 | 0.9416 | 0.9482 | 0.9573 | 0.9693 |
|              | 0.9721 | 0.9737 | 0.9752 | 0.9787 | 1.0000 |
| Transect 300 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
|              | 0.0002 | 0.0016 | 0.0049 | 0.0095 | 0.0159 |
|              | 0.0235 | 0.0316 | 0.0402 | 0.0492 | 0.0594 |
|              | 0.0709 | 0.0849 | 0.0998 | 0.1151 | 0.1306 |
|              | 0.1464 | 0.1626 | 0.1791 | 0.1963 | 0.2145 |
|              | 0.2332 | 0.2525 | 0.2725 | 0.2931 | 0.3149 |
|              | 0.3386 | 0.3632 | 0.3885 | 0.4140 | 0.4399 |
|              | 0.4661 | 0.4924 | 0.5190 | 0.5456 | 0.5723 |
|              | 0.5991 | 0.6260 | 0.6532 | 0.6806 | 0.7081 |
|              | 0.7357 | 0.7633 | 0.7912 | 0.8195 | 0.8480 |
|              | 0.8769 | 0.9065 | 0.9369 | 0.9680 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0147 | 0.0234 | 0.0418 | 0.0632 | 0.0735 |
|              | 0.0960 | 0.1250 | 0.1494 | 0.1752 | 0.1952 |
|              | 0.2107 | 0.2035 | 0.2149 | 0.2444 | 0.2731 |
|              | 0.2992 | 0.3241 | 0.3521 | 0.3706 | 0.3960 |
|              | 0.4204 | 0.4450 | 0.4580 | 0.4832 | 0.5058 |
|              | 0.5265 | 0.5471 | 0.5680 | 0.5894 | 0.6109 |
|              | 0.5773 | 0.6054 | 0.6342 | 0.6644 | 0.6951 |
|              | 0.7257 | 0.7526 | 0.7752 | 0.8046 | 0.8346 |
|              | 0.8649 | 0.8951 | 0.9235 | 0.9519 | 0.9803 |
|              | 0.9872 | 0.9783 | 0.9914 | 1.0160 | 1.0000 |
| Width:       |        |        |        |        |        |
|              | 0.0188 | 0.0841 | 0.1258 | 0.1720 | 0.2175 |
|              | 0.2469 | 0.2552 | 0.2710 | 0.2902 | 0.3340 |
|              | 0.4055 | 0.4463 | 0.4680 | 0.4746 | 0.4818 |
|              | 0.4931 | 0.5056 | 0.5161 | 0.5487 | 0.5680 |
|              | 0.5868 | 0.6042 | 0.6281 | 0.6434 | 0.7090 |
|              | 0.7494 | 0.7699 | 0.7843 | 0.7929 | 0.8031 |
|              | 0.8103 | 0.8161 | 0.8208 | 0.8235 | 0.8255 |
|              | 0.8274 | 0.8335 | 0.8442 | 0.8472 | 0.8496 |
|              | 0.8516 | 0.8542 | 0.8671 | 0.8754 | 0.8829 |
|              | 0.9011 | 0.9267 | 0.9470 | 0.9711 | 1.0000 |
| Transect 301 |        |        |        |        |        |

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

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

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

Transect 304

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0002 | 0.0013 | 0.0029 | 0.0049 | 0.0072 |
|       | 0.0100 | 0.0131 | 0.0167 | 0.0209 | 0.0261 |
|       | 0.0327 | 0.0401 | 0.0483 | 0.0577 | 0.0681 |
|       | 0.0797 | 0.0920 | 0.1048 | 0.1185 | 0.1340 |
|       | 0.1515 | 0.1710 | 0.1921 | 0.2151 | 0.2395 |
|       | 0.2644 | 0.2898 | 0.3163 | 0.3438 | 0.3721 |
|       | 0.4009 | 0.4303 | 0.4603 | 0.4905 | 0.5209 |
|       | 0.5515 | 0.5825 | 0.6136 | 0.6449 | 0.6763 |
|       | 0.7079 | 0.7396 | 0.7716 | 0.8036 | 0.8359 |
|       | 0.8683 | 0.9009 | 0.9338 | 0.9668 | 1.0000 |

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0134 | 0.0290 | 0.0533 | 0.0776 | 0.0918 |
|       | 0.1125 | 0.1349 | 0.1442 | 0.1657 | 0.1587 |
|       | 0.1521 | 0.1791 | 0.2024 | 0.2036 | 0.2252 |
|       | 0.2475 | 0.2700 | 0.2807 | 0.3006 | 0.3202 |
|       | 0.3352 | 0.3479 | 0.3618 | 0.3295 | 0.3253 |
|       | 0.3553 | 0.3835 | 0.4081 | 0.4328 | 0.4586 |
|       | 0.4601 | 0.4883 | 0.5113 | 0.5412 | 0.5716 |
|       | 0.5975 | 0.6273 | 0.6581 | 0.6883 | 0.7178 |
|       | 0.7467 | 0.7756 | 0.8058 | 0.8349 | 0.8635 |
|       | 0.8927 | 0.9192 | 0.9462 | 0.9755 | 1.0000 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.0185 | 0.0446 | 0.0548 | 0.0631 | 0.0784 |
|        | 0.0891 | 0.0975 | 0.1163 | 0.1360 | 0.1732 |
|        | 0.2156 | 0.2243 | 0.2644 | 0.2941 | 0.3339 |
|        | 0.3574 | 0.3747 | 0.3932 | 0.4417 | 0.4959 |
|        | 0.5548 | 0.6122 | 0.6577 | 0.7166 | 0.7384 |
|        | 0.7542 | 0.7712 | 0.8118 | 0.8365 | 0.8536 |
|        | 0.8737 | 0.8904 | 0.9025 | 0.9085 | 0.9134 |
|        | 0.9250 | 0.9305 | 0.9342 | 0.9385 | 0.9436 |
|        | 0.9493 | 0.9548 | 0.9585 | 0.9634 | 0.9688 |
|        | 0.9732 | 0.9806 | 0.9871 | 0.9912 | 1.0000 |

Transect 311

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0002 | 0.0013 | 0.0029 | 0.0049 | 0.0072 |
|       | 0.0100 | 0.0131 | 0.0167 | 0.0209 | 0.0261 |
|       | 0.0327 | 0.0401 | 0.0483 | 0.0577 | 0.0681 |
|       | 0.0797 | 0.0920 | 0.1048 | 0.1185 | 0.1340 |
|       | 0.1515 | 0.1710 | 0.1921 | 0.2151 | 0.2395 |
|       | 0.2644 | 0.2898 | 0.3163 | 0.3438 | 0.3721 |
|       | 0.4009 | 0.4303 | 0.4603 | 0.4905 | 0.5209 |
|       | 0.5515 | 0.5825 | 0.6136 | 0.6449 | 0.6763 |
|       | 0.7079 | 0.7396 | 0.7716 | 0.8036 | 0.8359 |
|       | 0.8683 | 0.9009 | 0.9338 | 0.9668 | 1.0000 |

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: | 0.0134 | 0.0290 | 0.0533 | 0.0776 | 0.0918 |
|       | 0.1125 | 0.1349 | 0.1442 | 0.1657 | 0.1587 |
|       | 0.1521 | 0.1791 | 0.2024 | 0.2036 | 0.2252 |
|       | 0.2475 | 0.2700 | 0.2807 | 0.3006 | 0.3202 |
|       | 0.3352 | 0.3479 | 0.3618 | 0.3295 | 0.3253 |
|       | 0.3553 | 0.3835 | 0.4081 | 0.4328 | 0.4586 |
|       | 0.4601 | 0.4883 | 0.5113 | 0.5412 | 0.5716 |
|       | 0.5975 | 0.6273 | 0.6581 | 0.6883 | 0.7178 |
|       | 0.7467 | 0.7756 | 0.8058 | 0.8349 | 0.8635 |
|       | 0.8927 | 0.9192 | 0.9462 | 0.9755 | 1.0000 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.0185 | 0.0446 | 0.0548 | 0.0631 | 0.0784 |
|        | 0.0891 | 0.0975 | 0.1163 | 0.1360 | 0.1732 |
|        | 0.2156 | 0.2243 | 0.2644 | 0.2941 | 0.3339 |
|        | 0.3574 | 0.3747 | 0.3932 | 0.4417 | 0.4959 |
|        | 0.5548 | 0.6122 | 0.6577 | 0.7166 | 0.7384 |
|        | 0.7542 | 0.7712 | 0.8118 | 0.8365 | 0.8536 |
|        | 0.8737 | 0.8904 | 0.9025 | 0.9085 | 0.9134 |
|        | 0.9250 | 0.9305 | 0.9342 | 0.9385 | 0.9436 |
|        | 0.9493 | 0.9548 | 0.9585 | 0.9634 | 0.9688 |
|        | 0.9732 | 0.9806 | 0.9871 | 0.9912 | 1.0000 |

Transect 319

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  | 0.0012 | 0.0045 | 0.0089 | 0.0142 | 0.0200 |
|        | 0.0265 | 0.0345 | 0.0436 | 0.0539 | 0.0650 |
|        | 0.0765 | 0.0885 | 0.1010 | 0.1141 | 0.1278 |
|        | 0.1418 | 0.1564 | 0.1714 | 0.1868 | 0.2027 |
|        | 0.2191 | 0.2361 | 0.2535 | 0.2714 | 0.2897 |
|        | 0.3085 | 0.3278 | 0.3476 | 0.3679 | 0.3893 |
|        | 0.4124 | 0.4361 | 0.4608 | 0.4862 | 0.5123 |
|        | 0.5391 | 0.5667 | 0.5951 | 0.6242 | 0.6542 |
|        | 0.6858 | 0.7185 | 0.7518 | 0.7856 | 0.8198 |
|        | 0.8544 | 0.8893 | 0.9252 | 0.9621 | 1.0000 |
| Hrad:  | 0.0186 | 0.0448 | 0.0711 | 0.0997 | 0.1271 |
|        | 0.1351 | 0.1555 | 0.1745 | 0.1941 | 0.2229 |
|        | 0.2529 | 0.2817 | 0.3046 | 0.3313 | 0.3582 |
|        | 0.3854 | 0.4116 | 0.4370 | 0.4624 | 0.4868 |
|        | 0.5113 | 0.5335 | 0.5573 | 0.5806 | 0.6063 |
|        | 0.6301 | 0.6509 | 0.6737 | 0.6944 | 0.6639 |
|        | 0.6837 | 0.7004 | 0.7141 | 0.7330 | 0.7507 |
|        | 0.7718 | 0.7853 | 0.8030 | 0.8234 | 0.8206 |
|        | 0.8284 | 0.8441 | 0.8703 | 0.8957 | 0.9245 |
|        | 0.9538 | 0.9838 | 0.9803 | 0.9995 | 1.0000 |
| Width: | 0.0645 | 0.1000 | 0.1258 | 0.1424 | 0.1574 |
|        | 0.1966 | 0.2225 | 0.2508 | 0.2783 | 0.2922 |
|        | 0.3032 | 0.3148 | 0.3323 | 0.3453 | 0.3574 |
|        | 0.3688 | 0.3807 | 0.3930 | 0.4048 | 0.4173 |
|        | 0.4295 | 0.4434 | 0.4557 | 0.4684 | 0.4789 |
|        | 0.4906 | 0.5046 | 0.5170 | 0.5308 | 0.5875 |
|        | 0.6044 | 0.6239 | 0.6465 | 0.6646 | 0.6838 |
|        | 0.6999 | 0.7231 | 0.7427 | 0.7597 | 0.7989 |
|        | 0.8297 | 0.8530 | 0.8656 | 0.8785 | 0.8880 |
|        | 0.8967 | 0.9046 | 0.9443 | 0.9628 | 1.0000 |

Transect 320

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  | 0.0007 | 0.0025 | 0.0053 | 0.0086 | 0.0123 |
|        | 0.0165 | 0.0214 | 0.0268 | 0.0328 | 0.0395 |
|        | 0.0467 | 0.0546 | 0.0632 | 0.0723 | 0.0817 |
|        | 0.0913 | 0.1012 | 0.1113 | 0.1218 | 0.1340 |
|        | 0.1473 | 0.1613 | 0.1766 | 0.1942 | 0.2129 |
|        | 0.2326 | 0.2531 | 0.2743 | 0.2968 | 0.3206 |
|        | 0.3456 | 0.3720 | 0.3991 | 0.4277 | 0.4577 |
|        | 0.4883 | 0.5195 | 0.5514 | 0.5840 | 0.6174 |
|        | 0.6515 | 0.6870 | 0.7241 | 0.7620 | 0.8004 |
|        | 0.8393 | 0.8785 | 0.9181 | 0.9582 | 1.0000 |
| Hrad:  | 0.0209 | 0.0430 | 0.0724 | 0.1010 | 0.1301 |
|        | 0.1533 | 0.1719 | 0.1956 | 0.2171 | 0.2366 |
|        | 0.2598 | 0.2732 | 0.2956 | 0.3258 | 0.3583 |
|        | 0.3906 | 0.4217 | 0.4504 | 0.4718 | 0.4310 |
|        | 0.4482 | 0.4672 | 0.4771 | 0.4546 | 0.4786 |
|        | 0.5004 | 0.5267 | 0.5544 | 0.5576 | 0.5757 |
|        | 0.5951 | 0.5776 | 0.6080 | 0.6038 | 0.6298 |
|        | 0.6586 | 0.6875 | 0.7119 | 0.7396 | 0.7612 |
|        | 0.7890 | 0.7786 | 0.8059 | 0.8305 | 0.8627 |
|        | 0.8969 | 0.9295 | 0.9622 | 0.9926 | 1.0000 |
| Width: | 0.0304 | 0.0568 | 0.0705 | 0.0821 | 0.0916 |
|        | 0.1042 | 0.1202 | 0.1325 | 0.1461 | 0.1613 |
|        | 0.1738 | 0.1930 | 0.2066 | 0.2144 | 0.2203 |
|        | 0.2258 | 0.2318 | 0.2388 | 0.2495 | 0.3003 |
|        | 0.3174 | 0.3336 | 0.3890 | 0.4223 | 0.4439 |
|        | 0.4657 | 0.4834 | 0.5012 | 0.5405 | 0.5675 |
|        | 0.5938 | 0.6222 | 0.6351 | 0.6843 | 0.7020 |
|        | 0.7163 | 0.7300 | 0.7482 | 0.7628 | 0.7836 |
|        | 0.7977 | 0.8524 | 0.8681 | 0.8863 | 0.8963 |
|        | 0.9040 | 0.9131 | 0.9218 | 0.9433 | 1.0000 |

Transect 321

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  | 0.0006 | 0.0017 | 0.0034 | 0.0058 | 0.0087 |
|        | 0.0121 | 0.0158 | 0.0199 | 0.0253 | 0.0312 |
|        | 0.0374 | 0.0447 | 0.0531 | 0.0624 | 0.0727 |
|        | 0.0844 | 0.0979 | 0.1129 | 0.1289 | 0.1458 |
|        | 0.1636 | 0.1828 | 0.2030 | 0.2243 | 0.2464 |
|        | 0.2701 | 0.2954 | 0.3220 | 0.3495 | 0.3776 |
|        | 0.4062 | 0.4351 | 0.4646 | 0.4946 | 0.5250 |
|        | 0.5557 | 0.5865 | 0.6174 | 0.6484 | 0.6797 |
|        | 0.7111 | 0.7427 | 0.7743 | 0.8061 | 0.8381 |
|        | 0.8701 | 0.9023 | 0.9347 | 0.9672 | 1.0000 |
| Hrad:  | 0.0234 | 0.0436 | 0.0529 | 0.0702 | 0.0910 |
|        | 0.1130 | 0.1344 | 0.1378 | 0.1472 | 0.1715 |
|        | 0.1939 | 0.2123 | 0.2278 | 0.2437 | 0.2581 |
|        | 0.2668 | 0.2705 | 0.2804 | 0.2918 | 0.3096 |
|        | 0.3222 | 0.3401 | 0.3506 | 0.3668 | 0.3837 |
|        | 0.3735 | 0.3846 | 0.3893 | 0.4162 | 0.4393 |
|        | 0.4667 | 0.4927 | 0.5159 | 0.5398 | 0.5668 |
|        | 0.5972 | 0.6275 | 0.6575 | 0.6866 | 0.7154 |
|        | 0.7449 | 0.7744 | 0.8041 | 0.8338 | 0.8633 |
|        | 0.8923 | 0.9204 | 0.9477 | 0.9750 | 1.0000 |
| Width: | 0.0265 | 0.0385 | 0.0638 | 0.0824 | 0.0961 |
|        | 0.1072 | 0.1177 | 0.1451 | 0.1728 | 0.1824 |
|        | 0.2042 | 0.2392 | 0.2690 | 0.2977 | 0.3326 |
|        | 0.3764 | 0.4368 | 0.4715 | 0.5006 | 0.5252 |
|        | 0.5698 | 0.5963 | 0.6329 | 0.6599 | 0.6835 |
|        | 0.7491 | 0.7885 | 0.8301 | 0.8428 | 0.8626 |
|        | 0.8733 | 0.8861 | 0.9037 | 0.9194 | 0.9296 |
|        | 0.9335 | 0.9374 | 0.9416 | 0.9468 | 0.9522 |

|               |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|
|               | 0.9566 | 0.9607 | 0.9644 | 0.9681 | 0.9718 |
|               | 0.9760 | 0.9809 | 0.9867 | 0.9923 | 1.0000 |
| Transect A100 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0007 | 0.0026 | 0.0059 | 0.0106 | 0.0160 |
|               | 0.0221 | 0.0289 | 0.0363 | 0.0445 | 0.0535 |
|               | 0.0633 | 0.0739 | 0.0849 | 0.0963 | 0.1084 |
|               | 0.1218 | 0.1376 | 0.1555 | 0.1742 | 0.1936 |
|               | 0.2135 | 0.2339 | 0.2548 | 0.2761 | 0.2979 |
|               | 0.3201 | 0.3428 | 0.3659 | 0.3895 | 0.4134 |
|               | 0.4378 | 0.4625 | 0.4877 | 0.5133 | 0.5393 |
|               | 0.5657 | 0.5926 | 0.6201 | 0.6480 | 0.6765 |
|               | 0.7055 | 0.7350 | 0.7650 | 0.7956 | 0.8267 |
|               | 0.8583 | 0.8909 | 0.9248 | 0.9606 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0204 | 0.0408 | 0.0612 | 0.0838 | 0.1127 |
|               | 0.1399 | 0.1657 | 0.1907 | 0.2114 | 0.2314 |
|               | 0.2515 | 0.2783 | 0.3090 | 0.3360 | 0.3527 |
|               | 0.3681 | 0.3790 | 0.3454 | 0.3711 | 0.4013 |
|               | 0.4315 | 0.4614 | 0.4916 | 0.5213 | 0.5507 |
|               | 0.5797 | 0.6087 | 0.6383 | 0.6675 | 0.6965 |
|               | 0.7251 | 0.7534 | 0.7815 | 0.8094 | 0.8367 |
|               | 0.8626 | 0.8863 | 0.9100 | 0.9335 | 0.9570 |
|               | 0.9803 | 1.0035 | 1.0262 | 1.0485 | 1.0708 |
|               | 1.0916 | 1.0909 | 1.0916 | 1.0530 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0325 | 0.0650 | 0.0975 | 0.1263 | 0.1424 |
|               | 0.1586 | 0.1748 | 0.1909 | 0.2108 | 0.2315 |
|               | 0.2522 | 0.2659 | 0.2751 | 0.2868 | 0.3075 |
|               | 0.3589 | 0.4202 | 0.4509 | 0.4702 | 0.4832 |
|               | 0.4956 | 0.5076 | 0.5189 | 0.5302 | 0.5415 |
|               | 0.5528 | 0.5636 | 0.5737 | 0.5838 | 0.5939 |
|               | 0.6039 | 0.6140 | 0.6241 | 0.6342 | 0.6445 |
|               | 0.6557 | 0.6685 | 0.6812 | 0.6940 | 0.7067 |
|               | 0.7194 | 0.7322 | 0.7452 | 0.7585 | 0.7717 |
|               | 0.7860 | 0.8165 | 0.8509 | 0.9279 | 1.0000 |
| Transect A101 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0010 | 0.0042 | 0.0091 | 0.0150 | 0.0217 |
|               | 0.0292 | 0.0372 | 0.0457 | 0.0547 | 0.0642 |
|               | 0.0743 | 0.0848 | 0.0958 | 0.1072 | 0.1192 |
|               | 0.1315 | 0.1444 | 0.1577 | 0.1714 | 0.1856 |
|               | 0.2001 | 0.2149 | 0.2301 | 0.2457 | 0.2617 |
|               | 0.2780 | 0.2947 | 0.3118 | 0.3292 | 0.3470 |
|               | 0.3652 | 0.3838 | 0.4027 | 0.4227 | 0.4461 |
|               | 0.4746 | 0.5042 | 0.5339 | 0.5639 | 0.5947 |
|               | 0.6273 | 0.6618 | 0.6985 | 0.7394 | 0.7812 |
|               | 0.8237 | 0.8669 | 0.9106 | 0.9550 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0228 | 0.0456 | 0.0760 | 0.1086 | 0.1390 |
|               | 0.1705 | 0.2041 | 0.2364 | 0.2677 | 0.2980 |
|               | 0.3276 | 0.3565 | 0.3860 | 0.4150 | 0.4435 |
|               | 0.4716 | 0.4992 | 0.5265 | 0.5534 | 0.5845 |
|               | 0.6164 | 0.6454 | 0.6742 | 0.7026 | 0.7307 |
|               | 0.7586 | 0.7862 | 0.8136 | 0.8408 | 0.8677 |
|               | 0.8945 | 0.9211 | 0.9461 | 0.9483 | 0.9238 |
|               | 0.7291 | 0.7686 | 0.8077 | 0.8467 | 0.8841 |
|               | 0.9183 | 0.9499 | 0.9613 | 0.8062 | 0.8385 |
|               | 0.8706 | 0.9033 | 0.9358 | 0.9680 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0462 | 0.0923 | 0.1208 | 0.1387 | 0.1567 |
|               | 0.1716 | 0.1826 | 0.1936 | 0.2047 | 0.2157 |
|               | 0.2267 | 0.2378 | 0.2479 | 0.2581 | 0.2682 |
|               | 0.2784 | 0.2886 | 0.2987 | 0.3089 | 0.3165 |
|               | 0.3234 | 0.3316 | 0.3399 | 0.3481 | 0.3563 |
|               | 0.3646 | 0.3728 | 0.3810 | 0.3893 | 0.3975 |
|               | 0.4057 | 0.4140 | 0.4228 | 0.4703 | 0.5891 |
|               | 0.6494 | 0.6544 | 0.6593 | 0.6643 | 0.7003 |
|               | 0.7403 | 0.7830 | 0.8510 | 0.9167 | 0.9313 |
|               | 0.9459 | 0.9595 | 0.9730 | 0.9865 | 1.0000 |
| Transect A103 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0019 | 0.0076 | 0.0153 | 0.0236 | 0.0324 |
|               | 0.0418 | 0.0518 | 0.0623 | 0.0733 | 0.0847 |
|               | 0.0966 | 0.1088 | 0.1214 | 0.1344 | 0.1478 |
|               | 0.1616 | 0.1758 | 0.1904 | 0.2054 | 0.2208 |
|               | 0.2366 | 0.2527 | 0.2693 | 0.2863 | 0.3038 |
|               | 0.3216 | 0.3399 | 0.3587 | 0.3778 | 0.3974 |
|               | 0.4175 | 0.4379 | 0.4588 | 0.4802 | 0.5019 |
|               | 0.5241 | 0.5467 | 0.5698 | 0.5937 | 0.6190 |
|               | 0.6458 | 0.6754 | 0.7106 | 0.7501 | 0.7902 |
|               | 0.8307 | 0.8720 | 0.9140 | 0.9566 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0219 | 0.0450 | 0.0841 | 0.1210 | 0.1561 |
|               | 0.1896 | 0.2219 | 0.2530 | 0.2854 | 0.3187 |
|               | 0.3512 | 0.3830 | 0.4142 | 0.4448 | 0.4749 |
|               | 0.5046 | 0.5338 | 0.5626 | 0.5910 | 0.6191 |
|               | 0.6469 | 0.6744 | 0.7006 | 0.7261 | 0.7514 |
|               | 0.7766 | 0.8016 | 0.8264 | 0.8511 | 0.8757 |
|               | 0.9001 | 0.9245 | 0.9487 | 0.9729 | 0.9969 |
|               | 1.0209 | 1.0447 | 1.0654 | 1.0536 | 1.0382 |
|               | 1.0266 | 0.9715 | 0.8843 | 0.8231 | 0.8577 |
|               | 0.8879 | 0.9162 | 0.9444 | 0.9723 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0873 | 0.1701 | 0.1828 | 0.1955 | 0.2082 |
|               | 0.2209 | 0.2336 | 0.2463 | 0.2570 | 0.2660 |
|               | 0.2750 | 0.2841 | 0.2931 | 0.3021 | 0.3112 |
|               | 0.3202 | 0.3292 | 0.3382 | 0.3473 | 0.3563 |
|               | 0.3653 | 0.3744 | 0.3839 | 0.3938 | 0.4037 |
|               | 0.4136 | 0.4235 | 0.4334 | 0.4433 | 0.4532 |

|               |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|
|               | 0.4631 | 0.4729 | 0.4828 | 0.4927 | 0.5026 |
|               | 0.5125 | 0.5224 | 0.5339 | 0.5626 | 0.5954 |
|               | 0.6285 | 0.7360 | 0.8739 | 0.9112 | 0.9211 |
|               | 0.9355 | 0.9516 | 0.9677 | 0.9839 | 1.0000 |
| Transect A109 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0006 | 0.0025 | 0.0057 | 0.0102 | 0.0159 |
|               | 0.0225 | 0.0298 | 0.0377 | 0.0463 | 0.0555 |
|               | 0.0653 | 0.0757 | 0.0866 | 0.0982 | 0.1103 |
|               | 0.1231 | 0.1364 | 0.1504 | 0.1650 | 0.1804 |
|               | 0.1965 | 0.2133 | 0.2308 | 0.2490 | 0.2679 |
|               | 0.2876 | 0.3080 | 0.3292 | 0.3511 | 0.3738 |
|               | 0.3972 | 0.4215 | 0.4469 | 0.4735 | 0.5012 |
|               | 0.5299 | 0.5591 | 0.5887 | 0.6187 | 0.6494 |
|               | 0.6809 | 0.7133 | 0.7466 | 0.7806 | 0.8153 |
|               | 0.8508 | 0.8870 | 0.9239 | 0.9616 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0183 | 0.0367 | 0.0550 | 0.0733 | 0.0939 |
|               | 0.1190 | 0.1429 | 0.1666 | 0.1909 | 0.2144 |
|               | 0.2373 | 0.2597 | 0.2817 | 0.3032 | 0.3245 |
|               | 0.3455 | 0.3663 | 0.3857 | 0.4026 | 0.4196 |
|               | 0.4367 | 0.4546 | 0.4728 | 0.4909 | 0.5091 |
|               | 0.5256 | 0.5423 | 0.5591 | 0.5760 | 0.5930 |
|               | 0.6101 | 0.6220 | 0.6294 | 0.6378 | 0.6471 |
|               | 0.6700 | 0.6965 | 0.7229 | 0.7489 | 0.7743 |
|               | 0.7986 | 0.8173 | 0.8404 | 0.8643 | 0.8878 |
|               | 0.9109 | 0.9337 | 0.9561 | 0.9782 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0329 | 0.0658 | 0.0986 | 0.1315 | 0.1601 |
|               | 0.1785 | 0.1968 | 0.2140 | 0.2293 | 0.2446 |
|               | 0.2598 | 0.2751 | 0.2904 | 0.3057 | 0.3210 |
|               | 0.3363 | 0.3516 | 0.3680 | 0.3869 | 0.4057 |
|               | 0.4246 | 0.4428 | 0.4608 | 0.4788 | 0.4968 |
|               | 0.5164 | 0.5360 | 0.5556 | 0.5752 | 0.5948 |
|               | 0.6144 | 0.6396 | 0.6701 | 0.7006 | 0.7311 |
|               | 0.7465 | 0.7576 | 0.7686 | 0.7826 | 0.8021 |
|               | 0.8220 | 0.8471 | 0.8673 | 0.8863 | 0.9052 |
|               | 0.9242 | 0.9431 | 0.9621 | 0.9810 | 1.0000 |
| Transect A113 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0010 | 0.0035 | 0.0067 | 0.0107 | 0.0154 |
|               | 0.0208 | 0.0270 | 0.0339 | 0.0415 | 0.0500 |
|               | 0.0592 | 0.0690 | 0.0793 | 0.0902 | 0.1016 |
|               | 0.1136 | 0.1261 | 0.1392 | 0.1528 | 0.1670 |
|               | 0.1818 | 0.1971 | 0.2140 | 0.2342 | 0.2555 |
|               | 0.2776 | 0.3006 | 0.3244 | 0.3489 | 0.3737 |
|               | 0.3987 | 0.4240 | 0.4498 | 0.4761 | 0.5030 |
|               | 0.5307 | 0.5593 | 0.5902 | 0.6216 | 0.6534 |
|               | 0.6857 | 0.7184 | 0.7516 | 0.7854 | 0.8198 |
|               | 0.8548 | 0.8904 | 0.9264 | 0.9630 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0189 | 0.0455 | 0.0703 | 0.0931 | 0.1147 |
|               | 0.1361 | 0.1560 | 0.1751 | 0.1941 | 0.2131 |
|               | 0.2342 | 0.2585 | 0.2818 | 0.3048 | 0.3273 |
|               | 0.3495 | 0.3713 | 0.3925 | 0.4135 | 0.4343 |
|               | 0.4550 | 0.4694 | 0.4639 | 0.4241 | 0.4433 |
|               | 0.4635 | 0.4840 | 0.5044 | 0.5326 | 0.5652 |
|               | 0.5975 | 0.6224 | 0.6468 | 0.6709 | 0.6926 |
|               | 0.7057 | 0.7034 | 0.7077 | 0.7348 | 0.7617 |
|               | 0.7884 | 0.8138 | 0.8358 | 0.8576 | 0.8793 |
|               | 0.9025 | 0.9255 | 0.9484 | 0.9729 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0524 | 0.0777 | 0.0972 | 0.1167 | 0.1363 |
|               | 0.1553 | 0.1753 | 0.1962 | 0.2171 | 0.2380 |
|               | 0.2565 | 0.2708 | 0.2854 | 0.3001 | 0.3148 |
|               | 0.3295 | 0.3443 | 0.3594 | 0.3746 | 0.3897 |
|               | 0.4049 | 0.4256 | 0.5056 | 0.5599 | 0.5843 |
|               | 0.6073 | 0.6297 | 0.6521 | 0.6638 | 0.6693 |
|               | 0.6747 | 0.6882 | 0.7020 | 0.7158 | 0.7320 |
|               | 0.7575 | 0.8007 | 0.8395 | 0.8509 | 0.8623 |
|               | 0.8737 | 0.8862 | 0.9024 | 0.9186 | 0.9347 |
|               | 0.9491 | 0.9635 | 0.9779 | 0.9903 | 1.0000 |
| Transect A114 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0028 | 0.0095 | 0.0168 | 0.0246 | 0.0327 |
|               | 0.0413 | 0.0503 | 0.0598 | 0.0697 | 0.0800 |
|               | 0.0908 | 0.1020 | 0.1136 | 0.1257 | 0.1382 |
|               | 0.1515 | 0.1655 | 0.1802 | 0.1956 | 0.2117 |
|               | 0.2285 | 0.2465 | 0.2659 | 0.2864 | 0.3077 |
|               | 0.3295 | 0.3518 | 0.3747 | 0.3980 | 0.4219 |
|               | 0.4463 | 0.4712 | 0.4966 | 0.5224 | 0.5484 |
|               | 0.5748 | 0.6016 | 0.6288 | 0.6563 | 0.6842 |
|               | 0.7125 | 0.7411 | 0.7701 | 0.8000 | 0.8308 |
|               | 0.8627 | 0.8955 | 0.9293 | 0.9641 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0187 | 0.0502 | 0.0835 | 0.1151 | 0.1454 |
|               | 0.1745 | 0.2025 | 0.2298 | 0.2562 | 0.2820 |
|               | 0.3073 | 0.3320 | 0.3562 | 0.3801 | 0.3973 |
|               | 0.4129 | 0.4288 | 0.4448 | 0.4610 | 0.4775 |
|               | 0.4892 | 0.4907 | 0.4944 | 0.5067 | 0.5310 |
|               | 0.5550 | 0.5788 | 0.6024 | 0.6257 | 0.6488 |
|               | 0.6718 | 0.6945 | 0.7209 | 0.7480 | 0.7734 |
|               | 0.7986 | 0.8235 | 0.8482 | 0.8727 | 0.8970 |
|               | 0.9211 | 0.9449 | 0.9631 | 0.9670 | 0.9718 |
|               | 0.9775 | 0.9847 | 0.9926 | 1.0010 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.1519 | 0.1934 | 0.2052 | 0.2171 | 0.2289 |
|               | 0.2407 | 0.2526 | 0.2644 | 0.2762 | 0.2881 |
|               | 0.2999 | 0.3118 | 0.3236 | 0.3354 | 0.3529 |
|               | 0.3722 | 0.3915 | 0.4109 | 0.4303 | 0.4497 |

|               |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|
|               | 0.4740 | 0.5099 | 0.5457 | 0.5738 | 0.5881 |
|               | 0.6024 | 0.6167 | 0.6310 | 0.6454 | 0.6597 |
|               | 0.6740 | 0.6883 | 0.6982 | 0.7068 | 0.7169 |
|               | 0.7269 | 0.7370 | 0.7470 | 0.7570 | 0.7671 |
|               | 0.7771 | 0.7872 | 0.8019 | 0.8293 | 0.8566 |
|               | 0.8838 | 0.9103 | 0.9368 | 0.9633 | 1.0000 |
| Transect A116 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0004 | 0.0017 | 0.0038 | 0.0068 | 0.0106 |
|               | 0.0149 | 0.0198 | 0.0254 | 0.0315 | 0.0382 |
|               | 0.0455 | 0.0532 | 0.0614 | 0.0698 | 0.0786 |
|               | 0.0876 | 0.0970 | 0.1066 | 0.1165 | 0.1267 |
|               | 0.1372 | 0.1480 | 0.1591 | 0.1705 | 0.1841 |
|               | 0.1992 | 0.2151 | 0.2317 | 0.2491 | 0.2673 |
|               | 0.2883 | 0.3124 | 0.3384 | 0.3665 | 0.3964 |
|               | 0.4283 | 0.4617 | 0.4958 | 0.5307 | 0.5663 |
|               | 0.6042 | 0.6444 | 0.6858 | 0.7279 | 0.7708 |
|               | 0.8146 | 0.8593 | 0.9048 | 0.9514 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0248 | 0.0495 | 0.0743 | 0.0991 | 0.1297 |
|               | 0.1595 | 0.1881 | 0.2160 | 0.2433 | 0.2701 |
|               | 0.2966 | 0.3310 | 0.3650 | 0.4011 | 0.4365 |
|               | 0.4711 | 0.5052 | 0.5386 | 0.5715 | 0.6040 |
|               | 0.6360 | 0.6676 | 0.6988 | 0.7297 | 0.7500 |
|               | 0.7665 | 0.7840 | 0.8020 | 0.8149 | 0.8228 |
|               | 0.8252 | 0.8245 | 0.8203 | 0.8165 | 0.8151 |
|               | 0.8160 | 0.6861 | 0.7192 | 0.7519 | 0.7843 |
|               | 0.7543 | 0.7812 | 0.8100 | 0.8455 | 0.8790 |
|               | 0.9122 | 0.9452 | 0.9779 | 0.9917 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0172 | 0.0345 | 0.0517 | 0.0690 | 0.0815 |
|               | 0.0935 | 0.1054 | 0.1173 | 0.1292 | 0.1412 |
|               | 0.1531 | 0.1606 | 0.1679 | 0.1738 | 0.1796 |
|               | 0.1855 | 0.1914 | 0.1973 | 0.2032 | 0.2091 |
|               | 0.2150 | 0.2209 | 0.2267 | 0.2326 | 0.2394 |
|               | 0.3137 | 0.3280 | 0.3423 | 0.3586 | 0.3769 |
|               | 0.4660 | 0.5055 | 0.5464 | 0.5853 | 0.6242 |
|               | 0.6631 | 0.6811 | 0.6963 | 0.7115 | 0.7267 |
|               | 0.8000 | 0.8228 | 0.8436 | 0.8582 | 0.8753 |
|               | 0.8925 | 0.9097 | 0.9268 | 0.9605 | 1.0000 |
| Transect A16  |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0011 | 0.0048 | 0.0125 | 0.0220 | 0.0320 |
|               | 0.0425 | 0.0534 | 0.0649 | 0.0769 | 0.0894 |
|               | 0.1028 | 0.1169 | 0.1318 | 0.1475 | 0.1640 |
|               | 0.1815 | 0.2000 | 0.2192 | 0.2391 | 0.2596 |
|               | 0.2807 | 0.3024 | 0.3248 | 0.3477 | 0.3708 |
|               | 0.3941 | 0.4175 | 0.4412 | 0.4650 | 0.4890 |
|               | 0.5132 | 0.5375 | 0.5619 | 0.5865 | 0.6113 |
|               | 0.6362 | 0.6612 | 0.6864 | 0.7117 | 0.7372 |
|               | 0.7628 | 0.7885 | 0.8144 | 0.8405 | 0.8667 |
|               | 0.8930 | 0.9195 | 0.9461 | 0.9728 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0139 | 0.0261 | 0.0378 | 0.0631 | 0.0872 |
|               | 0.1105 | 0.1329 | 0.1546 | 0.1757 | 0.1924 |
|               | 0.2086 | 0.2246 | 0.2404 | 0.2551 | 0.2682 |
|               | 0.2816 | 0.2950 | 0.3120 | 0.3301 | 0.3479 |
|               | 0.3654 | 0.3828 | 0.4000 | 0.4208 | 0.4450 |
|               | 0.4691 | 0.4930 | 0.5167 | 0.5403 | 0.5636 |
|               | 0.5874 | 0.6113 | 0.6350 | 0.6586 | 0.6821 |
|               | 0.7054 | 0.7286 | 0.7516 | 0.7746 | 0.7974 |
|               | 0.8201 | 0.8426 | 0.8651 | 0.8874 | 0.9096 |
|               | 0.9317 | 0.9537 | 0.9756 | 0.9973 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0802 | 0.2058 | 0.3363 | 0.3541 | 0.3719 |
|               | 0.3898 | 0.4076 | 0.4254 | 0.4433 | 0.4711 |
|               | 0.4992 | 0.5274 | 0.5555 | 0.5857 | 0.6198 |
|               | 0.6534 | 0.6868 | 0.7120 | 0.7342 | 0.7563 |
|               | 0.7785 | 0.8006 | 0.8228 | 0.8370 | 0.8435 |
|               | 0.8499 | 0.8564 | 0.8629 | 0.8694 | 0.8759 |
|               | 0.8815 | 0.8867 | 0.8919 | 0.8971 | 0.9024 |
|               | 0.9076 | 0.9128 | 0.9180 | 0.9233 | 0.9285 |
|               | 0.9337 | 0.9389 | 0.9442 | 0.9494 | 0.9546 |
|               | 0.9598 | 0.9651 | 0.9703 | 0.9756 | 1.0000 |
| Transect A25  |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0069 | 0.0156 | 0.0246 | 0.0340 | 0.0439 |
|               | 0.0541 | 0.0648 | 0.0759 | 0.0874 | 0.0993 |
|               | 0.1116 | 0.1243 | 0.1374 | 0.1510 | 0.1649 |
|               | 0.1793 | 0.1941 | 0.2093 | 0.2249 | 0.2409 |
|               | 0.2573 | 0.2742 | 0.2915 | 0.3093 | 0.3278 |
|               | 0.3468 | 0.3664 | 0.3866 | 0.4074 | 0.4288 |
|               | 0.4508 | 0.4733 | 0.4965 | 0.5203 | 0.5447 |
|               | 0.5698 | 0.5955 | 0.6220 | 0.6491 | 0.6770 |
|               | 0.7055 | 0.7347 | 0.7646 | 0.7952 | 0.8265 |
|               | 0.8584 | 0.8915 | 0.9261 | 0.9623 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0316 | 0.0675 | 0.1019 | 0.1350 | 0.1670 |
|               | 0.1979 | 0.2280 | 0.2573 | 0.2858 | 0.3137 |
|               | 0.3410 | 0.3678 | 0.3942 | 0.4201 | 0.4456 |
|               | 0.4707 | 0.4955 | 0.5199 | 0.5438 | 0.5675 |
|               | 0.5910 | 0.6142 | 0.6359 | 0.6527 | 0.6696 |
|               | 0.6867 | 0.7039 | 0.7212 | 0.7386 | 0.7561 |
|               | 0.7737 | 0.7914 | 0.8091 | 0.8269 | 0.8422 |
|               | 0.8571 | 0.8723 | 0.8876 | 0.9032 | 0.9189 |
|               | 0.9348 | 0.9508 | 0.9670 | 0.9833 | 0.9997 |
|               | 1.0139 | 1.0082 | 1.0004 | 0.9949 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.2198 | 0.2306 | 0.2413 | 0.2521 | 0.2628 |
|               | 0.2735 | 0.2843 | 0.2950 | 0.3057 | 0.3165 |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
|              | 0.3272 | 0.3379 | 0.3487 | 0.3594 | 0.3702 |
|              | 0.3809 | 0.3916 | 0.4025 | 0.4135 | 0.4244 |
|              | 0.4354 | 0.4464 | 0.4583 | 0.4738 | 0.4893 |
|              | 0.5049 | 0.5204 | 0.5359 | 0.5514 | 0.5669 |
|              | 0.5825 | 0.5980 | 0.6135 | 0.6290 | 0.6466 |
|              | 0.6646 | 0.6826 | 0.7006 | 0.7186 | 0.7366 |
|              | 0.7546 | 0.7726 | 0.7906 | 0.8086 | 0.8266 |
|              | 0.8465 | 0.8842 | 0.9257 | 0.9672 | 1.0000 |
| Transect A36 |        |        |        |        |        |
| Area:        | 0.0014 | 0.0049 | 0.0097 | 0.0158 | 0.0227 |
|              | 0.0302 | 0.0381 | 0.0468 | 0.0582 | 0.0717 |
|              | 0.0868 | 0.1026 | 0.1188 | 0.1354 | 0.1525 |
|              | 0.1701 | 0.1881 | 0.2066 | 0.2255 | 0.2449 |
|              | 0.2648 | 0.2851 | 0.3058 | 0.3269 | 0.3484 |
|              | 0.3704 | 0.3927 | 0.4155 | 0.4386 | 0.4621 |
|              | 0.4860 | 0.5102 | 0.5348 | 0.5598 | 0.5851 |
|              | 0.6108 | 0.6368 | 0.6631 | 0.6898 | 0.7167 |
|              | 0.7440 | 0.7716 | 0.7995 | 0.8277 | 0.8562 |
|              | 0.8848 | 0.9134 | 0.9422 | 0.9710 | 1.0000 |
| Hrad:        | 0.0147 | 0.0345 | 0.0517 | 0.0685 | 0.0918 |
|              | 0.1144 | 0.1360 | 0.1552 | 0.1673 | 0.1780 |
|              | 0.1624 | 0.1864 | 0.2100 | 0.2330 | 0.2554 |
|              | 0.2773 | 0.2989 | 0.3201 | 0.3410 | 0.3616 |
|              | 0.3827 | 0.4037 | 0.4244 | 0.4448 | 0.4650 |
|              | 0.4851 | 0.5049 | 0.5253 | 0.5458 | 0.5661 |
|              | 0.5863 | 0.6063 | 0.6261 | 0.6457 | 0.6653 |
|              | 0.6850 | 0.7056 | 0.7261 | 0.7464 | 0.7665 |
|              | 0.7866 | 0.8065 | 0.8263 | 0.8460 | 0.8710 |
|              | 0.8969 | 0.9228 | 0.9486 | 0.9744 | 1.0000 |
| Width:       | 0.0973 | 0.1425 | 0.1877 | 0.2305 | 0.2479 |
|              | 0.2639 | 0.2799 | 0.3451 | 0.4309 | 0.4991 |
|              | 0.5350 | 0.5505 | 0.5659 | 0.5813 | 0.5973 |
|              | 0.6134 | 0.6294 | 0.6455 | 0.6615 | 0.6776 |
|              | 0.6921 | 0.7064 | 0.7208 | 0.7351 | 0.7494 |
|              | 0.7637 | 0.7780 | 0.7911 | 0.8038 | 0.8164 |
|              | 0.8290 | 0.8417 | 0.8543 | 0.8669 | 0.8796 |
|              | 0.8917 | 0.9026 | 0.9134 | 0.9243 | 0.9351 |
|              | 0.9460 | 0.9568 | 0.9677 | 0.9785 | 0.9831 |
|              | 0.9865 | 0.9898 | 0.9932 | 0.9966 | 1.0000 |
| Transect A50 |        |        |        |        |        |
| Area:        | 0.0020 | 0.0078 | 0.0169 | 0.0267 | 0.0369 |
|              | 0.0476 | 0.0587 | 0.0703 | 0.0824 | 0.0950 |
|              | 0.1080 | 0.1215 | 0.1354 | 0.1498 | 0.1647 |
|              | 0.1800 | 0.1958 | 0.2120 | 0.2288 | 0.2460 |
|              | 0.2636 | 0.2818 | 0.3005 | 0.3196 | 0.3393 |
|              | 0.3595 | 0.3802 | 0.4013 | 0.4230 | 0.4452 |
|              | 0.4678 | 0.4910 | 0.5147 | 0.5388 | 0.5635 |
|              | 0.5887 | 0.6144 | 0.6408 | 0.6678 | 0.6952 |
|              | 0.7230 | 0.7513 | 0.7799 | 0.8090 | 0.8385 |
|              | 0.8684 | 0.8988 | 0.9308 | 0.9647 | 1.0000 |
| Hrad:        | 0.0181 | 0.0362 | 0.0642 | 0.0966 | 0.1277 |
|              | 0.1576 | 0.1866 | 0.2147 | 0.2420 | 0.2687 |
|              | 0.2947 | 0.3202 | 0.3452 | 0.3698 | 0.3940 |
|              | 0.4177 | 0.4412 | 0.4643 | 0.4870 | 0.5092 |
|              | 0.5311 | 0.5523 | 0.5733 | 0.5941 | 0.6148 |
|              | 0.6354 | 0.6558 | 0.6762 | 0.6964 | 0.7165 |
|              | 0.7365 | 0.7565 | 0.7764 | 0.7961 | 0.8159 |
|              | 0.8355 | 0.8507 | 0.8652 | 0.8845 | 0.9062 |
|              | 0.9278 | 0.9492 | 0.9705 | 0.9917 | 1.0127 |
|              | 1.0336 | 1.0387 | 1.0111 | 0.9916 | 1.0000 |
| Width:       | 0.1094 | 0.2187 | 0.2663 | 0.2792 | 0.2922 |
|              | 0.3052 | 0.3181 | 0.3311 | 0.3441 | 0.3571 |
|              | 0.3700 | 0.3830 | 0.3960 | 0.4089 | 0.4219 |
|              | 0.4349 | 0.4478 | 0.4608 | 0.4739 | 0.4873 |
|              | 0.5008 | 0.5147 | 0.5287 | 0.5426 | 0.5566 |
|              | 0.5706 | 0.5846 | 0.5985 | 0.6125 | 0.6265 |
|              | 0.6404 | 0.6544 | 0.6684 | 0.6823 | 0.6963 |
|              | 0.7103 | 0.7280 | 0.7466 | 0.7606 | 0.7722 |
|              | 0.7837 | 0.7952 | 0.8067 | 0.8182 | 0.8298 |
|              | 0.8413 | 0.8659 | 0.9211 | 0.9733 | 1.0000 |
| Transect A57 |        |        |        |        |        |
| Area:        | 0.0025 | 0.0100 | 0.0195 | 0.0296 | 0.0402 |
|              | 0.0514 | 0.0631 | 0.0753 | 0.0881 | 0.1014 |
|              | 0.1153 | 0.1297 | 0.1446 | 0.1601 | 0.1761 |
|              | 0.1927 | 0.2098 | 0.2274 | 0.2455 | 0.2641 |
|              | 0.2831 | 0.3023 | 0.3218 | 0.3416 | 0.3617 |
|              | 0.3821 | 0.4027 | 0.4237 | 0.4449 | 0.4665 |
|              | 0.4883 | 0.5105 | 0.5332 | 0.5562 | 0.5797 |
|              | 0.6036 | 0.6279 | 0.6526 | 0.6778 | 0.7033 |
|              | 0.7293 | 0.7559 | 0.7835 | 0.8121 | 0.8417 |
|              | 0.8722 | 0.9033 | 0.9350 | 0.9672 | 1.0000 |
| Hrad:        | 0.0169 | 0.0365 | 0.0673 | 0.0967 | 0.1247 |
|              | 0.1518 | 0.1778 | 0.2031 | 0.2277 | 0.2516 |
|              | 0.2751 | 0.2980 | 0.3205 | 0.3426 | 0.3643 |
|              | 0.3861 | 0.4078 | 0.4293 | 0.4506 | 0.4738 |
|              | 0.4995 | 0.5249 | 0.5499 | 0.5747 | 0.5992 |
|              | 0.6234 | 0.6474 | 0.6711 | 0.6946 | 0.7179 |
|              | 0.7395 | 0.7582 | 0.7768 | 0.7953 | 0.8138 |
|              | 0.8321 | 0.8504 | 0.8685 | 0.8867 | 0.9047 |
|              | 0.9227 | 0.9240 | 0.9240 | 0.9252 | 0.9273 |
|              | 0.9359 | 0.9519 | 0.9679 | 0.9840 | 1.0000 |
| Width:       |        |        |        |        |        |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
|              | 0.1525 | 0.2798 | 0.2962 | 0.3127 | 0.3291 |
|              | 0.3455 | 0.3619 | 0.3783 | 0.3947 | 0.4111 |
|              | 0.4275 | 0.4439 | 0.4603 | 0.4767 | 0.4932 |
|              | 0.5091 | 0.5246 | 0.5402 | 0.5557 | 0.5682 |
|              | 0.5769 | 0.5857 | 0.5944 | 0.6032 | 0.6119 |
|              | 0.6207 | 0.6294 | 0.6382 | 0.6469 | 0.6556 |
|              | 0.6658 | 0.6784 | 0.6910 | 0.7036 | 0.7162 |
|              | 0.7288 | 0.7415 | 0.7541 | 0.7667 | 0.7793 |
|              | 0.7919 | 0.8195 | 0.8493 | 0.8792 | 0.9090 |
|              | 0.9331 | 0.9498 | 0.9665 | 0.9833 | 1.0000 |
| Transect A70 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
|              | 0.0002 | 0.0007 | 0.0015 | 0.0027 | 0.0051 |
|              | 0.0099 | 0.0173 | 0.0278 | 0.0433 | 0.0599 |
|              | 0.0768 | 0.0939 | 0.1114 | 0.1291 | 0.1472 |
|              | 0.1657 | 0.1846 | 0.2038 | 0.2233 | 0.2431 |
|              | 0.2632 | 0.2836 | 0.3044 | 0.3256 | 0.3471 |
|              | 0.3690 | 0.3911 | 0.4135 | 0.4363 | 0.4593 |
|              | 0.4826 | 0.5063 | 0.5303 | 0.5546 | 0.5793 |
|              | 0.6045 | 0.6303 | 0.6571 | 0.6846 | 0.7124 |
|              | 0.7404 | 0.7685 | 0.7968 | 0.8253 | 0.8540 |
|              | 0.8828 | 0.9118 | 0.9409 | 0.9702 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0153 | 0.0305 | 0.0458 | 0.0610 | 0.0635 |
|              | 0.0641 | 0.0718 | 0.0807 | 0.0801 | 0.1091 |
|              | 0.1376 | 0.1656 | 0.1927 | 0.2194 | 0.2442 |
|              | 0.2682 | 0.2940 | 0.3194 | 0.3446 | 0.3697 |
|              | 0.3945 | 0.4163 | 0.4378 | 0.4607 | 0.4833 |
|              | 0.5066 | 0.5298 | 0.5526 | 0.5750 | 0.5972 |
|              | 0.6188 | 0.6401 | 0.6609 | 0.6812 | 0.6990 |
|              | 0.7134 | 0.7278 | 0.7253 | 0.7441 | 0.7684 |
|              | 0.7932 | 0.8177 | 0.8422 | 0.8671 | 0.8920 |
|              | 0.9168 | 0.9414 | 0.9660 | 0.9835 | 1.0000 |
| Width:       |        |        |        |        |        |
|              | 0.0114 | 0.0229 | 0.0343 | 0.0457 | 0.1145 |
|              | 0.2010 | 0.2939 | 0.4215 | 0.5507 | 0.5591 |
|              | 0.5676 | 0.5763 | 0.5866 | 0.5969 | 0.6111 |
|              | 0.6262 | 0.6360 | 0.6459 | 0.6555 | 0.6647 |
|              | 0.6740 | 0.6879 | 0.7018 | 0.7131 | 0.7243 |
|              | 0.7341 | 0.7438 | 0.7536 | 0.7637 | 0.7738 |
|              | 0.7845 | 0.7952 | 0.8064 | 0.8180 | 0.8324 |
|              | 0.8510 | 0.8695 | 0.9098 | 0.9238 | 0.9304 |
|              | 0.9364 | 0.9424 | 0.9484 | 0.9538 | 0.9589 |
|              | 0.9641 | 0.9692 | 0.9744 | 0.9867 | 1.0000 |
| Transect A72 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
|              | 0.0004 | 0.0015 | 0.0034 | 0.0060 | 0.0094 |
|              | 0.0135 | 0.0184 | 0.0244 | 0.0330 | 0.0429 |
|              | 0.0541 | 0.0665 | 0.0801 | 0.0947 | 0.1101 |
|              | 0.1260 | 0.1424 | 0.1594 | 0.1769 | 0.1950 |
|              | 0.2135 | 0.2325 | 0.2518 | 0.2716 | 0.2917 |
|              | 0.3122 | 0.3331 | 0.3544 | 0.3761 | 0.3986 |
|              | 0.4223 | 0.4474 | 0.4739 | 0.5016 | 0.5302 |
|              | 0.5595 | 0.5892 | 0.6191 | 0.6493 | 0.6798 |
|              | 0.7105 | 0.7415 | 0.7727 | 0.8042 | 0.8360 |
|              | 0.8681 | 0.9005 | 0.9333 | 0.9664 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0170 | 0.0340 | 0.0510 | 0.0680 | 0.0850 |
|              | 0.1020 | 0.1190 | 0.1122 | 0.1207 | 0.1384 |
|              | 0.1560 | 0.1739 | 0.1934 | 0.2129 | 0.2390 |
|              | 0.2646 | 0.2896 | 0.3141 | 0.3381 | 0.3617 |
|              | 0.3871 | 0.4128 | 0.4382 | 0.4632 | 0.4879 |
|              | 0.5124 | 0.5365 | 0.5604 | 0.5797 | 0.5871 |
|              | 0.5881 | 0.5892 | 0.5949 | 0.6017 | 0.6215 |
|              | 0.6428 | 0.6706 | 0.6983 | 0.7257 | 0.7530 |
|              | 0.7800 | 0.8069 | 0.8335 | 0.8600 | 0.8863 |
|              | 0.9103 | 0.9329 | 0.9554 | 0.9778 | 1.0000 |
| Width:       |        |        |        |        |        |
|              | 0.0223 | 0.0446 | 0.0669 | 0.0892 | 0.1115 |
|              | 0.1338 | 0.1560 | 0.2193 | 0.2756 | 0.3125 |
|              | 0.3494 | 0.3854 | 0.4171 | 0.4481 | 0.4639 |
|              | 0.4797 | 0.4955 | 0.5113 | 0.5271 | 0.5429 |
|              | 0.5556 | 0.5672 | 0.5788 | 0.5903 | 0.6019 |
|              | 0.6135 | 0.6251 | 0.6366 | 0.6532 | 0.6836 |
|              | 0.7230 | 0.7647 | 0.8021 | 0.8394 | 0.8587 |
|              | 0.8757 | 0.8834 | 0.8911 | 0.8988 | 0.9065 |
|              | 0.9142 | 0.9219 | 0.9296 | 0.9373 | 0.9450 |
|              | 0.9550 | 0.9663 | 0.9775 | 0.9888 | 1.0000 |
| Transect A80 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
|              | 0.0012 | 0.0046 | 0.0105 | 0.0182 | 0.0264 |
|              | 0.0351 | 0.0441 | 0.0536 | 0.0635 | 0.0739 |
|              | 0.0846 | 0.0958 | 0.1074 | 0.1193 | 0.1318 |
|              | 0.1446 | 0.1578 | 0.1713 | 0.1853 | 0.1997 |
|              | 0.2144 | 0.2296 | 0.2451 | 0.2610 | 0.2774 |
|              | 0.2943 | 0.3115 | 0.3293 | 0.3474 | 0.3660 |
|              | 0.3851 | 0.4045 | 0.4246 | 0.4452 | 0.4663 |
|              | 0.4881 | 0.5103 | 0.5333 | 0.5573 | 0.5824 |
|              | 0.6085 | 0.6378 | 0.6779 | 0.7213 | 0.7656 |
|              | 0.8106 | 0.8565 | 0.9033 | 0.9512 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0248 | 0.0497 | 0.0745 | 0.1123 | 0.1550 |
|              | 0.1959 | 0.2352 | 0.2732 | 0.3100 | 0.3459 |
|              | 0.3808 | 0.4149 | 0.4483 | 0.4810 | 0.5134 |
|              | 0.5462 | 0.5785 | 0.6103 | 0.6416 | 0.6726 |
|              | 0.7032 | 0.7334 | 0.7623 | 0.7897 | 0.8168 |
|              | 0.8438 | 0.8707 | 0.8974 | 0.9241 | 0.9506 |
|              | 0.9770 | 1.0011 | 1.0214 | 1.0420 | 1.0628 |
|              | 1.0837 | 1.1049 | 1.1126 | 1.1112 | 1.1120 |
|              | 1.1148 | 0.8397 | 0.7821 | 0.8106 | 0.8453 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
|        | 0.8796 | 0.9116 | 0.9413 | 0.9707 | 1.0000 |
| Width: |        |        |        |        |        |
|        | 0.0471 | 0.0942 | 0.1413 | 0.1628 | 0.1712 |
|        | 0.1797 | 0.1881 | 0.1966 | 0.2050 | 0.2135 |
|        | 0.2220 | 0.2304 | 0.2389 | 0.2473 | 0.2556 |
|        | 0.2635 | 0.2713 | 0.2792 | 0.2870 | 0.2949 |
|        | 0.3027 | 0.3106 | 0.3189 | 0.3278 | 0.3367 |
|        | 0.3457 | 0.3546 | 0.3635 | 0.3724 | 0.3814 |
|        | 0.3903 | 0.4001 | 0.4116 | 0.4231 | 0.4345 |
|        | 0.4460 | 0.4575 | 0.4749 | 0.4972 | 0.5195 |
|        | 0.5418 | 0.7575 | 0.8656 | 0.8889 | 0.9049 |
|        | 0.9209 | 0.9390 | 0.9593 | 0.9797 | 1.0000 |

Transect A81

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

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

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

Transect A85

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

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

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

Transect A87

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

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: |        |        |        |        |        |
|       | 0.0163 | 0.0327 | 0.0511 | 0.0723 | 0.0921 |
|       | 0.1125 | 0.1330 | 0.1527 | 0.1720 | 0.1915 |
|       | 0.2126 | 0.2331 | 0.2532 | 0.2730 | 0.2956 |
|       | 0.3207 | 0.3454 | 0.3697 | 0.3936 | 0.4173 |
|       | 0.4408 | 0.4642 | 0.4874 | 0.5103 | 0.5329 |
|       | 0.5554 | 0.5786 | 0.6017 | 0.6245 | 0.6472 |
|       | 0.6696 | 0.6919 | 0.7132 | 0.7342 | 0.7551 |

|                       |        |        |        |        |        |
|-----------------------|--------|--------|--------|--------|--------|
| Width:                | 0.7758 | 0.7964 | 0.8165 | 0.8348 | 0.8530 |
|                       | 0.8711 | 0.8892 | 0.9065 | 0.9218 | 0.9372 |
|                       | 0.9527 | 0.9672 | 0.9779 | 0.9888 | 1.0000 |
|                       | 0.0631 | 0.1263 | 0.1811 | 0.2180 | 0.2550 |
|                       | 0.2880 | 0.3181 | 0.3481 | 0.3782 | 0.4066 |
|                       | 0.4307 | 0.4547 | 0.4788 | 0.5028 | 0.5210 |
|                       | 0.5341 | 0.5470 | 0.5599 | 0.5728 | 0.5857 |
|                       | 0.5983 | 0.6106 | 0.6230 | 0.6353 | 0.6476 |
|                       | 0.6599 | 0.6709 | 0.6819 | 0.6928 | 0.7038 |
|                       | 0.7148 | 0.7258 | 0.7376 | 0.7496 | 0.7615 |
| Transect A89<br>Area: | 0.7735 | 0.7854 | 0.7977 | 0.8117 | 0.8257 |
|                       | 0.8398 | 0.8538 | 0.8685 | 0.8851 | 0.9017 |
|                       | 0.9183 | 0.9358 | 0.9572 | 0.9786 | 1.0000 |
|                       | 0.0005 | 0.0018 | 0.0041 | 0.0073 | 0.0114 |
|                       | 0.0171 | 0.0254 | 0.0350 | 0.0458 | 0.0576 |
|                       | 0.0703 | 0.0839 | 0.0984 | 0.1138 | 0.1303 |
|                       | 0.1477 | 0.1657 | 0.1841 | 0.2031 | 0.2225 |
|                       | 0.2422 | 0.2623 | 0.2828 | 0.3037 | 0.3249 |
|                       | 0.3465 | 0.3685 | 0.3909 | 0.4136 | 0.4368 |
|                       | 0.4603 | 0.4842 | 0.5086 | 0.5335 | 0.5588 |
| Hrad:                 | 0.5846 | 0.6108 | 0.6375 | 0.6646 | 0.6922 |
|                       | 0.7202 | 0.7487 | 0.7777 | 0.8074 | 0.8376 |
|                       | 0.8685 | 0.9001 | 0.9324 | 0.9655 | 1.0000 |
|                       | 0.0176 | 0.0352 | 0.0528 | 0.0703 | 0.0882 |
|                       | 0.0784 | 0.1002 | 0.1209 | 0.1424 | 0.1656 |
|                       | 0.1881 | 0.2099 | 0.2312 | 0.2515 | 0.2703 |
|                       | 0.2933 | 0.3201 | 0.3464 | 0.3723 | 0.3999 |
|                       | 0.4274 | 0.4545 | 0.4813 | 0.5077 | 0.5339 |
|                       | 0.5594 | 0.5845 | 0.6094 | 0.6340 | 0.6584 |
|                       | 0.6826 | 0.7048 | 0.7265 | 0.7480 | 0.7693 |
| Width:                | 0.7906 | 0.8122 | 0.8337 | 0.8552 | 0.8765 |
|                       | 0.8977 | 0.9154 | 0.9317 | 0.9481 | 0.9645 |
|                       | 0.9781 | 0.9914 | 1.0049 | 1.0056 | 1.0000 |
|                       | 0.0259 | 0.0517 | 0.0776 | 0.1034 | 0.1288 |
|                       | 0.2185 | 0.2541 | 0.2897 | 0.3217 | 0.3477 |
|                       | 0.3737 | 0.3997 | 0.4257 | 0.4528 | 0.4821 |
|                       | 0.5037 | 0.5176 | 0.5316 | 0.5455 | 0.5563 |
|                       | 0.5667 | 0.5772 | 0.5876 | 0.5981 | 0.6085 |
|                       | 0.6194 | 0.6303 | 0.6413 | 0.6523 | 0.6632 |
|                       | 0.6742 | 0.6869 | 0.7000 | 0.7131 | 0.7262 |
| Transect A91<br>Area: | 0.7393 | 0.7519 | 0.7645 | 0.7770 | 0.7895 |
|                       | 0.8021 | 0.8177 | 0.8345 | 0.8514 | 0.8683 |
|                       | 0.8878 | 0.9078 | 0.9277 | 0.9601 | 1.0000 |
|                       | 0.0066 | 0.0151 | 0.0241 | 0.0337 | 0.0438 |
|                       | 0.0545 | 0.0658 | 0.0776 | 0.0899 | 0.1028 |
|                       | 0.1163 | 0.1303 | 0.1448 | 0.1599 | 0.1756 |
|                       | 0.1918 | 0.2084 | 0.2254 | 0.2426 | 0.2603 |
|                       | 0.2782 | 0.2965 | 0.3151 | 0.3340 | 0.3532 |
|                       | 0.3729 | 0.3930 | 0.4135 | 0.4345 | 0.4559 |
|                       | 0.4778 | 0.5001 | 0.5229 | 0.5461 | 0.5699 |
| Hrad:                 | 0.5942 | 0.6190 | 0.6443 | 0.6702 | 0.6967 |
|                       | 0.7237 | 0.7513 | 0.7795 | 0.8084 | 0.8380 |
|                       | 0.8682 | 0.8990 | 0.9311 | 0.9647 | 1.0000 |
|                       | 0.0311 | 0.0668 | 0.1004 | 0.1324 | 0.1629 |
|                       | 0.1923 | 0.2207 | 0.2482 | 0.2750 | 0.3010 |
|                       | 0.3266 | 0.3516 | 0.3761 | 0.3997 | 0.4228 |
|                       | 0.4476 | 0.4750 | 0.5018 | 0.5281 | 0.5540 |
|                       | 0.5795 | 0.6046 | 0.6293 | 0.6536 | 0.6776 |
|                       | 0.6978 | 0.7176 | 0.7372 | 0.7568 | 0.7762 |
|                       | 0.7955 | 0.8147 | 0.8338 | 0.8520 | 0.8679 |
| Width:                | 0.8838 | 0.8998 | 0.9159 | 0.9320 | 0.9482 |
|                       | 0.9642 | 0.9768 | 0.9896 | 1.0027 | 1.0160 |
|                       | 1.0295 | 1.0399 | 1.0279 | 1.0185 | 1.0000 |
|                       | 0.2260 | 0.2411 | 0.2562 | 0.2713 | 0.2864 |
|                       | 0.3015 | 0.3166 | 0.3318 | 0.3469 | 0.3620 |
|                       | 0.3771 | 0.3922 | 0.4073 | 0.4230 | 0.4390 |
|                       | 0.4521 | 0.4612 | 0.4703 | 0.4794 | 0.4885 |
|                       | 0.4976 | 0.5067 | 0.5158 | 0.5249 | 0.5340 |
|                       | 0.5461 | 0.5584 | 0.5707 | 0.5830 | 0.5953 |
|                       | 0.6076 | 0.6199 | 0.6322 | 0.6451 | 0.6600 |
| Transect A93<br>Area: | 0.6748 | 0.6897 | 0.7045 | 0.7194 | 0.7343 |
|                       | 0.7493 | 0.7673 | 0.7853 | 0.8033 | 0.8213 |
|                       | 0.8394 | 0.8602 | 0.9027 | 0.9452 | 1.0000 |
|                       | 0.0014 | 0.0055 | 0.0109 | 0.0174 | 0.0246 |
|                       | 0.0322 | 0.0402 | 0.0486 | 0.0574 | 0.0666 |
|                       | 0.0763 | 0.0863 | 0.0968 | 0.1076 | 0.1189 |
|                       | 0.1306 | 0.1427 | 0.1552 | 0.1682 | 0.1816 |
|                       | 0.1955 | 0.2098 | 0.2245 | 0.2397 | 0.2555 |
|                       | 0.2717 | 0.2883 | 0.3055 | 0.3234 | 0.3422 |
|                       | 0.3619 | 0.3826 | 0.4043 | 0.4283 | 0.4544 |
| Hrad:                 | 0.4819 | 0.5110 | 0.5424 | 0.5766 | 0.6116 |
|                       | 0.6471 | 0.6830 | 0.7195 | 0.7565 | 0.7941 |
|                       | 0.8321 | 0.8708 | 0.9107 | 0.9519 | 1.0000 |
|                       | 0.0261 | 0.0570 | 0.0955 | 0.1305 | 0.1729 |
|                       | 0.2141 | 0.2537 | 0.2919 | 0.3289 | 0.3648 |
|                       | 0.3999 | 0.4342 | 0.4678 | 0.5007 | 0.5331 |
|                       | 0.5651 | 0.5965 | 0.6258 | 0.6549 | 0.6838 |
|                       | 0.7124 | 0.7409 | 0.7691 | 0.7961 | 0.8217 |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
| Width:       | 0.8473 | 0.8729 | 0.8985 | 0.9069 | 0.9123 |
|              | 0.9196 | 0.9286 | 0.9157 | 0.8737 | 0.8736 |
|              | 0.8781 | 0.8738 | 0.8563 | 0.8515 | 0.8971 |
|              | 0.9355 | 0.9736 | 1.0113 | 1.0487 | 1.0857 |
|              | 1.1225 | 1.1449 | 1.1607 | 1.1658 | 1.0000 |
|              | 0.0504 | 0.0908 | 0.1084 | 0.1259 | 0.1341 |
|              | 0.1415 | 0.1490 | 0.1564 | 0.1638 | 0.1713 |
|              | 0.1787 | 0.1862 | 0.1936 | 0.2010 | 0.2085 |
|              | 0.2159 | 0.2234 | 0.2315 | 0.2396 | 0.2477 |
|              | 0.2558 | 0.2640 | 0.2721 | 0.2806 | 0.2897 |
| Hrad:        | 0.2987 | 0.3077 | 0.3168 | 0.3323 | 0.3497 |
|              | 0.3670 | 0.3844 | 0.4123 | 0.4583 | 0.4865 |
|              | 0.5136 | 0.5476 | 0.5936 | 0.6349 | 0.6392 |
|              | 0.6485 | 0.6579 | 0.6672 | 0.6766 | 0.6860 |
|              | 0.6953 | 0.7136 | 0.7364 | 0.7666 | 1.0000 |
| Transect A95 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
| Hrad:        | 0.0009 | 0.0035 | 0.0080 | 0.0142 | 0.0222 |
|              | 0.0317 | 0.0418 | 0.0525 | 0.0636 | 0.0752 |
|              | 0.0873 | 0.0999 | 0.1128 | 0.1260 | 0.1396 |
|              | 0.1535 | 0.1677 | 0.1823 | 0.1971 | 0.2123 |
|              | 0.2279 | 0.2438 | 0.2600 | 0.2765 | 0.2934 |
|              | 0.3106 | 0.3281 | 0.3459 | 0.3641 | 0.3826 |
|              | 0.4015 | 0.4209 | 0.4409 | 0.4616 | 0.4830 |
|              | 0.5052 | 0.5282 | 0.5519 | 0.5764 | 0.6017 |
|              | 0.6294 | 0.6601 | 0.6934 | 0.7290 | 0.7667 |
|              | 0.8074 | 0.8517 | 0.8992 | 0.9488 | 1.0000 |
| Width:       | 0.0262 | 0.0524 | 0.0785 | 0.1047 | 0.1309 |
|              | 0.1680 | 0.2109 | 0.2522 | 0.2921 | 0.3308 |
|              | 0.3684 | 0.4086 | 0.4494 | 0.4893 | 0.5286 |
|              | 0.5672 | 0.6051 | 0.6425 | 0.6793 | 0.7156 |
|              | 0.7515 | 0.7868 | 0.8218 | 0.8564 | 0.8906 |
|              | 0.9244 | 0.9580 | 0.9912 | 1.0241 | 1.0568 |
|              | 1.0828 | 1.1010 | 1.1197 | 1.1319 | 1.1431 |
|              | 1.1554 | 1.1686 | 1.1826 | 1.1973 | 1.1899 |
|              | 1.1149 | 1.0695 | 1.0405 | 1.0343 | 1.0216 |
|              | 0.9852 | 0.9639 | 0.9601 | 0.9798 | 1.0000 |
| Hrad:        | 0.0341 | 0.0682 | 0.1023 | 0.1364 | 0.1704 |
|              | 0.1898 | 0.1993 | 0.2088 | 0.2183 | 0.2279 |
|              | 0.2374 | 0.2447 | 0.2510 | 0.2573 | 0.2637 |
|              | 0.2700 | 0.2764 | 0.2827 | 0.2890 | 0.2954 |
|              | 0.3017 | 0.3080 | 0.3144 | 0.3207 | 0.3271 |
|              | 0.3334 | 0.3397 | 0.3461 | 0.3524 | 0.3588 |
|              | 0.3673 | 0.3788 | 0.3902 | 0.4042 | 0.4189 |
|              | 0.4337 | 0.4484 | 0.4631 | 0.4778 | 0.5022 |
|              | 0.5615 | 0.6144 | 0.6639 | 0.7025 | 0.7485 |
|              | 0.8181 | 0.8827 | 0.9361 | 0.9681 | 1.0000 |
| Transect A96 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
| Hrad:        | 0.0005 | 0.0020 | 0.0045 | 0.0080 | 0.0126 |
|              | 0.0179 | 0.0236 | 0.0296 | 0.0360 | 0.0426 |
|              | 0.0496 | 0.0569 | 0.0645 | 0.0724 | 0.0807 |
|              | 0.0940 | 0.1107 | 0.1319 | 0.1535 | 0.1755 |
|              | 0.1979 | 0.2206 | 0.2438 | 0.2673 | 0.2914 |
|              | 0.3159 | 0.3408 | 0.3661 | 0.3916 | 0.4175 |
|              | 0.4438 | 0.4703 | 0.4972 | 0.5244 | 0.5519 |
|              | 0.5798 | 0.6080 | 0.6365 | 0.6652 | 0.6943 |
|              | 0.7237 | 0.7533 | 0.7832 | 0.8134 | 0.8439 |
|              | 0.8746 | 0.9056 | 0.9368 | 0.9683 | 1.0000 |
| Width:       | 0.0160 | 0.0319 | 0.0479 | 0.0639 | 0.0798 |
|              | 0.1030 | 0.1284 | 0.1527 | 0.1762 | 0.1989 |
|              | 0.2210 | 0.2425 | 0.2636 | 0.2842 | 0.3038 |
|              | 0.3043 | 0.2334 | 0.1960 | 0.2243 | 0.2522 |
|              | 0.2798 | 0.3069 | 0.3325 | 0.3576 | 0.3824 |
|              | 0.4069 | 0.4332 | 0.4592 | 0.4850 | 0.5105 |
|              | 0.5357 | 0.5609 | 0.5858 | 0.6105 | 0.6350 |
|              | 0.6594 | 0.6836 | 0.7084 | 0.7330 | 0.7574 |
|              | 0.7816 | 0.8057 | 0.8296 | 0.8544 | 0.8790 |
|              | 0.9035 | 0.9278 | 0.9520 | 0.9761 | 1.0000 |
| Hrad:        | 0.0315 | 0.0631 | 0.0946 | 0.1262 | 0.1577 |
|              | 0.1742 | 0.1841 | 0.1940 | 0.2039 | 0.2138 |
|              | 0.2237 | 0.2336 | 0.2435 | 0.2534 | 0.3065 |
|              | 0.4567 | 0.6405 | 0.6734 | 0.6848 | 0.6962 |
|              | 0.7077 | 0.7191 | 0.7333 | 0.7479 | 0.7625 |
|              | 0.7768 | 0.7872 | 0.7976 | 0.8079 | 0.8183 |
|              | 0.8287 | 0.8389 | 0.8491 | 0.8593 | 0.8695 |
|              | 0.8797 | 0.8897 | 0.8988 | 0.9079 | 0.9171 |
|              | 0.9262 | 0.9353 | 0.9444 | 0.9523 | 0.9603 |
|              | 0.9682 | 0.9762 | 0.9841 | 0.9921 | 1.0000 |
| Transect A99 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
| Hrad:        | 0.0003 | 0.0013 | 0.0030 | 0.0053 | 0.0082 |
|              | 0.0117 | 0.0157 | 0.0202 | 0.0253 | 0.0308 |
|              | 0.0370 | 0.0439 | 0.0516 | 0.0601 | 0.0690 |
|              | 0.0783 | 0.0881 | 0.0983 | 0.1089 | 0.1199 |
|              | 0.1360 | 0.1539 | 0.1732 | 0.1942 | 0.2187 |
|              | 0.2444 | 0.2705 | 0.2970 | 0.3239 | 0.3512 |
|              | 0.3790 | 0.4073 | 0.4361 | 0.4655 | 0.4955 |
|              | 0.5262 | 0.5576 | 0.5897 | 0.6221 | 0.6549 |
|              | 0.6880 | 0.7214 | 0.7551 | 0.7891 | 0.8235 |
|              | 0.8581 | 0.8931 | 0.9284 | 0.9641 | 1.0000 |
| Hrad:        | 0.0180 | 0.0360 | 0.0540 | 0.0720 | 0.0922 |
|              | 0.1126 | 0.1324 | 0.1518 | 0.1709 | 0.1902 |
|              | 0.2042 | 0.2156 | 0.2284 | 0.2485 | 0.2719 |

|                 |        |        |        |        |        |
|-----------------|--------|--------|--------|--------|--------|
| Width:          | 0.2948 | 0.3173 | 0.3394 | 0.3611 | 0.3825 |
|                 | 0.3866 | 0.3920 | 0.3998 | 0.3804 | 0.3081 |
|                 | 0.3404 | 0.3723 | 0.4019 | 0.4309 | 0.4597 |
|                 | 0.4881 | 0.5148 | 0.5404 | 0.5657 | 0.5903 |
|                 | 0.6123 | 0.6342 | 0.6594 | 0.6890 | 0.7183 |
|                 | 0.7474 | 0.7763 | 0.8050 | 0.8335 | 0.8617 |
|                 | 0.8897 | 0.9176 | 0.9452 | 0.9727 | 1.0000 |
|                 | 0.0183 | 0.0366 | 0.0548 | 0.0731 | 0.0889 |
|                 | 0.1035 | 0.1181 | 0.1327 | 0.1473 | 0.1615 |
| Transect T-C1   | 0.1804 | 0.2028 | 0.2252 | 0.2409 | 0.2526 |
|                 | 0.2644 | 0.2762 | 0.2880 | 0.2998 | 0.3325 |
|                 | 0.4767 | 0.5157 | 0.5519 | 0.6187 | 0.7095 |
|                 | 0.7178 | 0.7262 | 0.7386 | 0.7511 | 0.7637 |
|                 | 0.7762 | 0.7909 | 0.8068 | 0.8228 | 0.8395 |
|                 | 0.8594 | 0.8794 | 0.8944 | 0.9031 | 0.9119 |
|                 | 0.9206 | 0.9293 | 0.9380 | 0.9468 | 0.9557 |
|                 | 0.9645 | 0.9734 | 0.9823 | 0.9911 | 1.0000 |
|                 | 0.0033 | 0.0077 | 0.0127 | 0.0185 | 0.0259 |
| Area:           | 0.0358 | 0.0465 | 0.0582 | 0.0711 | 0.0868 |
|                 | 0.1055 | 0.1252 | 0.1454 | 0.1660 | 0.1870 |
|                 | 0.2083 | 0.2300 | 0.2519 | 0.2739 | 0.2961 |
|                 | 0.3183 | 0.3407 | 0.3633 | 0.3859 | 0.4087 |
|                 | 0.4316 | 0.4546 | 0.4777 | 0.5010 | 0.5243 |
|                 | 0.5478 | 0.5713 | 0.5948 | 0.6183 | 0.6419 |
|                 | 0.6655 | 0.6892 | 0.7129 | 0.7366 | 0.7604 |
|                 | 0.7842 | 0.8080 | 0.8319 | 0.8558 | 0.8797 |
|                 | 0.9037 | 0.9277 | 0.9518 | 0.9759 | 1.0000 |
| Hrad:           | 0.0196 | 0.0400 | 0.0586 | 0.0718 | 0.0671 |
|                 | 0.0848 | 0.1011 | 0.1159 | 0.1250 | 0.1171 |
|                 | 0.1337 | 0.1523 | 0.1737 | 0.1948 | 0.2156 |
|                 | 0.2360 | 0.2563 | 0.2790 | 0.3017 | 0.3242 |
|                 | 0.3465 | 0.3688 | 0.3909 | 0.4129 | 0.4348 |
|                 | 0.4566 | 0.4782 | 0.4997 | 0.5212 | 0.5427 |
|                 | 0.5660 | 0.5892 | 0.6124 | 0.6355 | 0.6586 |
|                 | 0.6817 | 0.7047 | 0.7277 | 0.7506 | 0.7735 |
|                 | 0.7963 | 0.8191 | 0.8419 | 0.8646 | 0.8873 |
| Width:          | 0.9099 | 0.9325 | 0.9550 | 0.9775 | 1.0000 |
|                 | 0.1708 | 0.1953 | 0.2198 | 0.2604 | 0.3900 |
|                 | 0.4258 | 0.4641 | 0.5073 | 0.5744 | 0.7492 |
|                 | 0.7967 | 0.8302 | 0.8452 | 0.8603 | 0.8753 |
|                 | 0.8904 | 0.9052 | 0.9102 | 0.9153 | 0.9203 |
|                 | 0.9254 | 0.9304 | 0.9355 | 0.9406 | 0.9456 |
|                 | 0.9507 | 0.9557 | 0.9608 | 0.9658 | 0.9705 |
|                 | 0.9720 | 0.9734 | 0.9749 | 0.9764 | 0.9779 |
|                 | 0.9793 | 0.9808 | 0.9823 | 0.9838 | 0.9852 |
| Transect T-C108 | 0.9867 | 0.9882 | 0.9897 | 0.9911 | 0.9926 |
|                 | 0.9941 | 0.9956 | 0.9970 | 0.9985 | 1.0000 |
|                 | 0.0010 | 0.0027 | 0.0051 | 0.0084 | 0.0128 |
|                 | 0.0180 | 0.0241 | 0.0310 | 0.0392 | 0.0486 |
|                 | 0.0585 | 0.0694 | 0.0815 | 0.0943 | 0.1079 |
|                 | 0.1237 | 0.1416 | 0.1608 | 0.1806 | 0.2009 |
|                 | 0.2218 | 0.2440 | 0.2673 | 0.2915 | 0.3169 |
|                 | 0.3430 | 0.3693 | 0.3956 | 0.4221 | 0.4486 |
|                 | 0.4752 | 0.5018 | 0.5286 | 0.5554 | 0.5823 |
| Area:           | 0.6093 | 0.6364 | 0.6636 | 0.6908 | 0.7182 |
|                 | 0.7456 | 0.7731 | 0.8007 | 0.8285 | 0.8566 |
|                 | 0.8849 | 0.9134 | 0.9422 | 0.9711 | 1.0000 |
|                 | 0.0195 | 0.0388 | 0.0546 | 0.0662 | 0.0832 |
|                 | 0.1003 | 0.1164 | 0.1320 | 0.1252 | 0.1464 |
|                 | 0.1669 | 0.1727 | 0.1940 | 0.2130 | 0.2255 |
|                 | 0.2200 | 0.2257 | 0.2462 | 0.2684 | 0.2905 |
|                 | 0.3123 | 0.3157 | 0.3323 | 0.3495 | 0.3520 |
|                 | 0.3798 | 0.4075 | 0.4352 | 0.4627 | 0.4902 |
| Hrad:           | 0.5176 | 0.5449 | 0.5721 | 0.5992 | 0.6262 |
|                 | 0.6532 | 0.6801 | 0.7069 | 0.7336 | 0.7602 |
|                 | 0.7868 | 0.8133 | 0.8374 | 0.8589 | 0.8803 |
|                 | 0.9016 | 0.9227 | 0.9455 | 0.9728 | 1.0000 |
|                 | 0.0507 | 0.0711 | 0.0940 | 0.1343 | 0.1669 |
|                 | 0.1959 | 0.2250 | 0.2535 | 0.3146 | 0.3333 |
|                 | 0.3520 | 0.4050 | 0.4294 | 0.4566 | 0.4958 |
|                 | 0.5806 | 0.6468 | 0.6741 | 0.6953 | 0.7129 |
|                 | 0.7305 | 0.7907 | 0.8214 | 0.8502 | 0.9031 |
| Width:          | 0.9060 | 0.9088 | 0.9117 | 0.9146 | 0.9174 |
|                 | 0.9203 | 0.9231 | 0.9260 | 0.9289 | 0.9317 |
|                 | 0.9346 | 0.9375 | 0.9403 | 0.9432 | 0.9461 |
|                 | 0.9489 | 0.9518 | 0.9573 | 0.9657 | 0.9741 |
|                 | 0.9825 | 0.9909 | 0.9974 | 0.9987 | 1.0000 |
|                 | 0.0006 | 0.0024 | 0.0051 | 0.0088 | 0.0142 |
|                 | 0.0224 | 0.0317 | 0.0421 | 0.0536 | 0.0665 |
|                 | 0.0801 | 0.0942 | 0.1089 | 0.1240 | 0.1401 |
|                 | 0.1571 | 0.1757 | 0.1956 | 0.2158 | 0.2364 |
| Transect T-C111 | 0.2571 | 0.2782 | 0.2997 | 0.3217 | 0.3442 |
|                 | 0.3674 | 0.3914 | 0.4162 | 0.4413 | 0.4665 |
|                 | 0.4919 | 0.5175 | 0.5432 | 0.5691 | 0.5951 |
|                 | 0.6213 | 0.6476 | 0.6740 | 0.7005 | 0.7272 |
|                 | 0.7540 | 0.7809 | 0.8080 | 0.8351 | 0.8624 |
|                 | 0.8898 | 0.9172 | 0.9448 | 0.9723 | 1.0000 |
|                 | 0.0139 | 0.0297 | 0.0435 | 0.0561 | 0.0690 |
|                 |        |        |        |        |        |
|                 |        |        |        |        |        |

|                    |        |        |        |        |        |
|--------------------|--------|--------|--------|--------|--------|
|                    | 0.0701 | 0.0897 | 0.1063 | 0.1223 | 0.1387 |
|                    | 0.1600 | 0.1819 | 0.2034 | 0.2207 | 0.2352 |
|                    | 0.2526 | 0.2499 | 0.2695 | 0.2937 | 0.3176 |
|                    | 0.3413 | 0.3632 | 0.3822 | 0.4009 | 0.4216 |
|                    | 0.4417 | 0.4609 | 0.4621 | 0.4866 | 0.5109 |
|                    | 0.5351 | 0.5594 | 0.5838 | 0.6082 | 0.6324 |
|                    | 0.6565 | 0.6810 | 0.7054 | 0.7297 | 0.7538 |
|                    | 0.7779 | 0.8019 | 0.8258 | 0.8496 | 0.8742 |
|                    | 0.8995 | 0.9247 | 0.9499 | 0.9750 | 1.0000 |
| Width:             |        |        |        |        |        |
|                    | 0.0442 | 0.0799 | 0.1165 | 0.1582 | 0.2545 |
|                    | 0.3199 | 0.3543 | 0.3968 | 0.4397 | 0.4806 |
|                    | 0.5019 | 0.5192 | 0.5364 | 0.5632 | 0.5969 |
|                    | 0.6387 | 0.7048 | 0.7271 | 0.7364 | 0.7457 |
|                    | 0.7550 | 0.7673 | 0.7856 | 0.8039 | 0.8216 |
|                    | 0.8520 | 0.8824 | 0.9021 | 0.9083 | 0.9144 |
|                    | 0.9205 | 0.9263 | 0.9316 | 0.9368 | 0.9420 |
|                    | 0.9472 | 0.9517 | 0.9562 | 0.9607 | 0.9652 |
|                    | 0.9697 | 0.9742 | 0.9787 | 0.9833 | 0.9867 |
|                    | 0.9894 | 0.9920 | 0.9947 | 0.9973 | 1.0000 |
| Transect T-C118    |        |        |        |        |        |
| Area:              |        |        |        |        |        |
|                    | 0.0001 | 0.0004 | 0.0009 | 0.0016 | 0.0026 |
|                    | 0.0054 | 0.0096 | 0.0149 | 0.0213 | 0.0309 |
|                    | 0.0433 | 0.0563 | 0.0700 | 0.0846 | 0.0999 |
|                    | 0.1156 | 0.1316 | 0.1480 | 0.1649 | 0.1823 |
|                    | 0.2011 | 0.2205 | 0.2402 | 0.2603 | 0.2807 |
|                    | 0.3016 | 0.3228 | 0.3443 | 0.3660 | 0.3881 |
|                    | 0.4111 | 0.4353 | 0.4599 | 0.4850 | 0.5108 |
|                    | 0.5389 | 0.5685 | 0.5987 | 0.6295 | 0.6607 |
|                    | 0.6926 | 0.7261 | 0.7599 | 0.7938 | 0.8278 |
|                    | 0.8620 | 0.8963 | 0.9308 | 0.9653 | 1.0000 |
| Hrad:              |        |        |        |        |        |
|                    | 0.0174 | 0.0347 | 0.0521 | 0.0695 | 0.0810 |
|                    | 0.0734 | 0.0843 | 0.0997 | 0.1123 | 0.1009 |
|                    | 0.1251 | 0.1508 | 0.1750 | 0.1983 | 0.2240 |
|                    | 0.2544 | 0.2833 | 0.3096 | 0.3350 | 0.3580 |
|                    | 0.3643 | 0.3927 | 0.4207 | 0.4472 | 0.4730 |
|                    | 0.4990 | 0.5269 | 0.5545 | 0.5819 | 0.6022 |
|                    | 0.5965 | 0.6210 | 0.6452 | 0.6659 | 0.6841 |
|                    | 0.6384 | 0.6629 | 0.6841 | 0.7063 | 0.7299 |
|                    | 0.7435 | 0.7500 | 0.7815 | 0.8128 | 0.8441 |
|                    | 0.8752 | 0.9061 | 0.9371 | 0.9686 | 1.0000 |
| Width:             |        |        |        |        |        |
|                    | 0.0056 | 0.0112 | 0.0168 | 0.0224 | 0.0476 |
|                    | 0.1061 | 0.1359 | 0.1657 | 0.2046 | 0.3467 |
|                    | 0.3660 | 0.3841 | 0.4074 | 0.4321 | 0.4474 |
|                    | 0.4557 | 0.4659 | 0.4794 | 0.4936 | 0.5107 |
|                    | 0.5536 | 0.5630 | 0.5725 | 0.5835 | 0.5951 |
|                    | 0.6060 | 0.6142 | 0.6224 | 0.6306 | 0.6462 |
|                    | 0.6910 | 0.7029 | 0.7147 | 0.7302 | 0.7685 |
|                    | 0.8464 | 0.8599 | 0.8775 | 0.8936 | 0.9074 |
|                    | 0.9336 | 0.9701 | 0.9741 | 0.9780 | 0.9820 |
|                    | 0.9859 | 0.9899 | 0.9937 | 0.9968 | 1.0000 |
| Transect T-C1450_1 |        |        |        |        |        |
| Area:              |        |        |        |        |        |
|                    | 0.0002 | 0.0006 | 0.0014 | 0.0024 | 0.0040 |
|                    | 0.0066 | 0.0105 | 0.0155 | 0.0212 | 0.0274 |
|                    | 0.0347 | 0.0439 | 0.0545 | 0.0663 | 0.0792 |
|                    | 0.0926 | 0.1064 | 0.1212 | 0.1374 | 0.1554 |
|                    | 0.1746 | 0.1949 | 0.2163 | 0.2391 | 0.2629 |
|                    | 0.2874 | 0.3126 | 0.3387 | 0.3655 | 0.3926 |
|                    | 0.4199 | 0.4473 | 0.4749 | 0.5031 | 0.5322 |
|                    | 0.5623 | 0.5926 | 0.6231 | 0.6538 | 0.6846 |
|                    | 0.7155 | 0.7465 | 0.7777 | 0.8090 | 0.8405 |
|                    | 0.8723 | 0.9041 | 0.9360 | 0.9680 | 1.0000 |
| Hrad:              |        |        |        |        |        |
|                    | 0.0160 | 0.0321 | 0.0507 | 0.0653 | 0.0631 |
|                    | 0.0636 | 0.0799 | 0.0944 | 0.1141 | 0.1408 |
|                    | 0.1615 | 0.1649 | 0.1830 | 0.1944 | 0.2030 |
|                    | 0.2275 | 0.2523 | 0.2746 | 0.2856 | 0.2640 |
|                    | 0.2934 | 0.3207 | 0.3460 | 0.3696 | 0.3927 |
|                    | 0.4155 | 0.4382 | 0.4574 | 0.4340 | 0.4639 |
|                    | 0.4933 | 0.5226 | 0.5451 | 0.5716 | 0.5981 |
|                    | 0.5973 | 0.6252 | 0.6535 | 0.6825 | 0.7117 |
|                    | 0.7409 | 0.7700 | 0.7989 | 0.8278 | 0.8489 |
|                    | 0.8794 | 0.9096 | 0.9398 | 0.9699 | 1.0000 |
| Width:             |        |        |        |        |        |
|                    | 0.0097 | 0.0194 | 0.0274 | 0.0364 | 0.0641 |
|                    | 0.1036 | 0.1413 | 0.1647 | 0.1861 | 0.2072 |
|                    | 0.2554 | 0.3060 | 0.3489 | 0.3898 | 0.4106 |
|                    | 0.4237 | 0.4428 | 0.4823 | 0.5284 | 0.5892 |
|                    | 0.6188 | 0.6451 | 0.6941 | 0.7289 | 0.7519 |
|                    | 0.7792 | 0.7960 | 0.8286 | 0.8430 | 0.8472 |
|                    | 0.8518 | 0.8566 | 0.8720 | 0.8891 | 0.9290 |
|                    | 0.9421 | 0.9486 | 0.9542 | 0.9587 | 0.9626 |
|                    | 0.9664 | 0.9703 | 0.9742 | 0.9780 | 0.9907 |
|                    | 0.9925 | 0.9943 | 0.9962 | 0.9981 | 1.0000 |
| Transect T-C61     |        |        |        |        |        |
| Area:              |        |        |        |        |        |
|                    | 0.0027 | 0.0075 | 0.0149 | 0.0282 | 0.0418 |
|                    | 0.0557 | 0.0698 | 0.0842 | 0.0989 | 0.1139 |
|                    | 0.1292 | 0.1449 | 0.1612 | 0.1780 | 0.1955 |
|                    | 0.2134 | 0.2316 | 0.2502 | 0.2692 | 0.2886 |
|                    | 0.3084 | 0.3287 | 0.3495 | 0.3706 | 0.3921 |
|                    | 0.4139 | 0.4362 | 0.4589 | 0.4822 | 0.5060 |
|                    | 0.5300 | 0.5540 | 0.5781 | 0.6023 | 0.6266 |
|                    | 0.6510 | 0.6754 | 0.6999 | 0.7245 | 0.7492 |
|                    | 0.7739 | 0.7987 | 0.8236 | 0.8485 | 0.8736 |
|                    | 0.8987 | 0.9239 | 0.9492 | 0.9745 | 1.0000 |

|                |        |        |        |        |        |
|----------------|--------|--------|--------|--------|--------|
| Hrad:          | 0.0161 | 0.0376 | 0.0298 | 0.0551 | 0.0799 |
|                | 0.1041 | 0.1280 | 0.1514 | 0.1744 | 0.1970 |
|                | 0.2193 | 0.2371 | 0.2541 | 0.2709 | 0.2883 |
|                | 0.3089 | 0.3292 | 0.3490 | 0.3666 | 0.3840 |
|                | 0.4012 | 0.4182 | 0.4351 | 0.4542 | 0.4735 |
|                | 0.4908 | 0.5056 | 0.5203 | 0.5350 | 0.5515 |
|                | 0.5751 | 0.5986 | 0.6220 | 0.6453 | 0.6684 |
|                | 0.6914 | 0.7144 | 0.7372 | 0.7598 | 0.7824 |
|                | 0.8049 | 0.8272 | 0.8495 | 0.8716 | 0.8937 |
|                | 0.9156 | 0.9374 | 0.9584 | 0.9792 | 1.0000 |
| Width:         | 0.1718 | 0.2047 | 0.5155 | 0.5265 | 0.5375 |
|                | 0.5486 | 0.5596 | 0.5707 | 0.5817 | 0.5927 |
|                | 0.6038 | 0.6261 | 0.6497 | 0.6734 | 0.6948 |
|                | 0.7077 | 0.7206 | 0.7340 | 0.7517 | 0.7693 |
|                | 0.7869 | 0.8046 | 0.8222 | 0.8352 | 0.8473 |
|                | 0.8627 | 0.8824 | 0.9022 | 0.9219 | 0.9380 |
|                | 0.9410 | 0.9439 | 0.9469 | 0.9499 | 0.9528 |
|                | 0.9558 | 0.9588 | 0.9618 | 0.9647 | 0.9677 |
|                | 0.9707 | 0.9736 | 0.9766 | 0.9796 | 0.9825 |
|                | 0.9855 | 0.9885 | 0.9923 | 0.9962 | 1.0000 |
| Transect T-C71 |        |        |        |        |        |
| Area:          | 0.0071 | 0.0144 | 0.0220 | 0.0298 | 0.0378 |
|                | 0.0461 | 0.0546 | 0.0634 | 0.0724 | 0.0817 |
|                | 0.0911 | 0.1009 | 0.1108 | 0.1211 | 0.1315 |
|                | 0.1422 | 0.1531 | 0.1643 | 0.1757 | 0.1874 |
|                | 0.1993 | 0.2118 | 0.2247 | 0.2382 | 0.2521 |
|                | 0.2666 | 0.2815 | 0.2970 | 0.3130 | 0.3296 |
|                | 0.3468 | 0.3647 | 0.3851 | 0.4096 | 0.4373 |
|                | 0.4664 | 0.4961 | 0.5266 | 0.5579 | 0.5901 |
|                | 0.6232 | 0.6571 | 0.6935 | 0.7328 | 0.7748 |
|                | 0.8195 | 0.8645 | 0.9096 | 0.9548 | 1.0000 |
| Hrad:          | 0.0446 | 0.0877 | 0.1295 | 0.1702 | 0.2098 |
|                | 0.2483 | 0.2860 | 0.3229 | 0.3590 | 0.3944 |
|                | 0.4291 | 0.4633 | 0.4969 | 0.5299 | 0.5625 |
|                | 0.5947 | 0.6264 | 0.6577 | 0.6886 | 0.7192 |
|                | 0.7393 | 0.7542 | 0.7697 | 0.7856 | 0.8021 |
|                | 0.8190 | 0.8362 | 0.8538 | 0.8678 | 0.8803 |
|                | 0.8936 | 0.9075 | 0.9158 | 0.9154 | 0.6899 |
|                | 0.7179 | 0.7456 | 0.7712 | 0.7949 | 0.8185 |
|                | 0.8420 | 0.8579 | 0.8254 | 0.8179 | 0.8027 |
|                | 0.8247 | 0.8686 | 0.9125 | 0.9563 | 1.0000 |
| Width:         | 0.1592 | 0.1645 | 0.1698 | 0.1751 | 0.1804 |
|                | 0.1857 | 0.1911 | 0.1964 | 0.2017 | 0.2070 |
|                | 0.2123 | 0.2176 | 0.2230 | 0.2283 | 0.2336 |
|                | 0.2389 | 0.2442 | 0.2495 | 0.2549 | 0.2602 |
|                | 0.2692 | 0.2804 | 0.2916 | 0.3027 | 0.3139 |
|                | 0.3251 | 0.3362 | 0.3474 | 0.3602 | 0.3739 |
|                | 0.3877 | 0.4014 | 0.5055 | 0.5793 | 0.6337 |
|                | 0.6495 | 0.6652 | 0.6826 | 0.7017 | 0.7208 |
|                | 0.7399 | 0.7658 | 0.8401 | 0.8959 | 0.9654 |
|                | 0.9938 | 0.9954 | 0.9969 | 0.9985 | 1.0000 |
| Transect T-C74 |        |        |        |        |        |
| Area:          | 0.0006 | 0.0026 | 0.0057 | 0.0095 | 0.0138 |
|                | 0.0186 | 0.0240 | 0.0298 | 0.0362 | 0.0430 |
|                | 0.0505 | 0.0589 | 0.0686 | 0.0793 | 0.0911 |
|                | 0.1039 | 0.1177 | 0.1330 | 0.1500 | 0.1681 |
|                | 0.1870 | 0.2067 | 0.2271 | 0.2483 | 0.2701 |
|                | 0.2924 | 0.3152 | 0.3386 | 0.3625 | 0.3870 |
|                | 0.4120 | 0.4375 | 0.4635 | 0.4902 | 0.5174 |
|                | 0.5451 | 0.5734 | 0.6023 | 0.6318 | 0.6618 |
|                | 0.6926 | 0.7242 | 0.7566 | 0.7897 | 0.8236 |
|                | 0.8582 | 0.8932 | 0.9285 | 0.9641 | 1.0000 |
| Hrad:          | 0.0181 | 0.0362 | 0.0582 | 0.0848 | 0.1094 |
|                | 0.1327 | 0.1550 | 0.1766 | 0.1977 | 0.2183 |
|                | 0.2306 | 0.2350 | 0.2425 | 0.2538 | 0.2678 |
|                | 0.2825 | 0.2970 | 0.2977 | 0.3064 | 0.3288 |
|                | 0.3508 | 0.3726 | 0.3936 | 0.4176 | 0.4432 |
|                | 0.4684 | 0.4932 | 0.5178 | 0.5420 | 0.5660 |
|                | 0.5898 | 0.6131 | 0.6358 | 0.6583 | 0.6806 |
|                | 0.7027 | 0.7247 | 0.7465 | 0.7682 | 0.7855 |
|                | 0.8021 | 0.8187 | 0.8353 | 0.8520 | 0.8688 |
|                | 0.8895 | 0.9175 | 0.9452 | 0.9727 | 1.0000 |
| Width:         | 0.0355 | 0.0711 | 0.0984 | 0.1126 | 0.1267 |
|                | 0.1409 | 0.1551 | 0.1692 | 0.1834 | 0.1976 |
|                | 0.2193 | 0.2515 | 0.2836 | 0.3136 | 0.3414 |
|                | 0.3692 | 0.3978 | 0.4483 | 0.4915 | 0.5133 |
|                | 0.5350 | 0.5568 | 0.5792 | 0.5969 | 0.6117 |
|                | 0.6266 | 0.6415 | 0.6563 | 0.6712 | 0.6860 |
|                | 0.7009 | 0.7159 | 0.7315 | 0.7471 | 0.7627 |
|                | 0.7783 | 0.7939 | 0.8094 | 0.8250 | 0.8452 |
|                | 0.8664 | 0.8876 | 0.9088 | 0.9300 | 0.9512 |
|                | 0.9678 | 0.9759 | 0.9839 | 0.9920 | 1.0000 |
| Transect T-C76 |        |        |        |        |        |
| Area:          | 0.0005 | 0.0019 | 0.0044 | 0.0078 | 0.0121 |
|                | 0.0175 | 0.0238 | 0.0311 | 0.0394 | 0.0490 |
|                | 0.0599 | 0.0720 | 0.0849 | 0.0985 | 0.1129 |
|                | 0.1281 | 0.1440 | 0.1606 | 0.1777 | 0.1955 |
|                | 0.2139 | 0.2328 | 0.2523 | 0.2725 | 0.2933 |
|                | 0.3148 | 0.3372 | 0.3604 | 0.3844 | 0.4092 |
|                | 0.4345 | 0.4604 | 0.4869 | 0.5140 | 0.5417 |
|                | 0.5699 | 0.5988 | 0.6280 | 0.6575 | 0.6873 |

|                |        |        |        |        |        |
|----------------|--------|--------|--------|--------|--------|
| Hrad:          | 0.7174 | 0.7477 | 0.7783 | 0.8092 | 0.8403 |
|                | 0.8717 | 0.9034 | 0.9353 | 0.9675 | 1.0000 |
|                |        |        |        |        |        |
|                | 0.0163 | 0.0327 | 0.0490 | 0.0653 | 0.0817 |
|                | 0.0980 | 0.1143 | 0.1307 | 0.1437 | 0.1562 |
|                | 0.1696 | 0.1883 | 0.2091 | 0.2295 | 0.2494 |
|                | 0.2690 | 0.2889 | 0.3108 | 0.3324 | 0.3535 |
|                | 0.3744 | 0.3950 | 0.4153 | 0.4354 | 0.4517 |
|                | 0.4673 | 0.4829 | 0.4986 | 0.5143 | 0.5331 |
|                | 0.5531 | 0.5730 | 0.5928 | 0.6124 | 0.6318 |
|                | 0.6511 | 0.6709 | 0.6972 | 0.7234 | 0.7493 |
|                | 0.7751 | 0.8007 | 0.8261 | 0.8514 | 0.8765 |
|                | 0.9015 | 0.9264 | 0.9510 | 0.9756 | 1.0000 |
|                |        |        |        |        |        |
| Width:         | 0.0298 | 0.0595 | 0.0893 | 0.1191 | 0.1488 |
|                | 0.1786 | 0.2084 | 0.2381 | 0.2747 | 0.3143 |
|                | 0.3540 | 0.3831 | 0.4065 | 0.4299 | 0.4534 |
|                | 0.4768 | 0.4991 | 0.5173 | 0.5354 | 0.5536 |
|                | 0.5717 | 0.5898 | 0.6080 | 0.6261 | 0.6496 |
|                | 0.6742 | 0.6987 | 0.7232 | 0.7478 | 0.7678 |
|                | 0.7857 | 0.8037 | 0.8216 | 0.8395 | 0.8574 |
|                | 0.8753 | 0.8924 | 0.9007 | 0.9090 | 0.9172 |
|                | 0.9255 | 0.9338 | 0.9421 | 0.9503 | 0.9586 |
|                | 0.9669 | 0.9752 | 0.9834 | 0.9917 | 1.0000 |
|                |        |        |        |        |        |
| Transect T-C78 |        |        |        |        |        |
| Area:          | 0.0002 | 0.0006 | 0.0014 | 0.0025 | 0.0039 |
|                | 0.0056 | 0.0076 | 0.0100 | 0.0126 | 0.0156 |
|                | 0.0198 | 0.0264 | 0.0366 | 0.0488 | 0.0616 |
|                | 0.0751 | 0.0891 | 0.1038 | 0.1196 | 0.1376 |
|                | 0.1570 | 0.1773 | 0.1985 | 0.2205 | 0.2434 |
|                | 0.2676 | 0.2928 | 0.3189 | 0.3457 | 0.3734 |
|                | 0.4018 | 0.4310 | 0.4610 | 0.4915 | 0.5223 |
|                | 0.5532 | 0.5842 | 0.6153 | 0.6466 | 0.6781 |
|                | 0.7096 | 0.7413 | 0.7732 | 0.8052 | 0.8373 |
|                | 0.8696 | 0.9020 | 0.9345 | 0.9672 | 1.0000 |
|                |        |        |        |        |        |
| Hrad:          | 0.0165 | 0.0330 | 0.0495 | 0.0660 | 0.0825 |
|                | 0.0990 | 0.1155 | 0.1320 | 0.1486 | 0.1651 |
|                | 0.1189 | 0.1139 | 0.1025 | 0.1299 | 0.1563 |
|                | 0.1819 | 0.2066 | 0.2269 | 0.2451 | 0.2416 |
|                | 0.2634 | 0.2848 | 0.3060 | 0.3272 | 0.3441 |
|                | 0.3602 | 0.3796 | 0.4014 | 0.4229 | 0.4441 |
|                | 0.4637 | 0.4846 | 0.5062 | 0.5333 | 0.5636 |
|                | 0.5938 | 0.6239 | 0.6537 | 0.6834 | 0.7129 |
|                | 0.7423 | 0.7715 | 0.8006 | 0.8295 | 0.8583 |
|                | 0.8869 | 0.9154 | 0.9437 | 0.9719 | 1.0000 |
|                |        |        |        |        |        |
| Width:         | 0.0095 | 0.0189 | 0.0284 | 0.0378 | 0.0473 |
|                | 0.0568 | 0.0662 | 0.0757 | 0.0852 | 0.0946 |
|                | 0.1677 | 0.2339 | 0.3615 | 0.3802 | 0.3988 |
|                | 0.4175 | 0.4362 | 0.4630 | 0.4936 | 0.5765 |
|                | 0.6033 | 0.6300 | 0.6564 | 0.6820 | 0.7161 |
|                | 0.7521 | 0.7810 | 0.8044 | 0.8278 | 0.8511 |
|                | 0.8771 | 0.9004 | 0.9218 | 0.9326 | 0.9368 |
|                | 0.9411 | 0.9453 | 0.9495 | 0.9537 | 0.9579 |
|                | 0.9621 | 0.9663 | 0.9705 | 0.9747 | 0.9789 |
|                | 0.9832 | 0.9874 | 0.9916 | 0.9958 | 1.0000 |
|                |        |        |        |        |        |
| Transect T-C8  |        |        |        |        |        |
| Area:          | 0.0020 | 0.0042 | 0.0065 | 0.0089 | 0.0114 |
|                | 0.0141 | 0.0169 | 0.0198 | 0.0228 | 0.0260 |
|                | 0.0296 | 0.0342 | 0.0416 | 0.0496 | 0.0591 |
|                | 0.0706 | 0.0864 | 0.1054 | 0.1266 | 0.1508 |
|                | 0.1766 | 0.2026 | 0.2288 | 0.2552 | 0.2817 |
|                | 0.3085 | 0.3354 | 0.3625 | 0.3897 | 0.4171 |
|                | 0.4447 | 0.4724 | 0.5003 | 0.5284 | 0.5567 |
|                | 0.5852 | 0.6139 | 0.6427 | 0.6717 | 0.7009 |
|                | 0.7302 | 0.7596 | 0.7892 | 0.8190 | 0.8489 |
|                | 0.8789 | 0.9091 | 0.9393 | 0.9696 | 1.0000 |
|                |        |        |        |        |        |
| Hrad:          | 0.0296 | 0.0575 | 0.0840 | 0.1092 | 0.1334 |
|                | 0.1567 | 0.1792 | 0.2011 | 0.2223 | 0.2431 |
|                | 0.2294 | 0.2008 | 0.1638 | 0.1826 | 0.1987 |
|                | 0.2100 | 0.1723 | 0.1752 | 0.1960 | 0.1797 |
|                | 0.2084 | 0.2370 | 0.2656 | 0.2943 | 0.3228 |
|                | 0.3511 | 0.3793 | 0.4072 | 0.4351 | 0.4629 |
|                | 0.4907 | 0.5183 | 0.5451 | 0.5718 | 0.5983 |
|                | 0.6247 | 0.6509 | 0.6775 | 0.7045 | 0.7313 |
|                | 0.7580 | 0.7845 | 0.8110 | 0.8374 | 0.8636 |
|                | 0.8897 | 0.9174 | 0.9450 | 0.9726 | 1.0000 |
|                |        |        |        |        |        |
| Width:         | 0.0687 | 0.0729 | 0.0771 | 0.0813 | 0.0855 |
|                | 0.0897 | 0.0939 | 0.0981 | 0.1023 | 0.1065 |
|                | 0.1283 | 0.2159 | 0.2541 | 0.2811 | 0.3420 |
|                | 0.4525 | 0.5612 | 0.6751 | 0.7321 | 0.8428 |
|                | 0.8504 | 0.8579 | 0.8645 | 0.8701 | 0.8758 |
|                | 0.8815 | 0.8871 | 0.8928 | 0.8984 | 0.9037 |
|                | 0.9087 | 0.9139 | 0.9202 | 0.9265 | 0.9328 |
|                | 0.9390 | 0.9453 | 0.9509 | 0.9557 | 0.9606 |
|                | 0.9654 | 0.9703 | 0.9752 | 0.9800 | 0.9849 |
|                | 0.9897 | 0.9923 | 0.9948 | 0.9974 | 1.0000 |
|                |        |        |        |        |        |
| Transect T-C84 |        |        |        |        |        |
| Area:          | 0.0002 | 0.0007 | 0.0027 | 0.0075 | 0.0169 |
|                | 0.0267 | 0.0370 | 0.0476 | 0.0585 | 0.0697 |
|                | 0.0813 | 0.0935 | 0.1060 | 0.1188 | 0.1319 |
|                | 0.1452 | 0.1589 | 0.1737 | 0.1896 | 0.2103 |
|                | 0.2353 | 0.2611 | 0.2870 | 0.3129 | 0.3388 |
|                | 0.3648 | 0.3908 | 0.4169 | 0.4430 | 0.4691 |

|                    |        |        |        |        |        |
|--------------------|--------|--------|--------|--------|--------|
| Hrad:              | 0.4953 | 0.5215 | 0.5478 | 0.5740 | 0.6004 |
|                    | 0.6267 | 0.6531 | 0.6796 | 0.7061 | 0.7326 |
|                    | 0.7592 | 0.7858 | 0.8124 | 0.8391 | 0.8658 |
|                    | 0.8926 | 0.9194 | 0.9462 | 0.9731 | 1.0000 |
|                    | 0.0136 | 0.0271 | 0.0300 | 0.0233 | 0.0479 |
|                    | 0.0723 | 0.0964 | 0.1203 | 0.1436 | 0.1663 |
|                    | 0.1862 | 0.2056 | 0.2274 | 0.2496 | 0.2715 |
|                    | 0.2931 | 0.3028 | 0.3113 | 0.3224 | 0.2514 |
|                    | 0.2479 | 0.2746 | 0.3012 | 0.3278 | 0.3543 |
|                    | 0.3808 | 0.4072 | 0.4335 | 0.4598 | 0.4861 |
| Width:             | 0.5123 | 0.5384 | 0.5645 | 0.5905 | 0.6165 |
|                    | 0.6424 | 0.6683 | 0.6941 | 0.7199 | 0.7456 |
|                    | 0.7713 | 0.7969 | 0.8225 | 0.8480 | 0.8734 |
|                    | 0.8989 | 0.9242 | 0.9495 | 0.9748 | 1.0000 |
|                    | 0.0137 | 0.0274 | 0.1094 | 0.3273 | 0.3562 |
|                    | 0.3732 | 0.3872 | 0.3991 | 0.4110 | 0.4232 |
|                    | 0.4411 | 0.4589 | 0.4706 | 0.4804 | 0.4902 |
|                    | 0.5000 | 0.5295 | 0.5633 | 0.6270 | 0.8946 |
|                    | 0.9577 | 0.9593 | 0.9608 | 0.9623 | 0.9638 |
|                    | 0.9652 | 0.9667 | 0.9681 | 0.9696 | 0.9710 |
| Transect T-C97     | 0.9725 | 0.9739 | 0.9754 | 0.9768 | 0.9783 |
|                    | 0.9797 | 0.9812 | 0.9826 | 0.9841 | 0.9855 |
|                    | 0.9870 | 0.9884 | 0.9899 | 0.9913 | 0.9928 |
|                    | 0.9942 | 0.9957 | 0.9971 | 0.9986 | 1.0000 |
|                    | 0.0002 | 0.0007 | 0.0015 | 0.0027 | 0.0043 |
|                    | 0.0061 | 0.0084 | 0.0109 | 0.0138 | 0.0170 |
|                    | 0.0205 | 0.0242 | 0.0282 | 0.0328 | 0.0391 |
|                    | 0.0464 | 0.0557 | 0.0683 | 0.0832 | 0.0989 |
|                    | 0.1163 | 0.1353 | 0.1558 | 0.1774 | 0.1997 |
|                    | 0.2235 | 0.2482 | 0.2739 | 0.3006 | 0.3288 |
| Area:              | 0.3576 | 0.3871 | 0.4174 | 0.4483 | 0.4798 |
|                    | 0.5116 | 0.5450 | 0.5789 | 0.6130 | 0.6472 |
|                    | 0.6816 | 0.7162 | 0.7509 | 0.7858 | 0.8209 |
|                    | 0.8562 | 0.8916 | 0.9272 | 0.9633 | 1.0000 |
|                    | 0.0186 | 0.0372 | 0.0558 | 0.0743 | 0.0929 |
|                    | 0.1115 | 0.1301 | 0.1487 | 0.1692 | 0.1902 |
|                    | 0.2107 | 0.2309 | 0.2509 | 0.2144 | 0.2164 |
|                    | 0.2259 | 0.2166 | 0.2089 | 0.2035 | 0.2262 |
|                    | 0.2366 | 0.2536 | 0.2749 | 0.3011 | 0.3257 |
|                    | 0.3428 | 0.3648 | 0.3921 | 0.4034 | 0.4295 |
| Hrad:              | 0.4576 | 0.4822 | 0.5076 | 0.5349 | 0.5646 |
|                    | 0.5941 | 0.6003 | 0.6342 | 0.6678 | 0.7013 |
|                    | 0.7346 | 0.7678 | 0.8009 | 0.8339 | 0.8667 |
|                    | 0.8993 | 0.9310 | 0.9613 | 0.9912 | 1.0000 |
|                    | 0.0092 | 0.0184 | 0.0277 | 0.0369 | 0.0461 |
|                    | 0.0553 | 0.0645 | 0.0738 | 0.0819 | 0.0896 |
|                    | 0.0973 | 0.1050 | 0.1127 | 0.1535 | 0.1813 |
|                    | 0.2167 | 0.2914 | 0.3821 | 0.4108 | 0.4394 |
|                    | 0.4942 | 0.5363 | 0.5697 | 0.5921 | 0.6163 |
|                    | 0.6554 | 0.6840 | 0.7023 | 0.7491 | 0.7696 |
| Width:             | 0.7856 | 0.8071 | 0.8267 | 0.8426 | 0.8542 |
|                    | 0.8658 | 0.9125 | 0.9171 | 0.9218 | 0.9264 |
|                    | 0.9311 | 0.9356 | 0.9400 | 0.9444 | 0.9489 |
|                    | 0.9533 | 0.9586 | 0.9651 | 0.9824 | 1.0000 |
|                    | 0.0044 | 0.0103 | 0.0168 | 0.0237 | 0.0311 |
|                    | 0.0390 | 0.0473 | 0.0561 | 0.0654 | 0.0751 |
|                    | 0.0853 | 0.0962 | 0.1078 | 0.1201 | 0.1331 |
|                    | 0.1469 | 0.1616 | 0.1777 | 0.1950 | 0.2128 |
|                    | 0.2312 | 0.2500 | 0.2694 | 0.2892 | 0.3095 |
|                    | 0.3303 | 0.3514 | 0.3730 | 0.3950 | 0.4175 |
| Transect T-SMC14   | 0.4404 | 0.4637 | 0.4876 | 0.5119 | 0.5366 |
|                    | 0.5619 | 0.5883 | 0.6160 | 0.6450 | 0.6751 |
|                    | 0.7064 | 0.7385 | 0.7708 | 0.8032 | 0.8358 |
|                    | 0.8684 | 0.9011 | 0.9340 | 0.9669 | 1.0000 |
|                    | 0.0254 | 0.0555 | 0.0838 | 0.1105 | 0.1359 |
|                    | 0.1602 | 0.1837 | 0.2065 | 0.2286 | 0.2503 |
|                    | 0.2710 | 0.2851 | 0.2997 | 0.3148 | 0.3300 |
|                    | 0.3454 | 0.3486 | 0.3529 | 0.3677 | 0.3906 |
|                    | 0.4131 | 0.4353 | 0.4572 | 0.4789 | 0.5003 |
|                    | 0.5228 | 0.5460 | 0.5689 | 0.5899 | 0.6106 |
| Hrad:              | 0.6311 | 0.6515 | 0.6717 | 0.6917 | 0.7117 |
|                    | 0.7233 | 0.7209 | 0.7205 | 0.7246 | 0.7296 |
|                    | 0.7334 | 0.7595 | 0.7899 | 0.8202 | 0.8505 |
|                    | 0.8806 | 0.9106 | 0.9405 | 0.9703 | 1.0000 |
|                    | 0.1735 | 0.1877 | 0.2019 | 0.2161 | 0.2303 |
|                    | 0.2445 | 0.2587 | 0.2729 | 0.2871 | 0.3013 |
|                    | 0.3159 | 0.3385 | 0.3607 | 0.3827 | 0.4047 |
|                    | 0.4267 | 0.4652 | 0.5054 | 0.5322 | 0.5469 |
|                    | 0.5616 | 0.5763 | 0.5910 | 0.6057 | 0.6204 |
|                    | 0.6335 | 0.6452 | 0.6570 | 0.6709 | 0.6849 |
| Width:             | 0.6988 | 0.7128 | 0.7268 | 0.7407 | 0.7547 |
|                    | 0.7775 | 0.8169 | 0.8559 | 0.8912 | 0.9265 |
|                    | 0.9644 | 0.9736 | 0.9769 | 0.9802 | 0.9835 |
|                    | 0.9868 | 0.9901 | 0.9934 | 0.9967 | 1.0000 |
|                    | 0.0016 | 0.0043 | 0.0078 | 0.0120 | 0.0168 |
|                    | 0.0223 | 0.0283 | 0.0350 | 0.0421 | 0.0499 |
|                    | 0.0582 | 0.0672 | 0.0773 | 0.0888 | 0.1013 |
|                    | 0.1145 | 0.1289 | 0.1442 | 0.1605 | 0.1777 |
|                    | 0.0016 | 0.0043 | 0.0078 | 0.0120 | 0.0168 |
|                    | 0.0223 | 0.0283 | 0.0350 | 0.0421 | 0.0499 |
| Transect T-U012001 |        |        |        |        |        |
| Area:              |        |        |        |        |        |
|                    | 0.0016 | 0.0043 | 0.0078 | 0.0120 | 0.0168 |
|                    | 0.0223 | 0.0283 | 0.0350 | 0.0421 | 0.0499 |
|                    | 0.0582 | 0.0672 | 0.0773 | 0.0888 | 0.1013 |
|                    | 0.1145 | 0.1289 | 0.1442 | 0.1605 | 0.1777 |
|                    | 0.0016 | 0.0043 | 0.0078 | 0.0120 | 0.0168 |
|                    | 0.0223 | 0.0283 | 0.0350 | 0.0421 | 0.0499 |
|                    | 0.0582 | 0.0672 | 0.0773 | 0.0888 | 0.1013 |
|                    | 0.1145 | 0.1289 | 0.1442 | 0.1605 | 0.1777 |
|                    | 0.0016 | 0.0043 | 0.0078 | 0.0120 | 0.0168 |
|                    | 0.0223 | 0.0283 | 0.0350 | 0.0421 | 0.0499 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
|        | 0.1956 | 0.2145 | 0.2344 | 0.2549 | 0.2756 |
|        | 0.2968 | 0.3185 | 0.3413 | 0.3650 | 0.3891 |
|        | 0.4134 | 0.4379 | 0.4627 | 0.4878 | 0.5141 |
|        | 0.5412 | 0.5689 | 0.5970 | 0.6255 | 0.6544 |
|        | 0.6839 | 0.7140 | 0.7446 | 0.7764 | 0.8109 |
|        | 0.8462 | 0.8823 | 0.9197 | 0.9594 | 1.0000 |
| Hrad:  |        |        |        |        |        |
|        | 0.0297 | 0.0568 | 0.0839 | 0.1091 | 0.1351 |
|        | 0.1609 | 0.1861 | 0.2105 | 0.2343 | 0.2586 |
|        | 0.2796 | 0.2934 | 0.2963 | 0.3057 | 0.3267 |
|        | 0.3463 | 0.3593 | 0.3787 | 0.3975 | 0.4200 |
|        | 0.4407 | 0.4593 | 0.4797 | 0.5131 | 0.5465 |
|        | 0.5750 | 0.5999 | 0.6041 | 0.6333 | 0.6677 |
|        | 0.7019 | 0.7361 | 0.7701 | 0.7961 | 0.7959 |
|        | 0.8197 | 0.8464 | 0.8751 | 0.9051 | 0.9284 |
|        | 0.9525 | 0.9769 | 0.9958 | 0.9824 | 0.9609 |
|        | 0.9844 | 0.9956 | 0.9898 | 0.9924 | 1.0000 |
| Width: |        |        |        |        |        |
|        | 0.0536 | 0.0756 | 0.0927 | 0.1098 | 0.1247 |
|        | 0.1386 | 0.1523 | 0.1661 | 0.1798 | 0.1928 |
|        | 0.2080 | 0.2289 | 0.2608 | 0.2905 | 0.3100 |
|        | 0.3307 | 0.3587 | 0.3808 | 0.4038 | 0.4231 |
|        | 0.4440 | 0.4671 | 0.4886 | 0.4967 | 0.5043 |
|        | 0.5162 | 0.5309 | 0.5651 | 0.5764 | 0.5827 |
|        | 0.5890 | 0.5950 | 0.6009 | 0.6128 | 0.6460 |
|        | 0.6603 | 0.6722 | 0.6822 | 0.6910 | 0.7049 |
|        | 0.7181 | 0.7309 | 0.7478 | 0.7904 | 0.8439 |
|        | 0.8597 | 0.8863 | 0.9293 | 0.9668 | 1.0000 |

\*\*\*\*\*  
Analysis Options  
\*\*\*\*\*  
Flow Units ..... CMS  
Process Models:  
    Rainfall/Runoff ..... YES  
    RDII ..... NO  
    Snowmelt ..... NO  
    Groundwater ..... NO  
    Flow Routing ..... YES  
    Ponding Allowed ..... NO  
    Water Quality ..... NO  
Infiltration Method ..... CURVE\_NUMBER  
Flow Routing Method ..... DYNWAVE  
Surcharge Method ..... EXTRAN  
Starting Date ..... 04/10/2025 00:00:00  
Ending Date ..... 04/12/2025 00:00:00  
Antecedent Dry Days ..... 0.0  
Report Time Step ..... 00:01:00  
Wet Time Step ..... 00:05:00  
Dry Time Step ..... 00:05:00  
Routing Time Step ..... 5.00 sec  
Variable Time Step ..... YES  
Maximum Trials ..... 8  
Number of Threads ..... 6  
Head Tolerance ..... 0.001500 m

|                            |           |        |
|----------------------------|-----------|--------|
| *****                      | Volume    | Depth  |
| Runoff Quantity Continuity | hectare-m | mm     |
| *****                      | -----     | -----  |
| Total Precipitation .....  | 2.384     | 25.000 |
| Evaporation Loss .....     | 0.000     | 0.000  |
| Infiltration Loss .....    | 1.965     | 20.605 |
| Surface Runoff .....       | 0.303     | 3.179  |
| Final Storage .....        | 0.119     | 1.243  |
| Continuity Error (%) ..... | -0.104    |        |

|                            |           |          |
|----------------------------|-----------|----------|
| *****                      | Volume    | Volume   |
| Flow Routing Continuity    | hectare-m | 10^6 ltr |
| *****                      | -----     | -----    |
| Dry Weather Inflow .....   | 0.000     | 0.000    |
| Wet Weather Inflow .....   | 0.303     | 3.030    |
| Groundwater Inflow .....   | 0.000     | 0.000    |
| RDII Inflow .....          | 0.000     | 0.000    |
| External Inflow .....      | 0.000     | 0.000    |
| External Outflow .....     | 0.266     | 2.659    |
| Flooding Loss .....        | 0.000     | 0.000    |
| Evaporation Loss .....     | 0.000     | 0.000    |
| Exfiltration Loss .....    | 0.000     | 0.000    |
| Initial Stored Volume .... | 0.326     | 3.257    |
| Final Stored Volume .....  | 0.351     | 3.511    |
| Continuity Error (%) ..... | 1.845     |          |

\*\*\*\*\*  
Highest Continuity Errors  
\*\*\*\*\*  
Node T013042 (42.55%)  
Node T013044 (36.18%)  
Node T016001 (21.51%)  
Node T013037 (13.78%)  
Node T013033 (9.08%)

\*\*\*\*\*  
Time-Step Critical Elements  
\*\*\*\*\*  
Link PD\_IS\_HDPE300 (66.34%)  
Link PDDC01 (19.63%)  
Link C131 (2.73%)

\*\*\*\*\*  
Highest Flow Instability Indexes  
\*\*\*\*\*  
Link OFC\_CC600 (4)  
Link U013008 (2)  
Link OFB\_CC700 (2)  
Link U013020 (1)

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

\*\*\*\*\*  
Routing Time Step Summary  
\*\*\*\*\*  
Minimum Time Step : 0.00 sec  
Average Time Step : 2.70 sec  
Maximum Time Step : 5.00 sec  
% of Time in Steady State : 0.00  
Average Iterations per Step : 2.00  
% of Steps Not Converging : 0.00  
Time Step Frequencies :  
5.000 - 3.155 sec : 59.39 %  
3.155 - 1.991 sec : 7.65 %  
1.991 - 1.256 sec : 9.30 %  
1.256 - 0.792 sec : 9.93 %  
0.792 - 0.500 sec : 13.73 %

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

| Subcatchment | Total<br>Precip<br>mm | Total<br>Runon<br>mm | Total<br>Evap<br>mm | Total<br>Infil<br>mm | Imperv<br>Runoff<br>mm | Perv<br>Runoff<br>mm | Total<br>Runoff<br>mm | Total<br>Runoff<br>10^6 ltr | Peak<br>Runoff<br>CMS | Runoff<br>Coeff |
|--------------|-----------------------|----------------------|---------------------|----------------------|------------------------|----------------------|-----------------------|-----------------------------|-----------------------|-----------------|
| G009005_1    | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.05                        | 0.04                  | 0.066           |
| G009005_2    | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.03                        | 0.02                  | 0.066           |
| G012001      | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.05                        | 0.04                  | 0.066           |
| G013006      | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.02                        | 0.01                  | 0.066           |
| G013007      | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.04                        | 0.03                  | 0.066           |
| G013012      | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.02                        | 0.02                  | 0.066           |
| G013016_1    | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.03                        | 0.03                  | 0.066           |
| G013016_2    | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.02                        | 0.02                  | 0.066           |
| G013024      | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.04                        | 0.03                  | 0.066           |
| G013031      | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.04                        | 0.03                  | 0.066           |
| G013032      | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.03                        | 0.02                  | 0.066           |
| G013033      | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.05                        | 0.04                  | 0.066           |
| G013037      | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.04                        | 0.03                  | 0.066           |
| G013042      | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.02                        | 0.02                  | 0.066           |
| G013043      | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.03                        | 0.03                  | 0.066           |
| G013045      | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.03                        | 0.03                  | 0.066           |
| G014001      | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.06                        | 0.04                  | 0.066           |
| G015001_1    | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.02                        | 0.02                  | 0.066           |
| G015001_2    | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.02                        | 0.02                  | 0.066           |
| G015003_1    | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.03                        | 0.02                  | 0.066           |
| G015003_2    | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.02                        | 0.02                  | 0.066           |
| G016003_1    | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.02                        | 0.01                  | 0.066           |
| G016003_2    | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.03                        | 0.02                  | 0.066           |
| S1           | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.01                        | 0.01                  | 0.066           |
| S1_1         | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.00                        | 0.00                  | 0.066           |
| S1_10        | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.00                        | 0.00                  | 0.066           |
| S1_2         | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.00                        | 0.00                  | 0.066           |
| S1_3         | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.01                        | 0.01                  | 0.066           |
| S1_4         | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.01                        | 0.01                  | 0.066           |
| S1_5         | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.01                        | 0.00                  | 0.066           |
| S1_6         | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.00                        | 0.00                  | 0.066           |
| S1_7         | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.01                        | 0.01                  | 0.066           |
| S1_8         | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.00                        | 0.00                  | 0.066           |
| S10          | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.01                        | 0.01                  | 0.066           |
| S101_2       | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.02                        | 0.01                  | 0.066           |
| S102         | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.01                        | 0.01                  | 0.066           |
| S11          | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.02                        | 0.02                  | 0.066           |
| S112         | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.01                        | 0.01                  | 0.066           |
| S113         | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.01                        | 0.01                  | 0.066           |
| S115_2       | 25.00                 | 0.00                 | 0.00                | 4.06                 | 19.06                  | 0.69                 | 19.76                 | 0.00                        | 0.00                  | 0.790           |
| S130         | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.01                        | 0.01                  | 0.066           |
| S132         | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.02                        | 0.02                  | 0.066           |
| S137         | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.04                        | 0.03                  | 0.066           |
| S15_4        | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.00                        | 0.00                  | 0.066           |
| S16          | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.01                        | 0.01                  | 0.066           |
| S18          | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.01                        | 0.01                  | 0.066           |
| S19          | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.01                        | 0.01                  | 0.066           |
| S2           | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.01                        | 0.01                  | 0.066           |
| S2_13        | 25.00                 | 0.00                 | 0.00                | 3.98                 | 18.84                  | 0.78                 | 19.62                 | 0.00                        | 0.00                  | 0.785           |
| S2_14        | 25.00                 | 0.00                 | 0.00                | 3.98                 | 18.84                  | 0.78                 | 19.62                 | 0.01                        | 0.00                  | 0.785           |
| S2_15        | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.00                        | 0.00                  | 0.066           |
| S2_16        | 25.00                 | 3.36                 | 0.00                | 23.59                | 1.88                   | 1.65                 | 3.53                  | 0.02                        | 0.01                  | 0.125           |
| S2_18        | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.00                        | 0.00                  | 0.066           |
| S2_19        | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.00                        | 0.00                  | 0.066           |
| S2_20        | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.00                        | 0.00                  | 0.066           |
| S2_22        | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.00                        | 0.00                  | 0.066           |
| S2_23        | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.01                        | 0.00                  | 0.066           |
| S2_24        | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.00                        | 0.00                  | 0.066           |
| S2_25        | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.00                        | 0.00                  | 0.066           |
| S2_26        | 25.00                 | 0.00                 | 0.00                | 22.13                | 1.65                   | 0.00                 | 1.65                  | 0.00                        | 0.00                  | 0.066           |
| S2_30        | 25.00                 | 0.00                 | 0.00                | 3.98                 | 18.84                  | 0.78                 | 19.62                 | 0.01                        | 0.00                  | 0.785           |

|        |       |      |      |       |       |      |       |      |      |       |
|--------|-------|------|------|-------|-------|------|-------|------|------|-------|
| S2_31  | 25.00 | 0.00 | 0.00 | 3.98  | 18.84 | 0.78 | 19.62 | 0.00 | 0.00 | 0.785 |
| S2_32  | 25.00 | 0.00 | 0.00 | 3.98  | 18.84 | 0.78 | 19.62 | 0.00 | 0.00 | 0.785 |
| S2_34  | 25.00 | 0.00 | 0.00 | 3.98  | 18.84 | 0.78 | 19.62 | 0.00 | 0.00 | 0.785 |
| S2_35  | 25.00 | 0.00 | 0.00 | 3.98  | 18.84 | 0.78 | 19.62 | 0.00 | 0.00 | 0.785 |
| S2_36  | 25.00 | 0.00 | 0.00 | 3.98  | 18.87 | 0.79 | 19.66 | 0.01 | 0.01 | 0.786 |
| S2_37  | 25.00 | 0.00 | 0.00 | 3.98  | 18.84 | 0.78 | 19.62 | 0.00 | 0.00 | 0.785 |
| S2_38  | 25.00 | 0.00 | 0.00 | 3.98  | 18.84 | 0.78 | 19.62 | 0.01 | 0.00 | 0.785 |
| S2_39  | 25.00 | 0.00 | 0.00 | 3.98  | 18.84 | 0.78 | 19.62 | 0.01 | 0.01 | 0.785 |
| S2_4   | 25.00 | 0.00 | 0.00 | 4.12  | 19.05 | 0.63 | 19.68 | 0.00 | 0.00 | 0.787 |
| S2_40  | 25.00 | 0.00 | 0.00 | 3.98  | 18.84 | 0.78 | 19.62 | 0.00 | 0.00 | 0.785 |
| S2_41  | 25.00 | 0.00 | 0.00 | 3.98  | 18.84 | 0.78 | 19.62 | 0.00 | 0.00 | 0.785 |
| S20_1  | 25.00 | 0.00 | 0.00 | 0.00  | 23.83 | 0.00 | 23.83 | 0.14 | 0.11 | 0.953 |
| S20_10 | 25.00 | 0.00 | 0.00 | 0.00  | 23.83 | 0.00 | 23.83 | 0.14 | 0.11 | 0.953 |
| S20_11 | 25.00 | 0.00 | 0.00 | 0.00  | 23.83 | 0.00 | 23.83 | 0.17 | 0.14 | 0.953 |
| S20_12 | 25.00 | 0.00 | 0.00 | 4.11  | 19.06 | 0.65 | 19.70 | 0.01 | 0.01 | 0.788 |
| S20_13 | 25.00 | 0.00 | 0.00 | 0.00  | 23.83 | 0.00 | 23.83 | 0.19 | 0.15 | 0.953 |
| S20_2  | 25.00 | 0.00 | 0.00 | 4.07  | 19.07 | 0.68 | 19.75 | 0.02 | 0.02 | 0.790 |
| S20_3  | 25.00 | 0.00 | 0.00 | 0.00  | 23.83 | 0.00 | 23.83 | 0.24 | 0.19 | 0.953 |
| S20_6  | 25.00 | 0.00 | 0.00 | 4.07  | 19.07 | 0.68 | 19.75 | 0.02 | 0.02 | 0.790 |
| S20_7  | 25.00 | 0.00 | 0.00 | 0.00  | 23.83 | 0.00 | 23.83 | 0.04 | 0.03 | 0.953 |
| S20_8  | 25.00 | 0.00 | 0.00 | 0.00  | 23.83 | 0.00 | 23.83 | 0.18 | 0.14 | 0.953 |
| S20_9  | 25.00 | 0.00 | 0.00 | 0.00  | 23.83 | 0.00 | 23.83 | 0.14 | 0.11 | 0.953 |
| S22_4  | 25.00 | 0.00 | 0.00 | 4.03  | 19.02 | 0.72 | 19.74 | 0.01 | 0.01 | 0.790 |
| S22_5  | 25.00 | 0.00 | 0.00 | 4.03  | 19.02 | 0.72 | 19.74 | 0.01 | 0.01 | 0.790 |
| S23    | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.04 | 0.03 | 0.066 |
| S25    | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.02 | 0.02 | 0.066 |
| S29    | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.01 | 0.01 | 0.066 |
| S3     | 25.00 | 0.99 | 0.00 | 22.97 | 1.72  | 0.03 | 1.75  | 0.02 | 0.02 | 0.067 |
| S33    | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.02 | 0.02 | 0.066 |
| S34    | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.03 | 0.02 | 0.066 |
| S36    | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.02 | 0.02 | 0.066 |
| S37_2  | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.02 | 0.02 | 0.066 |
| S4     | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.00 | 0.00 | 0.066 |
| S44_3  | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.01 | 0.01 | 0.066 |
| S45    | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.01 | 0.01 | 0.066 |
| S48_1  | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.02 | 0.02 | 0.066 |
| S5     | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.04 | 0.04 | 0.066 |
| S51    | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.02 | 0.02 | 0.066 |
| S54    | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.01 | 0.01 | 0.066 |
| S56_1  | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.00 | 0.00 | 0.066 |
| S6     | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.01 | 0.01 | 0.066 |
| S61    | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.01 | 0.01 | 0.066 |
| S63_2  | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.01 | 0.00 | 0.066 |
| S63_3  | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.01 | 0.01 | 0.066 |
| S65    | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.02 | 0.01 | 0.066 |
| S69    | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.02 | 0.02 | 0.066 |
| S7     | 25.00 | 0.00 | 0.00 | 4.07  | 19.06 | 0.69 | 19.75 | 0.10 | 0.08 | 0.790 |
| S76_3  | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.01 | 0.01 | 0.066 |
| S77    | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.01 | 0.01 | 0.066 |
| S8     | 25.00 | 0.00 | 0.00 | 4.07  | 19.07 | 0.68 | 19.75 | 0.06 | 0.05 | 0.790 |
| S80_3  | 25.00 | 0.00 | 0.00 | 4.07  | 19.07 | 0.68 | 19.75 | 0.01 | 0.01 | 0.790 |
| S88_2  | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.02 | 0.01 | 0.066 |
| S88_3  | 25.00 | 0.00 | 0.00 | 4.06  | 19.06 | 0.70 | 19.76 | 0.01 | 0.01 | 0.790 |
| S9_1   | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.01 | 0.00 | 0.066 |
| S9_10  | 25.00 | 0.00 | 0.00 | 3.98  | 18.84 | 0.78 | 19.62 | 0.01 | 0.00 | 0.785 |
| S9_2   | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.00 | 0.00 | 0.066 |
| S9_3   | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.00 | 0.00 | 0.066 |
| S9_4   | 25.00 | 3.76 | 0.00 | 23.05 | 1.91  | 2.55 | 4.47  | 0.01 | 0.00 | 0.155 |
| S9_5   | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.00 | 0.00 | 0.066 |
| S9_6   | 25.00 | 2.92 | 0.00 | 23.66 | 1.85  | 1.16 | 3.02  | 0.01 | 0.00 | 0.108 |
| S9_7   | 25.00 | 4.51 | 0.00 | 24.12 | 1.97  | 2.17 | 4.14  | 0.01 | 0.00 | 0.140 |
| S9_8   | 25.00 | 0.00 | 0.00 | 3.98  | 18.84 | 0.78 | 19.62 | 0.01 | 0.00 | 0.785 |
| S9_9   | 25.00 | 0.00 | 0.00 | 3.98  | 18.84 | 0.78 | 19.62 | 0.01 | 0.01 | 0.785 |
| S90    | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.01 | 0.01 | 0.066 |
| S91_1  | 25.00 | 0.00 | 0.00 | 4.06  | 19.06 | 0.69 | 19.75 | 0.01 | 0.01 | 0.790 |
| S91_2  | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.00 | 0.00 | 0.066 |
| S92    | 25.00 | 0.00 | 0.00 | 22.13 | 1.65  | 0.00 | 1.65  | 0.01 | 0.01 | 0.066 |

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Node Depth Summary  
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| Node  | Type     | Average | Maximum | Maximum | Time of Max |        | Reported  |
|-------|----------|---------|---------|---------|-------------|--------|-----------|
|       |          | Depth   | Depth   | HGL     | Occurrence  |        | Max Depth |
|       |          | Meters  | Meters  | Meters  | days        | hr:min | Meters    |
| 16017 | JUNCTION | 0.04    | 0.16    | 93.58   | 0           | 02:43  | 0.16      |
| 16094 | JUNCTION | 0.00    | 0.00    | 92.18   | 0           | 00:00  | 0.00      |
| 16130 | JUNCTION | 0.05    | 0.16    | 93.58   | 0           | 02:47  | 0.16      |
| 25010 | JUNCTION | 0.01    | 0.06    | 94.46   | 0           | 02:01  | 0.06      |
| 25025 | JUNCTION | 0.01    | 0.11    | 94.74   | 0           | 01:58  | 0.11      |
| 26419 | JUNCTION | 0.00    | 0.00    | 94.00   | 0           | 00:00  | 0.00      |
| 26456 | JUNCTION | 0.09    | 0.14    | 94.37   | 0           | 02:09  | 0.14      |
| 26578 | JUNCTION | 0.00    | 0.00    | 95.36   | 0           | 00:00  | 0.00      |
| DDJ01 | JUNCTION | 0.01    | 0.07    | 100.44  | 0           | 01:51  | 0.07      |
| DDJ02 | JUNCTION | 0.01    | 0.11    | 100.14  | 0           | 01:52  | 0.11      |
| DDJ03 | JUNCTION | 0.01    | 0.09    | 100.01  | 0           | 01:55  | 0.09      |
| DDJ04 | JUNCTION | 0.01    | 0.09    | 99.78   | 0           | 01:58  | 0.09      |
| DDJ05 | JUNCTION | 0.01    | 0.10    | 99.48   | 0           | 02:00  | 0.10      |
| DDJ06 | JUNCTION | 0.01    | 0.08    | 99.30   | 0           | 02:02  | 0.08      |
| DDJ07 | JUNCTION | 0.01    | 0.08    | 98.46   | 0           | 02:04  | 0.08      |
| DDJ08 | JUNCTION | 0.01    | 0.08    | 98.10   | 0           | 02:06  | 0.08      |
| DDJ09 | JUNCTION | 0.01    | 0.09    | 97.94   | 0           | 02:06  | 0.09      |
| DDJ10 | JUNCTION | 0.01    | 0.07    | 97.76   | 0           | 02:07  | 0.07      |
| DDJ11 | JUNCTION | 0.01    | 0.07    | 97.54   | 0           | 02:08  | 0.07      |
| DDJ12 | JUNCTION | 0.01    | 0.09    | 97.37   | 0           | 02:08  | 0.09      |
| DDJ13 | JUNCTION | 0.01    | 0.07    | 97.11   | 0           | 02:10  | 0.07      |
| DDJ14 | JUNCTION | 0.01    | 0.08    | 96.35   | 0           | 02:13  | 0.08      |
| J101  | JUNCTION | 0.01    | 0.06    | 99.12   | 0           | 01:40  | 0.06      |
| J117  | JUNCTION | 0.01    | 0.11    | 100.56  | 0           | 01:48  | 0.11      |
| J14   | JUNCTION | 0.01    | 0.09    | 92.15   | 0           | 01:59  | 0.09      |

|         |          |      |      |        |   |       |      |
|---------|----------|------|------|--------|---|-------|------|
| J152    | JUNCTION | 0.00 | 0.04 | 102.63 | 0 | 01:40 | 0.04 |
| J160    | JUNCTION | 0.00 | 0.05 | 103.59 | 0 | 01:38 | 0.05 |
| J17     | JUNCTION | 0.02 | 0.14 | 92.87  | 0 | 01:58 | 0.14 |
| J2      | JUNCTION | 0.01 | 0.08 | 93.58  | 0 | 02:47 | 0.08 |
| J24     | JUNCTION | 0.00 | 0.00 | 96.89  | 0 | 00:00 | 0.00 |
| J253    | JUNCTION | 0.00 | 0.06 | 102.25 | 0 | 01:43 | 0.06 |
| J259    | JUNCTION | 0.00 | 0.06 | 99.38  | 0 | 01:52 | 0.06 |
| J26     | JUNCTION | 0.00 | 0.15 | 98.07  | 0 | 01:40 | 0.15 |
| J274    | JUNCTION | 0.01 | 0.07 | 91.45  | 0 | 02:00 | 0.07 |
| J276    | JUNCTION | 0.00 | 0.07 | 96.33  | 0 | 01:45 | 0.07 |
| J28     | JUNCTION | 0.00 | 0.08 | 100.40 | 0 | 01:43 | 0.08 |
| J29     | JUNCTION | 0.01 | 0.20 | 101.25 | 0 | 01:43 | 0.20 |
| J3      | JUNCTION | 0.00 | 0.06 | 102.36 | 0 | 01:40 | 0.06 |
| J30     | JUNCTION | 0.00 | 0.16 | 101.47 | 0 | 01:41 | 0.16 |
| J31     | JUNCTION | 0.00 | 0.11 | 101.92 | 0 | 01:40 | 0.11 |
| J32     | JUNCTION | 0.00 | 0.08 | 102.16 | 0 | 01:40 | 0.08 |
| J33     | JUNCTION | 0.01 | 0.12 | 95.01  | 0 | 01:47 | 0.12 |
| J34     | JUNCTION | 0.00 | 0.05 | 102.55 | 0 | 01:40 | 0.05 |
| J35     | JUNCTION | 0.06 | 0.21 | 94.98  | 0 | 01:52 | 0.21 |
| J36     | JUNCTION | 0.00 | 0.02 | 94.54  | 0 | 01:59 | 0.02 |
| J38     | JUNCTION | 0.30 | 0.47 | 97.17  | 0 | 04:28 | 0.47 |
| J39     | JUNCTION | 0.01 | 0.46 | 97.98  | 0 | 01:41 | 0.46 |
| J43     | JUNCTION | 0.01 | 0.09 | 94.90  | 0 | 01:54 | 0.09 |
| J46     | JUNCTION | 0.00 | 0.04 | 98.28  | 0 | 01:40 | 0.04 |
| J47     | JUNCTION | 0.01 | 0.41 | 97.61  | 0 | 01:41 | 0.41 |
| J48     | JUNCTION | 0.00 | 0.13 | 98.41  | 0 | 01:40 | 0.13 |
| J49     | JUNCTION | 0.00 | 0.07 | 101.07 | 0 | 01:40 | 0.07 |
| J5      | JUNCTION | 0.01 | 0.08 | 91.88  | 0 | 01:44 | 0.08 |
| J50     | JUNCTION | 0.00 | 0.06 | 98.89  | 0 | 01:40 | 0.06 |
| J51     | JUNCTION | 0.01 | 0.54 | 98.84  | 0 | 01:40 | 0.54 |
| J52     | JUNCTION | 0.00 | 0.11 | 100.11 | 0 | 01:40 | 0.11 |
| J53     | JUNCTION | 0.00 | 0.03 | 97.14  | 0 | 01:38 | 0.03 |
| J54     | JUNCTION | 0.00 | 0.22 | 99.31  | 0 | 01:40 | 0.22 |
| J55     | JUNCTION | 0.00 | 0.21 | 98.84  | 0 | 01:40 | 0.20 |
| J56     | JUNCTION | 0.01 | 0.41 | 98.01  | 0 | 01:41 | 0.41 |
| J58     | JUNCTION | 0.00 | 0.02 | 99.60  | 0 | 01:40 | 0.02 |
| J59     | JUNCTION | 0.00 | 0.03 | 99.13  | 0 | 01:40 | 0.03 |
| J60     | JUNCTION | 0.00 | 0.05 | 98.56  | 0 | 01:40 | 0.05 |
| J61     | JUNCTION | 0.00 | 0.10 | 98.41  | 0 | 01:41 | 0.10 |
| J62     | JUNCTION | 0.00 | 0.03 | 102.03 | 0 | 01:40 | 0.03 |
| J63     | JUNCTION | 0.00 | 0.06 | 99.66  | 0 | 01:40 | 0.06 |
| J64     | JUNCTION | 0.01 | 0.10 | 97.60  | 0 | 01:42 | 0.10 |
| J65     | JUNCTION | 0.00 | 0.06 | 99.21  | 0 | 01:41 | 0.06 |
| J66     | JUNCTION | 0.00 | 0.05 | 98.45  | 0 | 01:43 | 0.05 |
| J67     | JUNCTION | 0.00 | 0.07 | 96.07  | 0 | 01:43 | 0.07 |
| J68     | JUNCTION | 0.00 | 0.13 | 94.99  | 0 | 01:43 | 0.13 |
| J69     | JUNCTION | 0.01 | 0.19 | 94.83  | 0 | 01:44 | 0.19 |
| J70     | JUNCTION | 0.00 | 0.11 | 99.57  | 0 | 01:40 | 0.11 |
| J71     | JUNCTION | 0.00 | 0.08 | 98.08  | 0 | 01:40 | 0.08 |
| J72     | JUNCTION | 0.00 | 0.12 | 97.68  | 0 | 01:40 | 0.12 |
| J73     | JUNCTION | 0.00 | 0.00 | 99.79  | 0 | 00:00 | 0.00 |
| J8      | JUNCTION | 0.01 | 0.10 | 90.61  | 0 | 02:03 | 0.10 |
| J80     | JUNCTION | 0.01 | 0.06 | 98.14  | 0 | 01:43 | 0.06 |
| J87     | JUNCTION | 0.00 | 0.08 | 100.06 | 0 | 01:40 | 0.08 |
| J88     | JUNCTION | 0.00 | 0.11 | 101.71 | 0 | 01:42 | 0.11 |
| J89     | JUNCTION | 0.01 | 0.36 | 98.01  | 0 | 01:41 | 0.36 |
| J9      | JUNCTION | 0.01 | 0.29 | 97.92  | 0 | 01:40 | 0.29 |
| J90     | JUNCTION | 0.00 | 0.00 | 102.50 | 0 | 00:00 | 0.00 |
| J92     | JUNCTION | 0.00 | 0.06 | 98.34  | 0 | 01:43 | 0.06 |
| J93     | JUNCTION | 0.00 | 0.09 | 99.29  | 0 | 01:42 | 0.09 |
| J94     | JUNCTION | 0.01 | 0.25 | 98.07  | 0 | 01:40 | 0.25 |
| PDDJ01  | JUNCTION | 0.06 | 0.07 | 96.74  | 0 | 04:29 | 0.07 |
| PDDJ02  | JUNCTION | 0.06 | 0.08 | 96.72  | 0 | 04:29 | 0.08 |
| PDDJ03  | JUNCTION | 0.06 | 0.07 | 96.68  | 0 | 04:30 | 0.07 |
| PDDJ04  | JUNCTION | 0.06 | 0.08 | 96.60  | 0 | 04:32 | 0.08 |
| PDDJ05  | JUNCTION | 0.06 | 0.08 | 96.38  | 0 | 04:35 | 0.08 |
| PDDJ06  | JUNCTION | 0.08 | 0.10 | 96.29  | 0 | 04:37 | 0.10 |
| PDDJ07  | JUNCTION | 0.04 | 0.05 | 96.10  | 0 | 04:10 | 0.05 |
| PDDJ08  | JUNCTION | 0.05 | 0.07 | 95.57  | 0 | 01:41 | 0.07 |
| PDDJ09  | JUNCTION | 0.07 | 0.09 | 95.38  | 0 | 01:41 | 0.09 |
| PDDJ10  | JUNCTION | 0.03 | 0.05 | 95.21  | 0 | 01:41 | 0.05 |
| PDDJ11  | JUNCTION | 0.06 | 0.10 | 94.40  | 0 | 02:07 | 0.10 |
| T009007 | JUNCTION | 0.00 | 0.00 | 100.64 | 0 | 00:00 | 0.00 |
| T012001 | JUNCTION | 0.00 | 0.04 | 101.04 | 0 | 01:40 | 0.04 |
| T013002 | JUNCTION | 0.01 | 0.07 | 100.71 | 0 | 01:49 | 0.07 |
| T013003 | JUNCTION | 0.01 | 0.06 | 100.88 | 0 | 01:46 | 0.06 |
| T013006 | JUNCTION | 0.01 | 0.04 | 101.39 | 0 | 01:49 | 0.04 |
| T013007 | JUNCTION | 0.01 | 0.06 | 101.72 | 0 | 01:48 | 0.06 |
| T013012 | JUNCTION | 0.02 | 0.06 | 103.53 | 0 | 01:44 | 0.06 |
| T013016 | JUNCTION | 0.05 | 0.09 | 103.54 | 0 | 01:44 | 0.09 |
| T013019 | JUNCTION | 0.02 | 0.03 | 104.48 | 0 | 03:18 | 0.03 |
| T013020 | JUNCTION | 0.03 | 0.04 | 104.83 | 0 | 03:15 | 0.04 |
| T013021 | JUNCTION | 0.00 | 0.01 | 105.13 | 0 | 03:13 | 0.01 |
| T013022 | JUNCTION | 0.02 | 0.05 | 105.51 | 0 | 03:09 | 0.05 |
| T013023 | JUNCTION | 0.01 | 0.05 | 105.84 | 0 | 01:50 | 0.05 |
| T013024 | JUNCTION | 0.01 | 0.03 | 106.15 | 0 | 01:44 | 0.03 |
| T013025 | JUNCTION | 0.01 | 0.03 | 106.32 | 0 | 02:42 | 0.03 |
| T013031 | JUNCTION | 0.01 | 0.03 | 107.35 | 0 | 02:07 | 0.03 |
| T013032 | JUNCTION | 0.01 | 0.03 | 107.74 | 0 | 03:08 | 0.03 |
| T013033 | JUNCTION | 0.01 | 0.03 | 108.29 | 0 | 01:44 | 0.03 |
| T013037 | JUNCTION | 0.01 | 0.02 | 108.56 | 0 | 03:33 | 0.02 |
| T013042 | JUNCTION | 0.03 | 0.04 | 108.56 | 0 | 04:10 | 0.04 |
| T013044 | JUNCTION | 0.02 | 0.03 | 108.56 | 0 | 04:10 | 0.03 |
| T013045 | JUNCTION | 0.01 | 0.04 | 108.58 | 0 | 01:43 | 0.04 |
| T014001 | JUNCTION | 0.02 | 0.10 | 103.58 | 0 | 01:36 | 0.10 |
| T015001 | JUNCTION | 0.01 | 0.04 | 104.58 | 0 | 02:04 | 0.04 |
| T015003 | JUNCTION | 0.02 | 0.04 | 106.18 | 0 | 01:44 | 0.04 |
| T016001 | JUNCTION | 0.01 | 0.04 | 108.65 | 0 | 02:09 | 0.04 |
| T016003 | JUNCTION | 0.02 | 0.07 | 108.84 | 0 | 01:43 | 0.07 |
| T043003 | JUNCTION | 0.01 | 0.06 | 101.23 | 0 | 01:42 | 0.06 |
| OF-A    | OUTFALL  | 0.00 | 0.05 | 91.55  | 0 | 01:44 | 0.05 |
| OF-B    | OUTFALL  | 0.03 | 0.13 | 93.43  | 0 | 02:47 | 0.13 |
| OF-C    | OUTFALL  | 0.06 | 0.11 | 94.26  | 0 | 02:09 | 0.11 |

|       |         |      |      |       |   |       |      |
|-------|---------|------|------|-------|---|-------|------|
| OF-EX | OUTFALL | 0.01 | 0.05 | 89.67 | 0 | 02:03 | 0.05 |
| SU1   | STORAGE | 1.50 | 1.68 | 97.18 | 0 | 04:28 | 1.68 |

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Node Inflow Summary  
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| Node   | Type     | Maximum<br>Lateral<br>Inflow<br>CMS | Maximum<br>Total<br>Inflow<br>CMS | Time of Max<br>Occurrence<br>days hr:min |       | Lateral<br>Inflow<br>Volume<br>10^6 ltr | Total<br>Inflow<br>Volume<br>10^6 ltr | Flow<br>Balance<br>Error<br>Percent |     |
|--------|----------|-------------------------------------|-----------------------------------|------------------------------------------|-------|-----------------------------------------|---------------------------------------|-------------------------------------|-----|
|        |          |                                     |                                   |                                          |       |                                         |                                       |                                     |     |
| 16017  | JUNCTION | 0.017                               | 0.021                             | 0                                        | 02:21 | 0.0211                                  | 0.0568                                | 0.584                               |     |
| 16094  | JUNCTION | 0.000                               | 0.000                             | 0                                        | 00:00 | 0                                       | 0                                     | 0.000                               | ltr |
| 16130  | JUNCTION | 0.021                               | 0.100                             | 0                                        | 02:13 | 0.0251                                  | 0.845                                 | 0.901                               |     |
| 25010  | JUNCTION | 0.004                               | 0.019                             | 0                                        | 01:59 | 0.0074                                  | 0.095                                 | 0.029                               |     |
| 25025  | JUNCTION | 0.009                               | 0.036                             | 0                                        | 01:43 | 0.0118                                  | 0.0879                                | 0.250                               |     |
| 26419  | JUNCTION | 0.000                               | 0.000                             | 0                                        | 00:00 | 0                                       | 0                                     | 0.000                               | ltr |
| 26456  | JUNCTION | 0.000                               | 0.030                             | 0                                        | 02:07 | 0                                       | 1.42                                  | 0.061                               |     |
| 26578  | JUNCTION | 0.000                               | 0.000                             | 0                                        | 00:00 | 0                                       | 0                                     | 0.000                               | ltr |
| DDJ01  | JUNCTION | 0.000                               | 0.080                             | 0                                        | 01:50 | 0                                       | 0.456                                 | 0.083                               |     |
| DDJ02  | JUNCTION | 0.000                               | 0.109                             | 0                                        | 01:51 | 0                                       | 0.564                                 | 0.041                               |     |
| DDJ03  | JUNCTION | 0.021                               | 0.113                             | 0                                        | 01:52 | 0.0258                                  | 0.641                                 | 0.209                               |     |
| DDJ04  | JUNCTION | 0.019                               | 0.103                             | 0                                        | 01:56 | 0.0238                                  | 0.663                                 | 0.063                               |     |
| DDJ05  | JUNCTION | 0.012                               | 0.102                             | 0                                        | 01:58 | 0.0144                                  | 0.677                                 | 0.055                               |     |
| DDJ06  | JUNCTION | 0.006                               | 0.101                             | 0                                        | 02:00 | 0.00697                                 | 0.684                                 | 0.059                               |     |
| DDJ07  | JUNCTION | 0.010                               | 0.100                             | 0                                        | 02:02 | 0.0118                                  | 0.695                                 | 0.074                               |     |
| DDJ08  | JUNCTION | 0.000                               | 0.099                             | 0                                        | 02:05 | 0                                       | 0.694                                 | 0.039                               |     |
| DDJ09  | JUNCTION | 0.003                               | 0.099                             | 0                                        | 02:06 | 0.00412                                 | 0.698                                 | 0.028                               |     |
| DDJ10  | JUNCTION | 0.000                               | 0.099                             | 0                                        | 02:07 | 0                                       | 0.698                                 | 0.015                               |     |
| DDJ11  | JUNCTION | 0.000                               | 0.099                             | 0                                        | 02:07 | 0                                       | 0.698                                 | 0.021                               |     |
| DDJ12  | JUNCTION | 0.003                               | 0.099                             | 0                                        | 02:08 | 0.00325                                 | 0.701                                 | 0.014                               |     |
| DDJ13  | JUNCTION | 0.000                               | 0.099                             | 0                                        | 02:09 | 0                                       | 0.701                                 | 0.062                               |     |
| DDJ14  | JUNCTION | 0.016                               | 0.101                             | 0                                        | 02:10 | 0.0199                                  | 0.741                                 | -0.153                              |     |
| J101   | JUNCTION | 0.017                               | 0.038                             | 0                                        | 01:52 | 0.0209                                  | 0.146                                 | 0.042                               |     |
| J117   | JUNCTION | 0.016                               | 0.059                             | 0                                        | 01:41 | 0.0199                                  | 0.105                                 | 1.705                               |     |
| J14    | JUNCTION | 0.008                               | 0.061                             | 0                                        | 01:58 | 0.01                                    | 0.356                                 | 0.055                               |     |
| J152   | JUNCTION | 0.016                               | 0.016                             | 0                                        | 01:35 | 0.0196                                  | 0.0196                                | -0.144                              |     |
| J160   | JUNCTION | 0.037                               | 0.037                             | 0                                        | 01:40 | 0.0459                                  | 0.0459                                | -0.153                              |     |
| J17    | JUNCTION | 0.015                               | 0.061                             | 0                                        | 01:54 | 0.0184                                  | 0.346                                 | 0.102                               |     |
| J2     | JUNCTION | 0.000                               | 0.018                             | 0                                        | 02:08 | 0                                       | 0.021                                 | 1.128                               |     |
| J24    | JUNCTION | 0.000                               | 0.000                             | 0                                        | 00:00 | 0                                       | 0                                     | 0.000                               | ltr |
| J253   | JUNCTION | 0.015                               | 0.070                             | 0                                        | 01:39 | 0.0186                                  | 0.0843                                | -1.086                              |     |
| J259   | JUNCTION | 0.017                               | 0.038                             | 0                                        | 01:49 | 0.0212                                  | 0.125                                 | -0.142                              |     |
| J26    | JUNCTION | 0.001                               | 0.028                             | 0                                        | 01:41 | 0.0012                                  | 0.0483                                | 0.061                               |     |
| J274   | JUNCTION | 0.011                               | 0.062                             | 0                                        | 01:59 | 0.0137                                  | 0.369                                 | -0.015                              |     |
| J276   | JUNCTION | 0.006                               | 0.063                             | 0                                        | 01:42 | 0.00739                                 | 0.215                                 | 0.119                               |     |
| J28    | JUNCTION | 0.000                               | 0.063                             | 0                                        | 01:43 | 0                                       | 0.107                                 | -0.005                              |     |
| J29    | JUNCTION | 0.007                               | 0.071                             | 0                                        | 01:40 | 0.00939                                 | 0.108                                 | 0.075                               |     |
| J3     | JUNCTION | 0.014                               | 0.014                             | 0                                        | 01:35 | 0.0166                                  | 0.0166                                | -0.080                              |     |
| J30    | JUNCTION | 0.039                               | 0.068                             | 0                                        | 01:40 | 0.0475                                  | 0.098                                 | -0.177                              |     |
| J31    | JUNCTION | 0.011                               | 0.033                             | 0                                        | 01:40 | 0.0146                                  | 0.0438                                | -0.063                              |     |
| J32    | JUNCTION | 0.010                               | 0.023                             | 0                                        | 01:40 | 0.0125                                  | 0.0292                                | 0.010                               |     |
| J33    | JUNCTION | 0.035                               | 0.072                             | 0                                        | 01:40 | 0.0432                                  | 0.258                                 | 0.114                               |     |
| J34    | JUNCTION | 0.009                               | 0.009                             | 0                                        | 01:40 | 0.0119                                  | 0.0119                                | -0.091                              |     |
| J35    | JUNCTION | 0.018                               | 0.065                             | 0                                        | 01:43 | 0.0223                                  | 0.282                                 | 1.435                               |     |
| J36    | JUNCTION | 0.000                               | 0.019                             | 0                                        | 01:59 | 0                                       | 0.0877                                | 0.005                               |     |
| J38    | JUNCTION | 0.000                               | 0.013                             | 0                                        | 04:27 | 0                                       | 1.3                                   | 0.014                               |     |
| J39    | JUNCTION | 0.029                               | 0.691                             | 0                                        | 01:40 | 0.0367                                  | 0.979                                 | 0.040                               |     |
| J43    | JUNCTION | 0.041                               | 0.061                             | 0                                        | 01:51 | 0.0501                                  | 0.328                                 | -0.300                              |     |
| J46    | JUNCTION | 0.004                               | 0.019                             | 0                                        | 01:40 | 0.00492                                 | 0.0273                                | -0.007                              |     |
| J47    | JUNCTION | 0.111                               | 0.887                             | 0                                        | 01:40 | 0.141                                   | 1.26                                  | 0.067                               |     |
| J48    | JUNCTION | 0.114                               | 0.114                             | 0                                        | 01:40 | 0.145                                   | 0.145                                 | -0.051                              |     |
| J49    | JUNCTION | 0.048                               | 0.048                             | 0                                        | 01:40 | 0.0627                                  | 0.0627                                | -0.038                              |     |
| J5     | JUNCTION | 0.036                               | 0.036                             | 0                                        | 01:40 | 0.044                                   | 0.044                                 | 0.200                               |     |
| J50    | JUNCTION | 0.019                               | 0.066                             | 0                                        | 01:40 | 0.0246                                  | 0.0873                                | -0.011                              |     |
| J51    | JUNCTION | 0.136                               | 0.428                             | 0                                        | 01:40 | 0.173                                   | 0.562                                 | -0.019                              |     |
| J52    | JUNCTION | 0.075                               | 0.075                             | 0                                        | 01:40 | 0.0972                                  | 0.0972                                | -0.042                              |     |
| J53    | JUNCTION | 0.017                               | 0.017                             | 0                                        | 01:35 | 0.0207                                  | 0.0207                                | -0.207                              |     |
| J54    | JUNCTION | 0.016                               | 0.090                             | 0                                        | 01:40 | 0.0211                                  | 0.118                                 | 0.023                               |     |
| J55    | JUNCTION | 0.145                               | 0.233                             | 0                                        | 01:40 | 0.184                                   | 0.302                                 | -0.024                              |     |
| J56    | JUNCTION | 0.112                               | 0.261                             | 0                                        | 01:40 | 0.142                                   | 0.38                                  | -0.005                              |     |
| J58    | JUNCTION | 0.007                               | 0.007                             | 0                                        | 01:40 | 0.00945                                 | 0.00945                               | -0.089                              |     |
| J59    | JUNCTION | 0.003                               | 0.010                             | 0                                        | 01:40 | 0.00425                                 | 0.0137                                | -0.003                              |     |
| J60    | JUNCTION | 0.004                               | 0.014                             | 0                                        | 01:40 | 0.00513                                 | 0.0188                                | -0.050                              |     |
| J61    | JUNCTION | 0.003                               | 0.017                             | 0                                        | 01:40 | 0.00352                                 | 0.0224                                | 0.089                               |     |
| J62    | JUNCTION | 0.003                               | 0.012                             | 0                                        | 01:40 | 0.00347                                 | 0.0154                                | 0.021                               |     |
| J63    | JUNCTION | 0.005                               | 0.017                             | 0                                        | 01:40 | 0.00733                                 | 0.0227                                | -0.041                              |     |
| J64    | JUNCTION | 0.028                               | 0.062                             | 0                                        | 01:40 | 0.0343                                  | 0.208                                 | -0.139                              |     |
| J65    | JUNCTION | 0.003                               | 0.019                             | 0                                        | 01:41 | 0.00406                                 | 0.0267                                | -0.055                              |     |
| J66    | JUNCTION | 0.003                               | 0.021                             | 0                                        | 01:41 | 0.00377                                 | 0.0305                                | 0.045                               |     |
| J67    | JUNCTION | 0.012                               | 0.027                             | 0                                        | 01:41 | 0.0145                                  | 0.045                                 | -0.029                              |     |
| J68    | JUNCTION | 0.016                               | 0.037                             | 0                                        | 01:40 | 0.02                                    | 0.065                                 | -0.134                              |     |
| J69    | JUNCTION | 0.009                               | 0.037                             | 0                                        | 01:41 | 0.011                                   | 0.0761                                | -0.038                              |     |
| J70    | JUNCTION | 0.000                               | 0.075                             | 0                                        | 01:40 | 0                                       | 0.0973                                | 0.015                               |     |
| J71    | JUNCTION | 0.009                               | 0.028                             | 0                                        | 01:40 | 0.0197                                  | 0.047                                 | -0.009                              |     |
| J72    | JUNCTION | 0.000                               | 0.110                             | 0                                        | 01:40 | 0                                       | 0.145                                 | -0.030                              |     |
| J73    | JUNCTION | 0.000                               | 0.000                             | 0                                        | 00:00 | 0                                       | 0                                     | 0.000                               | ltr |
| J8     | JUNCTION | 0.015                               | 0.063                             | 0                                        | 02:00 | 0.0184                                  | 0.388                                 | 0.093                               |     |
| J80    | JUNCTION | 0.010                               | 0.045                             | 0                                        | 01:42 | 0.0128                                  | 0.174                                 | 0.170                               |     |
| J87    | JUNCTION | 0.000                               | 0.048                             | 0                                        | 01:40 | 0                                       | 0.0628                                | 0.022                               |     |
| J88    | JUNCTION | 0.005                               | 0.036                             | 0                                        | 01:40 | 0.00675                                 | 0.0506                                | 0.175                               |     |
| J89    | JUNCTION | 0.000                               | 0.165                             | 0                                        | 01:40 | 0                                       | 0.238                                 | 0.128                               |     |
| J9     | JUNCTION | 0.000                               | 0.113                             | 0                                        | 01:40 | 0                                       | 0.145                                 | 0.049                               |     |
| J90    | JUNCTION | 0.000                               | 0.000                             | 0                                        | 00:00 | 0                                       | 0                                     | 0.000                               | ltr |
| J92    | JUNCTION | 0.013                               | 0.048                             | 0                                        | 01:40 | 0.0153                                  | 0.161                                 | 0.068                               |     |
| J93    | JUNCTION | 0.000                               | 0.017                             | 0                                        | 01:40 | 0                                       | 0.0227                                | 0.066                               |     |
| J94    | JUNCTION | 0.149                               | 0.172                             | 0                                        | 01:40 | 0.189                                   | 0.237                                 | -0.137                              |     |
| PDDJ01 | JUNCTION | 0.000                               | 0.013                             | 0                                        | 04:28 | 0                                       | 1.3                                   | 0.004                               |     |
| PDDJ02 | JUNCTION | 0.000                               | 0.013                             | 0                                        | 04:28 | 0                                       | 1.3                                   | 0.029                               |     |
| PDDJ03 | JUNCTION | 0.000                               | 0.013                             | 0                                        | 04:29 | 0                                       | 1.3                                   | 0.021                               |     |

|         |          |       |       |   |       |         |        |           |
|---------|----------|-------|-------|---|-------|---------|--------|-----------|
| PDDJ04  | JUNCTION | 0.001 | 0.013 | 0 | 04:30 | 0.0012  | 1.3    | 0.052     |
| PDDJ05  | JUNCTION | 0.002 | 0.013 | 0 | 04:10 | 0.00274 | 1.3    | 0.065     |
| PDDJ06  | JUNCTION | 0.002 | 0.013 | 0 | 04:10 | 0.00254 | 1.3    | 0.092     |
| PDDJ07  | JUNCTION | 0.008 | 0.013 | 0 | 04:10 | 0.00933 | 1.31   | 0.034     |
| PDDJ08  | JUNCTION | 0.003 | 0.014 | 0 | 01:40 | 0.00817 | 1.32   | 0.040     |
| PDDJ09  | JUNCTION | 0.004 | 0.017 | 0 | 01:40 | 0.00812 | 1.33   | 0.045     |
| PDDJ10  | JUNCTION | 0.003 | 0.019 | 0 | 01:40 | 0.00352 | 1.33   | 0.018     |
| PDDJ11  | JUNCTION | 0.000 | 0.031 | 0 | 02:05 | 0       | 1.42   | 0.069     |
| T009007 | JUNCTION | 0.000 | 0.000 | 0 | 00:00 | 0       | 0      | 0.000 ltr |
| T012001 | JUNCTION | 0.041 | 0.041 | 0 | 01:40 | 0.0504  | 0.0504 | -1.857    |
| T013002 | JUNCTION | 0.000 | 0.081 | 0 | 01:47 | 0       | 0.457  | 0.129     |
| T013003 | JUNCTION | 0.000 | 0.076 | 0 | 01:44 | 0       | 0.458  | 0.308     |
| T013006 | JUNCTION | 0.013 | 0.055 | 0 | 01:48 | 0.0157  | 0.459  | 0.075     |
| T013007 | JUNCTION | 0.032 | 0.069 | 0 | 01:41 | 0.0388  | 0.445  | 0.440     |
| T013012 | JUNCTION | 0.020 | 0.086 | 0 | 01:40 | 0.0239  | 0.415  | 2.134     |
| T013016 | JUNCTION | 0.047 | 0.047 | 0 | 01:40 | 0.0576  | 0.256  | 1.314     |
| T013019 | JUNCTION | 0.000 | 0.010 | 0 | 03:16 | 0       | 0.201  | 1.363     |
| T013020 | JUNCTION | 0.000 | 0.010 | 0 | 03:13 | 0       | 0.206  | 2.196     |
| T013021 | JUNCTION | 0.000 | 0.011 | 0 | 01:57 | 0       | 0.206  | 0.132     |
| T013022 | JUNCTION | 0.000 | 0.016 | 0 | 01:54 | 0       | 0.208  | 0.988     |
| T013023 | JUNCTION | 0.000 | 0.014 | 0 | 01:45 | 0       | 0.208  | 0.075     |
| T013024 | JUNCTION | 0.030 | 0.030 | 0 | 01:40 | 0.0364  | 0.212  | 1.610     |
| T013025 | JUNCTION | 0.000 | 0.014 | 0 | 02:26 | 0       | 0.183  | 4.590     |
| T013031 | JUNCTION | 0.032 | 0.034 | 0 | 01:40 | 0.0392  | 0.185  | 1.051     |
| T013032 | JUNCTION | 0.023 | 0.026 | 0 | 01:40 | 0.0277  | 0.15   | 2.517     |
| T013033 | JUNCTION | 0.038 | 0.040 | 0 | 01:36 | 0.047   | 0.134  | 9.983     |
| T013037 | JUNCTION | 0.029 | 0.030 | 0 | 01:39 | 0.036   | 0.109  | 15.979    |
| T013042 | JUNCTION | 0.019 | 0.020 | 0 | 01:38 | 0.0231  | 0.068  | 74.055    |
| T013044 | JUNCTION | 0.028 | 0.034 | 0 | 01:40 | 0.0338  | 0.0605 | 56.690    |
| T013045 | JUNCTION | 0.025 | 0.025 | 0 | 01:35 | 0.0307  | 0.0307 | 14.573    |
| T014001 | JUNCTION | 0.045 | 0.045 | 0 | 01:40 | 0.0551  | 0.0551 | -0.625    |
| T015001 | JUNCTION | 0.034 | 0.041 | 0 | 01:40 | 0.0417  | 0.087  | 4.742     |
| T015003 | JUNCTION | 0.038 | 0.038 | 0 | 01:40 | 0.0462  | 0.0462 | 1.893     |
| T016001 | JUNCTION | 0.000 | 0.024 | 0 | 01:37 | 0       | 0.0427 | 27.403    |
| T016003 | JUNCTION | 0.036 | 0.036 | 0 | 01:40 | 0.044   | 0.044  | 3.184     |
| T043003 | JUNCTION | 0.000 | 0.055 | 0 | 01:49 | 0       | 0.459  | 0.080     |
| OF-A    | OUTFALL  | 0.000 | 0.008 | 0 | 01:44 | 0       | 0.0439 | 0.000     |
| OF-B    | OUTFALL  | 0.000 | 0.053 | 0 | 02:47 | 0       | 0.78   | 0.000     |
| OF-C    | OUTFALL  | 0.000 | 0.030 | 0 | 02:09 | 0       | 1.42   | 0.000     |
| OF-EX   | OUTFALL  | 0.020 | 0.064 | 0 | 02:02 | 0.0255  | 0.413  | 0.000     |
| SU1     | STORAGE  | 0.191 | 1.052 | 0 | 01:40 | 0.242   | 4.76   | -0.009    |

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

| Node    | Type     | Hours<br>Surcharged | Max. Height           | Min. Depth          |
|---------|----------|---------------------|-----------------------|---------------------|
|         |          |                     | Above Crown<br>Meters | Below Rim<br>Meters |
| T009007 | JUNCTION | 48.00               | 0.000                 | 0.000               |

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Node Flooding Summary  
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No nodes were flooded.

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

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Outfall Loading Summary  
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| Outfall Node | Flow         | Avg         | Max         | Total              |
|--------------|--------------|-------------|-------------|--------------------|
|              | Freq<br>Pcnt | Flow<br>CMS | Flow<br>CMS | Volume<br>10^6 ltr |
| OF-A         | 32.81        | 0.001       | 0.008       | 0.044              |
| OF-B         | 98.31        | 0.005       | 0.053       | 0.780              |
| OF-C         | 98.48        | 0.009       | 0.030       | 1.422              |
| OF-EX        | 79.35        | 0.004       | 0.064       | 0.413              |
| System       | 77.24        | 0.019       | 0.138       | 2.659              |

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Link Flow Summary  
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| Link         | Type    | Maximum      | Time of Max |             | Maximum         | Max/         | Max/          |
|--------------|---------|--------------|-------------|-------------|-----------------|--------------|---------------|
|              |         | Flow <br>CMS | Occurrence  | days hr:min | Veloc <br>m/sec | Full<br>Flow | Full<br>Depth |
| AR02_HDPE450 | CONDUIT | 0.016        | 0           | 01:41       | 1.05            | 0.06         | 0.15          |
| AR1_HDPE600  | CONDUIT | 0.019        | 0           | 01:59       | 1.11            | 0.03         | 0.11          |

|               |         |       |   |       |      |      |      |
|---------------|---------|-------|---|-------|------|------|------|
| C10           | CONDUIT | 0.015 | 0 | 01:40 | 0.18 | 0.01 | 0.07 |
| C100          | CHANNEL | 0.061 | 0 | 01:59 | 0.48 | 0.01 | 0.11 |
| C101          | CHANNEL | 0.062 | 0 | 02:00 | 0.42 | 0.00 | 0.10 |
| C103          | CHANNEL | 0.063 | 0 | 02:03 | 0.33 | 0.04 | 0.21 |
| C129          | CONDUIT | 0.014 | 0 | 01:40 | 0.17 | 0.01 | 0.15 |
| C130          | CONDUIT | 0.012 | 0 | 01:40 | 0.25 | 0.00 | 0.03 |
| C131          | CONDUIT | 0.884 | 0 | 01:41 | 1.89 | 0.05 | 0.30 |
| C132_1        | CONDUIT | 0.017 | 0 | 01:40 | 0.20 | 0.00 | 0.04 |
| C132_2        | CONDUIT | 0.016 | 0 | 01:41 | 0.18 | 0.01 | 0.07 |
| C133          | CONDUIT | 0.019 | 0 | 01:42 | 0.30 | 0.00 | 0.06 |
| C134          | CONDUIT | 0.020 | 0 | 01:43 | 0.30 | 0.01 | 0.07 |
| C135          | CONDUIT | 0.025 | 0 | 01:43 | 0.21 | 0.01 | 0.10 |
| C136          | CONDUIT | 0.032 | 0 | 01:43 | 0.16 | 0.02 | 0.16 |
| C137          | CONDUIT | 0.033 | 0 | 01:45 | 0.19 | 0.12 | 0.14 |
| C1450_1       | CHANNEL | 0.010 | 0 | 02:04 | 0.15 | 0.00 | 0.07 |
| C20           | CONDUIT | 0.018 | 0 | 01:39 | 0.27 | 0.02 | 0.15 |
| C25_3         | CHANNEL | 0.000 | 0 | 00:00 | 0.00 | 0.00 | 0.18 |
| C26_1         | CONDUIT | 0.000 | 0 | 00:00 | 0.00 | 0.00 | 0.11 |
| C26_2         | CONDUIT | 0.013 | 0 | 01:40 | 0.16 | 0.06 | 0.25 |
| C26_5         | CONDUIT | 0.009 | 0 | 01:40 | 0.22 | 0.00 | 0.05 |
| C30           | CONDUIT | 0.000 | 0 | 00:00 | 0.00 | 0.00 | 0.00 |
| C30_3         | CONDUIT | 0.000 | 0 | 00:00 | 0.00 | 0.00 | 0.13 |
| C36           | CONDUIT | 0.022 | 0 | 01:40 | 0.18 | 0.05 | 0.22 |
| C45           | CONDUIT | 0.039 | 0 | 01:39 | 0.38 | 0.01 | 0.08 |
| C46_1         | CONDUIT | 0.032 | 0 | 01:41 | 0.24 | 0.05 | 0.20 |
| C46_2         | CONDUIT | 0.034 | 0 | 01:42 | 0.21 | 0.03 | 0.20 |
| C47           | CONDUIT | 0.064 | 0 | 01:41 | 0.28 | 0.08 | 0.29 |
| C50           | CONDUIT | 0.063 | 0 | 01:43 | 0.35 | 0.07 | 0.23 |
| C57           | CHANNEL | 0.049 | 0 | 01:43 | 0.25 | 0.05 | 0.31 |
| C60           | CONDUIT | 0.065 | 0 | 01:44 | 0.27 | 0.02 | 0.12 |
| C70           | CHANNEL | 0.036 | 0 | 01:49 | 0.45 | 0.00 | 0.08 |
| C72           | CONDUIT | 0.007 | 0 | 01:40 | 0.27 | 0.00 | 0.03 |
| C75           | CONDUIT | 0.035 | 0 | 01:52 | 0.30 | 0.01 | 0.06 |
| C80           | CONDUIT | 0.010 | 0 | 01:40 | 0.26 | 0.00 | 0.05 |
| C81           | CHANNEL | 0.037 | 0 | 01:40 | 0.27 | 0.15 | 0.46 |
| C86           | CONDUIT | 0.040 | 0 | 01:43 | 0.30 | 0.01 | 0.06 |
| C87           | CHANNEL | 0.043 | 0 | 01:43 | 0.21 | 0.01 | 0.13 |
| C89           | CHANNEL | 0.060 | 0 | 01:42 | 0.64 | 0.00 | 0.12 |
| C91           | CHANNEL | 0.056 | 0 | 01:45 | 0.27 | 0.01 | 0.11 |
| C93           | CHANNEL | 0.060 | 0 | 01:47 | 0.19 | 0.02 | 0.22 |
| C95           | CHANNEL | 0.056 | 0 | 01:53 | 0.17 | 0.09 | 0.25 |
| C96           | CHANNEL | 0.060 | 0 | 01:54 | 0.33 | 0.00 | 0.11 |
| C99           | CHANNEL | 0.060 | 0 | 01:58 | 0.55 | 0.00 | 0.11 |
| DDC01         | CONDUIT | 0.070 | 0 | 01:51 | 0.36 | 0.01 | 0.12 |
| DDC02         | CONDUIT | 0.104 | 0 | 01:53 | 0.46 | 0.02 | 0.12 |
| DDC03         | CONDUIT | 0.101 | 0 | 01:56 | 0.34 | 0.01 | 0.07 |
| DDC04         | CONDUIT | 0.101 | 0 | 01:58 | 0.32 | 0.01 | 0.07 |
| DDC05         | CONDUIT | 0.101 | 0 | 02:00 | 0.35 | 0.01 | 0.07 |
| DDC06         | CONDUIT | 0.099 | 0 | 02:02 | 0.39 | 0.01 | 0.06 |
| DDC07         | CONDUIT | 0.099 | 0 | 02:05 | 0.38 | 0.01 | 0.06 |
| DDC08         | CONDUIT | 0.099 | 0 | 02:06 | 0.37 | 0.01 | 0.07 |
| DDC09         | CONDUIT | 0.099 | 0 | 02:07 | 0.38 | 0.01 | 0.07 |
| DDC10         | CONDUIT | 0.099 | 0 | 02:07 | 0.43 | 0.01 | 0.07 |
| DDC11         | CONDUIT | 0.099 | 0 | 02:08 | 0.36 | 0.01 | 0.10 |
| DDC12         | CONDUIT | 0.099 | 0 | 02:09 | 0.53 | 0.02 | 0.11 |
| DDC13         | CONDUIT | 0.099 | 0 | 02:10 | 0.52 | 0.01 | 0.07 |
| MDC01         | CONDUIT | 0.075 | 0 | 01:40 | 0.58 | 0.01 | 0.11 |
| MDC02         | CONDUIT | 0.074 | 0 | 01:40 | 0.34 | 0.01 | 0.17 |
| MDC03_HDPE600 | CONDUIT | 0.089 | 0 | 01:40 | 1.11 | 0.05 | 0.29 |
| MDC04         | CONDUIT | 0.227 | 0 | 01:40 | 0.28 | 0.01 | 0.27 |
| MDC05_HDPE900 | CONDUIT | 0.414 | 0 | 01:40 | 1.16 | 0.17 | 0.55 |
| NDC01         | CONDUIT | 0.019 | 0 | 01:40 | 0.32 | 0.01 | 0.12 |
| NDC02         | CONDUIT | 0.027 | 0 | 01:41 | 0.21 | 0.03 | 0.25 |
| NDC03         | CONDUIT | 0.031 | 0 | 01:42 | 0.14 | 0.03 | 0.36 |
| NDC04         | CONDUIT | 0.165 | 0 | 01:40 | 0.41 | 0.13 | 0.46 |
| NDC05         | CONDUIT | 0.158 | 0 | 01:41 | 0.11 | 0.04 | 0.46 |
| NDC06         | CONDUIT | 0.251 | 0 | 01:41 | 0.31 | 0.17 | 0.51 |
| NDC07         | CONDUIT | 0.682 | 0 | 01:41 | 0.84 | 0.11 | 0.35 |
| NDC08         | CONDUIT | 0.110 | 0 | 01:40 | 0.29 | 0.01 | 0.21 |
| NDC09_HDPE600 | CONDUIT | 0.110 | 0 | 01:40 | 1.26 | 0.25 | 0.35 |
| NDC10         | CONDUIT | 0.113 | 0 | 01:40 | 0.40 | 0.03 | 0.26 |
| OFA_CC700     | CONDUIT | 0.008 | 0 | 01:44 | 0.45 | 0.01 | 0.10 |
| OFB_CC700     | CONDUIT | 0.053 | 0 | 02:47 | 0.92 | 0.08 | 0.21 |
| OFC_CC600     | CONDUIT | 0.030 | 0 | 02:09 | 0.71 | 0.09 | 0.21 |
| PD_IS_HDPE300 | CONDUIT | 0.013 | 0 | 04:27 | 0.18 | 0.07 | 1.00 |
| PDDC01        | CONDUIT | 0.013 | 0 | 04:28 | 0.26 | 0.02 | 0.16 |
| PDDC02        | CONDUIT | 0.013 | 0 | 04:29 | 0.25 | 0.02 | 0.13 |
| PDDC03        | CONDUIT | 0.013 | 0 | 04:30 | 0.26 | 0.01 | 0.09 |
| PDDC04        | CONDUIT | 0.013 | 0 | 04:32 | 0.25 | 0.00 | 0.05 |
| PDDC05        | CONDUIT | 0.013 | 0 | 04:35 | 0.20 | 0.00 | 0.06 |
| PDDC06        | CONDUIT | 0.013 | 0 | 04:10 | 0.25 | 0.01 | 0.11 |
| PDDC07        | CONDUIT | 0.013 | 0 | 04:10 | 0.35 | 0.01 | 0.10 |
| PDDC08        | CONDUIT | 0.013 | 0 | 01:41 | 0.26 | 0.01 | 0.10 |
| PDDC09        | CONDUIT | 0.016 | 0 | 01:41 | 0.35 | 0.01 | 0.09 |
| PDDC10        | CONDUIT | 0.019 | 0 | 01:41 | 0.43 | 0.00 | 0.09 |
| PUB_rd_DC01   | CHANNEL | 0.000 | 0 | 00:00 | 0.00 | 0.00 | 0.04 |
| PUB_rd_DC02   | CHANNEL | 0.019 | 0 | 01:59 | 0.10 | 0.01 | 0.11 |
| PUB_rd_DC03   | CHANNEL | 0.019 | 0 | 02:01 | 0.14 | 0.00 | 0.08 |
| PUB_rd_DC04   | CHANNEL | 0.030 | 0 | 02:07 | 0.14 | 0.00 | 0.13 |
| PUB_rd_DC05   | CHANNEL | 0.000 | 0 | 00:00 | 0.00 | 0.00 | 0.10 |
| PUB_rd_DC06   | CHANNEL | 0.021 | 0 | 02:21 | 0.10 | 0.00 | 0.09 |
| PUB_rd_DC07   | CHANNEL | 0.018 | 0 | 02:08 | 0.05 | 0.00 | 0.10 |
| PUB_rd_DC08   | CHANNEL | 0.000 | 0 | 00:00 | 0.00 | 0.00 | 0.03 |
| SDC01         | CONDUIT | 0.048 | 0 | 01:40 | 0.55 | 0.01 | 0.08 |
| SDC02         | CONDUIT | 0.047 | 0 | 01:40 | 0.60 | 0.01 | 0.07 |
| SDC03         | CONDUIT | 0.065 | 0 | 01:40 | 0.09 | 0.00 | 0.25 |
| SMC14         | CHANNEL | 0.098 | 0 | 02:13 | 0.36 | 0.01 | 0.17 |
| U012001       | CHANNEL | 0.041 | 0 | 01:40 | 0.22 | 0.00 | 0.07 |
| U013002       | CHANNEL | 0.080 | 0 | 01:50 | 0.32 | 0.00 | 0.03 |
| U013003       | CHANNEL | 0.081 | 0 | 01:47 | 0.32 | 0.00 | 0.04 |
| U013004       | CHANNEL | 0.076 | 0 | 01:44 | 0.31 | 0.00 | 0.03 |
| U013006_2     | CHANNEL | 0.055 | 0 | 01:49 | 0.35 | 0.00 | 0.03 |
| U013007       | CHANNEL | 0.053 | 0 | 01:48 | 0.23 | 0.00 | 0.03 |

|         |         |       |   |       |        |      |      |
|---------|---------|-------|---|-------|--------|------|------|
| U013008 | CHANNEL | 0.053 | 0 | 01:44 | 5.84   | 0.00 | 0.03 |
| U013015 | CHANNEL | 0.014 | 0 | 01:44 | 0.67   | 0.00 | 0.04 |
| U013019 | CHANNEL | 0.010 | 0 | 03:18 | 0.10   | 0.00 | 0.04 |
| U013020 | CHANNEL | 0.010 | 0 | 03:16 | >50.00 | 0.00 | 0.02 |
| U013021 | CHANNEL | 0.010 | 0 | 03:13 | 0.16   | 0.00 | 0.01 |
| U013022 | CHANNEL | 0.011 | 0 | 01:57 | 27.26  | 0.00 | 0.02 |
| U013023 | CHANNEL | 0.016 | 0 | 01:54 | 0.21   | 0.00 | 0.04 |
| U013024 | CHANNEL | 0.014 | 0 | 01:45 | 0.23   | 0.00 | 0.04 |
| U013025 | CHANNEL | 0.010 | 0 | 02:52 | 0.07   | 0.00 | 0.02 |
| U013026 | CHANNEL | 0.014 | 0 | 02:26 | 0.31   | 0.00 | 0.02 |
| U013032 | CHANNEL | 0.008 | 0 | 02:13 | 0.09   | 0.00 | 0.02 |
| U013033 | CHANNEL | 0.010 | 0 | 01:52 | 2.32   | 0.00 | 0.02 |
| U013034 | CHANNEL | 0.004 | 0 | 02:29 | 5.85   | 0.00 | 0.01 |
| U013038 | CHANNEL | 0.002 | 0 | 02:34 | 0.03   | 0.00 | 0.02 |
| U013044 | CHANNEL | 0.004 | 0 | 02:22 | 0.02   | 0.00 | 0.02 |
| U013045 | CHANNEL | 0.010 | 0 | 01:44 | 0.14   | 0.00 | 0.02 |
| U014001 | CHANNEL | 0.048 | 0 | 01:39 | 8.16   | 0.00 | 0.04 |
| U015002 | CHANNEL | 0.010 | 0 | 01:50 | 2.00   | 0.00 | 0.03 |
| U016001 | CHANNEL | 0.006 | 0 | 02:12 | 7.86   | 0.00 | 0.02 |
| U016002 | CHANNEL | 0.024 | 0 | 01:37 | 10.47  | 0.00 | 0.03 |
| OR1     | ORIFICE | 0.013 | 0 | 04:28 |        |      | 1.00 |

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Flow Classification Summary  
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| Conduit       | Adjusted<br>/Actual<br>Length | ----- Fraction of Time in Flow Class ----- |           |             |             |             |            |              |             |               |
|---------------|-------------------------------|--------------------------------------------|-----------|-------------|-------------|-------------|------------|--------------|-------------|---------------|
|               |                               | Up<br>Dry                                  | Up<br>Dry | Down<br>Dry | Sub<br>Crit | Sup<br>Crit | Up<br>Crit | Down<br>Crit | Norm<br>Ltd | Inlet<br>Ctrl |
| AR02_HDPE450  | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.89        | 0.11        | 0.00       | 0.00         | 0.00        | 0.00          |
| AR1_HDPE600   | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.70        | 0.30        | 0.00       | 0.00         | 0.00        | 0.00          |
| C10           | 1.00                          | 0.00                                       | 0.71      | 0.00        | 0.29        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C100          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.02        | 0.00          |
| C101          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.98        | 0.02        | 0.00       | 0.00         | 0.97        | 0.00          |
| C103          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C129          | 1.00                          | 0.00                                       | 0.17      | 0.00        | 0.83        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C130          | 1.00                          | 0.11                                       | 0.42      | 0.00        | 0.47        | 0.00        | 0.00       | 0.00         | 0.73        | 0.00          |
| C131          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.97        | 0.00        | 0.00       | 0.03         | 0.97        | 0.00          |
| C132_1        | 1.00                          | 0.00                                       | 0.11      | 0.00        | 0.89        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C132_2        | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.01        | 0.00          |
| C133          | 1.00                          | 0.08                                       | 0.26      | 0.00        | 0.66        | 0.00        | 0.00       | 0.00         | 0.46        | 0.00          |
| C134          | 1.00                          | 0.00                                       | 0.08      | 0.00        | 0.92        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C135          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C136          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| C137          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.74        | 0.00          |
| C1450_1       | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| C20           | 1.00                          | 0.00                                       | 0.76      | 0.00        | 0.24        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| C25_3         | 1.00                          | 0.00                                       | 1.00      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C26_1         | 1.00                          | 0.68                                       | 0.32      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C26_2         | 1.00                          | 0.44                                       | 0.24      | 0.00        | 0.32        | 0.00        | 0.00       | 0.00         | 0.44        | 0.00          |
| C26_5         | 1.00                          | 0.51                                       | 0.17      | 0.00        | 0.32        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C30           | 1.00                          | 1.00                                       | 0.00      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C30_3         | 1.00                          | 0.03                                       | 0.97      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C36           | 1.00                          | 0.18                                       | 0.26      | 0.00        | 0.56        | 0.00        | 0.00       | 0.00         | 0.62        | 0.00          |
| C45           | 1.00                          | 0.00                                       | 0.68      | 0.00        | 0.32        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C46_1         | 1.00                          | 0.07                                       | 0.11      | 0.00        | 0.82        | 0.00        | 0.00       | 0.00         | 0.76        | 0.00          |
| C46_2         | 1.00                          | 0.02                                       | 0.05      | 0.00        | 0.93        | 0.00        | 0.00       | 0.00         | 0.91        | 0.00          |
| C47           | 1.00                          | 0.00                                       | 0.02      | 0.00        | 0.98        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C50           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C57           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C60           | 1.00                          | 0.01                                       | 0.11      | 0.00        | 0.88        | 0.00        | 0.00       | 0.00         | 0.96        | 0.00          |
| C70           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.23        | 0.77        | 0.00       | 0.00         | 0.00        | 0.00          |
| C72           | 1.00                          | 0.43                                       | 0.30      | 0.00        | 0.27        | 0.00        | 0.00       | 0.00         | 0.26        | 0.00          |
| C75           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C80           | 1.00                          | 0.17                                       | 0.26      | 0.00        | 0.57        | 0.00        | 0.00       | 0.00         | 0.77        | 0.00          |
| C81           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.01        | 0.00          |
| C86           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| C87           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C89           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.02        | 0.98        | 0.00       | 0.00         | 0.00        | 0.00          |
| C91           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C93           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| C95           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.01        | 0.00          |
| C96           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.99        | 0.01        | 0.00       | 0.00         | 0.98        | 0.00          |
| C99           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC01         | 1.00                          | 0.01                                       | 0.03      | 0.00        | 0.96        | 0.00        | 0.00       | 0.00         | 0.96        | 0.00          |
| DDC02         | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.04        | 0.00          |
| DDC03         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.42        | 0.00          |
| DDC04         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| DDC05         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC06         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| DDC07         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC08         | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| DDC09         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC10         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.96        | 0.00          |
| DDC11         | 1.00                          | 0.00                                       | 0.02      | 0.00        | 0.98        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| DDC12         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.88        | 0.00          |
| DDC13         | 1.00                          | 0.01                                       | 0.00      | 0.00        | 0.00        | 0.00        | 0.00       | 0.99         | 0.00        | 0.00          |
| MDC01         | 1.00                          | 0.08                                       | 0.39      | 0.00        | 0.53        | 0.00        | 0.00       | 0.00         | 0.50        | 0.00          |
| MDC02         | 1.00                          | 0.00                                       | 0.09      | 0.00        | 0.91        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| MDC03_HDPE600 | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.86        | 0.14        | 0.00       | 0.00         | 0.00        | 0.89          |
| MDC04         | 1.00                          | 0.00                                       | 0.11      | 0.00        | 0.89        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| MDC05_HDPE900 | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.96        | 0.04        | 0.00       | 0.00         | 0.00        | 0.93          |
| NDC01         | 1.00                          | 0.13                                       | 0.50      | 0.00        | 0.27        | 0.00        | 0.00       | 0.10         | 0.44        | 0.00          |
| NDC02         | 1.00                          | 0.01                                       | 0.12      | 0.00        | 0.87        | 0.00        | 0.00       | 0.00         | 0.86        | 0.00          |
| NDC03         | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| NDC04         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.01        | 0.00          |
| NDC05         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.96        | 0.00          |
| NDC06         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| NDC07         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.01        | 0.00          |
| NDC08         | 1.00                          | 0.00                                       | 0.40      | 0.00        | 0.60        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |

|               |      |      |      |      |      |      |      |      |      |      |
|---------------|------|------|------|------|------|------|------|------|------|------|
| NDC09_HDPE600 | 1.00 | 0.00 | 0.00 | 0.00 | 0.88 | 0.12 | 0.00 | 0.00 | 0.00 | 0.01 |
| NDC10         | 1.00 | 0.00 | 0.19 | 0.00 | 0.81 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| OFA_CC700     | 1.00 | 0.00 | 0.00 | 0.00 | 0.81 | 0.19 | 0.00 | 0.00 | 0.00 | 0.08 |
| OFB_CC700     | 1.00 | 0.00 | 0.00 | 0.00 | 0.56 | 0.44 | 0.00 | 0.00 | 0.00 | 0.58 |
| OFC_CC600     | 1.00 | 0.01 | 0.00 | 0.00 | 0.99 | 0.00 | 0.00 | 0.00 | 0.00 | 0.92 |
| PD_IS_HDPE300 | 1.00 | 0.00 | 0.01 | 0.00 | 0.97 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| PDDC01        | 1.00 | 0.03 | 0.00 | 0.00 | 0.97 | 0.00 | 0.00 | 0.00 | 0.25 | 0.00 |
| PDDC02        | 1.00 | 0.03 | 0.00 | 0.00 | 0.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PDDC03        | 1.00 | 0.00 | 0.03 | 0.00 | 0.97 | 0.00 | 0.00 | 0.00 | 0.96 | 0.00 |
| PDDC04        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 |
| PDDC05        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| PDDC06        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 |
| PDDC07        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| PDDC08        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 |
| PDDC09        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PDDC10        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| PUB_rd_DC01   | 1.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PUB_rd_DC02   | 1.00 | 0.00 | 0.01 | 0.00 | 0.99 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| PUB_rd_DC03   | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| PUB_rd_DC04   | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.97 | 0.00 |
| PUB_rd_DC05   | 1.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PUB_rd_DC06   | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PUB_rd_DC07   | 1.00 | 0.00 | 0.19 | 0.00 | 0.81 | 0.00 | 0.00 | 0.00 | 0.82 | 0.00 |
| PUB_rd_DC08   | 1.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SDC01         | 1.00 | 0.19 | 0.36 | 0.00 | 0.45 | 0.00 | 0.00 | 0.00 | 0.48 | 0.00 |
| SDC02         | 1.00 | 0.10 | 0.09 | 0.00 | 0.81 | 0.00 | 0.00 | 0.00 | 0.12 | 0.00 |
| SDC03         | 1.00 | 0.00 | 0.32 | 0.00 | 0.68 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 |
| SMC14         | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.00 |
| U012001       | 1.00 | 0.00 | 0.66 | 0.00 | 0.34 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00 |
| U013002       | 1.00 | 0.03 | 0.00 | 0.00 | 0.97 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 |
| U013003       | 1.00 | 0.03 | 0.00 | 0.00 | 0.73 | 0.24 | 0.00 | 0.00 | 0.01 | 0.00 |
| U013004       | 1.00 | 0.01 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.96 | 0.00 |
| U013006_2     | 1.00 | 0.00 | 0.00 | 0.00 | 0.81 | 0.19 | 0.00 | 0.00 | 0.97 | 0.00 |
| U013007       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 |
| U013008       | 1.00 | 0.00 | 0.00 | 0.00 | 0.60 | 0.40 | 0.00 | 0.00 | 0.48 | 0.00 |
| U013015       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 |
| U013019       | 1.00 | 0.00 | 0.04 | 0.00 | 0.96 | 0.00 | 0.00 | 0.00 | 0.96 | 0.00 |
| U013020       | 1.00 | 0.04 | 0.00 | 0.00 | 0.48 | 0.48 | 0.00 | 0.00 | 0.47 | 0.00 |
| U013021       | 1.00 | 0.04 | 0.00 | 0.00 | 0.96 | 0.00 | 0.00 | 0.00 | 0.96 | 0.00 |
| U013022       | 1.00 | 0.03 | 0.00 | 0.00 | 0.14 | 0.82 | 0.00 | 0.00 | 0.00 | 0.00 |
| U013023       | 1.00 | 0.01 | 0.00 | 0.00 | 0.99 | 0.00 | 0.00 | 0.00 | 0.96 | 0.00 |
| U013024       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.96 | 0.00 |
| U013025       | 1.00 | 0.00 | 0.03 | 0.00 | 0.94 | 0.04 | 0.00 | 0.00 | 0.05 | 0.00 |
| U013026       | 1.00 | 0.00 | 0.00 | 0.00 | 0.98 | 0.02 | 0.00 | 0.00 | 0.95 | 0.00 |
| U013032       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 |
| U013033       | 1.00 | 0.00 | 0.00 | 0.00 | 0.82 | 0.18 | 0.00 | 0.00 | 0.76 | 0.00 |
| U013034       | 1.00 | 0.00 | 0.00 | 0.00 | 0.60 | 0.40 | 0.00 | 0.00 | 0.21 | 0.00 |
| U013038       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 |
| U013044       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| U013045       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| U014001       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.80 | 0.00 |
| U015002       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.95 | 0.00 |
| U016001       | 1.00 | 0.00 | 0.01 | 0.00 | 0.98 | 0.00 | 0.00 | 0.00 | 0.95 | 0.00 |
| U016002       | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.94 | 0.00 |

\*\*\*\*\*  
Conduit Surcharge Summary  
\*\*\*\*\*

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

Analysis begun on: Thu Jan 22 13:50:33 2026  
Analysis ended on: Thu Jan 22 13:50:39 2026  
Total elapsed time: 00:00:06



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

\*\*\*\*\*

Element Count

\*\*\*\*\*

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

\*\*\*\*\*

Raingage Summary

\*\*\*\*\*

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

\*\*\*\*\*

Subcatchment Summary

\*\*\*\*\*

| Name      | Area | Width  | %Imperv | %Slope  | Rain Gage | Outlet  |
|-----------|------|--------|---------|---------|-----------|---------|
| G009005_1 | 2.74 | 112.89 | 7.00    | 7.6470  | 2y_48mm   | J30     |
| G009005_2 | 1.57 | 209.97 | 7.00    | 3.6030  | 2y_48mm   | DDJ03   |
| G012001   | 3.05 | 152.73 | 7.00    | 6.8600  | 2y_48mm   | T012001 |
| G013006   | 0.95 | 73.90  | 7.00    | 6.1650  | 2y_48mm   | T013006 |
| G013007   | 2.35 | 142.04 | 7.00    | 7.6700  | 2y_48mm   | T013007 |
| G013012   | 1.45 | 146.91 | 7.00    | 6.9010  | 2y_48mm   | T013012 |
| G013016_1 | 1.98 | 107.13 | 7.00    | 8.0160  | 2y_48mm   | T013016 |
| G013016_2 | 1.52 | 158.50 | 7.00    | 5.9960  | 2y_48mm   | T013016 |
| G013024   | 2.21 | 201.26 | 7.00    | 7.5560  | 2y_48mm   | T013024 |
| G013031   | 2.38 | 208.79 | 7.00    | 8.2850  | 2y_48mm   | T013031 |
| G013032   | 1.68 | 172.87 | 7.00    | 9.8170  | 2y_48mm   | T013032 |
| G013033   | 2.85 | 228.75 | 7.00    | 8.4690  | 2y_48mm   | T013033 |
| G013037   | 2.18 | 256.38 | 7.00    | 9.5500  | 2y_48mm   | T013037 |
| G013042   | 1.40 | 109.31 | 7.00    | 9.0870  | 2y_48mm   | T013042 |
| G013043   | 2.05 | 276.27 | 7.00    | 10.5660 | 2y_48mm   | T013044 |
| G013045   | 1.86 | 185.18 | 7.00    | 8.5760  | 2y_48mm   | T013045 |
| G014001   | 3.34 | 162.46 | 7.00    | 8.9080  | 2y_48mm   | T014001 |
| G015001_1 | 1.28 | 124.61 | 7.00    | 7.3730  | 2y_48mm   | T015001 |
| G015001_2 | 1.25 | 75.83  | 7.00    | 4.9920  | 2y_48mm   | T015001 |
| G015003_1 | 1.59 | 125.65 | 7.00    | 8.3540  | 2y_48mm   | T015003 |
| G015003_2 | 1.22 | 145.02 | 7.00    | 8.5290  | 2y_48mm   | T015003 |
| G016003_1 | 1.02 | 83.26  | 7.00    | 9.0730  | 2y_48mm   | T016003 |
| G016003_2 | 1.65 | 89.45  | 7.00    | 9.2440  | 2y_48mm   | T016003 |
| S1        | 0.42 | 140.90 | 7.00    | 2.0000  | 2y_48mm   | DDJ06   |
| S1_1      | 0.15 | 44.75  | 7.00    | 2.0000  | 2y_48mm   | PDDJ09  |
| S1_10     | 0.08 | 30.92  | 7.00    | 2.0000  | 2y_48mm   | PDDJ08  |
| S1_2      | 0.21 | 62.76  | 7.00    | 8.4310  | 2y_48mm   | PDDJ10  |
| S1_3      | 0.73 | 78.61  | 7.00    | 2.2500  | 2y_48mm   | J68     |
| S1_4      | 0.47 | 54.00  | 7.00    | 2.0000  | 2y_48mm   | J67     |
| S1_5      | 0.32 | 62.94  | 7.00    | 2.5000  | 2y_48mm   | J69     |
| S1_6      | 0.25 | 23.15  | 7.00    | 11.0340 | 2y_48mm   | J65     |
| S1_7      | 0.44 | 70.98  | 7.00    | 2.5000  | 2y_48mm   | 25025   |
| S1_8      | 0.23 | 25.99  | 7.00    | 2.0000  | 2y_48mm   | J66     |
| S10       | 0.83 | 166.64 | 7.00    | 8.5600  | 2y_48mm   | J274    |
| S101_2    | 1.02 | 114.99 | 7.00    | 5.3410  | 2y_48mm   | DDJ04   |
| S102      | 0.87 | 76.43  | 7.00    | 9.2800  | 2y_48mm   | DDJ05   |
| S11       | 1.12 | 99.21  | 7.00    | 5.6280  | 2y_48mm   | J8      |
| S112      | 0.51 | 72.89  | 7.00    | 7.1560  | 2y_48mm   | J253    |
| S113      | 0.62 | 92.70  | 7.00    | 6.1840  | 2y_48mm   | J253    |
| S115_2    | 0.01 | 0.90   | 80.00   | 9.1880  | 2y_48mm   | J30     |
| S130      | 0.62 | 87.35  | 7.00    | 10.8400 | 2y_48mm   | J160    |
| S132      | 1.19 | 88.41  | 7.00    | 9.3970  | 2y_48mm   | J152    |
| S137      | 2.16 | 101.18 | 7.00    | 9.3820  | 2y_48mm   | J160    |
| S15_4     | 0.19 | 62.33  | 7.00    | 6.7670  | 2y_48mm   | DDJ14   |
| S16       | 0.61 | 65.66  | 7.00    | 11.2500 | 2y_48mm   | J14     |
| S18       | 0.54 | 86.45  | 7.00    | 8.2240  | 2y_48mm   | J17     |
| S19       | 0.58 | 83.01  | 7.00    | 9.3820  | 2y_48mm   | J17     |
| S2        | 0.42 | 139.80 | 7.00    | 2.0000  | 2y_48mm   | DDJ04   |
| S2_13     | 0.02 | 53.25  | 80.00   | 2.0000  | 2y_48mm   | S2_16   |
| S2_14     | 0.03 | 67.50  | 80.00   | 2.0000  | 2y_48mm   | S2_16   |
| S2_15     | 0.21 | 37.14  | 7.00    | 1.0000  | 2y_48mm   | J62     |
| S2_16     | 0.56 | 59.43  | 7.00    | 8.9160  | 2y_48mm   | J71     |
| S2_18     | 0.15 | 61.44  | 7.00    | 12.0000 | 2y_48mm   | PDDJ06  |
| S2_19     | 0.07 | 60.26  | 7.00    | 5.5370  | 2y_48mm   | PDDJ04  |
| S2_20     | 0.17 | 94.07  | 7.00    | 5.0310  | 2y_48mm   | PDDJ05  |
| S2_22     | 0.07 | 5.51   | 7.00    | 3.1210  | 2y_48mm   | J26     |
| S2_23     | 0.32 | 56.49  | 7.00    | 3.6000  | 2y_48mm   | J34     |
| S2_24     | 0.04 | 2.68   | 7.00    | 3.2280  | 2y_48mm   | J60     |
| S2_25     | 0.04 | 2.76   | 7.00    | 6.8230  | 2y_48mm   | J59     |
| S2_26     | 0.03 | 2.02   | 7.00    | 2.5570  | 2y_48mm   | J61     |
| S2_30     | 0.03 | 74.75  | 80.00   | 2.0000  | 2y_48mm   | S2_16   |
| S2_31     | 0.02 | 43.50  | 80.00   | 2.0000  | 2y_48mm   | S2_16   |
| S2_32     | 0.03 | 62.75  | 80.00   | 2.0000  | 2y_48mm   | J46     |
| S2_34     | 0.02 | 58.00  | 80.00   | 2.0000  | 2y_48mm   | J60     |
| S2_35     | 0.02 | 61.00  | 80.00   | 2.0000  | 2y_48mm   | J58     |

|        |      |        |        |         |              |        |
|--------|------|--------|--------|---------|--------------|--------|
| S2_36  | 0.04 | 101.75 | 80.00  | 10.8580 | 2y_48mm      | J68    |
| S2_37  | 0.02 | 57.50  | 80.00  | 2.0000  | 2y_48mm      | 25025  |
| S2_38  | 0.03 | 73.75  | 80.00  | 2.0000  | 2y_48mm      | J69    |
| S2_39  | 0.03 | 86.50  | 80.00  | 2.0000  | 2y_48mm      | J67    |
| S2_4   | 0.02 | 1.80   | 80.00  | 2.0000  | 2y_48mm      | J58    |
| S2_40  | 0.02 | 46.50  | 80.00  | 2.0000  | 2y_48mm      | J59    |
| S2_41  | 0.02 | 39.25  | 80.00  | 2.0000  | 2y_48mm      | J61    |
| S20_1  | 0.60 | 53.34  | 100.00 | 4.7900  | 100y_103.5mm | J56    |
| S20_10 | 0.59 | 52.76  | 100.00 | 4.7900  | 100y_103.5mm | J47    |
| S20_11 | 0.72 | 64.74  | 100.00 | 4.7900  | 100y_103.5mm | J51    |
| S20_12 | 0.04 | 3.32   | 80.00  | 2.0000  | 2y_48mm      | J63    |
| S20_13 | 0.79 | 70.89  | 100.00 | 4.7900  | 100y_103.5mm | J94    |
| S20_2  | 0.12 | 11.11  | 80.00  | 4.7900  | 100y_103.5mm | J50    |
| S20_3  | 1.02 | 90.71  | 100.00 | 4.7900  | 100y_103.5mm | SU1    |
| S20_6  | 0.11 | 9.56   | 80.00  | 4.7900  | 100y_103.5mm | J54    |
| S20_7  | 0.15 | 13.75  | 100.00 | 4.7900  | 100y_103.5mm | J39    |
| S20_8  | 0.77 | 68.93  | 100.00 | 4.7900  | 100y_103.5mm | J55    |
| S20_9  | 0.61 | 54.20  | 100.00 | 4.7900  | 100y_103.5mm | J48    |
| S22_4  | 0.03 | 6.99   | 80.00  | 4.0500  | 2y_48mm      | J88    |
| S22_5  | 0.05 | 9.73   | 80.00  | 4.0500  | 2y_48mm      | J29    |
| S23    | 2.50 | 130.11 | 7.00   | 6.3060  | 2y_48mm      | J43    |
| S25    | 1.22 | 88.61  | 7.00   | 7.0290  | 2y_48mm      | J33    |
| S29    | 0.54 | 76.64  | 7.00   | 6.0420  | 2y_48mm      | J43    |
| S3     | 1.32 | 84.06  | 7.00   | 4.7850  | 2y_48mm      | OF-EX  |
| S33    | 1.35 | 98.82  | 7.00   | 6.6690  | 2y_48mm      | J35    |
| S34    | 1.52 | 145.82 | 7.00   | 10.8830 | 2y_48mm      | 16130  |
| S36    | 1.40 | 164.77 | 7.00   | 7.1970  | 2y_48mm      | J33    |
| S37_2  | 1.28 | 119.80 | 7.00   | 6.5590  | 2y_48mm      | 16017  |
| S4     | 0.14 | 22.22  | 7.00   | 6.8700  | 2y_48mm      | OF-EX  |
| S44_3  | 0.66 | 108.33 | 7.00   | 5.0580  | 2y_48mm      | DDJ14  |
| S45    | 0.45 | 124.15 | 7.00   | 7.1480  | 2y_48mm      | J276   |
| S48_1  | 1.26 | 126.59 | 7.00   | 5.5230  | 2y_48mm      | J53    |
| S5     | 2.67 | 266.72 | 7.00   | 11.3200 | 2y_48mm      | J5     |
| S51    | 1.46 | 121.71 | 7.00   | 4.9010  | 2y_48mm      | J64    |
| S54    | 0.63 | 155.42 | 7.00   | 3.5050  | 2y_48mm      | J64    |
| S56_1  | 0.29 | 114.84 | 7.00   | 10.3720 | 2y_48mm      | PDDJ07 |
| S6     | 0.80 | 79.72  | 7.00   | 11.8730 | 2y_48mm      | S3     |
| S61    | 0.78 | 60.77  | 7.00   | 3.6030  | 2y_48mm      | J80    |
| S63_2  | 0.33 | 109.50 | 7.00   | 2.0000  | 2y_48mm      | DDJ07  |
| S63_3  | 0.39 | 128.43 | 7.00   | 4.7660  | 2y_48mm      | DDJ07  |
| S65    | 0.93 | 56.61  | 7.00   | 3.5920  | 2y_48mm      | J92    |
| S69    | 1.27 | 82.51  | 7.00   | 5.3450  | 2y_48mm      | J101   |
| S7     | 0.49 | 48.42  | 80.00  | 4.8080  | 100y_103.5mm | J52    |
| S76_3  | 0.78 | 112.40 | 7.00   | 5.1360  | 2y_48mm      | J259   |
| S77    | 0.50 | 64.02  | 7.00   | 5.3700  | 2y_48mm      | J259   |
| S8     | 0.32 | 29.77  | 80.00  | 4.7290  | 100y_103.5mm | J49    |
| S80_3  | 0.03 | 4.55   | 80.00  | 2.0000  | 2y_48mm      | J34    |
| S88_2  | 1.01 | 77.93  | 7.00   | 8.2360  | 2y_48mm      | J3     |
| S88_3  | 0.06 | 5.56   | 80.00  | 7.4640  | 2y_48mm      | J32    |
| S9_1   | 0.36 | 120.00 | 7.00   | 7.4830  | 2y_48mm      | DDJ14  |
| S9_10  | 0.03 | 74.00  | 80.00  | 2.0000  | 2y_48mm      | S9_4   |
| S9_2   | 0.20 | 65.77  | 7.00   | 2.0000  | 2y_48mm      | DDJ12  |
| S9_3   | 0.25 | 83.30  | 7.00   | 2.0000  | 2y_48mm      | DDJ09  |
| S9_4   | 0.15 | 51.47  | 7.00   | 12.1330 | 2y_48mm      | PDDJ08 |
| S9_5   | 0.28 | 54.53  | 7.00   | 10.0000 | 2y_48mm      | PDDJ07 |
| S9_6   | 0.25 | 20.08  | 7.00   | 8.9110  | 2y_48mm      | 25010  |
| S9_7   | 0.14 | 45.27  | 7.00   | 0.2500  | 2y_48mm      | PDDJ09 |
| S9_8   | 0.03 | 78.00  | 80.00  | 2.0000  | 2y_48mm      | S9_7   |
| S9_9   | 0.04 | 91.25  | 80.00  | 2.0000  | 2y_48mm      | S9_6   |
| S90    | 0.53 | 59.02  | 7.00   | 4.3430  | 2y_48mm      | J117   |
| S91_1  | 0.05 | 5.23   | 80.00  | 5.3300  | 2y_48mm      | J31    |
| S91_2  | 0.24 | 56.73  | 7.00   | 10.1680 | 2y_48mm      | J31    |
| S92    | 0.67 | 57.07  | 7.00   | 10.2410 | 2y_48mm      | J117   |

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Node Summary  
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| Name  | Type     | Invert Elev. | Max. Depth | Ponded Area | External Inflow |
|-------|----------|--------------|------------|-------------|-----------------|
| ----- |          |              |            |             |                 |
| 16017 | JUNCTION | 93.42        | 2.50       | 0.0         |                 |
| 16094 | JUNCTION | 92.18        | 1.82       | 0.0         |                 |
| 16130 | JUNCTION | 93.42        | 2.00       | 0.0         |                 |
| 25010 | JUNCTION | 94.40        | 3.00       | 0.0         |                 |
| 25025 | JUNCTION | 94.64        | 3.00       | 0.0         |                 |
| 26419 | JUNCTION | 94.00        | 1.22       | 0.0         |                 |
| 26456 | JUNCTION | 94.23        | 0.96       | 0.0         |                 |
| 26578 | JUNCTION | 95.36        | 3.00       | 0.0         |                 |
| DDJ01 | JUNCTION | 100.38       | 3.00       | 0.0         |                 |
| DDJ02 | JUNCTION | 100.03       | 0.94       | 0.0         |                 |
| DDJ03 | JUNCTION | 99.92        | 1.34       | 0.0         |                 |
| DDJ04 | JUNCTION | 99.69        | 1.35       | 0.0         |                 |
| DDJ05 | JUNCTION | 99.38        | 1.63       | 0.0         |                 |
| DDJ06 | JUNCTION | 99.22        | 1.78       | 0.0         |                 |
| DDJ07 | JUNCTION | 98.38        | 1.36       | 0.0         |                 |
| DDJ08 | JUNCTION | 98.02        | 1.41       | 0.0         |                 |
| DDJ09 | JUNCTION | 97.85        | 1.13       | 0.0         |                 |
| DDJ10 | JUNCTION | 97.69        | 1.08       | 0.0         |                 |
| DDJ11 | JUNCTION | 97.46        | 1.01       | 0.0         |                 |
| DDJ12 | JUNCTION | 97.28        | 0.94       | 0.0         |                 |
| DDJ13 | JUNCTION | 97.04        | 0.83       | 0.0         |                 |
| DDJ14 | JUNCTION | 96.27        | 2.31       | 0.0         |                 |
| J101  | JUNCTION | 99.06        | 1.00       | 0.0         |                 |
| J117  | JUNCTION | 100.45       | 1.00       | 0.0         |                 |
| J14   | JUNCTION | 92.06        | 1.50       | 0.0         |                 |
| J152  | JUNCTION | 102.59       | 1.00       | 0.0         |                 |
| J160  | JUNCTION | 103.54       | 1.00       | 0.0         |                 |
| J17   | JUNCTION | 92.73        | 1.50       | 0.0         |                 |
| J2    | JUNCTION | 93.50        | 1.25       | 0.0         |                 |
| J24   | JUNCTION | 96.89        | 0.30       | 0.0         |                 |
| J253  | JUNCTION | 102.19       | 1.00       | 0.0         |                 |
| J259  | JUNCTION | 99.32        | 1.00       | 0.0         |                 |

|         |          |        |      |     |
|---------|----------|--------|------|-----|
| J26     | JUNCTION | 97.92  | 0.56 | 0.0 |
| J274    | JUNCTION | 91.38  | 1.00 | 0.0 |
| J276    | JUNCTION | 96.26  | 1.00 | 0.0 |
| J28     | JUNCTION | 100.32 | 0.69 | 0.0 |
| J29     | JUNCTION | 101.05 | 0.61 | 0.0 |
| J3      | JUNCTION | 102.30 | 0.44 | 0.0 |
| J30     | JUNCTION | 101.31 | 0.76 | 0.0 |
| J31     | JUNCTION | 101.81 | 0.74 | 0.0 |
| J32     | JUNCTION | 102.07 | 0.57 | 0.0 |
| J33     | JUNCTION | 94.89  | 1.00 | 0.0 |
| J34     | JUNCTION | 102.50 | 3.00 | 0.0 |
| J35     | JUNCTION | 94.77  | 1.00 | 0.0 |
| J36     | JUNCTION | 94.52  | 1.43 | 0.0 |
| J38     | JUNCTION | 96.70  | 1.90 | 0.0 |
| J39     | JUNCTION | 97.52  | 1.25 | 0.0 |
| J43     | JUNCTION | 94.81  | 1.00 | 0.0 |
| J46     | JUNCTION | 98.24  | 0.83 | 0.0 |
| J47     | JUNCTION | 97.20  | 1.26 | 0.0 |
| J48     | JUNCTION | 98.28  | 0.82 | 0.0 |
| J49     | JUNCTION | 101.00 | 1.00 | 0.0 |
| J5      | JUNCTION | 91.80  | 3.00 | 0.0 |
| J50     | JUNCTION | 98.83  | 1.17 | 0.0 |
| J51     | JUNCTION | 98.30  | 1.57 | 0.0 |
| J52     | JUNCTION | 100.00 | 1.00 | 0.0 |
| J53     | JUNCTION | 97.11  | 0.42 | 0.0 |
| J54     | JUNCTION | 99.09  | 1.26 | 0.0 |
| J55     | JUNCTION | 98.63  | 1.37 | 0.0 |
| J56     | JUNCTION | 97.60  | 0.94 | 0.0 |
| J58     | JUNCTION | 99.58  | 1.21 | 0.0 |
| J59     | JUNCTION | 99.10  | 1.11 | 0.0 |
| J60     | JUNCTION | 98.51  | 0.81 | 0.0 |
| J61     | JUNCTION | 98.31  | 0.78 | 0.0 |
| J62     | JUNCTION | 102.00 | 1.38 | 0.0 |
| J63     | JUNCTION | 99.60  | 3.85 | 0.0 |
| J64     | JUNCTION | 97.50  | 1.00 | 0.0 |
| J65     | JUNCTION | 99.15  | 1.13 | 0.0 |
| J66     | JUNCTION | 98.40  | 1.10 | 0.0 |
| J67     | JUNCTION | 96.00  | 2.00 | 0.0 |
| J68     | JUNCTION | 94.86  | 2.14 | 0.0 |
| J69     | JUNCTION | 94.64  | 2.36 | 0.0 |
| J70     | JUNCTION | 99.46  | 1.16 | 0.0 |
| J71     | JUNCTION | 98.00  | 0.47 | 0.0 |
| J72     | JUNCTION | 97.56  | 1.40 | 0.0 |
| J73     | JUNCTION | 99.79  | 1.00 | 0.0 |
| J8      | JUNCTION | 90.51  | 1.00 | 0.0 |
| J80     | JUNCTION | 98.08  | 1.00 | 0.0 |
| J87     | JUNCTION | 99.98  | 1.07 | 0.0 |
| J88     | JUNCTION | 101.60 | 0.85 | 0.0 |
| J89     | JUNCTION | 97.65  | 0.85 | 0.0 |
| J9      | JUNCTION | 97.63  | 1.37 | 0.0 |
| J90     | JUNCTION | 102.50 | 0.30 | 0.0 |
| J92     | JUNCTION | 98.28  | 1.00 | 0.0 |
| J93     | JUNCTION | 99.20  | 1.97 | 0.0 |
| J94     | JUNCTION | 97.82  | 0.66 | 0.0 |
| PDDJ01  | JUNCTION | 96.67  | 0.49 | 0.0 |
| PDDJ02  | JUNCTION | 96.64  | 0.69 | 0.0 |
| PDDJ03  | JUNCTION | 96.61  | 0.99 | 0.0 |
| PDDJ04  | JUNCTION | 96.52  | 1.84 | 0.0 |
| PDDJ05  | JUNCTION | 96.30  | 2.90 | 0.0 |
| PDDJ06  | JUNCTION | 96.18  | 2.87 | 0.0 |
| PDDJ07  | JUNCTION | 96.05  | 0.68 | 0.0 |
| PDDJ08  | JUNCTION | 95.50  | 0.87 | 0.0 |
| PDDJ09  | JUNCTION | 95.29  | 1.05 | 0.0 |
| PDDJ10  | JUNCTION | 95.15  | 1.22 | 0.0 |
| PDDJ11  | JUNCTION | 94.30  | 0.97 | 0.0 |
| T009007 | JUNCTION | 100.64 | 0.00 | 0.0 |
| T012001 | JUNCTION | 101.00 | 0.81 | 0.0 |
| T013002 | JUNCTION | 100.64 | 2.11 | 0.0 |
| T013003 | JUNCTION | 100.81 | 1.83 | 0.0 |
| T013006 | JUNCTION | 101.35 | 1.62 | 0.0 |
| T013007 | JUNCTION | 101.66 | 1.78 | 0.0 |
| T013012 | JUNCTION | 103.47 | 1.78 | 0.0 |
| T013016 | JUNCTION | 103.45 | 1.78 | 0.0 |
| T013019 | JUNCTION | 104.45 | 2.28 | 0.0 |
| T013020 | JUNCTION | 104.78 | 2.80 | 0.0 |
| T013021 | JUNCTION | 105.12 | 2.80 | 0.0 |
| T013022 | JUNCTION | 105.45 | 1.81 | 0.0 |
| T013023 | JUNCTION | 105.79 | 0.97 | 0.0 |
| T013024 | JUNCTION | 106.12 | 1.96 | 0.0 |
| T013025 | JUNCTION | 106.29 | 1.96 | 0.0 |
| T013031 | JUNCTION | 107.32 | 1.76 | 0.0 |
| T013032 | JUNCTION | 107.71 | 1.76 | 0.0 |
| T013033 | JUNCTION | 108.26 | 1.76 | 0.0 |
| T013037 | JUNCTION | 108.54 | 1.76 | 0.0 |
| T013042 | JUNCTION | 108.52 | 1.76 | 0.0 |
| T013044 | JUNCTION | 108.53 | 1.69 | 0.0 |
| T013045 | JUNCTION | 108.54 | 1.69 | 0.0 |
| T014001 | JUNCTION | 103.48 | 1.78 | 0.0 |
| T015001 | JUNCTION | 104.54 | 1.35 | 0.0 |
| T015003 | JUNCTION | 106.14 | 1.35 | 0.0 |
| T016001 | JUNCTION | 108.62 | 1.76 | 0.0 |
| T016003 | JUNCTION | 108.77 | 1.55 | 0.0 |
| T043003 | JUNCTION | 101.17 | 1.83 | 0.0 |
| OF-A    | OUTFALL  | 91.50  | 0.70 | 0.0 |
| OF-B    | OUTFALL  | 93.30  | 0.70 | 0.0 |
| OF-C    | OUTFALL  | 94.15  | 0.60 | 0.0 |
| OF-EX   | OUTFALL  | 89.62  | 0.36 | 0.0 |
| SU1     | STORAGE  | 95.50  | 3.00 | 0.0 |

| Name          | From Node | To Node | Type    | Length | %Slope  | Roughness |
|---------------|-----------|---------|---------|--------|---------|-----------|
| AR02_HDPE450  | J61       | J46     | CONDUIT | 15.0   | 0.4681  | 0.0100    |
| AR1_HDPE600   | 25025     | J36     | CONDUIT | 17.3   | 0.6747  | 0.0120    |
| C10           | J152      | J253    | CONDUIT | 84.4   | 0.4739  | 0.0350    |
| C100          | J14       | J274    | CONDUIT | 51.1   | 1.3304  | 0.0350    |
| C101          | J274      | J8      | CONDUIT | 24.2   | 3.6035  | 0.0350    |
| C103          | J8        | OF-EX   | CONDUIT | 143.4  | 0.6208  | 0.0350    |
| C129          | J60       | J61     | CONDUIT | 36.5   | 0.5557  | 0.0350    |
| C130          | J62       | J63     | CONDUIT | 31.7   | 7.6034  | 0.0680    |
| C131          | J47       | SU1     | CONDUIT | 8.0    | 5.1568  | 0.0350    |
| C132_1        | J63       | J93     | CONDUIT | 25.2   | 1.5869  | 0.0680    |
| C132_2        | J93       | J65     | CONDUIT | 12.9   | 0.3881  | 0.0680    |
| C133          | J65       | J66     | CONDUIT | 33.3   | 2.2498  | 0.0680    |
| C134          | J66       | J67     | CONDUIT | 66.2   | 3.6274  | 0.0680    |
| C135          | J67       | J68     | CONDUIT | 56.6   | 2.0177  | 0.0680    |
| C136          | J68       | J69     | CONDUIT | 54.0   | 0.4059  | 0.0680    |
| C137          | J69       | 25025   | CONDUIT | 34.0   | 0.0088  | 0.0680    |
| C1450_1       | T015001   | T013012 | CONDUIT | 198.3  | 0.5395  | 0.0350    |
| C20           | J53       | DDJ14   | CONDUIT | 89.6   | 0.9375  | 0.0350    |
| C25_3         | J73       | J259    | CONDUIT | 57.6   | 0.8094  | 0.0350    |
| C26_1         | J90       | J3      | CONDUIT | 28.0   | 0.7217  | 0.0680    |
| C26_2         | J3        | J32     | CONDUIT | 31.4   | 0.7197  | 0.0680    |
| C26_5         | J34       | J62     | CONDUIT | 37.1   | 1.3490  | 0.0600    |
| C30           | J38       | J24     | CONDUIT | 6.1    | 22.0074 | 0.0650    |
| C30_3         | J24       | PDDJ02  | CONDUIT | 7.3    | 3.3678  | 0.0650    |
| C36           | J32       | J31     | CONDUIT | 34.6   | 0.7581  | 0.0680    |
| C45           | J160      | J253    | CONDUIT | 132.0  | 1.0225  | 0.0350    |
| C46_1         | J31       | J88     | CONDUIT | 33.7   | 0.6313  | 0.0680    |
| C46_2         | J88       | J30     | CONDUIT | 38.7   | 0.7461  | 0.0680    |
| C47           | J30       | J29     | CONDUIT | 36.1   | 0.7142  | 0.0680    |
| C50           | J29       | J28     | CONDUIT | 78.0   | 0.9316  | 0.0680    |
| C57           | J253      | J117    | CONDUIT | 158.9  | 1.0950  | 0.0350    |
| C60           | J28       | DDJ02   | CONDUIT | 26.0   | 1.1304  | 0.0680    |
| C70           | J117      | J259    | CONDUIT | 111.5  | 1.0136  | 0.0350    |
| C72           | J58       | J59     | CONDUIT | 25.5   | 1.8684  | 0.0350    |
| C75           | J259      | J101    | CONDUIT | 45.7   | 0.5694  | 0.0350    |
| C80           | J59       | J60     | CONDUIT | 28.5   | 2.0776  | 0.0350    |
| C81           | J101      | J92     | CONDUIT | 79.2   | 0.9847  | 0.0350    |
| C86           | J92       | J80     | CONDUIT | 38.0   | 0.5257  | 0.0350    |
| C87           | J80       | J64     | CONDUIT | 60.7   | 0.9559  | 0.0350    |
| C89           | J64       | J276    | CONDUIT | 56.3   | 2.2037  | 0.0350    |
| C91           | J276      | J33     | CONDUIT | 154.1  | 0.8892  | 0.0350    |
| C93           | J33       | J35     | CONDUIT | 44.1   | 0.2719  | 0.0350    |
| C95           | J35       | J43     | CONDUIT | 103.2  | -0.0388 | 0.0350    |
| C96           | J43       | J17     | CONDUIT | 109.8  | 1.8944  | 0.0350    |
| C99           | J17       | J14     | CONDUIT | 56.1   | 1.1939  | 0.0350    |
| DDC01         | DDJ01     | DDJ02   | CONDUIT | 28.0   | 1.2461  | 0.0350    |
| DDC02         | DDJ02     | DDJ03   | CONDUIT | 19.4   | 0.5767  | 0.0350    |
| DDC03         | DDJ03     | DDJ04   | CONDUIT | 61.9   | 0.3717  | 0.0350    |
| DDC04         | DDJ04     | DDJ05   | CONDUIT | 77.9   | 0.3903  | 0.0350    |
| DDC05         | DDJ05     | DDJ06   | CONDUIT | 42.2   | 0.3837  | 0.0350    |
| DDC06         | DDJ06     | DDJ07   | CONDUIT | 127.6  | 0.6625  | 0.0350    |
| DDC07         | DDJ07     | DDJ08   | CONDUIT | 62.8   | 0.5602  | 0.0350    |
| DDC08         | DDJ08     | DDJ09   | CONDUIT | 28.0   | 0.6074  | 0.0350    |
| DDC09         | DDJ09     | DDJ10   | CONDUIT | 30.4   | 0.5425  | 0.0350    |
| DDC10         | DDJ10     | DDJ11   | CONDUIT | 26.8   | 0.8441  | 0.0350    |
| DDC11         | DDJ11     | DDJ12   | CONDUIT | 23.8   | 0.7828  | 0.0350    |
| DDC12         | DDJ12     | DDJ13   | CONDUIT | 24.8   | 0.9636  | 0.0350    |
| DDC13         | DDJ13     | DDJ14   | CONDUIT | 48.9   | 1.2055  | 0.0350    |
| MDC01         | J52       | J70     | CONDUIT | 30.4   | 1.7706  | 0.0450    |
| MDC02         | J70       | J54     | CONDUIT | 21.7   | 1.7065  | 0.0450    |
| MDC03_HDPE600 | J54       | J55     | CONDUIT | 22.2   | 2.0628  | 0.0120    |
| MDC04         | J55       | J51     | CONDUIT | 14.2   | 2.3445  | 0.0450    |
| MDC05_HDPE900 | J51       | J39     | CONDUIT | 50.2   | 1.5543  | 0.0120    |
| NDC01         | J46       | J71     | CONDUIT | 8.4    | 2.8347  | 0.0350    |
| NDC02         | J71       | J26     | CONDUIT | 13.0   | 0.6634  | 0.0350    |
| NDC03         | J26       | J94     | CONDUIT | 18.8   | 0.5118  | 0.0450    |
| NDC04         | J94       | J89     | CONDUIT | 33.2   | 0.5153  | 0.0450    |
| NDC05         | J89       | J56     | CONDUIT | 14.8   | 0.3371  | 0.0450    |
| NDC06         | J56       | J39     | CONDUIT | 34.5   | 0.2319  | 0.0450    |
| NDC07         | J39       | J47     | CONDUIT | 43.9   | 0.7216  | 0.0450    |
| NDC08         | J72       | J47     | CONDUIT | 15.8   | 2.2581  | 0.0450    |
| NDC09_HDPE600 | J9        | J72     | CONDUIT | 15.8   | 0.4239  | 0.0120    |
| NDC10         | J48       | J9      | CONDUIT | 30.4   | 2.1489  | 0.0450    |
| OFA_CC700     | J5        | OF-A    | CONDUIT | 24.5   | 1.2269  | 0.0160    |
| OFB_CC700     | 16130     | OF-B    | CONDUIT | 14.1   | 0.8597  | 0.0160    |
| OF_C_C600     | 26456     | OF-C    | CONDUIT | 18.5   | 0.4320  | 0.0160    |
| PD_IS_HDPE300 | SU1       | J38     | CONDUIT | 10.0   | -8.0358 | 0.0190    |
| PDDC01        | PDDJ01    | PDDJ02  | CONDUIT | 6.2    | 0.4063  | 0.0350    |
| PDDC02        | PDDJ02    | PDDJ03  | CONDUIT | 11.6   | 0.3108  | 0.0350    |
| PDDC03        | PDDJ03    | PDDJ04  | CONDUIT | 23.5   | 0.3739  | 0.0350    |
| PDDC04        | PDDJ04    | PDDJ05  | CONDUIT | 61.2   | 0.3610  | 0.0350    |
| PDDC05        | PDDJ05    | PDDJ06  | CONDUIT | 40.2   | 0.2960  | 0.0350    |
| PDDC06        | PDDJ06    | PDDJ07  | CONDUIT | 54.3   | 0.2411  | 0.0350    |
| PDDC07        | PDDJ07    | PDDJ08  | CONDUIT | 38.4   | 1.4338  | 0.0350    |
| PDDC08        | PDDJ08    | PDDJ09  | CONDUIT | 38.2   | 0.5552  | 0.0350    |
| PDDC09        | PDDJ09    | PDDJ10  | CONDUIT | 25.3   | 0.5379  | 0.0350    |
| PDDC10        | PDDJ10    | PDDJ11  | CONDUIT | 32.9   | 2.5936  | 0.0350    |
| PUB_rd_DC01   | 26578     | 25025   | CONDUIT | 78.4   | 0.9229  | 0.0350    |
| PUB_rd_DC02   | J36       | 25010   | CONDUIT | 21.2   | 0.5671  | 0.0350    |
| PUB_rd_DC03   | 25010     | PDDJ11  | CONDUIT | 20.0   | 0.5005  | 0.0350    |
| PUB_rd_DC04   | PDDJ11    | 26456   | CONDUIT | 24.8   | 0.2823  | 0.0350    |
| PUB_rd_DC05   | 26419     | 16017   | CONDUIT | 46.7   | 1.2295  | 0.0350    |
| PUB_rd_DC06   | 16017     | 16130   | CONDUIT | 71.4   | 0.0056  | 0.0350    |
| PUB_rd_DC07   | J2        | 16130   | CONDUIT | 79.3   | 0.0996  | 0.0350    |
| PUB_rd_DC08   | 16094     | J5      | CONDUIT | 134.3  | 0.2800  | 0.0350    |
| SDC01         | J49       | J87     | CONDUIT | 33.1   | 3.0879  | 0.0450    |
| SDC02         | J87       | J50     | CONDUIT | 46.3   | 2.4850  | 0.0450    |
| SDC03         | J50       | J51     | CONDUIT | 17.9   | 2.9541  | 0.0450    |
| SMC14         | DDJ14     | 16130   | CONDUIT | 259.5  | 1.0978  | 0.0350    |
| U012001       | T012001   | DDJ03   | CONDUIT | 65.5   | 1.6540  | 0.0350    |
| U013002       | T013002   | DDJ01   | CONDUIT | 33.8   | 0.7672  | 0.0350    |

|           |         |         |         |       |         |        |
|-----------|---------|---------|---------|-------|---------|--------|
| U013003   | T013003 | T013002 | CONDUIT | 22.4  | 0.7941  | 0.0350 |
| U013004   | T043003 | T013003 | CONDUIT | 43.7  | 0.8177  | 0.0350 |
| U013006_2 | T013006 | T043003 | CONDUIT | 5.7   | 3.1238  | 0.0350 |
| U013007   | T013007 | T013006 | CONDUIT | 36.6  | 0.8478  | 0.0350 |
| U013008   | T013012 | T013007 | CONDUIT | 125.0 | 1.4481  | 0.0350 |
| U013015   | T013016 | T013012 | CONDUIT | 57.1  | -0.0350 | 0.0350 |
| U013019   | T013019 | T013016 | CONDUIT | 28.3  | 3.5419  | 0.0350 |
| U013020   | T013020 | T013019 | CONDUIT | 23.0  | 1.4552  | 0.0350 |
| U013021   | T013021 | T013020 | CONDUIT | 23.2  | 1.4391  | 0.0350 |
| U013022   | T013022 | T013021 | CONDUIT | 53.4  | 0.6253  | 0.0350 |
| U013023   | T013023 | T013022 | CONDUIT | 42.9  | 0.7765  | 0.0350 |
| U013024   | T013024 | T013023 | CONDUIT | 28.5  | 1.1722  | 0.0350 |
| U013025   | T013025 | T013024 | CONDUIT | 94.1  | 0.1817  | 0.0350 |
| U013026   | T013031 | T013025 | CONDUIT | 95.9  | 1.0726  | 0.0350 |
| U013032   | T013032 | T013031 | CONDUIT | 140.8 | 0.2771  | 0.0350 |
| U013033   | T013033 | T013032 | CONDUIT | 117.1 | 0.4695  | 0.0350 |
| U013034   | T013037 | T013033 | CONDUIT | 154.0 | 0.1818  | 0.0350 |
| U013038   | T013042 | T013037 | CONDUIT | 63.3  | -0.0316 | 0.0350 |
| U013044   | T013044 | T013042 | CONDUIT | 91.4  | 0.0109  | 0.0350 |
| U013045   | T013045 | T013044 | CONDUIT | 49.4  | 0.0202  | 0.0350 |
| U014001   | T014001 | T013012 | CONDUIT | 20.8  | 0.0482  | 0.0350 |
| U015002   | T015003 | T015001 | CONDUIT | 278.1 | 0.5752  | 0.0350 |
| U016001   | T016001 | T013037 | CONDUIT | 114.9 | 0.0670  | 0.0350 |
| U016002   | T016003 | T016001 | CONDUIT | 52.3  | 0.2928  | 0.0350 |
| OR1       | J38     | PDDJ01  | ORIFICE |       |         |        |

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Cross Section Summary  
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| Conduit       | Shape       | Full<br>Depth | Full<br>Area | Hyd.<br>Rad. | Max.<br>Width | No. of<br>Barrels | Full<br>Flow |
|---------------|-------------|---------------|--------------|--------------|---------------|-------------------|--------------|
| AR02_HDPE450  | CIRCULAR    | 0.45          | 0.16         | 0.11         | 0.45          | 1                 | 0.25         |
| AR1_HDPE600   | CIRCULAR    | 0.60          | 0.28         | 0.15         | 0.60          | 1                 | 0.55         |
| C10           | TRAPEZOIDAL | 0.60          | 1.92         | 0.41         | 4.40          | 1                 | 2.08         |
| C100          | A100        | 0.71          | 6.52         | 0.35         | 18.54         | 1                 | 10.64        |
| C101          | A101        | 0.84          | 7.08         | 0.37         | 18.97         | 1                 | 19.75        |
| C103          | A103        | 0.36          | 2.17         | 0.16         | 13.16         | 1                 | 1.47         |
| C129          | TRAPEZOIDAL | 0.49          | 0.98         | 0.31         | 2.98          | 1                 | 0.95         |
| C130          | TRAPEZOIDAL | 1.38          | 5.19         | 0.72         | 6.52          | 1                 | 16.96        |
| C131          | TRAPEZOIDAL | 1.26          | 3.79         | 0.62         | 5.53          | 1                 | 17.85        |
| C132_1        | TRAPEZOIDAL | 1.97          | 9.71         | 0.99         | 8.87          | 1                 | 17.87        |
| C132_2        | TRAPEZOIDAL | 1.13          | 3.68         | 0.61         | 5.52          | 1                 | 2.42         |
| C133          | TRAPEZOIDAL | 1.00          | 3.00         | 0.55         | 5.00          | 1                 | 4.43         |
| C134          | TRAPEZOIDAL | 0.84          | 2.24         | 0.47         | 4.35          | 1                 | 3.80         |
| C135          | TRAPEZOIDAL | 0.97          | 2.85         | 0.53         | 4.88          | 1                 | 3.92         |
| C136          | TRAPEZOIDAL | 1.00          | 3.00         | 0.55         | 5.00          | 1                 | 1.88         |
| C137          | TRAPEZOIDAL | 1.00          | 3.00         | 0.55         | 5.00          | 1                 | 0.28         |
| C1450_1       | T-C1450_1   | 0.72          | 48.96        | 0.45         | 109.00        | 1                 | 60.06        |
| C20           | TRAPEZOIDAL | 0.30          | 0.78         | 0.23         | 3.20          | 1                 | 0.82         |
| C25_3         | A25         | 0.16          | 0.78         | 0.08         | 9.50          | 1                 | 0.38         |
| C26_1         | TRAPEZOIDAL | 0.30          | 0.48         | 0.20         | 2.20          | 1                 | 0.21         |
| C26_2         | TRAPEZOIDAL | 0.30          | 0.48         | 0.20         | 2.20          | 1                 | 0.21         |
| C26_5         | TRAPEZOIDAL | 0.73          | 1.78         | 0.42         | 3.90          | 1                 | 1.93         |
| C30           | RECT_OPEN   | 0.30          | 0.60         | 0.23         | 2.00          | 1                 | 1.63         |
| C30_3         | TRAPEZOIDAL | 0.30          | 0.87         | 0.22         | 3.80          | 1                 | 0.90         |
| C36           | TRAPEZOIDAL | 0.45          | 0.87         | 0.29         | 2.82          | 1                 | 0.48         |
| C45           | TRAPEZOIDAL | 0.60          | 1.92         | 0.41         | 4.40          | 1                 | 3.06         |
| C46_1         | TRAPEZOIDAL | 0.55          | 1.16         | 0.33         | 3.20          | 1                 | 0.65         |
| C46_2         | TRAPEZOIDAL | 0.69          | 1.63         | 0.40         | 3.74          | 1                 | 1.12         |
| C47           | TRAPEZOIDAL | 0.61          | 1.35         | 0.36         | 3.44          | 1                 | 0.86         |
| C50           | TRAPEZOIDAL | 0.60          | 1.32         | 0.36         | 3.40          | 1                 | 0.95         |
| C57           | A57         | 0.25          | 1.13         | 0.15         | 7.56          | 1                 | 0.94         |
| C60           | TRAPEZOIDAL | 0.69          | 2.99         | 0.49         | 5.74          | 1                 | 2.92         |
| C70           | A70         | 0.95          | 25.32        | 0.62         | 40.00         | 1                 | 52.78        |
| C72           | TRAPEZOIDAL | 0.99          | 2.93         | 0.54         | 4.94          | 1                 | 7.61         |
| C75           | TRAPEZOIDAL | 1.00          | 4.00         | 0.62         | 6.00          | 1                 | 6.26         |
| C80           | TRAPEZOIDAL | 0.72          | 1.75         | 0.42         | 3.88          | 1                 | 4.02         |
| C81           | A81         | 0.13          | 0.54         | 0.07         | 8.04          | 1                 | 0.25         |
| C86           | TRAPEZOIDAL | 1.00          | 4.00         | 0.62         | 6.00          | 1                 | 6.01         |
| C87           | A87         | 0.60          | 5.37         | 0.36         | 14.68         | 1                 | 7.64         |
| C89           | A89         | 0.68          | 5.95         | 0.38         | 15.45         | 1                 | 13.32        |
| C91           | A91         | 0.83          | 4.29         | 0.43         | 9.35          | 1                 | 6.54         |
| C93           | A93         | 0.74          | 4.44         | 0.28         | 16.58         | 1                 | 2.84         |
| C95           | A95         | 0.60          | 3.11         | 0.23         | 13.46         | 1                 | 0.65         |
| C96           | A96         | 1.00          | 11.25        | 0.62         | 17.88         | 1                 | 32.28        |
| C99           | A99         | 1.02          | 10.34        | 0.56         | 18.28         | 1                 | 21.92        |
| DDC01         | TRAPEZOIDAL | 0.70          | 2.89         | 0.45         | 6.22          | 1                 | 5.41         |
| DDC02         | TRAPEZOIDAL | 0.84          | 3.83         | 0.52         | 7.06          | 1                 | 5.38         |
| DDC03         | TRAPEZOIDAL | 1.34          | 9.37         | 0.82         | 11.02         | 1                 | 14.29        |
| DDC04         | TRAPEZOIDAL | 1.29          | 8.86         | 0.79         | 10.74         | 1                 | 13.57        |
| DDC05         | TRAPEZOIDAL | 1.32          | 9.21         | 0.81         | 10.93         | 1                 | 14.17        |
| DDC06         | TRAPEZOIDAL | 1.33          | 9.32         | 0.82         | 10.99         | 1                 | 18.92        |
| DDC07         | TRAPEZOIDAL | 1.36          | 9.67         | 0.83         | 11.18         | 1                 | 18.30        |
| DDC08         | TRAPEZOIDAL | 1.13          | 7.21         | 0.71         | 9.77          | 1                 | 12.79        |
| DDC09         | TRAPEZOIDAL | 1.08          | 6.76         | 0.69         | 9.49          | 1                 | 11.07        |
| DDC10         | TRAPEZOIDAL | 0.99          | 5.88         | 0.64         | 8.92          | 1                 | 11.43        |
| DDC11         | TRAPEZOIDAL | 0.84          | 4.60         | 0.56         | 8.02          | 1                 | 7.87         |
| DDC12         | TRAPEZOIDAL | 0.79          | 3.43         | 0.49         | 6.72          | 1                 | 5.98         |
| DDC13         | TRAPEZOIDAL | 0.81          | 4.39         | 0.54         | 7.85          | 1                 | 9.15         |
| MDC01         | TRAPEZOIDAL | 1.00          | 3.00         | 0.55         | 5.00          | 1                 | 5.94         |
| MDC02         | TRAPEZOIDAL | 0.98          | 2.90         | 0.54         | 4.92          | 1                 | 5.56         |
| MDC03_HDPE600 | CIRCULAR    | 0.75          | 0.44         | 0.19         | 0.75          | 1                 | 1.73         |
| MDC04         | TRAPEZOIDAL | 1.37          | 6.46         | 0.80         | 7.46          | 1                 | 18.91        |
| MDC05_HDPE900 | CIRCULAR    | 0.90          | 0.64         | 0.23         | 0.90          | 1                 | 2.45         |
| NDC01         | TRAPEZOIDAL | 0.47          | 0.92         | 0.29         | 2.89          | 1                 | 1.96         |
| NDC02         | TRAPEZOIDAL | 0.47          | 0.92         | 0.29         | 2.89          | 1                 | 0.95         |
| NDC03         | TRAPEZOIDAL | 0.56          | 1.17         | 0.34         | 3.22          | 1                 | 0.90         |
| NDC04         | TRAPEZOIDAL | 0.66          | 1.55         | 0.39         | 3.66          | 1                 | 1.32         |
| NDC05         | TRAPEZOIDAL | 0.85          | 3.99         | 0.59         | 6.40          | 1                 | 3.62         |
| NDC06         | TRAPEZOIDAL | 0.85          | 2.30         | 0.48         | 4.40          | 1                 | 1.51         |
| NDC07         | TRAPEZOIDAL | 1.25          | 4.35         | 0.66         | 5.98          | 1                 | 6.23         |

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

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Transect Summary  
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Transect 248

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

Transect 257

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Area: | 0.0009 | 0.0043 | 0.0155 | 0.0326 | 0.0513 |
|       | 0.0705 | 0.0900 | 0.1096 | 0.1293 | 0.1491 |
|       | 0.1689 | 0.1889 | 0.2089 | 0.2290 | 0.2493 |
|       | 0.2695 | 0.2899 | 0.3103 | 0.3308 | 0.3515 |
|       | 0.3722 | 0.3930 | 0.4139 | 0.4349 | 0.4559 |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
| Hrad:        | 0.4771 | 0.4983 | 0.5195 | 0.5408 | 0.5622 |
|              | 0.5836 | 0.6050 | 0.6265 | 0.6481 | 0.6696 |
|              | 0.6913 | 0.7129 | 0.7346 | 0.7564 | 0.7782 |
|              | 0.8000 | 0.8219 | 0.8439 | 0.8659 | 0.8880 |
|              | 0.9101 | 0.9323 | 0.9546 | 0.9772 | 1.0000 |
|              | 0.0127 | 0.0220 | 0.0268 | 0.0418 | 0.0625 |
|              | 0.0832 | 0.1057 | 0.1281 | 0.1504 | 0.1726 |
|              | 0.1947 | 0.2166 | 0.2384 | 0.2604 | 0.2824 |
|              | 0.3042 | 0.3258 | 0.3473 | 0.3687 | 0.3899 |
|              | 0.4110 | 0.4319 | 0.4528 | 0.4740 | 0.4951 |
| Width:       | 0.5162 | 0.5378 | 0.5594 | 0.5809 | 0.6024 |
|              | 0.6239 | 0.6453 | 0.6669 | 0.6884 | 0.7098 |
|              | 0.7312 | 0.7526 | 0.7739 | 0.7952 | 0.8162 |
|              | 0.8371 | 0.8578 | 0.8785 | 0.8991 | 0.9196 |
|              | 0.9389 | 0.9582 | 0.9758 | 0.9856 | 1.0000 |
|              | 0.0755 | 0.2466 | 0.6479 | 0.7914 | 0.8230 |
|              | 0.8434 | 0.8478 | 0.8515 | 0.8552 | 0.8589 |
|              | 0.8629 | 0.8673 | 0.8717 | 0.8749 | 0.8776 |
|              | 0.8811 | 0.8847 | 0.8883 | 0.8922 | 0.8961 |
|              | 0.9002 | 0.9045 | 0.9086 | 0.9119 | 0.9153 |
| Transect 261 |        |        |        |        |        |
| Area:        | 0.0008 | 0.0049 | 0.0157 | 0.0315 | 0.0488 |
|              | 0.0664 | 0.0840 | 0.1018 | 0.1196 | 0.1376 |
|              | 0.1558 | 0.1743 | 0.1935 | 0.2136 | 0.2338 |
|              | 0.2541 | 0.2745 | 0.2950 | 0.3157 | 0.3366 |
|              | 0.3578 | 0.3791 | 0.4005 | 0.4221 | 0.4436 |
|              | 0.4652 | 0.4869 | 0.5086 | 0.5303 | 0.5521 |
|              | 0.5739 | 0.5958 | 0.6178 | 0.6398 | 0.6619 |
|              | 0.6840 | 0.7062 | 0.7284 | 0.7507 | 0.7731 |
|              | 0.7955 | 0.8179 | 0.8404 | 0.8630 | 0.8857 |
|              | 0.9084 | 0.9311 | 0.9540 | 0.9769 | 1.0000 |
| Hrad:        | 0.0094 | 0.0196 | 0.0284 | 0.0442 | 0.0654 |
|              | 0.0881 | 0.1110 | 0.1338 | 0.1564 | 0.1789 |
|              | 0.2007 | 0.2219 | 0.2336 | 0.2478 | 0.2699 |
|              | 0.2919 | 0.3136 | 0.3352 | 0.3555 | 0.3749 |
|              | 0.3926 | 0.4141 | 0.4355 | 0.4573 | 0.4795 |
|              | 0.5017 | 0.5238 | 0.5458 | 0.5678 | 0.5896 |
|              | 0.6110 | 0.6322 | 0.6534 | 0.6745 | 0.6959 |
|              | 0.7172 | 0.7385 | 0.7597 | 0.7809 | 0.8018 |
|              | 0.8225 | 0.8432 | 0.8638 | 0.8843 | 0.9045 |
|              | 0.9247 | 0.9447 | 0.9641 | 0.9821 | 1.0000 |
| Width:       | 0.1045 | 0.3072 | 0.6073 | 0.7380 | 0.7556 |
|              | 0.7620 | 0.7661 | 0.7701 | 0.7741 | 0.7816 |
|              | 0.7945 | 0.8097 | 0.8553 | 0.8719 | 0.8762 |
|              | 0.8805 | 0.8852 | 0.8902 | 0.8979 | 0.9077 |
|              | 0.9213 | 0.9251 | 0.9289 | 0.9319 | 0.9337 |
|              | 0.9356 | 0.9374 | 0.9392 | 0.9411 | 0.9431 |
|              | 0.9458 | 0.9486 | 0.9513 | 0.9540 | 0.9562 |
|              | 0.9584 | 0.9606 | 0.9628 | 0.9650 | 0.9675 |
|              | 0.9701 | 0.9727 | 0.9752 | 0.9779 | 0.9808 |
|              | 0.9837 | 0.9866 | 0.9901 | 0.9951 | 1.0000 |
| Transect 287 |        |        |        |        |        |
| Area:        | 0.0007 | 0.0025 | 0.0050 | 0.0094 | 0.0150 |
|              | 0.0223 | 0.0312 | 0.0412 | 0.0518 | 0.0631 |
|              | 0.0748 | 0.0868 | 0.0993 | 0.1126 | 0.1265 |
|              | 0.1407 | 0.1560 | 0.1732 | 0.1910 | 0.2097 |
|              | 0.2296 | 0.2501 | 0.2709 | 0.2923 | 0.3143 |
|              | 0.3369 | 0.3597 | 0.3827 | 0.4060 | 0.4294 |
|              | 0.4533 | 0.4776 | 0.5023 | 0.5272 | 0.5524 |
|              | 0.5781 | 0.6048 | 0.6325 | 0.6611 | 0.6903 |
|              | 0.7198 | 0.7496 | 0.7796 | 0.8100 | 0.8406 |
|              | 0.8715 | 0.9028 | 0.9344 | 0.9669 | 1.0000 |
| Hrad:        | 0.0174 | 0.0403 | 0.0624 | 0.0700 | 0.0863 |
|              | 0.1043 | 0.1231 | 0.1412 | 0.1615 | 0.1871 |
|              | 0.2153 | 0.2428 | 0.2691 | 0.2752 | 0.3036 |
|              | 0.3286 | 0.3363 | 0.3340 | 0.3621 | 0.3777 |
|              | 0.3923 | 0.4087 | 0.4310 | 0.4572 | 0.4820 |
|              | 0.4972 | 0.5269 | 0.5566 | 0.5871 | 0.6174 |
|              | 0.6471 | 0.6655 | 0.6946 | 0.7232 | 0.7508 |
|              | 0.7776 | 0.8016 | 0.7850 | 0.7803 | 0.8050 |
|              | 0.8333 | 0.8613 | 0.8893 | 0.8900 | 0.9189 |
|              | 0.9497 | 0.9802 | 0.9925 | 0.9932 | 1.0000 |
| Width:       | 0.0388 | 0.0622 | 0.1001 | 0.1472 | 0.1932 |
|              | 0.2439 | 0.2840 | 0.3062 | 0.3277 | 0.3432 |
|              | 0.3525 | 0.3629 | 0.3840 | 0.4107 | 0.4181 |
|              | 0.4292 | 0.4928 | 0.5252 | 0.5392 | 0.5788 |
|              | 0.6051 | 0.6133 | 0.6294 | 0.6481 | 0.6639 |
|              | 0.6780 | 0.6829 | 0.6894 | 0.6960 | 0.7026 |
|              | 0.7203 | 0.7310 | 0.7387 | 0.7463 | 0.7564 |
|              | 0.7833 | 0.8082 | 0.8416 | 0.8655 | 0.8768 |
|              | 0.8839 | 0.8911 | 0.9005 | 0.9100 | 0.9179 |
|              | 0.9267 | 0.9355 | 0.9539 | 0.9783 | 1.0000 |
| Transect 288 |        |        |        |        |        |
| Area:        | 0.0010 | 0.0041 | 0.0080 | 0.0120 | 0.0166 |
|              | 0.0221 | 0.0281 | 0.0356 | 0.0450 | 0.0559 |
|              | 0.0679 | 0.0809 | 0.0946 | 0.1096 | 0.1256 |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
| Hrad:        | 0.1424 | 0.1601 | 0.1785 | 0.1973 | 0.2166 |
|              | 0.2362 | 0.2562 | 0.2767 | 0.2976 | 0.3190 |
|              | 0.3408 | 0.3630 | 0.3854 | 0.4081 | 0.4313 |
|              | 0.4551 | 0.4794 | 0.5046 | 0.5303 | 0.5570 |
|              | 0.5842 | 0.6121 | 0.6408 | 0.6699 | 0.6991 |
|              | 0.7284 | 0.7581 | 0.7882 | 0.8183 | 0.8485 |
|              | 0.8787 | 0.9089 | 0.9392 | 0.9695 | 1.0000 |
|              |        |        |        |        |        |
| Width:       | 0.0152 | 0.0357 | 0.0624 | 0.0906 | 0.1150 |
|              | 0.1343 | 0.1474 | 0.1574 | 0.1727 | 0.1854 |
|              | 0.1964 | 0.2125 | 0.2323 | 0.2523 | 0.2716 |
|              | 0.2912 | 0.3094 | 0.3223 | 0.3397 | 0.3603 |
|              | 0.3816 | 0.4027 | 0.4234 | 0.4433 | 0.4642 |
|              | 0.4773 | 0.5019 | 0.5261 | 0.5490 | 0.5716 |
|              | 0.5843 | 0.6050 | 0.6063 | 0.6281 | 0.6415 |
|              | 0.6642 | 0.6855 | 0.7086 | 0.7021 | 0.7300 |
| Transect 293 | 0.7578 | 0.7764 | 0.8003 | 0.8300 | 0.8597 |
|              | 0.8893 | 0.9189 | 0.9476 | 0.9756 | 1.0000 |
|              |        |        |        |        |        |
|              | 0.0712 | 0.1182 | 0.1278 | 0.1435 | 0.1608 |
|              | 0.1880 | 0.2146 | 0.2825 | 0.3407 | 0.3743 |
|              | 0.4091 | 0.4352 | 0.4718 | 0.5087 | 0.5359 |
|              | 0.5661 | 0.5886 | 0.6099 | 0.6231 | 0.6356 |
|              | 0.6484 | 0.6618 | 0.6765 | 0.6914 | 0.7048 |
| Area:        | 0.7199 | 0.7286 | 0.7376 | 0.7480 | 0.7684 |
|              | 0.7854 | 0.8099 | 0.8356 | 0.8533 | 0.8810 |
|              | 0.8972 | 0.9292 | 0.9437 | 0.9542 | 0.9578 |
|              | 0.9614 | 0.9781 | 0.9849 | 0.9860 | 0.9870 |
|              | 0.9881 | 0.9891 | 0.9911 | 0.9938 | 1.0000 |
|              |        |        |        |        |        |
|              |        |        |        |        |        |
|              |        |        |        |        |        |
| Hrad:        | 0.0002 | 0.0017 | 0.0076 | 0.0180 | 0.0315 |
|              | 0.0464 | 0.0618 | 0.0777 | 0.0941 | 0.1106 |
|              | 0.1274 | 0.1444 | 0.1616 | 0.1788 | 0.1961 |
|              | 0.2134 | 0.2308 | 0.2482 | 0.2657 | 0.2835 |
|              | 0.3019 | 0.3211 | 0.3410 | 0.3615 | 0.3822 |
|              | 0.4035 | 0.4256 | 0.4481 | 0.4709 | 0.4941 |
|              | 0.5176 | 0.5414 | 0.5655 | 0.5897 | 0.6140 |
|              | 0.6384 | 0.6629 | 0.6876 | 0.7125 | 0.7379 |
| Width:       | 0.7633 | 0.7888 | 0.8144 | 0.8401 | 0.8661 |
|              | 0.8925 | 0.9193 | 0.9461 | 0.9730 | 1.0000 |
|              |        |        |        |        |        |
|              | 0.0122 | 0.0174 | 0.0286 | 0.0426 | 0.0596 |
|              | 0.0841 | 0.1083 | 0.1314 | 0.1552 | 0.1800 |
|              | 0.2047 | 0.2290 | 0.2554 | 0.2816 | 0.3078 |
|              | 0.3339 | 0.3599 | 0.3859 | 0.4116 | 0.4365 |
|              | 0.4603 | 0.4522 | 0.4721 | 0.4782 | 0.4958 |
| Area:        | 0.5115 | 0.5194 | 0.5446 | 0.5692 | 0.5932 |
|              | 0.5929 | 0.6124 | 0.6356 | 0.6601 | 0.6832 |
|              | 0.7072 | 0.7314 | 0.7553 | 0.7635 | 0.7873 |
|              | 0.8113 | 0.8358 | 0.8602 | 0.8838 | 0.9065 |
|              | 0.9044 | 0.9287 | 0.9532 | 0.9771 | 1.0000 |
|              |        |        |        |        |        |
|              |        |        |        |        |        |
|              |        |        |        |        |        |
| Transect 295 | 0.0201 | 0.1337 | 0.2971 | 0.4551 | 0.5431 |
|              | 0.5612 | 0.5780 | 0.5961 | 0.6082 | 0.6168 |
|              | 0.6247 | 0.6328 | 0.6349 | 0.6370 | 0.6391 |
|              | 0.6411 | 0.6430 | 0.6450 | 0.6525 | 0.6634 |
|              | 0.6964 | 0.7225 | 0.7489 | 0.7581 | 0.7730 |
|              | 0.8025 | 0.8218 | 0.8377 | 0.8487 | 0.8649 |
|              | 0.8755 | 0.8866 | 0.8920 | 0.8954 | 0.9007 |
|              | 0.9046 | 0.9081 | 0.9118 | 0.9347 | 0.9386 |
| Hrad:        | 0.9420 | 0.9449 | 0.9477 | 0.9514 | 0.9687 |
|              | 0.9875 | 0.9903 | 0.9928 | 0.9960 | 1.0000 |
|              |        |        |        |        |        |
|              | 0.0003 | 0.0010 | 0.0019 | 0.0030 | 0.0042 |
|              | 0.0056 | 0.0069 | 0.0084 | 0.0100 | 0.0117 |
|              | 0.0135 | 0.0155 | 0.0190 | 0.0252 | 0.0351 |
|              | 0.0484 | 0.0646 | 0.0820 | 0.1003 | 0.1191 |
|              | 0.1385 | 0.1583 | 0.1787 | 0.1995 | 0.2207 |
| Width:       | 0.2424 | 0.2646 | 0.2869 | 0.3101 | 0.3335 |
|              | 0.3572 | 0.3810 | 0.4053 | 0.4311 | 0.4591 |
|              | 0.4887 | 0.5195 | 0.5513 | 0.5851 | 0.6198 |
|              | 0.6554 | 0.6919 | 0.7293 | 0.7673 | 0.8055 |
|              | 0.8439 | 0.8826 | 0.9215 | 0.9606 | 1.0000 |
|              |        |        |        |        |        |
|              |        |        |        |        |        |
|              |        |        |        |        |        |
| Transect 297 | 0.0211 | 0.0474 | 0.0750 | 0.1022 | 0.1327 |
|              | 0.1618 | 0.1896 | 0.2165 | 0.2421 | 0.2666 |
|              | 0.2906 | 0.3103 | 0.3012 | 0.2603 | 0.2014 |
|              | 0.1965 | 0.2057 | 0.2230 | 0.2483 | 0.2749 |
|              | 0.3032 | 0.3311 | 0.3443 | 0.3772 | 0.4068 |
|              | 0.4361 | 0.4694 | 0.5028 | 0.5239 | 0.5590 |
|              | 0.5943 | 0.6263 | 0.6511 | 0.6805 | 0.6970 |
|              | 0.7239 | 0.7510 | 0.7757 | 0.7070 | 0.7411 |
| Area:        | 0.7726 | 0.8025 | 0.7645 | 0.7946 | 0.8302 |
|              | 0.8655 | 0.8985 | 0.9321 | 0.9655 | 1.0000 |
|              |        |        |        |        |        |
|              | 0.0138 | 0.0211 | 0.0257 | 0.0296 | 0.0319 |
|              | 0.0343 | 0.0366 | 0.0389 | 0.0413 | 0.0438 |
|              | 0.0463 | 0.0592 | 0.1186 | 0.1969 | 0.3025 |
|              | 0.3850 | 0.4315 | 0.4577 | 0.4699 | 0.4830 |
|              | 0.4954 | 0.5102 | 0.5230 | 0.5313 | 0.5434 |
| Width:       | 0.5560 | 0.5635 | 0.5706 | 0.5917 | 0.5966 |
|              | 0.6009 | 0.6083 | 0.6272 | 0.6747 | 0.7351 |
|              | 0.7626 | 0.7934 | 0.8281 | 0.8739 | 0.8887 |
|              | 0.9079 | 0.9393 | 0.9541 | 0.9657 | 0.9703 |
|              | 0.9751 | 0.9822 | 0.9885 | 0.9949 | 1.0000 |
|              |        |        |        |        |        |
|              |        |        |        |        |        |
|              |        |        |        |        |        |
| Transect 297 |        |        |        |        |        |
|              | 0.0003 | 0.0012 | 0.0025 | 0.0040 | 0.0056 |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
|              | 0.0084 | 0.0120 | 0.0159 | 0.0200 | 0.0249 |
|              | 0.0313 | 0.0386 | 0.0469 | 0.0565 | 0.0668 |
|              | 0.0778 | 0.0900 | 0.1032 | 0.1195 | 0.1387 |
|              | 0.1595 | 0.1808 | 0.2027 | 0.2253 | 0.2481 |
|              | 0.2714 | 0.2950 | 0.3189 | 0.3435 | 0.3692 |
|              | 0.3961 | 0.4243 | 0.4536 | 0.4832 | 0.5135 |
|              | 0.5445 | 0.5759 | 0.6077 | 0.6400 | 0.6723 |
|              | 0.7046 | 0.7371 | 0.7697 | 0.8025 | 0.8353 |
|              | 0.8682 | 0.9010 | 0.9340 | 0.9670 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0210 | 0.0338 | 0.0615 | 0.0872 | 0.1125 |
|              | 0.0821 | 0.1107 | 0.1387 | 0.1656 | 0.1848 |
|              | 0.1868 | 0.2053 | 0.2169 | 0.2088 | 0.2319 |
|              | 0.2502 | 0.2638 | 0.2868 | 0.3016 | 0.3125 |
|              | 0.3199 | 0.3376 | 0.3557 | 0.3394 | 0.3683 |
|              | 0.3942 | 0.4227 | 0.4496 | 0.4683 | 0.4932 |
|              | 0.5153 | 0.5361 | 0.5195 | 0.5481 | 0.5728 |
|              | 0.5993 | 0.6271 | 0.6498 | 0.6594 | 0.6909 |
|              | 0.7226 | 0.7542 | 0.7812 | 0.8128 | 0.8449 |
|              | 0.8770 | 0.9091 | 0.9407 | 0.9721 | 1.0000 |
| Width:       |        |        |        |        |        |
|              | 0.0130 | 0.0367 | 0.0414 | 0.0458 | 0.0582 |
|              | 0.1068 | 0.1141 | 0.1201 | 0.1271 | 0.1706 |
|              | 0.2122 | 0.2290 | 0.2743 | 0.3010 | 0.3178 |
|              | 0.3550 | 0.3772 | 0.4301 | 0.5442 | 0.6067 |
|              | 0.6343 | 0.6511 | 0.6704 | 0.6844 | 0.6929 |
|              | 0.7066 | 0.7157 | 0.7272 | 0.7583 | 0.7983 |
|              | 0.8248 | 0.8727 | 0.8866 | 0.9028 | 0.9286 |
|              | 0.9365 | 0.9548 | 0.9672 | 0.9722 | 0.9745 |
|              | 0.9765 | 0.9784 | 0.9865 | 0.9883 | 0.9894 |
|              | 0.9905 | 0.9916 | 0.9931 | 0.9948 | 1.0000 |
| Transect 299 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
|              | 0.0012 | 0.0034 | 0.0066 | 0.0105 | 0.0152 |
|              | 0.0213 | 0.0281 | 0.0355 | 0.0439 | 0.0533 |
|              | 0.0647 | 0.0768 | 0.0897 | 0.1033 | 0.1182 |
|              | 0.1342 | 0.1506 | 0.1678 | 0.1853 | 0.2031 |
|              | 0.2211 | 0.2392 | 0.2578 | 0.2769 | 0.2961 |
|              | 0.3155 | 0.3352 | 0.3552 | 0.3764 | 0.3984 |
|              | 0.4209 | 0.4439 | 0.4675 | 0.4916 | 0.5163 |
|              | 0.5415 | 0.5678 | 0.5961 | 0.6271 | 0.6596 |
|              | 0.6925 | 0.7257 | 0.7592 | 0.7930 | 0.8271 |
|              | 0.8615 | 0.8959 | 0.9304 | 0.9650 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0242 | 0.0503 | 0.0648 | 0.0936 | 0.1047 |
|              | 0.1163 | 0.1443 | 0.1697 | 0.1867 | 0.1934 |
|              | 0.1940 | 0.2191 | 0.2371 | 0.2672 | 0.2672 |
|              | 0.2946 | 0.3210 | 0.3428 | 0.3737 | 0.4051 |
|              | 0.4362 | 0.4670 | 0.4970 | 0.5137 | 0.5459 |
|              | 0.5756 | 0.6023 | 0.6299 | 0.6304 | 0.6575 |
|              | 0.6840 | 0.7094 | 0.7310 | 0.7536 | 0.7783 |
|              | 0.8023 | 0.8189 | 0.8270 | 0.7493 | 0.7678 |
|              | 0.7962 | 0.8250 | 0.8540 | 0.8295 | 0.8543 |
|              | 0.8870 | 0.9207 | 0.9545 | 0.9882 | 1.0000 |
| Width:       |        |        |        |        |        |
|              | 0.0555 | 0.0731 | 0.1023 | 0.1203 | 0.1465 |
|              | 0.1846 | 0.2006 | 0.2183 | 0.2488 | 0.2908 |
|              | 0.3354 | 0.3527 | 0.3805 | 0.3890 | 0.4448 |
|              | 0.4581 | 0.4719 | 0.4924 | 0.4989 | 0.5043 |
|              | 0.5097 | 0.5160 | 0.5317 | 0.5420 | 0.5455 |
|              | 0.5512 | 0.5597 | 0.5715 | 0.6152 | 0.6280 |
|              | 0.6421 | 0.6562 | 0.6732 | 0.6900 | 0.7031 |
|              | 0.7240 | 0.7646 | 0.8355 | 0.9069 | 0.9248 |
|              | 0.9340 | 0.9416 | 0.9482 | 0.9573 | 0.9693 |
|              | 0.9721 | 0.9737 | 0.9752 | 0.9787 | 1.0000 |
| Transect 300 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
|              | 0.0002 | 0.0016 | 0.0049 | 0.0095 | 0.0159 |
|              | 0.0235 | 0.0316 | 0.0402 | 0.0492 | 0.0594 |
|              | 0.0709 | 0.0849 | 0.0998 | 0.1151 | 0.1306 |
|              | 0.1464 | 0.1626 | 0.1791 | 0.1963 | 0.2145 |
|              | 0.2332 | 0.2525 | 0.2725 | 0.2931 | 0.3149 |
|              | 0.3386 | 0.3632 | 0.3885 | 0.4140 | 0.4399 |
|              | 0.4661 | 0.4924 | 0.5190 | 0.5456 | 0.5723 |
|              | 0.5991 | 0.6260 | 0.6532 | 0.6806 | 0.7081 |
|              | 0.7357 | 0.7633 | 0.7912 | 0.8195 | 0.8480 |
|              | 0.8769 | 0.9065 | 0.9369 | 0.9680 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0147 | 0.0234 | 0.0418 | 0.0632 | 0.0735 |
|              | 0.0960 | 0.1250 | 0.1494 | 0.1752 | 0.1952 |
|              | 0.2107 | 0.2035 | 0.2149 | 0.2444 | 0.2731 |
|              | 0.2992 | 0.3241 | 0.3521 | 0.3706 | 0.3960 |
|              | 0.4204 | 0.4450 | 0.4580 | 0.4832 | 0.5058 |
|              | 0.5265 | 0.5471 | 0.5680 | 0.5894 | 0.6109 |
|              | 0.5773 | 0.6054 | 0.6342 | 0.6644 | 0.6951 |
|              | 0.7257 | 0.7526 | 0.7752 | 0.8046 | 0.8346 |
|              | 0.8649 | 0.8951 | 0.9235 | 0.9519 | 0.9803 |
|              | 0.9872 | 0.9783 | 0.9914 | 1.0160 | 1.0000 |
| Width:       |        |        |        |        |        |
|              | 0.0188 | 0.0841 | 0.1258 | 0.1720 | 0.2175 |
|              | 0.2469 | 0.2552 | 0.2710 | 0.2902 | 0.3340 |
|              | 0.4055 | 0.4463 | 0.4680 | 0.4746 | 0.4818 |
|              | 0.4931 | 0.5056 | 0.5161 | 0.5487 | 0.5680 |
|              | 0.5868 | 0.6042 | 0.6281 | 0.6434 | 0.7090 |
|              | 0.7494 | 0.7699 | 0.7843 | 0.7929 | 0.8031 |
|              | 0.8103 | 0.8161 | 0.8208 | 0.8235 | 0.8255 |
|              | 0.8274 | 0.8335 | 0.8442 | 0.8472 | 0.8496 |
|              | 0.8516 | 0.8542 | 0.8671 | 0.8754 | 0.8829 |
|              | 0.9011 | 0.9267 | 0.9470 | 0.9711 | 1.0000 |
| Transect 301 |        |        |        |        |        |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  | 0.0002 | 0.0017 | 0.0076 | 0.0180 | 0.0315 |
|        | 0.0464 | 0.0618 | 0.0777 | 0.0941 | 0.1106 |
|        | 0.1274 | 0.1444 | 0.1616 | 0.1788 | 0.1961 |
|        | 0.2134 | 0.2308 | 0.2482 | 0.2657 | 0.2835 |
|        | 0.3019 | 0.3211 | 0.3410 | 0.3615 | 0.3822 |
|        | 0.4035 | 0.4256 | 0.4481 | 0.4709 | 0.4941 |
|        | 0.5176 | 0.5414 | 0.5655 | 0.5897 | 0.6140 |
|        | 0.6384 | 0.6629 | 0.6876 | 0.7125 | 0.7379 |
|        | 0.7633 | 0.7888 | 0.8144 | 0.8401 | 0.8661 |
|        | 0.8925 | 0.9193 | 0.9461 | 0.9730 | 1.0000 |
| Hrad:  | 0.0122 | 0.0174 | 0.0286 | 0.0426 | 0.0596 |
|        | 0.0841 | 0.1083 | 0.1314 | 0.1552 | 0.1800 |
|        | 0.2047 | 0.2290 | 0.2554 | 0.2816 | 0.3078 |
|        | 0.3339 | 0.3599 | 0.3859 | 0.4116 | 0.4365 |
|        | 0.4603 | 0.4522 | 0.4721 | 0.4782 | 0.4958 |
|        | 0.5115 | 0.5194 | 0.5446 | 0.5692 | 0.5932 |
|        | 0.5929 | 0.6124 | 0.6356 | 0.6601 | 0.6832 |
|        | 0.7072 | 0.7314 | 0.7553 | 0.7635 | 0.7873 |
|        | 0.8113 | 0.8358 | 0.8602 | 0.8838 | 0.9065 |
|        | 0.9044 | 0.9287 | 0.9532 | 0.9771 | 1.0000 |
| Width: | 0.0201 | 0.1337 | 0.2971 | 0.4551 | 0.5431 |
|        | 0.5612 | 0.5780 | 0.5961 | 0.6082 | 0.6168 |
|        | 0.6247 | 0.6328 | 0.6349 | 0.6370 | 0.6391 |
|        | 0.6411 | 0.6430 | 0.6450 | 0.6525 | 0.6634 |
|        | 0.6964 | 0.7225 | 0.7489 | 0.7581 | 0.7730 |
|        | 0.8025 | 0.8218 | 0.8377 | 0.8487 | 0.8649 |
|        | 0.8755 | 0.8866 | 0.8920 | 0.8954 | 0.9007 |
|        | 0.9046 | 0.9081 | 0.9118 | 0.9347 | 0.9386 |
|        | 0.9420 | 0.9449 | 0.9477 | 0.9514 | 0.9687 |
|        | 0.9875 | 0.9903 | 0.9928 | 0.9960 | 1.0000 |

Transect 304

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  | 0.0002 | 0.0013 | 0.0029 | 0.0049 | 0.0072 |
|        | 0.0100 | 0.0131 | 0.0167 | 0.0209 | 0.0261 |
|        | 0.0327 | 0.0401 | 0.0483 | 0.0577 | 0.0681 |
|        | 0.0797 | 0.0920 | 0.1048 | 0.1185 | 0.1340 |
|        | 0.1515 | 0.1710 | 0.1921 | 0.2151 | 0.2395 |
|        | 0.2644 | 0.2898 | 0.3163 | 0.3438 | 0.3721 |
|        | 0.4009 | 0.4303 | 0.4603 | 0.4905 | 0.5209 |
|        | 0.5515 | 0.5825 | 0.6136 | 0.6449 | 0.6763 |
|        | 0.7079 | 0.7396 | 0.7716 | 0.8036 | 0.8359 |
|        | 0.8683 | 0.9009 | 0.9338 | 0.9668 | 1.0000 |
| Hrad:  | 0.0134 | 0.0290 | 0.0533 | 0.0776 | 0.0918 |
|        | 0.1125 | 0.1349 | 0.1442 | 0.1657 | 0.1587 |
|        | 0.1521 | 0.1791 | 0.2024 | 0.2036 | 0.2252 |
|        | 0.2475 | 0.2700 | 0.2807 | 0.3006 | 0.3202 |
|        | 0.3352 | 0.3479 | 0.3618 | 0.3295 | 0.3253 |
|        | 0.3553 | 0.3835 | 0.4081 | 0.4328 | 0.4586 |
|        | 0.4601 | 0.4883 | 0.5113 | 0.5412 | 0.5716 |
|        | 0.5975 | 0.6273 | 0.6581 | 0.6883 | 0.7178 |
|        | 0.7467 | 0.7756 | 0.8058 | 0.8349 | 0.8635 |
|        | 0.8927 | 0.9192 | 0.9462 | 0.9755 | 1.0000 |
| Width: | 0.0185 | 0.0446 | 0.0548 | 0.0631 | 0.0784 |
|        | 0.0891 | 0.0975 | 0.1163 | 0.1360 | 0.1732 |
|        | 0.2156 | 0.2243 | 0.2644 | 0.2941 | 0.3339 |
|        | 0.3574 | 0.3747 | 0.3932 | 0.4417 | 0.4959 |
|        | 0.5548 | 0.6122 | 0.6577 | 0.7166 | 0.7384 |
|        | 0.7542 | 0.7712 | 0.8118 | 0.8365 | 0.8536 |
|        | 0.8737 | 0.8904 | 0.9025 | 0.9085 | 0.9134 |
|        | 0.9250 | 0.9305 | 0.9342 | 0.9385 | 0.9436 |
|        | 0.9493 | 0.9548 | 0.9585 | 0.9634 | 0.9688 |
|        | 0.9732 | 0.9806 | 0.9871 | 0.9912 | 1.0000 |

Transect 311

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  | 0.0002 | 0.0013 | 0.0029 | 0.0049 | 0.0072 |
|        | 0.0100 | 0.0131 | 0.0167 | 0.0209 | 0.0261 |
|        | 0.0327 | 0.0401 | 0.0483 | 0.0577 | 0.0681 |
|        | 0.0797 | 0.0920 | 0.1048 | 0.1185 | 0.1340 |
|        | 0.1515 | 0.1710 | 0.1921 | 0.2151 | 0.2395 |
|        | 0.2644 | 0.2898 | 0.3163 | 0.3438 | 0.3721 |
|        | 0.4009 | 0.4303 | 0.4603 | 0.4905 | 0.5209 |
|        | 0.5515 | 0.5825 | 0.6136 | 0.6449 | 0.6763 |
|        | 0.7079 | 0.7396 | 0.7716 | 0.8036 | 0.8359 |
|        | 0.8683 | 0.9009 | 0.9338 | 0.9668 | 1.0000 |
| Hrad:  | 0.0134 | 0.0290 | 0.0533 | 0.0776 | 0.0918 |
|        | 0.1125 | 0.1349 | 0.1442 | 0.1657 | 0.1587 |
|        | 0.1521 | 0.1791 | 0.2024 | 0.2036 | 0.2252 |
|        | 0.2475 | 0.2700 | 0.2807 | 0.3006 | 0.3202 |
|        | 0.3352 | 0.3479 | 0.3618 | 0.3295 | 0.3253 |
|        | 0.3553 | 0.3835 | 0.4081 | 0.4328 | 0.4586 |
|        | 0.4601 | 0.4883 | 0.5113 | 0.5412 | 0.5716 |
|        | 0.5975 | 0.6273 | 0.6581 | 0.6883 | 0.7178 |
|        | 0.7467 | 0.7756 | 0.8058 | 0.8349 | 0.8635 |
|        | 0.8927 | 0.9192 | 0.9462 | 0.9755 | 1.0000 |
| Width: | 0.0185 | 0.0446 | 0.0548 | 0.0631 | 0.0784 |
|        | 0.0891 | 0.0975 | 0.1163 | 0.1360 | 0.1732 |
|        | 0.2156 | 0.2243 | 0.2644 | 0.2941 | 0.3339 |
|        | 0.3574 | 0.3747 | 0.3932 | 0.4417 | 0.4959 |
|        | 0.5548 | 0.6122 | 0.6577 | 0.7166 | 0.7384 |
|        | 0.7542 | 0.7712 | 0.8118 | 0.8365 | 0.8536 |
|        | 0.8737 | 0.8904 | 0.9025 | 0.9085 | 0.9134 |
|        | 0.9250 | 0.9305 | 0.9342 | 0.9385 | 0.9436 |
|        | 0.9493 | 0.9548 | 0.9585 | 0.9634 | 0.9688 |
|        | 0.9732 | 0.9806 | 0.9871 | 0.9912 | 1.0000 |

Transect 319

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  | 0.0012 | 0.0045 | 0.0089 | 0.0142 | 0.0200 |
|        | 0.0265 | 0.0345 | 0.0436 | 0.0539 | 0.0650 |
|        | 0.0765 | 0.0885 | 0.1010 | 0.1141 | 0.1278 |
|        | 0.1418 | 0.1564 | 0.1714 | 0.1868 | 0.2027 |
|        | 0.2191 | 0.2361 | 0.2535 | 0.2714 | 0.2897 |
|        | 0.3085 | 0.3278 | 0.3476 | 0.3679 | 0.3893 |
|        | 0.4124 | 0.4361 | 0.4608 | 0.4862 | 0.5123 |
|        | 0.5391 | 0.5667 | 0.5951 | 0.6242 | 0.6542 |
|        | 0.6858 | 0.7185 | 0.7518 | 0.7856 | 0.8198 |
|        | 0.8544 | 0.8893 | 0.9252 | 0.9621 | 1.0000 |
| Hrad:  | 0.0186 | 0.0448 | 0.0711 | 0.0997 | 0.1271 |
|        | 0.1351 | 0.1555 | 0.1745 | 0.1941 | 0.2229 |
|        | 0.2529 | 0.2817 | 0.3046 | 0.3313 | 0.3582 |
|        | 0.3854 | 0.4116 | 0.4370 | 0.4624 | 0.4868 |
|        | 0.5113 | 0.5335 | 0.5573 | 0.5806 | 0.6063 |
|        | 0.6301 | 0.6509 | 0.6737 | 0.6944 | 0.6639 |
|        | 0.6837 | 0.7004 | 0.7141 | 0.7330 | 0.7507 |
|        | 0.7718 | 0.7853 | 0.8030 | 0.8234 | 0.8206 |
|        | 0.8284 | 0.8441 | 0.8703 | 0.8957 | 0.9245 |
|        | 0.9538 | 0.9838 | 0.9803 | 0.9995 | 1.0000 |
| Width: | 0.0645 | 0.1000 | 0.1258 | 0.1424 | 0.1574 |
|        | 0.1966 | 0.2225 | 0.2508 | 0.2783 | 0.2922 |
|        | 0.3032 | 0.3148 | 0.3323 | 0.3453 | 0.3574 |
|        | 0.3688 | 0.3807 | 0.3930 | 0.4048 | 0.4173 |
|        | 0.4295 | 0.4434 | 0.4557 | 0.4684 | 0.4789 |
|        | 0.4906 | 0.5046 | 0.5170 | 0.5308 | 0.5875 |
|        | 0.6044 | 0.6239 | 0.6465 | 0.6646 | 0.6838 |
|        | 0.6999 | 0.7231 | 0.7427 | 0.7597 | 0.7989 |
|        | 0.8297 | 0.8530 | 0.8656 | 0.8785 | 0.8880 |
|        | 0.8967 | 0.9046 | 0.9443 | 0.9628 | 1.0000 |

Transect 320

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  | 0.0007 | 0.0025 | 0.0053 | 0.0086 | 0.0123 |
|        | 0.0165 | 0.0214 | 0.0268 | 0.0328 | 0.0395 |
|        | 0.0467 | 0.0546 | 0.0632 | 0.0723 | 0.0817 |
|        | 0.0913 | 0.1012 | 0.1113 | 0.1218 | 0.1340 |
|        | 0.1473 | 0.1613 | 0.1766 | 0.1942 | 0.2129 |
|        | 0.2326 | 0.2531 | 0.2743 | 0.2968 | 0.3206 |
|        | 0.3456 | 0.3720 | 0.3991 | 0.4277 | 0.4577 |
|        | 0.4883 | 0.5195 | 0.5514 | 0.5840 | 0.6174 |
|        | 0.6515 | 0.6870 | 0.7241 | 0.7620 | 0.8004 |
|        | 0.8393 | 0.8785 | 0.9181 | 0.9582 | 1.0000 |
| Hrad:  | 0.0209 | 0.0430 | 0.0724 | 0.1010 | 0.1301 |
|        | 0.1533 | 0.1719 | 0.1956 | 0.2171 | 0.2366 |
|        | 0.2598 | 0.2732 | 0.2956 | 0.3258 | 0.3583 |
|        | 0.3906 | 0.4217 | 0.4504 | 0.4718 | 0.4310 |
|        | 0.4482 | 0.4672 | 0.4771 | 0.4546 | 0.4786 |
|        | 0.5004 | 0.5267 | 0.5544 | 0.5576 | 0.5757 |
|        | 0.5951 | 0.5776 | 0.6080 | 0.6038 | 0.6298 |
|        | 0.6586 | 0.6875 | 0.7119 | 0.7396 | 0.7612 |
|        | 0.7890 | 0.7786 | 0.8059 | 0.8305 | 0.8627 |
|        | 0.8969 | 0.9295 | 0.9622 | 0.9926 | 1.0000 |
| Width: | 0.0304 | 0.0568 | 0.0705 | 0.0821 | 0.0916 |
|        | 0.1042 | 0.1202 | 0.1325 | 0.1461 | 0.1613 |
|        | 0.1738 | 0.1930 | 0.2066 | 0.2144 | 0.2203 |
|        | 0.2258 | 0.2318 | 0.2388 | 0.2495 | 0.3003 |
|        | 0.3174 | 0.3336 | 0.3890 | 0.4223 | 0.4439 |
|        | 0.4657 | 0.4834 | 0.5012 | 0.5405 | 0.5675 |
|        | 0.5938 | 0.6222 | 0.6351 | 0.6843 | 0.7020 |
|        | 0.7163 | 0.7300 | 0.7482 | 0.7628 | 0.7836 |
|        | 0.7977 | 0.8524 | 0.8681 | 0.8863 | 0.8963 |
|        | 0.9040 | 0.9131 | 0.9218 | 0.9433 | 1.0000 |

Transect 321

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Area:  | 0.0006 | 0.0017 | 0.0034 | 0.0058 | 0.0087 |
|        | 0.0121 | 0.0158 | 0.0199 | 0.0253 | 0.0312 |
|        | 0.0374 | 0.0447 | 0.0531 | 0.0624 | 0.0727 |
|        | 0.0844 | 0.0979 | 0.1129 | 0.1289 | 0.1458 |
|        | 0.1636 | 0.1828 | 0.2030 | 0.2243 | 0.2464 |
|        | 0.2701 | 0.2954 | 0.3220 | 0.3495 | 0.3776 |
|        | 0.4062 | 0.4351 | 0.4646 | 0.4946 | 0.5250 |
|        | 0.5557 | 0.5865 | 0.6174 | 0.6484 | 0.6797 |
|        | 0.7111 | 0.7427 | 0.7743 | 0.8061 | 0.8381 |
|        | 0.8701 | 0.9023 | 0.9347 | 0.9672 | 1.0000 |
| Hrad:  | 0.0234 | 0.0436 | 0.0529 | 0.0702 | 0.0910 |
|        | 0.1130 | 0.1344 | 0.1378 | 0.1472 | 0.1715 |
|        | 0.1939 | 0.2123 | 0.2278 | 0.2437 | 0.2581 |
|        | 0.2668 | 0.2705 | 0.2804 | 0.2918 | 0.3096 |
|        | 0.3222 | 0.3401 | 0.3506 | 0.3668 | 0.3837 |
|        | 0.3735 | 0.3846 | 0.3893 | 0.4162 | 0.4393 |
|        | 0.4667 | 0.4927 | 0.5159 | 0.5398 | 0.5668 |
|        | 0.5972 | 0.6275 | 0.6575 | 0.6866 | 0.7154 |
|        | 0.7449 | 0.7744 | 0.8041 | 0.8338 | 0.8633 |
|        | 0.8923 | 0.9204 | 0.9477 | 0.9750 | 1.0000 |
| Width: | 0.0265 | 0.0385 | 0.0638 | 0.0824 | 0.0961 |
|        | 0.1072 | 0.1177 | 0.1451 | 0.1728 | 0.1824 |
|        | 0.2042 | 0.2392 | 0.2690 | 0.2977 | 0.3326 |
|        | 0.3764 | 0.4368 | 0.4715 | 0.5006 | 0.5252 |
|        | 0.5698 | 0.5963 | 0.6329 | 0.6599 | 0.6835 |
|        | 0.7491 | 0.7885 | 0.8301 | 0.8428 | 0.8626 |
|        | 0.8733 | 0.8861 | 0.9037 | 0.9194 | 0.9296 |
|        | 0.9335 | 0.9374 | 0.9416 | 0.9468 | 0.9522 |

|               |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|
|               | 0.9566 | 0.9607 | 0.9644 | 0.9681 | 0.9718 |
|               | 0.9760 | 0.9809 | 0.9867 | 0.9923 | 1.0000 |
| Transect A100 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0007 | 0.0026 | 0.0059 | 0.0106 | 0.0160 |
|               | 0.0221 | 0.0289 | 0.0363 | 0.0445 | 0.0535 |
|               | 0.0633 | 0.0739 | 0.0849 | 0.0963 | 0.1084 |
|               | 0.1218 | 0.1376 | 0.1555 | 0.1742 | 0.1936 |
|               | 0.2135 | 0.2339 | 0.2548 | 0.2761 | 0.2979 |
|               | 0.3201 | 0.3428 | 0.3659 | 0.3895 | 0.4134 |
|               | 0.4378 | 0.4625 | 0.4877 | 0.5133 | 0.5393 |
|               | 0.5657 | 0.5926 | 0.6201 | 0.6480 | 0.6765 |
|               | 0.7055 | 0.7350 | 0.7650 | 0.7956 | 0.8267 |
|               | 0.8583 | 0.8909 | 0.9248 | 0.9606 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0204 | 0.0408 | 0.0612 | 0.0838 | 0.1127 |
|               | 0.1399 | 0.1657 | 0.1907 | 0.2114 | 0.2314 |
|               | 0.2515 | 0.2783 | 0.3090 | 0.3360 | 0.3527 |
|               | 0.3681 | 0.3790 | 0.3454 | 0.3711 | 0.4013 |
|               | 0.4315 | 0.4614 | 0.4916 | 0.5213 | 0.5507 |
|               | 0.5797 | 0.6087 | 0.6383 | 0.6675 | 0.6965 |
|               | 0.7251 | 0.7534 | 0.7815 | 0.8094 | 0.8367 |
|               | 0.8626 | 0.8863 | 0.9100 | 0.9335 | 0.9570 |
|               | 0.9803 | 1.0035 | 1.0262 | 1.0485 | 1.0708 |
|               | 1.0916 | 1.0909 | 1.0916 | 1.0530 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0325 | 0.0650 | 0.0975 | 0.1263 | 0.1424 |
|               | 0.1586 | 0.1748 | 0.1909 | 0.2108 | 0.2315 |
|               | 0.2522 | 0.2659 | 0.2751 | 0.2868 | 0.3075 |
|               | 0.3589 | 0.4202 | 0.4509 | 0.4702 | 0.4832 |
|               | 0.4956 | 0.5076 | 0.5189 | 0.5302 | 0.5415 |
|               | 0.5528 | 0.5636 | 0.5737 | 0.5838 | 0.5939 |
|               | 0.6039 | 0.6140 | 0.6241 | 0.6342 | 0.6445 |
|               | 0.6557 | 0.6685 | 0.6812 | 0.6940 | 0.7067 |
|               | 0.7194 | 0.7322 | 0.7452 | 0.7585 | 0.7717 |
|               | 0.7860 | 0.8165 | 0.8509 | 0.9279 | 1.0000 |
| Transect A101 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0010 | 0.0042 | 0.0091 | 0.0150 | 0.0217 |
|               | 0.0292 | 0.0372 | 0.0457 | 0.0547 | 0.0642 |
|               | 0.0743 | 0.0848 | 0.0958 | 0.1072 | 0.1192 |
|               | 0.1315 | 0.1444 | 0.1577 | 0.1714 | 0.1856 |
|               | 0.2001 | 0.2149 | 0.2301 | 0.2457 | 0.2617 |
|               | 0.2780 | 0.2947 | 0.3118 | 0.3292 | 0.3470 |
|               | 0.3652 | 0.3838 | 0.4027 | 0.4227 | 0.4461 |
|               | 0.4746 | 0.5042 | 0.5339 | 0.5639 | 0.5947 |
|               | 0.6273 | 0.6618 | 0.6985 | 0.7394 | 0.7812 |
|               | 0.8237 | 0.8669 | 0.9106 | 0.9550 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0228 | 0.0456 | 0.0760 | 0.1086 | 0.1390 |
|               | 0.1705 | 0.2041 | 0.2364 | 0.2677 | 0.2980 |
|               | 0.3276 | 0.3565 | 0.3860 | 0.4150 | 0.4435 |
|               | 0.4716 | 0.4992 | 0.5265 | 0.5534 | 0.5845 |
|               | 0.6164 | 0.6454 | 0.6742 | 0.7026 | 0.7307 |
|               | 0.7586 | 0.7862 | 0.8136 | 0.8408 | 0.8677 |
|               | 0.8945 | 0.9211 | 0.9461 | 0.9483 | 0.9238 |
|               | 0.7291 | 0.7686 | 0.8077 | 0.8467 | 0.8841 |
|               | 0.9183 | 0.9499 | 0.9613 | 0.8062 | 0.8385 |
|               | 0.8706 | 0.9033 | 0.9358 | 0.9680 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0462 | 0.0923 | 0.1208 | 0.1387 | 0.1567 |
|               | 0.1716 | 0.1826 | 0.1936 | 0.2047 | 0.2157 |
|               | 0.2267 | 0.2378 | 0.2479 | 0.2581 | 0.2682 |
|               | 0.2784 | 0.2886 | 0.2987 | 0.3089 | 0.3165 |
|               | 0.3234 | 0.3316 | 0.3399 | 0.3481 | 0.3563 |
|               | 0.3646 | 0.3728 | 0.3810 | 0.3893 | 0.3975 |
|               | 0.4057 | 0.4140 | 0.4228 | 0.4703 | 0.5891 |
|               | 0.6494 | 0.6544 | 0.6593 | 0.6643 | 0.7003 |
|               | 0.7403 | 0.7830 | 0.8510 | 0.9167 | 0.9313 |
|               | 0.9459 | 0.9595 | 0.9730 | 0.9865 | 1.0000 |
| Transect A103 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0019 | 0.0076 | 0.0153 | 0.0236 | 0.0324 |
|               | 0.0418 | 0.0518 | 0.0623 | 0.0733 | 0.0847 |
|               | 0.0966 | 0.1088 | 0.1214 | 0.1344 | 0.1478 |
|               | 0.1616 | 0.1758 | 0.1904 | 0.2054 | 0.2208 |
|               | 0.2366 | 0.2527 | 0.2693 | 0.2863 | 0.3038 |
|               | 0.3216 | 0.3399 | 0.3587 | 0.3778 | 0.3974 |
|               | 0.4175 | 0.4379 | 0.4588 | 0.4802 | 0.5019 |
|               | 0.5241 | 0.5467 | 0.5698 | 0.5937 | 0.6190 |
|               | 0.6458 | 0.6754 | 0.7106 | 0.7501 | 0.7902 |
|               | 0.8307 | 0.8720 | 0.9140 | 0.9566 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0219 | 0.0450 | 0.0841 | 0.1210 | 0.1561 |
|               | 0.1896 | 0.2219 | 0.2530 | 0.2854 | 0.3187 |
|               | 0.3512 | 0.3830 | 0.4142 | 0.4448 | 0.4749 |
|               | 0.5046 | 0.5338 | 0.5626 | 0.5910 | 0.6191 |
|               | 0.6469 | 0.6744 | 0.7006 | 0.7261 | 0.7514 |
|               | 0.7766 | 0.8016 | 0.8264 | 0.8511 | 0.8757 |
|               | 0.9001 | 0.9245 | 0.9487 | 0.9729 | 0.9969 |
|               | 1.0209 | 1.0447 | 1.0654 | 1.0536 | 1.0382 |
|               | 1.0266 | 0.9715 | 0.8843 | 0.8231 | 0.8577 |
|               | 0.8879 | 0.9162 | 0.9444 | 0.9723 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0873 | 0.1701 | 0.1828 | 0.1955 | 0.2082 |
|               | 0.2209 | 0.2336 | 0.2463 | 0.2570 | 0.2660 |
|               | 0.2750 | 0.2841 | 0.2931 | 0.3021 | 0.3112 |
|               | 0.3202 | 0.3292 | 0.3382 | 0.3473 | 0.3563 |
|               | 0.3653 | 0.3744 | 0.3839 | 0.3938 | 0.4037 |
|               | 0.4136 | 0.4235 | 0.4334 | 0.4433 | 0.4532 |

|               |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|
|               | 0.4631 | 0.4729 | 0.4828 | 0.4927 | 0.5026 |
|               | 0.5125 | 0.5224 | 0.5339 | 0.5626 | 0.5954 |
|               | 0.6285 | 0.7360 | 0.8739 | 0.9112 | 0.9211 |
|               | 0.9355 | 0.9516 | 0.9677 | 0.9839 | 1.0000 |
| Transect A109 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0006 | 0.0025 | 0.0057 | 0.0102 | 0.0159 |
|               | 0.0225 | 0.0298 | 0.0377 | 0.0463 | 0.0555 |
|               | 0.0653 | 0.0757 | 0.0866 | 0.0982 | 0.1103 |
|               | 0.1231 | 0.1364 | 0.1504 | 0.1650 | 0.1804 |
|               | 0.1965 | 0.2133 | 0.2308 | 0.2490 | 0.2679 |
|               | 0.2876 | 0.3080 | 0.3292 | 0.3511 | 0.3738 |
|               | 0.3972 | 0.4215 | 0.4469 | 0.4735 | 0.5012 |
|               | 0.5299 | 0.5591 | 0.5887 | 0.6187 | 0.6494 |
|               | 0.6809 | 0.7133 | 0.7466 | 0.7806 | 0.8153 |
|               | 0.8508 | 0.8870 | 0.9239 | 0.9616 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0183 | 0.0367 | 0.0550 | 0.0733 | 0.0939 |
|               | 0.1190 | 0.1429 | 0.1666 | 0.1909 | 0.2144 |
|               | 0.2373 | 0.2597 | 0.2817 | 0.3032 | 0.3245 |
|               | 0.3455 | 0.3663 | 0.3857 | 0.4026 | 0.4196 |
|               | 0.4367 | 0.4546 | 0.4728 | 0.4909 | 0.5091 |
|               | 0.5256 | 0.5423 | 0.5591 | 0.5760 | 0.5930 |
|               | 0.6101 | 0.6220 | 0.6294 | 0.6378 | 0.6471 |
|               | 0.6700 | 0.6965 | 0.7229 | 0.7489 | 0.7743 |
|               | 0.7986 | 0.8173 | 0.8404 | 0.8643 | 0.8878 |
|               | 0.9109 | 0.9337 | 0.9561 | 0.9782 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0329 | 0.0658 | 0.0986 | 0.1315 | 0.1601 |
|               | 0.1785 | 0.1968 | 0.2140 | 0.2293 | 0.2446 |
|               | 0.2598 | 0.2751 | 0.2904 | 0.3057 | 0.3210 |
|               | 0.3363 | 0.3516 | 0.3680 | 0.3869 | 0.4057 |
|               | 0.4246 | 0.4428 | 0.4608 | 0.4788 | 0.4968 |
|               | 0.5164 | 0.5360 | 0.5556 | 0.5752 | 0.5948 |
|               | 0.6144 | 0.6396 | 0.6701 | 0.7006 | 0.7311 |
|               | 0.7465 | 0.7576 | 0.7686 | 0.7826 | 0.8021 |
|               | 0.8220 | 0.8471 | 0.8673 | 0.8863 | 0.9052 |
|               | 0.9242 | 0.9431 | 0.9621 | 0.9810 | 1.0000 |
| Transect A113 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0010 | 0.0035 | 0.0067 | 0.0107 | 0.0154 |
|               | 0.0208 | 0.0270 | 0.0339 | 0.0415 | 0.0500 |
|               | 0.0592 | 0.0690 | 0.0793 | 0.0902 | 0.1016 |
|               | 0.1136 | 0.1261 | 0.1392 | 0.1528 | 0.1670 |
|               | 0.1818 | 0.1971 | 0.2140 | 0.2342 | 0.2555 |
|               | 0.2776 | 0.3006 | 0.3244 | 0.3489 | 0.3737 |
|               | 0.3987 | 0.4240 | 0.4498 | 0.4761 | 0.5030 |
|               | 0.5307 | 0.5593 | 0.5902 | 0.6216 | 0.6534 |
|               | 0.6857 | 0.7184 | 0.7516 | 0.7854 | 0.8198 |
|               | 0.8548 | 0.8904 | 0.9264 | 0.9630 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0189 | 0.0455 | 0.0703 | 0.0931 | 0.1147 |
|               | 0.1361 | 0.1560 | 0.1751 | 0.1941 | 0.2131 |
|               | 0.2342 | 0.2585 | 0.2818 | 0.3048 | 0.3273 |
|               | 0.3495 | 0.3713 | 0.3925 | 0.4135 | 0.4343 |
|               | 0.4550 | 0.4694 | 0.4639 | 0.4241 | 0.4433 |
|               | 0.4635 | 0.4840 | 0.5044 | 0.5326 | 0.5652 |
|               | 0.5975 | 0.6224 | 0.6468 | 0.6709 | 0.6926 |
|               | 0.7057 | 0.7034 | 0.7077 | 0.7348 | 0.7617 |
|               | 0.7884 | 0.8138 | 0.8358 | 0.8576 | 0.8793 |
|               | 0.9025 | 0.9255 | 0.9484 | 0.9729 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0524 | 0.0777 | 0.0972 | 0.1167 | 0.1363 |
|               | 0.1553 | 0.1753 | 0.1962 | 0.2171 | 0.2380 |
|               | 0.2565 | 0.2708 | 0.2854 | 0.3001 | 0.3148 |
|               | 0.3295 | 0.3443 | 0.3594 | 0.3746 | 0.3897 |
|               | 0.4049 | 0.4256 | 0.5056 | 0.5599 | 0.5843 |
|               | 0.6073 | 0.6297 | 0.6521 | 0.6638 | 0.6693 |
|               | 0.6747 | 0.6882 | 0.7020 | 0.7158 | 0.7320 |
|               | 0.7575 | 0.8007 | 0.8395 | 0.8509 | 0.8623 |
|               | 0.8737 | 0.8862 | 0.9024 | 0.9186 | 0.9347 |
|               | 0.9491 | 0.9635 | 0.9779 | 0.9903 | 1.0000 |
| Transect A114 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0028 | 0.0095 | 0.0168 | 0.0246 | 0.0327 |
|               | 0.0413 | 0.0503 | 0.0598 | 0.0697 | 0.0800 |
|               | 0.0908 | 0.1020 | 0.1136 | 0.1257 | 0.1382 |
|               | 0.1515 | 0.1655 | 0.1802 | 0.1956 | 0.2117 |
|               | 0.2285 | 0.2465 | 0.2659 | 0.2864 | 0.3077 |
|               | 0.3295 | 0.3518 | 0.3747 | 0.3980 | 0.4219 |
|               | 0.4463 | 0.4712 | 0.4966 | 0.5224 | 0.5484 |
|               | 0.5748 | 0.6016 | 0.6288 | 0.6563 | 0.6842 |
|               | 0.7125 | 0.7411 | 0.7701 | 0.8000 | 0.8308 |
|               | 0.8627 | 0.8955 | 0.9293 | 0.9641 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0187 | 0.0502 | 0.0835 | 0.1151 | 0.1454 |
|               | 0.1745 | 0.2025 | 0.2298 | 0.2562 | 0.2820 |
|               | 0.3073 | 0.3320 | 0.3562 | 0.3801 | 0.3973 |
|               | 0.4129 | 0.4288 | 0.4448 | 0.4610 | 0.4775 |
|               | 0.4892 | 0.4907 | 0.4944 | 0.5067 | 0.5310 |
|               | 0.5550 | 0.5788 | 0.6024 | 0.6257 | 0.6488 |
|               | 0.6718 | 0.6945 | 0.7209 | 0.7480 | 0.7734 |
|               | 0.7986 | 0.8235 | 0.8482 | 0.8727 | 0.8970 |
|               | 0.9211 | 0.9449 | 0.9631 | 0.9670 | 0.9718 |
|               | 0.9775 | 0.9847 | 0.9926 | 1.0010 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.1519 | 0.1934 | 0.2052 | 0.2171 | 0.2289 |
|               | 0.2407 | 0.2526 | 0.2644 | 0.2762 | 0.2881 |
|               | 0.2999 | 0.3118 | 0.3236 | 0.3354 | 0.3529 |
|               | 0.3722 | 0.3915 | 0.4109 | 0.4303 | 0.4497 |

|               |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|
|               | 0.4740 | 0.5099 | 0.5457 | 0.5738 | 0.5881 |
|               | 0.6024 | 0.6167 | 0.6310 | 0.6454 | 0.6597 |
|               | 0.6740 | 0.6883 | 0.6982 | 0.7068 | 0.7169 |
|               | 0.7269 | 0.7370 | 0.7470 | 0.7570 | 0.7671 |
|               | 0.7771 | 0.7872 | 0.8019 | 0.8293 | 0.8566 |
|               | 0.8838 | 0.9103 | 0.9368 | 0.9633 | 1.0000 |
| Transect A116 |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0004 | 0.0017 | 0.0038 | 0.0068 | 0.0106 |
|               | 0.0149 | 0.0198 | 0.0254 | 0.0315 | 0.0382 |
|               | 0.0455 | 0.0532 | 0.0614 | 0.0698 | 0.0786 |
|               | 0.0876 | 0.0970 | 0.1066 | 0.1165 | 0.1267 |
|               | 0.1372 | 0.1480 | 0.1591 | 0.1705 | 0.1841 |
|               | 0.1992 | 0.2151 | 0.2317 | 0.2491 | 0.2673 |
|               | 0.2883 | 0.3124 | 0.3384 | 0.3665 | 0.3964 |
|               | 0.4283 | 0.4617 | 0.4958 | 0.5307 | 0.5663 |
|               | 0.6042 | 0.6444 | 0.6858 | 0.7279 | 0.7708 |
|               | 0.8146 | 0.8593 | 0.9048 | 0.9514 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0248 | 0.0495 | 0.0743 | 0.0991 | 0.1297 |
|               | 0.1595 | 0.1881 | 0.2160 | 0.2433 | 0.2701 |
|               | 0.2966 | 0.3310 | 0.3650 | 0.4011 | 0.4365 |
|               | 0.4711 | 0.5052 | 0.5386 | 0.5715 | 0.6040 |
|               | 0.6360 | 0.6676 | 0.6988 | 0.7297 | 0.7500 |
|               | 0.7665 | 0.7840 | 0.8020 | 0.8149 | 0.8228 |
|               | 0.8252 | 0.8245 | 0.8203 | 0.8165 | 0.8151 |
|               | 0.8160 | 0.6861 | 0.7192 | 0.7519 | 0.7843 |
|               | 0.7543 | 0.7812 | 0.8100 | 0.8455 | 0.8790 |
|               | 0.9122 | 0.9452 | 0.9779 | 0.9917 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0172 | 0.0345 | 0.0517 | 0.0690 | 0.0815 |
|               | 0.0935 | 0.1054 | 0.1173 | 0.1292 | 0.1412 |
|               | 0.1531 | 0.1606 | 0.1679 | 0.1738 | 0.1796 |
|               | 0.1855 | 0.1914 | 0.1973 | 0.2032 | 0.2091 |
|               | 0.2150 | 0.2209 | 0.2267 | 0.2326 | 0.2394 |
|               | 0.3137 | 0.3280 | 0.3423 | 0.3586 | 0.3769 |
|               | 0.4660 | 0.5055 | 0.5464 | 0.5853 | 0.6242 |
|               | 0.6631 | 0.6811 | 0.6963 | 0.7115 | 0.7267 |
|               | 0.8000 | 0.8228 | 0.8436 | 0.8582 | 0.8753 |
|               | 0.8925 | 0.9097 | 0.9268 | 0.9605 | 1.0000 |
| Transect A16  |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0011 | 0.0048 | 0.0125 | 0.0220 | 0.0320 |
|               | 0.0425 | 0.0534 | 0.0649 | 0.0769 | 0.0894 |
|               | 0.1028 | 0.1169 | 0.1318 | 0.1475 | 0.1640 |
|               | 0.1815 | 0.2000 | 0.2192 | 0.2391 | 0.2596 |
|               | 0.2807 | 0.3024 | 0.3248 | 0.3477 | 0.3708 |
|               | 0.3941 | 0.4175 | 0.4412 | 0.4650 | 0.4890 |
|               | 0.5132 | 0.5375 | 0.5619 | 0.5865 | 0.6113 |
|               | 0.6362 | 0.6612 | 0.6864 | 0.7117 | 0.7372 |
|               | 0.7628 | 0.7885 | 0.8144 | 0.8405 | 0.8667 |
|               | 0.8930 | 0.9195 | 0.9461 | 0.9728 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0139 | 0.0261 | 0.0378 | 0.0631 | 0.0872 |
|               | 0.1105 | 0.1329 | 0.1546 | 0.1757 | 0.1924 |
|               | 0.2086 | 0.2246 | 0.2404 | 0.2551 | 0.2682 |
|               | 0.2816 | 0.2950 | 0.3120 | 0.3301 | 0.3479 |
|               | 0.3654 | 0.3828 | 0.4000 | 0.4208 | 0.4450 |
|               | 0.4691 | 0.4930 | 0.5167 | 0.5403 | 0.5636 |
|               | 0.5874 | 0.6113 | 0.6350 | 0.6586 | 0.6821 |
|               | 0.7054 | 0.7286 | 0.7516 | 0.7746 | 0.7974 |
|               | 0.8201 | 0.8426 | 0.8651 | 0.8874 | 0.9096 |
|               | 0.9317 | 0.9537 | 0.9756 | 0.9973 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.0802 | 0.2058 | 0.3363 | 0.3541 | 0.3719 |
|               | 0.3898 | 0.4076 | 0.4254 | 0.4433 | 0.4711 |
|               | 0.4992 | 0.5274 | 0.5555 | 0.5857 | 0.6198 |
|               | 0.6534 | 0.6868 | 0.7120 | 0.7342 | 0.7563 |
|               | 0.7785 | 0.8006 | 0.8228 | 0.8370 | 0.8435 |
|               | 0.8499 | 0.8564 | 0.8629 | 0.8694 | 0.8759 |
|               | 0.8815 | 0.8867 | 0.8919 | 0.8971 | 0.9024 |
|               | 0.9076 | 0.9128 | 0.9180 | 0.9233 | 0.9285 |
|               | 0.9337 | 0.9389 | 0.9442 | 0.9494 | 0.9546 |
|               | 0.9598 | 0.9651 | 0.9703 | 0.9756 | 1.0000 |
| Transect A25  |        |        |        |        |        |
| Area:         |        |        |        |        |        |
|               | 0.0069 | 0.0156 | 0.0246 | 0.0340 | 0.0439 |
|               | 0.0541 | 0.0648 | 0.0759 | 0.0874 | 0.0993 |
|               | 0.1116 | 0.1243 | 0.1374 | 0.1510 | 0.1649 |
|               | 0.1793 | 0.1941 | 0.2093 | 0.2249 | 0.2409 |
|               | 0.2573 | 0.2742 | 0.2915 | 0.3093 | 0.3278 |
|               | 0.3468 | 0.3664 | 0.3866 | 0.4074 | 0.4288 |
|               | 0.4508 | 0.4733 | 0.4965 | 0.5203 | 0.5447 |
|               | 0.5698 | 0.5955 | 0.6220 | 0.6491 | 0.6770 |
|               | 0.7055 | 0.7347 | 0.7646 | 0.7952 | 0.8265 |
|               | 0.8584 | 0.8915 | 0.9261 | 0.9623 | 1.0000 |
| Hrad:         |        |        |        |        |        |
|               | 0.0316 | 0.0675 | 0.1019 | 0.1350 | 0.1670 |
|               | 0.1979 | 0.2280 | 0.2573 | 0.2858 | 0.3137 |
|               | 0.3410 | 0.3678 | 0.3942 | 0.4201 | 0.4456 |
|               | 0.4707 | 0.4955 | 0.5199 | 0.5438 | 0.5675 |
|               | 0.5910 | 0.6142 | 0.6359 | 0.6527 | 0.6696 |
|               | 0.6867 | 0.7039 | 0.7212 | 0.7386 | 0.7561 |
|               | 0.7737 | 0.7914 | 0.8091 | 0.8269 | 0.8422 |
|               | 0.8571 | 0.8723 | 0.8876 | 0.9032 | 0.9189 |
|               | 0.9348 | 0.9508 | 0.9670 | 0.9833 | 0.9997 |
|               | 1.0139 | 1.0082 | 1.0004 | 0.9949 | 1.0000 |
| Width:        |        |        |        |        |        |
|               | 0.2198 | 0.2306 | 0.2413 | 0.2521 | 0.2628 |
|               | 0.2735 | 0.2843 | 0.2950 | 0.3057 | 0.3165 |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
|              | 0.3272 | 0.3379 | 0.3487 | 0.3594 | 0.3702 |
|              | 0.3809 | 0.3916 | 0.4025 | 0.4135 | 0.4244 |
|              | 0.4354 | 0.4464 | 0.4583 | 0.4738 | 0.4893 |
|              | 0.5049 | 0.5204 | 0.5359 | 0.5514 | 0.5669 |
|              | 0.5825 | 0.5980 | 0.6135 | 0.6290 | 0.6466 |
|              | 0.6646 | 0.6826 | 0.7006 | 0.7186 | 0.7366 |
|              | 0.7546 | 0.7726 | 0.7906 | 0.8086 | 0.8266 |
|              | 0.8465 | 0.8842 | 0.9257 | 0.9672 | 1.0000 |
| Transect A36 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
|              | 0.0014 | 0.0049 | 0.0097 | 0.0158 | 0.0227 |
|              | 0.0302 | 0.0381 | 0.0468 | 0.0582 | 0.0717 |
|              | 0.0868 | 0.1026 | 0.1188 | 0.1354 | 0.1525 |
|              | 0.1701 | 0.1881 | 0.2066 | 0.2255 | 0.2449 |
|              | 0.2648 | 0.2851 | 0.3058 | 0.3269 | 0.3484 |
|              | 0.3704 | 0.3927 | 0.4155 | 0.4386 | 0.4621 |
|              | 0.4860 | 0.5102 | 0.5348 | 0.5598 | 0.5851 |
|              | 0.6108 | 0.6368 | 0.6631 | 0.6898 | 0.7167 |
|              | 0.7440 | 0.7716 | 0.7995 | 0.8277 | 0.8562 |
|              | 0.8848 | 0.9134 | 0.9422 | 0.9710 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0147 | 0.0345 | 0.0517 | 0.0685 | 0.0918 |
|              | 0.1144 | 0.1360 | 0.1552 | 0.1673 | 0.1780 |
|              | 0.1624 | 0.1864 | 0.2100 | 0.2330 | 0.2554 |
|              | 0.2773 | 0.2989 | 0.3201 | 0.3410 | 0.3616 |
|              | 0.3827 | 0.4037 | 0.4244 | 0.4448 | 0.4650 |
|              | 0.4851 | 0.5049 | 0.5253 | 0.5458 | 0.5661 |
|              | 0.5863 | 0.6063 | 0.6261 | 0.6457 | 0.6653 |
|              | 0.6850 | 0.7056 | 0.7261 | 0.7464 | 0.7665 |
|              | 0.7866 | 0.8065 | 0.8263 | 0.8460 | 0.8710 |
|              | 0.8969 | 0.9228 | 0.9486 | 0.9744 | 1.0000 |
| Width:       |        |        |        |        |        |
|              | 0.0973 | 0.1425 | 0.1877 | 0.2305 | 0.2479 |
|              | 0.2639 | 0.2799 | 0.3451 | 0.4309 | 0.4991 |
|              | 0.5350 | 0.5505 | 0.5659 | 0.5813 | 0.5973 |
|              | 0.6134 | 0.6294 | 0.6455 | 0.6615 | 0.6776 |
|              | 0.6921 | 0.7064 | 0.7208 | 0.7351 | 0.7494 |
|              | 0.7637 | 0.7780 | 0.7911 | 0.8038 | 0.8164 |
|              | 0.8290 | 0.8417 | 0.8543 | 0.8669 | 0.8796 |
|              | 0.8917 | 0.9026 | 0.9134 | 0.9243 | 0.9351 |
|              | 0.9460 | 0.9568 | 0.9677 | 0.9785 | 0.9831 |
|              | 0.9865 | 0.9898 | 0.9932 | 0.9966 | 1.0000 |
| Transect A50 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
|              | 0.0020 | 0.0078 | 0.0169 | 0.0267 | 0.0369 |
|              | 0.0476 | 0.0587 | 0.0703 | 0.0824 | 0.0950 |
|              | 0.1080 | 0.1215 | 0.1354 | 0.1498 | 0.1647 |
|              | 0.1800 | 0.1958 | 0.2120 | 0.2288 | 0.2460 |
|              | 0.2636 | 0.2818 | 0.3005 | 0.3196 | 0.3393 |
|              | 0.3595 | 0.3802 | 0.4013 | 0.4230 | 0.4452 |
|              | 0.4678 | 0.4910 | 0.5147 | 0.5388 | 0.5635 |
|              | 0.5887 | 0.6144 | 0.6408 | 0.6678 | 0.6952 |
|              | 0.7230 | 0.7513 | 0.7799 | 0.8090 | 0.8385 |
|              | 0.8684 | 0.8988 | 0.9308 | 0.9647 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0181 | 0.0362 | 0.0642 | 0.0966 | 0.1277 |
|              | 0.1576 | 0.1866 | 0.2147 | 0.2420 | 0.2687 |
|              | 0.2947 | 0.3202 | 0.3452 | 0.3698 | 0.3940 |
|              | 0.4177 | 0.4412 | 0.4643 | 0.4870 | 0.5092 |
|              | 0.5311 | 0.5523 | 0.5733 | 0.5941 | 0.6148 |
|              | 0.6354 | 0.6558 | 0.6762 | 0.6964 | 0.7165 |
|              | 0.7365 | 0.7565 | 0.7764 | 0.7961 | 0.8159 |
|              | 0.8355 | 0.8507 | 0.8652 | 0.8845 | 0.9062 |
|              | 0.9278 | 0.9492 | 0.9705 | 0.9917 | 1.0127 |
|              | 1.0336 | 1.0387 | 1.0111 | 0.9916 | 1.0000 |
| Width:       |        |        |        |        |        |
|              | 0.1094 | 0.2187 | 0.2663 | 0.2792 | 0.2922 |
|              | 0.3052 | 0.3181 | 0.3311 | 0.3441 | 0.3571 |
|              | 0.3700 | 0.3830 | 0.3960 | 0.4089 | 0.4219 |
|              | 0.4349 | 0.4478 | 0.4608 | 0.4739 | 0.4873 |
|              | 0.5008 | 0.5147 | 0.5287 | 0.5426 | 0.5566 |
|              | 0.5706 | 0.5846 | 0.5985 | 0.6125 | 0.6265 |
|              | 0.6404 | 0.6544 | 0.6684 | 0.6823 | 0.6963 |
|              | 0.7103 | 0.7280 | 0.7466 | 0.7606 | 0.7722 |
|              | 0.7837 | 0.7952 | 0.8067 | 0.8182 | 0.8298 |
|              | 0.8413 | 0.8659 | 0.9211 | 0.9733 | 1.0000 |
| Transect A57 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
|              | 0.0025 | 0.0100 | 0.0195 | 0.0296 | 0.0402 |
|              | 0.0514 | 0.0631 | 0.0753 | 0.0881 | 0.1014 |
|              | 0.1153 | 0.1297 | 0.1446 | 0.1601 | 0.1761 |
|              | 0.1927 | 0.2098 | 0.2274 | 0.2455 | 0.2641 |
|              | 0.2831 | 0.3023 | 0.3218 | 0.3416 | 0.3617 |
|              | 0.3821 | 0.4027 | 0.4237 | 0.4449 | 0.4665 |
|              | 0.4883 | 0.5105 | 0.5332 | 0.5562 | 0.5797 |
|              | 0.6036 | 0.6279 | 0.6526 | 0.6778 | 0.7033 |
|              | 0.7293 | 0.7559 | 0.7835 | 0.8121 | 0.8417 |
|              | 0.8722 | 0.9033 | 0.9350 | 0.9672 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0169 | 0.0365 | 0.0673 | 0.0967 | 0.1247 |
|              | 0.1518 | 0.1778 | 0.2031 | 0.2277 | 0.2516 |
|              | 0.2751 | 0.2980 | 0.3205 | 0.3426 | 0.3643 |
|              | 0.3861 | 0.4078 | 0.4293 | 0.4506 | 0.4738 |
|              | 0.4995 | 0.5249 | 0.5499 | 0.5747 | 0.5992 |
|              | 0.6234 | 0.6474 | 0.6711 | 0.6946 | 0.7179 |
|              | 0.7395 | 0.7582 | 0.7768 | 0.7953 | 0.8138 |
|              | 0.8321 | 0.8504 | 0.8685 | 0.8867 | 0.9047 |
|              | 0.9227 | 0.9240 | 0.9240 | 0.9252 | 0.9273 |
|              | 0.9359 | 0.9519 | 0.9679 | 0.9840 | 1.0000 |
| Width:       |        |        |        |        |        |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
|              | 0.1525 | 0.2798 | 0.2962 | 0.3127 | 0.3291 |
|              | 0.3455 | 0.3619 | 0.3783 | 0.3947 | 0.4111 |
|              | 0.4275 | 0.4439 | 0.4603 | 0.4767 | 0.4932 |
|              | 0.5091 | 0.5246 | 0.5402 | 0.5557 | 0.5682 |
|              | 0.5769 | 0.5857 | 0.5944 | 0.6032 | 0.6119 |
|              | 0.6207 | 0.6294 | 0.6382 | 0.6469 | 0.6556 |
|              | 0.6658 | 0.6784 | 0.6910 | 0.7036 | 0.7162 |
|              | 0.7288 | 0.7415 | 0.7541 | 0.7667 | 0.7793 |
|              | 0.7919 | 0.8195 | 0.8493 | 0.8792 | 0.9090 |
|              | 0.9331 | 0.9498 | 0.9665 | 0.9833 | 1.0000 |
| Transect A70 |        |        |        |        |        |
| Area:        | 0.0002 | 0.0007 | 0.0015 | 0.0027 | 0.0051 |
|              | 0.0099 | 0.0173 | 0.0278 | 0.0433 | 0.0599 |
|              | 0.0768 | 0.0939 | 0.1114 | 0.1291 | 0.1472 |
|              | 0.1657 | 0.1846 | 0.2038 | 0.2233 | 0.2431 |
|              | 0.2632 | 0.2836 | 0.3044 | 0.3256 | 0.3471 |
|              | 0.3690 | 0.3911 | 0.4135 | 0.4363 | 0.4593 |
|              | 0.4826 | 0.5063 | 0.5303 | 0.5546 | 0.5793 |
|              | 0.6045 | 0.6303 | 0.6571 | 0.6846 | 0.7124 |
|              | 0.7404 | 0.7685 | 0.7968 | 0.8253 | 0.8540 |
|              | 0.8828 | 0.9118 | 0.9409 | 0.9702 | 1.0000 |
| Hrad:        | 0.0153 | 0.0305 | 0.0458 | 0.0610 | 0.0635 |
|              | 0.0641 | 0.0718 | 0.0807 | 0.0801 | 0.1091 |
|              | 0.1376 | 0.1656 | 0.1927 | 0.2194 | 0.2442 |
|              | 0.2682 | 0.2940 | 0.3194 | 0.3446 | 0.3697 |
|              | 0.3945 | 0.4163 | 0.4378 | 0.4607 | 0.4833 |
|              | 0.5066 | 0.5298 | 0.5526 | 0.5750 | 0.5972 |
|              | 0.6188 | 0.6401 | 0.6609 | 0.6812 | 0.6990 |
|              | 0.7134 | 0.7278 | 0.7253 | 0.7441 | 0.7684 |
|              | 0.7932 | 0.8177 | 0.8422 | 0.8671 | 0.8920 |
|              | 0.9168 | 0.9414 | 0.9660 | 0.9835 | 1.0000 |
| Width:       | 0.0114 | 0.0229 | 0.0343 | 0.0457 | 0.1145 |
|              | 0.2010 | 0.2939 | 0.4215 | 0.5507 | 0.5591 |
|              | 0.5676 | 0.5763 | 0.5866 | 0.5969 | 0.6111 |
|              | 0.6262 | 0.6360 | 0.6459 | 0.6555 | 0.6647 |
|              | 0.6740 | 0.6879 | 0.7018 | 0.7131 | 0.7243 |
|              | 0.7341 | 0.7438 | 0.7536 | 0.7637 | 0.7738 |
|              | 0.7845 | 0.7952 | 0.8064 | 0.8180 | 0.8324 |
|              | 0.8510 | 0.8695 | 0.9098 | 0.9238 | 0.9304 |
|              | 0.9364 | 0.9424 | 0.9484 | 0.9538 | 0.9589 |
|              | 0.9641 | 0.9692 | 0.9744 | 0.9867 | 1.0000 |
| Transect A72 |        |        |        |        |        |
| Area:        | 0.0004 | 0.0015 | 0.0034 | 0.0060 | 0.0094 |
|              | 0.0135 | 0.0184 | 0.0244 | 0.0330 | 0.0429 |
|              | 0.0541 | 0.0665 | 0.0801 | 0.0947 | 0.1101 |
|              | 0.1260 | 0.1424 | 0.1594 | 0.1769 | 0.1950 |
|              | 0.2135 | 0.2325 | 0.2518 | 0.2716 | 0.2917 |
|              | 0.3122 | 0.3331 | 0.3544 | 0.3761 | 0.3986 |
|              | 0.4223 | 0.4474 | 0.4739 | 0.5016 | 0.5302 |
|              | 0.5595 | 0.5892 | 0.6191 | 0.6493 | 0.6798 |
|              | 0.7105 | 0.7415 | 0.7727 | 0.8042 | 0.8360 |
|              | 0.8681 | 0.9005 | 0.9333 | 0.9664 | 1.0000 |
| Hrad:        | 0.0170 | 0.0340 | 0.0510 | 0.0680 | 0.0850 |
|              | 0.1020 | 0.1190 | 0.1122 | 0.1207 | 0.1384 |
|              | 0.1560 | 0.1739 | 0.1934 | 0.2129 | 0.2390 |
|              | 0.2646 | 0.2896 | 0.3141 | 0.3381 | 0.3617 |
|              | 0.3871 | 0.4128 | 0.4382 | 0.4632 | 0.4879 |
|              | 0.5124 | 0.5365 | 0.5604 | 0.5797 | 0.5871 |
|              | 0.5881 | 0.5892 | 0.5949 | 0.6017 | 0.6215 |
|              | 0.6428 | 0.6706 | 0.6983 | 0.7257 | 0.7530 |
|              | 0.7800 | 0.8069 | 0.8335 | 0.8600 | 0.8863 |
|              | 0.9103 | 0.9329 | 0.9554 | 0.9778 | 1.0000 |
| Width:       | 0.0223 | 0.0446 | 0.0669 | 0.0892 | 0.1115 |
|              | 0.1338 | 0.1560 | 0.2193 | 0.2756 | 0.3125 |
|              | 0.3494 | 0.3854 | 0.4171 | 0.4481 | 0.4639 |
|              | 0.4797 | 0.4955 | 0.5113 | 0.5271 | 0.5429 |
|              | 0.5556 | 0.5672 | 0.5788 | 0.5903 | 0.6019 |
|              | 0.6135 | 0.6251 | 0.6366 | 0.6532 | 0.6836 |
|              | 0.7230 | 0.7647 | 0.8021 | 0.8394 | 0.8587 |
|              | 0.8757 | 0.8834 | 0.8911 | 0.8988 | 0.9065 |
|              | 0.9142 | 0.9219 | 0.9296 | 0.9373 | 0.9450 |
|              | 0.9550 | 0.9663 | 0.9775 | 0.9888 | 1.0000 |
| Transect A80 |        |        |        |        |        |
| Area:        | 0.0012 | 0.0046 | 0.0105 | 0.0182 | 0.0264 |
|              | 0.0351 | 0.0441 | 0.0536 | 0.0635 | 0.0739 |
|              | 0.0846 | 0.0958 | 0.1074 | 0.1193 | 0.1318 |
|              | 0.1446 | 0.1578 | 0.1713 | 0.1853 | 0.1997 |
|              | 0.2144 | 0.2296 | 0.2451 | 0.2610 | 0.2774 |
|              | 0.2943 | 0.3115 | 0.3293 | 0.3474 | 0.3660 |
|              | 0.3851 | 0.4045 | 0.4246 | 0.4452 | 0.4663 |
|              | 0.4881 | 0.5103 | 0.5333 | 0.5573 | 0.5824 |
|              | 0.6085 | 0.6378 | 0.6779 | 0.7213 | 0.7656 |
|              | 0.8106 | 0.8565 | 0.9033 | 0.9512 | 1.0000 |
| Hrad:        | 0.0248 | 0.0497 | 0.0745 | 0.1123 | 0.1550 |
|              | 0.1959 | 0.2352 | 0.2732 | 0.3100 | 0.3459 |
|              | 0.3808 | 0.4149 | 0.4483 | 0.4810 | 0.5134 |
|              | 0.5462 | 0.5785 | 0.6103 | 0.6416 | 0.6726 |
|              | 0.7032 | 0.7334 | 0.7623 | 0.7897 | 0.8168 |
|              | 0.8438 | 0.8707 | 0.8974 | 0.9241 | 0.9506 |
|              | 0.9770 | 1.0011 | 1.0214 | 1.0420 | 1.0628 |
|              | 1.0837 | 1.1049 | 1.1126 | 1.1112 | 1.1120 |
|              | 1.1148 | 0.8397 | 0.7821 | 0.8106 | 0.8453 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
|        | 0.8796 | 0.9116 | 0.9413 | 0.9707 | 1.0000 |
| Width: |        |        |        |        |        |
|        | 0.0471 | 0.0942 | 0.1413 | 0.1628 | 0.1712 |
|        | 0.1797 | 0.1881 | 0.1966 | 0.2050 | 0.2135 |
|        | 0.2220 | 0.2304 | 0.2389 | 0.2473 | 0.2556 |
|        | 0.2635 | 0.2713 | 0.2792 | 0.2870 | 0.2949 |
|        | 0.3027 | 0.3106 | 0.3189 | 0.3278 | 0.3367 |
|        | 0.3457 | 0.3546 | 0.3635 | 0.3724 | 0.3814 |
|        | 0.3903 | 0.4001 | 0.4116 | 0.4231 | 0.4345 |
|        | 0.4460 | 0.4575 | 0.4749 | 0.4972 | 0.5195 |
|        | 0.5418 | 0.7575 | 0.8656 | 0.8889 | 0.9049 |
|        | 0.9209 | 0.9390 | 0.9593 | 0.9797 | 1.0000 |

Transect A81

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

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

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

Transect A85

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

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

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

Transect A87

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

|       |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|
| Hrad: |        |        |        |        |        |
|       | 0.0163 | 0.0327 | 0.0511 | 0.0723 | 0.0921 |
|       | 0.1125 | 0.1330 | 0.1527 | 0.1720 | 0.1915 |
|       | 0.2126 | 0.2331 | 0.2532 | 0.2730 | 0.2956 |
|       | 0.3207 | 0.3454 | 0.3697 | 0.3936 | 0.4173 |
|       | 0.4408 | 0.4642 | 0.4874 | 0.5103 | 0.5329 |
|       | 0.5554 | 0.5786 | 0.6017 | 0.6245 | 0.6472 |
|       | 0.6696 | 0.6919 | 0.7132 | 0.7342 | 0.7551 |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
|              | 0.7758 | 0.7964 | 0.8165 | 0.8348 | 0.8530 |
|              | 0.8711 | 0.8892 | 0.9065 | 0.9218 | 0.9372 |
|              | 0.9527 | 0.9672 | 0.9779 | 0.9888 | 1.0000 |
| Width:       |        |        |        |        |        |
|              | 0.0631 | 0.1263 | 0.1811 | 0.2180 | 0.2550 |
|              | 0.2880 | 0.3181 | 0.3481 | 0.3782 | 0.4066 |
|              | 0.4307 | 0.4547 | 0.4788 | 0.5028 | 0.5210 |
|              | 0.5341 | 0.5470 | 0.5599 | 0.5728 | 0.5857 |
|              | 0.5983 | 0.6106 | 0.6230 | 0.6353 | 0.6476 |
|              | 0.6599 | 0.6709 | 0.6819 | 0.6928 | 0.7038 |
|              | 0.7148 | 0.7258 | 0.7376 | 0.7496 | 0.7615 |
|              | 0.7735 | 0.7854 | 0.7977 | 0.8117 | 0.8257 |
|              | 0.8398 | 0.8538 | 0.8685 | 0.8851 | 0.9017 |
|              | 0.9183 | 0.9358 | 0.9572 | 0.9786 | 1.0000 |
| Transect A89 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
|              | 0.0005 | 0.0018 | 0.0041 | 0.0073 | 0.0114 |
|              | 0.0171 | 0.0254 | 0.0350 | 0.0458 | 0.0576 |
|              | 0.0703 | 0.0839 | 0.0984 | 0.1138 | 0.1303 |
|              | 0.1477 | 0.1657 | 0.1841 | 0.2031 | 0.2225 |
|              | 0.2422 | 0.2623 | 0.2828 | 0.3037 | 0.3249 |
|              | 0.3465 | 0.3685 | 0.3909 | 0.4136 | 0.4368 |
|              | 0.4603 | 0.4842 | 0.5086 | 0.5335 | 0.5588 |
|              | 0.5846 | 0.6108 | 0.6375 | 0.6646 | 0.6922 |
|              | 0.7202 | 0.7487 | 0.7777 | 0.8074 | 0.8376 |
|              | 0.8685 | 0.9001 | 0.9324 | 0.9655 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0176 | 0.0352 | 0.0528 | 0.0703 | 0.0882 |
|              | 0.0784 | 0.1002 | 0.1209 | 0.1424 | 0.1656 |
|              | 0.1881 | 0.2099 | 0.2312 | 0.2515 | 0.2703 |
|              | 0.2933 | 0.3201 | 0.3464 | 0.3723 | 0.3999 |
|              | 0.4274 | 0.4545 | 0.4813 | 0.5077 | 0.5339 |
|              | 0.5594 | 0.5845 | 0.6094 | 0.6340 | 0.6584 |
|              | 0.6826 | 0.7048 | 0.7265 | 0.7480 | 0.7693 |
|              | 0.7906 | 0.8122 | 0.8337 | 0.8552 | 0.8765 |
|              | 0.8977 | 0.9154 | 0.9317 | 0.9481 | 0.9645 |
|              | 0.9781 | 0.9914 | 1.0049 | 1.0056 | 1.0000 |
| Width:       |        |        |        |        |        |
|              | 0.0259 | 0.0517 | 0.0776 | 0.1034 | 0.1288 |
|              | 0.2185 | 0.2541 | 0.2897 | 0.3217 | 0.3477 |
|              | 0.3737 | 0.3997 | 0.4257 | 0.4528 | 0.4821 |
|              | 0.5037 | 0.5176 | 0.5316 | 0.5455 | 0.5563 |
|              | 0.5667 | 0.5772 | 0.5876 | 0.5981 | 0.6085 |
|              | 0.6194 | 0.6303 | 0.6413 | 0.6523 | 0.6632 |
|              | 0.6742 | 0.6869 | 0.7000 | 0.7131 | 0.7262 |
|              | 0.7393 | 0.7519 | 0.7645 | 0.7770 | 0.7895 |
|              | 0.8021 | 0.8177 | 0.8345 | 0.8514 | 0.8683 |
|              | 0.8878 | 0.9078 | 0.9277 | 0.9601 | 1.0000 |
| Transect A91 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
|              | 0.0066 | 0.0151 | 0.0241 | 0.0337 | 0.0438 |
|              | 0.0545 | 0.0658 | 0.0776 | 0.0899 | 0.1028 |
|              | 0.1163 | 0.1303 | 0.1448 | 0.1599 | 0.1756 |
|              | 0.1918 | 0.2084 | 0.2254 | 0.2426 | 0.2603 |
|              | 0.2782 | 0.2965 | 0.3151 | 0.3340 | 0.3532 |
|              | 0.3729 | 0.3930 | 0.4135 | 0.4345 | 0.4559 |
|              | 0.4778 | 0.5001 | 0.5229 | 0.5461 | 0.5699 |
|              | 0.5942 | 0.6190 | 0.6443 | 0.6702 | 0.6967 |
|              | 0.7237 | 0.7513 | 0.7795 | 0.8084 | 0.8380 |
|              | 0.8682 | 0.8990 | 0.9311 | 0.9647 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0311 | 0.0668 | 0.1004 | 0.1324 | 0.1629 |
|              | 0.1923 | 0.2207 | 0.2482 | 0.2750 | 0.3010 |
|              | 0.3266 | 0.3516 | 0.3761 | 0.3997 | 0.4228 |
|              | 0.4476 | 0.4750 | 0.5018 | 0.5281 | 0.5540 |
|              | 0.5795 | 0.6046 | 0.6293 | 0.6536 | 0.6776 |
|              | 0.6978 | 0.7176 | 0.7372 | 0.7568 | 0.7762 |
|              | 0.7955 | 0.8147 | 0.8338 | 0.8520 | 0.8679 |
|              | 0.8838 | 0.8998 | 0.9159 | 0.9320 | 0.9482 |
|              | 0.9642 | 0.9768 | 0.9896 | 1.0027 | 1.0160 |
|              | 1.0295 | 1.0399 | 1.0279 | 1.0185 | 1.0000 |
| Width:       |        |        |        |        |        |
|              | 0.2260 | 0.2411 | 0.2562 | 0.2713 | 0.2864 |
|              | 0.3015 | 0.3166 | 0.3318 | 0.3469 | 0.3620 |
|              | 0.3771 | 0.3922 | 0.4073 | 0.4230 | 0.4390 |
|              | 0.4521 | 0.4612 | 0.4703 | 0.4794 | 0.4885 |
|              | 0.4976 | 0.5067 | 0.5158 | 0.5249 | 0.5340 |
|              | 0.5461 | 0.5584 | 0.5707 | 0.5830 | 0.5953 |
|              | 0.6076 | 0.6199 | 0.6322 | 0.6451 | 0.6600 |
|              | 0.6748 | 0.6897 | 0.7045 | 0.7194 | 0.7343 |
|              | 0.7493 | 0.7673 | 0.7853 | 0.8033 | 0.8213 |
|              | 0.8394 | 0.8602 | 0.9027 | 0.9452 | 1.0000 |
| Transect A93 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
|              | 0.0014 | 0.0055 | 0.0109 | 0.0174 | 0.0246 |
|              | 0.0322 | 0.0402 | 0.0486 | 0.0574 | 0.0666 |
|              | 0.0763 | 0.0863 | 0.0968 | 0.1076 | 0.1189 |
|              | 0.1306 | 0.1427 | 0.1552 | 0.1682 | 0.1816 |
|              | 0.1955 | 0.2098 | 0.2245 | 0.2397 | 0.2555 |
|              | 0.2717 | 0.2883 | 0.3055 | 0.3234 | 0.3422 |
|              | 0.3619 | 0.3826 | 0.4043 | 0.4283 | 0.4544 |
|              | 0.4819 | 0.5110 | 0.5424 | 0.5766 | 0.6116 |
|              | 0.6471 | 0.6830 | 0.7195 | 0.7565 | 0.7941 |
|              | 0.8321 | 0.8708 | 0.9107 | 0.9519 | 1.0000 |
| Hrad:        |        |        |        |        |        |
|              | 0.0261 | 0.0570 | 0.0955 | 0.1305 | 0.1729 |
|              | 0.2141 | 0.2537 | 0.2919 | 0.3289 | 0.3648 |
|              | 0.3999 | 0.4342 | 0.4678 | 0.5007 | 0.5331 |
|              | 0.5651 | 0.5965 | 0.6258 | 0.6549 | 0.6838 |
|              | 0.7124 | 0.7409 | 0.7691 | 0.7961 | 0.8217 |

|              |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|
| Width:       | 0.8473 | 0.8729 | 0.8985 | 0.9069 | 0.9123 |
|              | 0.9196 | 0.9286 | 0.9157 | 0.8737 | 0.8736 |
|              | 0.8781 | 0.8738 | 0.8563 | 0.8515 | 0.8971 |
|              | 0.9355 | 0.9736 | 1.0113 | 1.0487 | 1.0857 |
|              | 1.1225 | 1.1449 | 1.1607 | 1.1658 | 1.0000 |
|              | 0.0504 | 0.0908 | 0.1084 | 0.1259 | 0.1341 |
|              | 0.1415 | 0.1490 | 0.1564 | 0.1638 | 0.1713 |
|              | 0.1787 | 0.1862 | 0.1936 | 0.2010 | 0.2085 |
|              | 0.2159 | 0.2234 | 0.2315 | 0.2396 | 0.2477 |
|              | 0.2558 | 0.2640 | 0.2721 | 0.2806 | 0.2897 |
| Hrad:        | 0.2987 | 0.3077 | 0.3168 | 0.3323 | 0.3497 |
|              | 0.3670 | 0.3844 | 0.4123 | 0.4583 | 0.4865 |
|              | 0.5136 | 0.5476 | 0.5936 | 0.6349 | 0.6392 |
|              | 0.6485 | 0.6579 | 0.6672 | 0.6766 | 0.6860 |
|              | 0.6953 | 0.7136 | 0.7364 | 0.7666 | 1.0000 |
| Transect A95 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
| Hrad:        | 0.0009 | 0.0035 | 0.0080 | 0.0142 | 0.0222 |
|              | 0.0317 | 0.0418 | 0.0525 | 0.0636 | 0.0752 |
|              | 0.0873 | 0.0999 | 0.1128 | 0.1260 | 0.1396 |
|              | 0.1535 | 0.1677 | 0.1823 | 0.1971 | 0.2123 |
|              | 0.2279 | 0.2438 | 0.2600 | 0.2765 | 0.2934 |
|              | 0.3106 | 0.3281 | 0.3459 | 0.3641 | 0.3826 |
|              | 0.4015 | 0.4209 | 0.4409 | 0.4616 | 0.4830 |
|              | 0.5052 | 0.5282 | 0.5519 | 0.5764 | 0.6017 |
|              | 0.6294 | 0.6601 | 0.6934 | 0.7290 | 0.7667 |
|              | 0.8074 | 0.8517 | 0.8992 | 0.9488 | 1.0000 |
| Width:       | 0.0262 | 0.0524 | 0.0785 | 0.1047 | 0.1309 |
|              | 0.1680 | 0.2109 | 0.2522 | 0.2921 | 0.3308 |
|              | 0.3684 | 0.4086 | 0.4494 | 0.4893 | 0.5286 |
|              | 0.5672 | 0.6051 | 0.6425 | 0.6793 | 0.7156 |
|              | 0.7515 | 0.7868 | 0.8218 | 0.8564 | 0.8906 |
|              | 0.9244 | 0.9580 | 0.9912 | 1.0241 | 1.0568 |
|              | 1.0828 | 1.1010 | 1.1197 | 1.1319 | 1.1431 |
|              | 1.1554 | 1.1686 | 1.1826 | 1.1973 | 1.1899 |
|              | 1.1149 | 1.0695 | 1.0405 | 1.0343 | 1.0216 |
|              | 0.9852 | 0.9639 | 0.9601 | 0.9798 | 1.0000 |
| Width:       | 0.0341 | 0.0682 | 0.1023 | 0.1364 | 0.1704 |
|              | 0.1898 | 0.1993 | 0.2088 | 0.2183 | 0.2279 |
|              | 0.2374 | 0.2447 | 0.2510 | 0.2573 | 0.2637 |
|              | 0.2700 | 0.2764 | 0.2827 | 0.2890 | 0.2954 |
|              | 0.3017 | 0.3080 | 0.3144 | 0.3207 | 0.3271 |
|              | 0.3334 | 0.3397 | 0.3461 | 0.3524 | 0.3588 |
|              | 0.3673 | 0.3788 | 0.3902 | 0.4042 | 0.4189 |
|              | 0.4337 | 0.4484 | 0.4631 | 0.4778 | 0.5022 |
|              | 0.5615 | 0.6144 | 0.6639 | 0.7025 | 0.7485 |
|              | 0.8181 | 0.8827 | 0.9361 | 0.9681 | 1.0000 |
| Transect A96 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
| Hrad:        | 0.0005 | 0.0020 | 0.0045 | 0.0080 | 0.0126 |
|              | 0.0179 | 0.0236 | 0.0296 | 0.0360 | 0.0426 |
|              | 0.0496 | 0.0569 | 0.0645 | 0.0724 | 0.0807 |
|              | 0.0940 | 0.1107 | 0.1319 | 0.1535 | 0.1755 |
|              | 0.1979 | 0.2206 | 0.2438 | 0.2673 | 0.2914 |
|              | 0.3159 | 0.3408 | 0.3661 | 0.3916 | 0.4175 |
|              | 0.4438 | 0.4703 | 0.4972 | 0.5244 | 0.5519 |
|              | 0.5798 | 0.6080 | 0.6365 | 0.6652 | 0.6943 |
|              | 0.7237 | 0.7533 | 0.7832 | 0.8134 | 0.8439 |
|              | 0.8746 | 0.9056 | 0.9368 | 0.9683 | 1.0000 |
| Width:       | 0.0160 | 0.0319 | 0.0479 | 0.0639 | 0.0798 |
|              | 0.1030 | 0.1284 | 0.1527 | 0.1762 | 0.1989 |
|              | 0.2210 | 0.2425 | 0.2636 | 0.2842 | 0.3038 |
|              | 0.3043 | 0.2334 | 0.1960 | 0.2243 | 0.2522 |
|              | 0.2798 | 0.3069 | 0.3325 | 0.3576 | 0.3824 |
|              | 0.4069 | 0.4332 | 0.4592 | 0.4850 | 0.5105 |
|              | 0.5357 | 0.5609 | 0.5858 | 0.6105 | 0.6350 |
|              | 0.6594 | 0.6836 | 0.7084 | 0.7330 | 0.7574 |
|              | 0.7816 | 0.8057 | 0.8296 | 0.8544 | 0.8790 |
|              | 0.9035 | 0.9278 | 0.9520 | 0.9761 | 1.0000 |
| Width:       | 0.0315 | 0.0631 | 0.0946 | 0.1262 | 0.1577 |
|              | 0.1742 | 0.1841 | 0.1940 | 0.2039 | 0.2138 |
|              | 0.2237 | 0.2336 | 0.2435 | 0.2534 | 0.3065 |
|              | 0.4567 | 0.6405 | 0.6734 | 0.6848 | 0.6962 |
|              | 0.7077 | 0.7191 | 0.7333 | 0.7479 | 0.7625 |
|              | 0.7768 | 0.7872 | 0.7976 | 0.8079 | 0.8183 |
|              | 0.8287 | 0.8389 | 0.8491 | 0.8593 | 0.8695 |
|              | 0.8797 | 0.8897 | 0.8988 | 0.9079 | 0.9171 |
|              | 0.9262 | 0.9353 | 0.9444 | 0.9523 | 0.9603 |
|              | 0.9682 | 0.9762 | 0.9841 | 0.9921 | 1.0000 |
| Transect A99 |        |        |        |        |        |
| Area:        |        |        |        |        |        |
| Hrad:        | 0.0003 | 0.0013 | 0.0030 | 0.0053 | 0.0082 |
|              | 0.0117 | 0.0157 | 0.0202 | 0.0253 | 0.0308 |
|              | 0.0370 | 0.0439 | 0.0516 | 0.0601 | 0.0690 |
|              | 0.0783 | 0.0881 | 0.0983 | 0.1089 | 0.1199 |
|              | 0.1360 | 0.1539 | 0.1732 | 0.1942 | 0.2187 |
|              | 0.2444 | 0.2705 | 0.2970 | 0.3239 | 0.3512 |
|              | 0.3790 | 0.4073 | 0.4361 | 0.4655 | 0.4955 |
|              | 0.5262 | 0.5576 | 0.5897 | 0.6221 | 0.6549 |
|              | 0.6880 | 0.7214 | 0.7551 | 0.7891 | 0.8235 |
|              | 0.8581 | 0.8931 | 0.9284 | 0.9641 | 1.0000 |
| Hrad:        | 0.0180 | 0.0360 | 0.0540 | 0.0720 | 0.0922 |
|              | 0.1126 | 0.1324 | 0.1518 | 0.1709 | 0.1902 |
|              | 0.2042 | 0.2156 | 0.2284 | 0.2485 | 0.2719 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Width: | 0.2948 | 0.3173 | 0.3394 | 0.3611 | 0.3825 |
|        | 0.3866 | 0.3920 | 0.3998 | 0.3804 | 0.3081 |
|        | 0.3404 | 0.3723 | 0.4019 | 0.4309 | 0.4597 |
|        | 0.4881 | 0.5148 | 0.5404 | 0.5657 | 0.5903 |
|        | 0.6123 | 0.6342 | 0.6594 | 0.6890 | 0.7183 |
|        | 0.7474 | 0.7763 | 0.8050 | 0.8335 | 0.8617 |
|        | 0.8897 | 0.9176 | 0.9452 | 0.9727 | 1.0000 |
|        | 0.0183 | 0.0366 | 0.0548 | 0.0731 | 0.0889 |
|        | 0.1035 | 0.1181 | 0.1327 | 0.1473 | 0.1615 |
|        | 0.1804 | 0.2028 | 0.2252 | 0.2409 | 0.2526 |
| Hrad:  | 0.2644 | 0.2762 | 0.2880 | 0.2998 | 0.3325 |
|        | 0.4767 | 0.5157 | 0.5519 | 0.6187 | 0.7095 |
|        | 0.7178 | 0.7262 | 0.7386 | 0.7511 | 0.7637 |
|        | 0.7762 | 0.7909 | 0.8068 | 0.8228 | 0.8395 |
|        | 0.8594 | 0.8794 | 0.8944 | 0.9031 | 0.9119 |
|        | 0.9206 | 0.9293 | 0.9380 | 0.9468 | 0.9557 |
|        | 0.9645 | 0.9734 | 0.9823 | 0.9911 | 1.0000 |
|        | 0.0033 | 0.0077 | 0.0127 | 0.0185 | 0.0259 |
|        | 0.0358 | 0.0465 | 0.0582 | 0.0711 | 0.0868 |
|        | 0.1055 | 0.1252 | 0.1454 | 0.1660 | 0.1870 |
| Width: | 0.2083 | 0.2300 | 0.2519 | 0.2739 | 0.2961 |
|        | 0.3183 | 0.3407 | 0.3633 | 0.3859 | 0.4087 |
|        | 0.4316 | 0.4546 | 0.4777 | 0.5010 | 0.5243 |
|        | 0.5478 | 0.5713 | 0.5948 | 0.6183 | 0.6419 |
|        | 0.6655 | 0.6892 | 0.7129 | 0.7366 | 0.7604 |
|        | 0.7842 | 0.8080 | 0.8319 | 0.8558 | 0.8797 |
|        | 0.9037 | 0.9277 | 0.9518 | 0.9759 | 1.0000 |
|        | 0.0196 | 0.0400 | 0.0586 | 0.0718 | 0.0671 |
|        | 0.0848 | 0.1011 | 0.1159 | 0.1250 | 0.1171 |
|        | 0.1337 | 0.1523 | 0.1737 | 0.1948 | 0.2156 |
| Hrad:  | 0.2360 | 0.2563 | 0.2790 | 0.3017 | 0.3242 |
|        | 0.3465 | 0.3688 | 0.3909 | 0.4129 | 0.4348 |
|        | 0.4566 | 0.4782 | 0.4997 | 0.5212 | 0.5427 |
|        | 0.5660 | 0.5892 | 0.6124 | 0.6355 | 0.6586 |
|        | 0.6817 | 0.7047 | 0.7277 | 0.7506 | 0.7735 |
|        | 0.7963 | 0.8191 | 0.8419 | 0.8646 | 0.8873 |
|        | 0.9099 | 0.9325 | 0.9550 | 0.9775 | 1.0000 |
|        | 0.1708 | 0.1953 | 0.2198 | 0.2604 | 0.3900 |
|        | 0.4258 | 0.4641 | 0.5073 | 0.5744 | 0.7492 |
|        | 0.7967 | 0.8302 | 0.8452 | 0.8603 | 0.8753 |
| Width: | 0.8904 | 0.9052 | 0.9102 | 0.9153 | 0.9203 |
|        | 0.9254 | 0.9304 | 0.9355 | 0.9406 | 0.9456 |
|        | 0.9507 | 0.9557 | 0.9608 | 0.9658 | 0.9705 |
|        | 0.9720 | 0.9734 | 0.9749 | 0.9764 | 0.9779 |
|        | 0.9793 | 0.9808 | 0.9823 | 0.9838 | 0.9852 |
|        | 0.9867 | 0.9882 | 0.9897 | 0.9911 | 0.9926 |
|        | 0.9941 | 0.9956 | 0.9970 | 0.9985 | 1.0000 |
|        | 0.0010 | 0.0027 | 0.0051 | 0.0084 | 0.0128 |
|        | 0.0180 | 0.0241 | 0.0310 | 0.0392 | 0.0486 |
|        | 0.0585 | 0.0694 | 0.0815 | 0.0943 | 0.1079 |
| Hrad:  | 0.1237 | 0.1416 | 0.1608 | 0.1806 | 0.2009 |
|        | 0.2218 | 0.2440 | 0.2673 | 0.2915 | 0.3169 |
|        | 0.3430 | 0.3693 | 0.3956 | 0.4221 | 0.4486 |
|        | 0.4752 | 0.5018 | 0.5286 | 0.5554 | 0.5823 |
|        | 0.6093 | 0.6364 | 0.6636 | 0.6908 | 0.7182 |
|        | 0.7456 | 0.7731 | 0.8007 | 0.8285 | 0.8566 |
|        | 0.8849 | 0.9134 | 0.9422 | 0.9711 | 1.0000 |
|        | 0.0195 | 0.0388 | 0.0546 | 0.0662 | 0.0832 |
|        | 0.1003 | 0.1164 | 0.1320 | 0.1252 | 0.1464 |
|        | 0.1669 | 0.1727 | 0.1940 | 0.2130 | 0.2255 |
| Width: | 0.2200 | 0.2257 | 0.2462 | 0.2684 | 0.2905 |
|        | 0.3123 | 0.3157 | 0.3323 | 0.3495 | 0.3520 |
|        | 0.3798 | 0.4075 | 0.4352 | 0.4627 | 0.4902 |
|        | 0.5176 | 0.5449 | 0.5721 | 0.5992 | 0.6262 |
|        | 0.6532 | 0.6801 | 0.7069 | 0.7336 | 0.7602 |
|        | 0.7868 | 0.8133 | 0.8374 | 0.8589 | 0.8803 |
|        | 0.9016 | 0.9227 | 0.9455 | 0.9728 | 1.0000 |
|        | 0.0507 | 0.0711 | 0.0940 | 0.1343 | 0.1669 |
|        | 0.1959 | 0.2250 | 0.2535 | 0.3146 | 0.3333 |
|        | 0.3520 | 0.4050 | 0.4294 | 0.4566 | 0.4958 |
| Hrad:  | 0.5806 | 0.6468 | 0.6741 | 0.6953 | 0.7129 |
|        | 0.7305 | 0.7907 | 0.8214 | 0.8502 | 0.9031 |
|        | 0.9060 | 0.9088 | 0.9117 | 0.9146 | 0.9174 |
|        | 0.9203 | 0.9231 | 0.9260 | 0.9289 | 0.9317 |
|        | 0.9346 | 0.9375 | 0.9403 | 0.9432 | 0.9461 |
|        | 0.9489 | 0.9518 | 0.9573 | 0.9657 | 0.9741 |
|        | 0.9825 | 0.9909 | 0.9974 | 0.9987 | 1.0000 |
|        | 0.0006 | 0.0024 | 0.0051 | 0.0088 | 0.0142 |
|        | 0.0224 | 0.0317 | 0.0421 | 0.0536 | 0.0665 |
|        | 0.0801 | 0.0942 | 0.1089 | 0.1240 | 0.1401 |
| Hrad:  | 0.1571 | 0.1757 | 0.1956 | 0.2158 | 0.2364 |
|        | 0.2571 | 0.2782 | 0.2997 | 0.3217 | 0.3442 |
|        | 0.3674 | 0.3914 | 0.4162 | 0.4413 | 0.4665 |
|        | 0.4919 | 0.5175 | 0.5432 | 0.5691 | 0.5951 |
|        | 0.6213 | 0.6476 | 0.6740 | 0.7005 | 0.7272 |
|        | 0.7540 | 0.7809 | 0.8080 | 0.8351 | 0.8624 |
|        | 0.8898 | 0.9172 | 0.9448 | 0.9723 | 1.0000 |
|        | 0.0139 | 0.0297 | 0.0435 | 0.0561 | 0.0690 |
|        |        |        |        |        |        |
|        |        |        |        |        |        |

|                    |        |        |        |        |        |
|--------------------|--------|--------|--------|--------|--------|
|                    | 0.0701 | 0.0897 | 0.1063 | 0.1223 | 0.1387 |
|                    | 0.1600 | 0.1819 | 0.2034 | 0.2207 | 0.2352 |
|                    | 0.2526 | 0.2499 | 0.2695 | 0.2937 | 0.3176 |
|                    | 0.3413 | 0.3632 | 0.3822 | 0.4009 | 0.4216 |
|                    | 0.4417 | 0.4609 | 0.4621 | 0.4866 | 0.5109 |
|                    | 0.5351 | 0.5594 | 0.5838 | 0.6082 | 0.6324 |
|                    | 0.6565 | 0.6810 | 0.7054 | 0.7297 | 0.7538 |
|                    | 0.7779 | 0.8019 | 0.8258 | 0.8496 | 0.8742 |
|                    | 0.8995 | 0.9247 | 0.9499 | 0.9750 | 1.0000 |
| Width:             |        |        |        |        |        |
|                    | 0.0442 | 0.0799 | 0.1165 | 0.1582 | 0.2545 |
|                    | 0.3199 | 0.3543 | 0.3968 | 0.4397 | 0.4806 |
|                    | 0.5019 | 0.5192 | 0.5364 | 0.5632 | 0.5969 |
|                    | 0.6387 | 0.7048 | 0.7271 | 0.7364 | 0.7457 |
|                    | 0.7550 | 0.7673 | 0.7856 | 0.8039 | 0.8216 |
|                    | 0.8520 | 0.8824 | 0.9021 | 0.9083 | 0.9144 |
|                    | 0.9205 | 0.9263 | 0.9316 | 0.9368 | 0.9420 |
|                    | 0.9472 | 0.9517 | 0.9562 | 0.9607 | 0.9652 |
|                    | 0.9697 | 0.9742 | 0.9787 | 0.9833 | 0.9867 |
|                    | 0.9894 | 0.9920 | 0.9947 | 0.9973 | 1.0000 |
| Transect T-C118    |        |        |        |        |        |
| Area:              |        |        |        |        |        |
|                    | 0.0001 | 0.0004 | 0.0009 | 0.0016 | 0.0026 |
|                    | 0.0054 | 0.0096 | 0.0149 | 0.0213 | 0.0309 |
|                    | 0.0433 | 0.0563 | 0.0700 | 0.0846 | 0.0999 |
|                    | 0.1156 | 0.1316 | 0.1480 | 0.1649 | 0.1823 |
|                    | 0.2011 | 0.2205 | 0.2402 | 0.2603 | 0.2807 |
|                    | 0.3016 | 0.3228 | 0.3443 | 0.3660 | 0.3881 |
|                    | 0.4111 | 0.4353 | 0.4599 | 0.4850 | 0.5108 |
|                    | 0.5389 | 0.5685 | 0.5987 | 0.6295 | 0.6607 |
|                    | 0.6926 | 0.7261 | 0.7599 | 0.7938 | 0.8278 |
|                    | 0.8620 | 0.8963 | 0.9308 | 0.9653 | 1.0000 |
| Hrad:              |        |        |        |        |        |
|                    | 0.0174 | 0.0347 | 0.0521 | 0.0695 | 0.0810 |
|                    | 0.0734 | 0.0843 | 0.0997 | 0.1123 | 0.1009 |
|                    | 0.1251 | 0.1508 | 0.1750 | 0.1983 | 0.2240 |
|                    | 0.2544 | 0.2833 | 0.3096 | 0.3350 | 0.3580 |
|                    | 0.3643 | 0.3927 | 0.4207 | 0.4472 | 0.4730 |
|                    | 0.4990 | 0.5269 | 0.5545 | 0.5819 | 0.6022 |
|                    | 0.5965 | 0.6210 | 0.6452 | 0.6659 | 0.6841 |
|                    | 0.6384 | 0.6629 | 0.6841 | 0.7063 | 0.7299 |
|                    | 0.7435 | 0.7500 | 0.7815 | 0.8128 | 0.8441 |
|                    | 0.8752 | 0.9061 | 0.9371 | 0.9686 | 1.0000 |
| Width:             |        |        |        |        |        |
|                    | 0.0056 | 0.0112 | 0.0168 | 0.0224 | 0.0476 |
|                    | 0.1061 | 0.1359 | 0.1657 | 0.2046 | 0.3467 |
|                    | 0.3660 | 0.3841 | 0.4074 | 0.4321 | 0.4474 |
|                    | 0.4557 | 0.4659 | 0.4794 | 0.4936 | 0.5107 |
|                    | 0.5536 | 0.5630 | 0.5725 | 0.5835 | 0.5951 |
|                    | 0.6060 | 0.6142 | 0.6224 | 0.6306 | 0.6462 |
|                    | 0.6910 | 0.7029 | 0.7147 | 0.7302 | 0.7685 |
|                    | 0.8464 | 0.8599 | 0.8775 | 0.8936 | 0.9074 |
|                    | 0.9336 | 0.9701 | 0.9741 | 0.9780 | 0.9820 |
|                    | 0.9859 | 0.9899 | 0.9937 | 0.9968 | 1.0000 |
| Transect T-C1450_1 |        |        |        |        |        |
| Area:              |        |        |        |        |        |
|                    | 0.0002 | 0.0006 | 0.0014 | 0.0024 | 0.0040 |
|                    | 0.0066 | 0.0105 | 0.0155 | 0.0212 | 0.0274 |
|                    | 0.0347 | 0.0439 | 0.0545 | 0.0663 | 0.0792 |
|                    | 0.0926 | 0.1064 | 0.1212 | 0.1374 | 0.1554 |
|                    | 0.1746 | 0.1949 | 0.2163 | 0.2391 | 0.2629 |
|                    | 0.2874 | 0.3126 | 0.3387 | 0.3655 | 0.3926 |
|                    | 0.4199 | 0.4473 | 0.4749 | 0.5031 | 0.5322 |
|                    | 0.5623 | 0.5926 | 0.6231 | 0.6538 | 0.6846 |
|                    | 0.7155 | 0.7465 | 0.7777 | 0.8090 | 0.8405 |
|                    | 0.8723 | 0.9041 | 0.9360 | 0.9680 | 1.0000 |
| Hrad:              |        |        |        |        |        |
|                    | 0.0160 | 0.0321 | 0.0507 | 0.0653 | 0.0631 |
|                    | 0.0636 | 0.0799 | 0.0944 | 0.1141 | 0.1408 |
|                    | 0.1615 | 0.1649 | 0.1830 | 0.1944 | 0.2030 |
|                    | 0.2275 | 0.2523 | 0.2746 | 0.2856 | 0.2640 |
|                    | 0.2934 | 0.3207 | 0.3460 | 0.3696 | 0.3927 |
|                    | 0.4155 | 0.4382 | 0.4574 | 0.4340 | 0.4639 |
|                    | 0.4933 | 0.5226 | 0.5451 | 0.5716 | 0.5981 |
|                    | 0.5973 | 0.6252 | 0.6535 | 0.6825 | 0.7117 |
|                    | 0.7409 | 0.7700 | 0.7989 | 0.8278 | 0.8489 |
|                    | 0.8794 | 0.9096 | 0.9398 | 0.9699 | 1.0000 |
| Width:             |        |        |        |        |        |
|                    | 0.0097 | 0.0194 | 0.0274 | 0.0364 | 0.0641 |
|                    | 0.1036 | 0.1413 | 0.1647 | 0.1861 | 0.2072 |
|                    | 0.2554 | 0.3060 | 0.3489 | 0.3898 | 0.4106 |
|                    | 0.4237 | 0.4428 | 0.4823 | 0.5284 | 0.5892 |
|                    | 0.6188 | 0.6451 | 0.6941 | 0.7289 | 0.7519 |
|                    | 0.7792 | 0.7960 | 0.8286 | 0.8430 | 0.8472 |
|                    | 0.8518 | 0.8566 | 0.8720 | 0.8891 | 0.9290 |
|                    | 0.9421 | 0.9486 | 0.9542 | 0.9587 | 0.9626 |
|                    | 0.9664 | 0.9703 | 0.9742 | 0.9780 | 0.9907 |
|                    | 0.9925 | 0.9943 | 0.9962 | 0.9981 | 1.0000 |
| Transect T-C61     |        |        |        |        |        |
| Area:              |        |        |        |        |        |
|                    | 0.0027 | 0.0075 | 0.0149 | 0.0282 | 0.0418 |
|                    | 0.0557 | 0.0698 | 0.0842 | 0.0989 | 0.1139 |
|                    | 0.1292 | 0.1449 | 0.1612 | 0.1780 | 0.1955 |
|                    | 0.2134 | 0.2316 | 0.2502 | 0.2692 | 0.2886 |
|                    | 0.3084 | 0.3287 | 0.3495 | 0.3706 | 0.3921 |
|                    | 0.4139 | 0.4362 | 0.4589 | 0.4822 | 0.5060 |
|                    | 0.5300 | 0.5540 | 0.5781 | 0.6023 | 0.6266 |
|                    | 0.6510 | 0.6754 | 0.6999 | 0.7245 | 0.7492 |
|                    | 0.7739 | 0.7987 | 0.8236 | 0.8485 | 0.8736 |
|                    | 0.8987 | 0.9239 | 0.9492 | 0.9745 | 1.0000 |

|                |        |        |        |        |        |
|----------------|--------|--------|--------|--------|--------|
| Hrad:          | 0.0161 | 0.0376 | 0.0298 | 0.0551 | 0.0799 |
|                | 0.1041 | 0.1280 | 0.1514 | 0.1744 | 0.1970 |
|                | 0.2193 | 0.2371 | 0.2541 | 0.2709 | 0.2883 |
|                | 0.3089 | 0.3292 | 0.3490 | 0.3666 | 0.3840 |
|                | 0.4012 | 0.4182 | 0.4351 | 0.4542 | 0.4735 |
|                | 0.4908 | 0.5056 | 0.5203 | 0.5350 | 0.5515 |
|                | 0.5751 | 0.5986 | 0.6220 | 0.6453 | 0.6684 |
|                | 0.6914 | 0.7144 | 0.7372 | 0.7598 | 0.7824 |
|                | 0.8049 | 0.8272 | 0.8495 | 0.8716 | 0.8937 |
|                | 0.9156 | 0.9374 | 0.9584 | 0.9792 | 1.0000 |
| Width:         | 0.1718 | 0.2047 | 0.5155 | 0.5265 | 0.5375 |
|                | 0.5486 | 0.5596 | 0.5707 | 0.5817 | 0.5927 |
|                | 0.6038 | 0.6261 | 0.6497 | 0.6734 | 0.6948 |
|                | 0.7077 | 0.7206 | 0.7340 | 0.7517 | 0.7693 |
|                | 0.7869 | 0.8046 | 0.8222 | 0.8352 | 0.8473 |
|                | 0.8627 | 0.8824 | 0.9022 | 0.9219 | 0.9380 |
|                | 0.9410 | 0.9439 | 0.9469 | 0.9499 | 0.9528 |
|                | 0.9558 | 0.9588 | 0.9618 | 0.9647 | 0.9677 |
|                | 0.9707 | 0.9736 | 0.9766 | 0.9796 | 0.9825 |
|                | 0.9855 | 0.9885 | 0.9923 | 0.9962 | 1.0000 |
| Transect T-C71 |        |        |        |        |        |
| Area:          | 0.0071 | 0.0144 | 0.0220 | 0.0298 | 0.0378 |
|                | 0.0461 | 0.0546 | 0.0634 | 0.0724 | 0.0817 |
|                | 0.0911 | 0.1009 | 0.1108 | 0.1211 | 0.1315 |
|                | 0.1422 | 0.1531 | 0.1643 | 0.1757 | 0.1874 |
|                | 0.1993 | 0.2118 | 0.2247 | 0.2382 | 0.2521 |
|                | 0.2666 | 0.2815 | 0.2970 | 0.3130 | 0.3296 |
|                | 0.3468 | 0.3647 | 0.3851 | 0.4096 | 0.4373 |
|                | 0.4664 | 0.4961 | 0.5266 | 0.5579 | 0.5901 |
|                | 0.6232 | 0.6571 | 0.6935 | 0.7328 | 0.7748 |
|                | 0.8195 | 0.8645 | 0.9096 | 0.9548 | 1.0000 |
| Hrad:          | 0.0446 | 0.0877 | 0.1295 | 0.1702 | 0.2098 |
|                | 0.2483 | 0.2860 | 0.3229 | 0.3590 | 0.3944 |
|                | 0.4291 | 0.4633 | 0.4969 | 0.5299 | 0.5625 |
|                | 0.5947 | 0.6264 | 0.6577 | 0.6886 | 0.7192 |
|                | 0.7393 | 0.7542 | 0.7697 | 0.7856 | 0.8021 |
|                | 0.8190 | 0.8362 | 0.8538 | 0.8678 | 0.8803 |
|                | 0.8936 | 0.9075 | 0.9158 | 0.9154 | 0.6899 |
|                | 0.7179 | 0.7456 | 0.7712 | 0.7949 | 0.8185 |
|                | 0.8420 | 0.8579 | 0.8254 | 0.8179 | 0.8027 |
|                | 0.8247 | 0.8686 | 0.9125 | 0.9563 | 1.0000 |
| Width:         | 0.1592 | 0.1645 | 0.1698 | 0.1751 | 0.1804 |
|                | 0.1857 | 0.1911 | 0.1964 | 0.2017 | 0.2070 |
|                | 0.2123 | 0.2176 | 0.2230 | 0.2283 | 0.2336 |
|                | 0.2389 | 0.2442 | 0.2495 | 0.2549 | 0.2602 |
|                | 0.2692 | 0.2804 | 0.2916 | 0.3027 | 0.3139 |
|                | 0.3251 | 0.3362 | 0.3474 | 0.3602 | 0.3739 |
|                | 0.3877 | 0.4014 | 0.5055 | 0.5793 | 0.6337 |
|                | 0.6495 | 0.6652 | 0.6826 | 0.7017 | 0.7208 |
|                | 0.7399 | 0.7658 | 0.8401 | 0.8959 | 0.9654 |
|                | 0.9938 | 0.9954 | 0.9969 | 0.9985 | 1.0000 |
| Transect T-C74 |        |        |        |        |        |
| Area:          | 0.0006 | 0.0026 | 0.0057 | 0.0095 | 0.0138 |
|                | 0.0186 | 0.0240 | 0.0298 | 0.0362 | 0.0430 |
|                | 0.0505 | 0.0589 | 0.0686 | 0.0793 | 0.0911 |
|                | 0.1039 | 0.1177 | 0.1330 | 0.1500 | 0.1681 |
|                | 0.1870 | 0.2067 | 0.2271 | 0.2483 | 0.2701 |
|                | 0.2924 | 0.3152 | 0.3386 | 0.3625 | 0.3870 |
|                | 0.4120 | 0.4375 | 0.4635 | 0.4902 | 0.5174 |
|                | 0.5451 | 0.5734 | 0.6023 | 0.6318 | 0.6618 |
|                | 0.6926 | 0.7242 | 0.7566 | 0.7897 | 0.8236 |
|                | 0.8582 | 0.8932 | 0.9285 | 0.9641 | 1.0000 |
| Hrad:          | 0.0181 | 0.0362 | 0.0582 | 0.0848 | 0.1094 |
|                | 0.1327 | 0.1550 | 0.1766 | 0.1977 | 0.2183 |
|                | 0.2306 | 0.2350 | 0.2425 | 0.2538 | 0.2678 |
|                | 0.2825 | 0.2970 | 0.2977 | 0.3064 | 0.3288 |
|                | 0.3508 | 0.3726 | 0.3936 | 0.4176 | 0.4432 |
|                | 0.4684 | 0.4932 | 0.5178 | 0.5420 | 0.5660 |
|                | 0.5898 | 0.6131 | 0.6358 | 0.6583 | 0.6806 |
|                | 0.7027 | 0.7247 | 0.7465 | 0.7682 | 0.7855 |
|                | 0.8021 | 0.8187 | 0.8353 | 0.8520 | 0.8688 |
|                | 0.8895 | 0.9175 | 0.9452 | 0.9727 | 1.0000 |
| Width:         | 0.0355 | 0.0711 | 0.0984 | 0.1126 | 0.1267 |
|                | 0.1409 | 0.1551 | 0.1692 | 0.1834 | 0.1976 |
|                | 0.2193 | 0.2515 | 0.2836 | 0.3136 | 0.3414 |
|                | 0.3692 | 0.3978 | 0.4483 | 0.4915 | 0.5133 |
|                | 0.5350 | 0.5568 | 0.5792 | 0.5969 | 0.6117 |
|                | 0.6266 | 0.6415 | 0.6563 | 0.6712 | 0.6860 |
|                | 0.7009 | 0.7159 | 0.7315 | 0.7471 | 0.7627 |
|                | 0.7783 | 0.7939 | 0.8094 | 0.8250 | 0.8452 |
|                | 0.8664 | 0.8876 | 0.9088 | 0.9300 | 0.9512 |
|                | 0.9678 | 0.9759 | 0.9839 | 0.9920 | 1.0000 |
| Transect T-C76 |        |        |        |        |        |
| Area:          | 0.0005 | 0.0019 | 0.0044 | 0.0078 | 0.0121 |
|                | 0.0175 | 0.0238 | 0.0311 | 0.0394 | 0.0490 |
|                | 0.0599 | 0.0720 | 0.0849 | 0.0985 | 0.1129 |
|                | 0.1281 | 0.1440 | 0.1606 | 0.1777 | 0.1955 |
|                | 0.2139 | 0.2328 | 0.2523 | 0.2725 | 0.2933 |
|                | 0.3148 | 0.3372 | 0.3604 | 0.3844 | 0.4092 |
|                | 0.4345 | 0.4604 | 0.4869 | 0.5140 | 0.5417 |
|                | 0.5699 | 0.5988 | 0.6280 | 0.6575 | 0.6873 |

|                |        |        |        |        |        |
|----------------|--------|--------|--------|--------|--------|
| Hrad:          | 0.7174 | 0.7477 | 0.7783 | 0.8092 | 0.8403 |
|                | 0.8717 | 0.9034 | 0.9353 | 0.9675 | 1.0000 |
|                | 0.0163 | 0.0327 | 0.0490 | 0.0653 | 0.0817 |
|                | 0.0980 | 0.1143 | 0.1307 | 0.1437 | 0.1562 |
|                | 0.1696 | 0.1883 | 0.2091 | 0.2295 | 0.2494 |
|                | 0.2690 | 0.2889 | 0.3108 | 0.3324 | 0.3535 |
|                | 0.3744 | 0.3950 | 0.4153 | 0.4354 | 0.4517 |
|                | 0.4673 | 0.4829 | 0.4986 | 0.5143 | 0.5331 |
|                | 0.5531 | 0.5730 | 0.5928 | 0.6124 | 0.6318 |
|                | 0.6511 | 0.6709 | 0.6972 | 0.7234 | 0.7493 |
| Width:         | 0.7751 | 0.8007 | 0.8261 | 0.8514 | 0.8765 |
|                | 0.9015 | 0.9264 | 0.9510 | 0.9756 | 1.0000 |
|                | 0.0298 | 0.0595 | 0.0893 | 0.1191 | 0.1488 |
|                | 0.1786 | 0.2084 | 0.2381 | 0.2747 | 0.3143 |
|                | 0.3540 | 0.3831 | 0.4065 | 0.4299 | 0.4534 |
|                | 0.4768 | 0.4991 | 0.5173 | 0.5354 | 0.5536 |
|                | 0.5717 | 0.5898 | 0.6080 | 0.6261 | 0.6496 |
|                | 0.6742 | 0.6987 | 0.7232 | 0.7478 | 0.7678 |
|                | 0.7857 | 0.8037 | 0.8216 | 0.8395 | 0.8574 |
|                | 0.8753 | 0.8924 | 0.9007 | 0.9090 | 0.9172 |
| Transect T-C78 | 0.9255 | 0.9338 | 0.9421 | 0.9503 | 0.9586 |
|                | 0.9669 | 0.9752 | 0.9834 | 0.9917 | 1.0000 |
|                | 0.0002 | 0.0006 | 0.0014 | 0.0025 | 0.0039 |
|                | 0.0056 | 0.0076 | 0.0100 | 0.0126 | 0.0156 |
|                | 0.0198 | 0.0264 | 0.0366 | 0.0488 | 0.0616 |
|                | 0.0751 | 0.0891 | 0.1038 | 0.1196 | 0.1376 |
|                | 0.1570 | 0.1773 | 0.1985 | 0.2205 | 0.2434 |
|                | 0.2676 | 0.2928 | 0.3189 | 0.3457 | 0.3734 |
|                | 0.4018 | 0.4310 | 0.4610 | 0.4915 | 0.5223 |
|                | 0.5532 | 0.5842 | 0.6153 | 0.6466 | 0.6781 |
| Hrad:          | 0.7096 | 0.7413 | 0.7732 | 0.8052 | 0.8373 |
|                | 0.8696 | 0.9020 | 0.9345 | 0.9672 | 1.0000 |
|                | 0.0165 | 0.0330 | 0.0495 | 0.0660 | 0.0825 |
|                | 0.0990 | 0.1155 | 0.1320 | 0.1486 | 0.1651 |
|                | 0.1189 | 0.1139 | 0.1025 | 0.1299 | 0.1563 |
|                | 0.1819 | 0.2066 | 0.2269 | 0.2451 | 0.2416 |
|                | 0.2634 | 0.2848 | 0.3060 | 0.3272 | 0.3441 |
|                | 0.3602 | 0.3796 | 0.4014 | 0.4229 | 0.4441 |
|                | 0.4637 | 0.4846 | 0.5062 | 0.5333 | 0.5636 |
|                | 0.5938 | 0.6239 | 0.6537 | 0.6834 | 0.7129 |
| Width:         | 0.7423 | 0.7715 | 0.8006 | 0.8295 | 0.8583 |
|                | 0.8869 | 0.9154 | 0.9437 | 0.9719 | 1.0000 |
|                | 0.0095 | 0.0189 | 0.0284 | 0.0378 | 0.0473 |
|                | 0.0568 | 0.0662 | 0.0757 | 0.0852 | 0.0946 |
|                | 0.1677 | 0.2339 | 0.3615 | 0.3802 | 0.3988 |
|                | 0.4175 | 0.4362 | 0.4630 | 0.4936 | 0.5765 |
|                | 0.6033 | 0.6300 | 0.6564 | 0.6820 | 0.7161 |
|                | 0.7521 | 0.7810 | 0.8044 | 0.8278 | 0.8511 |
|                | 0.8771 | 0.9004 | 0.9218 | 0.9326 | 0.9368 |
|                | 0.9411 | 0.9453 | 0.9495 | 0.9537 | 0.9579 |
| Transect T-C8  | 0.9621 | 0.9663 | 0.9705 | 0.9747 | 0.9789 |
|                | 0.9832 | 0.9874 | 0.9916 | 0.9958 | 1.0000 |
|                | 0.0020 | 0.0042 | 0.0065 | 0.0089 | 0.0114 |
|                | 0.0141 | 0.0169 | 0.0198 | 0.0228 | 0.0260 |
|                | 0.0296 | 0.0342 | 0.0416 | 0.0496 | 0.0591 |
|                | 0.0706 | 0.0864 | 0.1054 | 0.1266 | 0.1508 |
|                | 0.1766 | 0.2026 | 0.2288 | 0.2552 | 0.2817 |
|                | 0.3085 | 0.3354 | 0.3625 | 0.3897 | 0.4171 |
|                | 0.4447 | 0.4724 | 0.5003 | 0.5284 | 0.5567 |
|                | 0.5852 | 0.6139 | 0.6427 | 0.6717 | 0.7009 |
| Hrad:          | 0.7302 | 0.7596 | 0.7892 | 0.8190 | 0.8489 |
|                | 0.8789 | 0.9091 | 0.9393 | 0.9696 | 1.0000 |
|                | 0.0296 | 0.0575 | 0.0840 | 0.1092 | 0.1334 |
|                | 0.1567 | 0.1792 | 0.2011 | 0.2223 | 0.2431 |
|                | 0.2294 | 0.2008 | 0.1638 | 0.1826 | 0.1987 |
|                | 0.2100 | 0.1723 | 0.1752 | 0.1960 | 0.1797 |
|                | 0.2084 | 0.2370 | 0.2656 | 0.2943 | 0.3228 |
|                | 0.3511 | 0.3793 | 0.4072 | 0.4351 | 0.4629 |
|                | 0.4907 | 0.5183 | 0.5451 | 0.5718 | 0.5983 |
|                | 0.6247 | 0.6509 | 0.6775 | 0.7045 | 0.7313 |
| Width:         | 0.7580 | 0.7845 | 0.8110 | 0.8374 | 0.8636 |
|                | 0.8897 | 0.9174 | 0.9450 | 0.9726 | 1.0000 |
|                | 0.0687 | 0.0729 | 0.0771 | 0.0813 | 0.0855 |
|                | 0.0897 | 0.0939 | 0.0981 | 0.1023 | 0.1065 |
|                | 0.1283 | 0.2159 | 0.2541 | 0.2811 | 0.3420 |
|                | 0.4525 | 0.5612 | 0.6751 | 0.7321 | 0.8428 |
|                | 0.8504 | 0.8579 | 0.8645 | 0.8701 | 0.8758 |
|                | 0.8815 | 0.8871 | 0.8928 | 0.8984 | 0.9037 |
|                | 0.9087 | 0.9139 | 0.9202 | 0.9265 | 0.9328 |
|                | 0.9390 | 0.9453 | 0.9509 | 0.9557 | 0.9606 |
| Transect T-C84 | 0.9654 | 0.9703 | 0.9752 | 0.9800 | 0.9849 |
|                | 0.9897 | 0.9923 | 0.9948 | 0.9974 | 1.0000 |
|                | 0.0002 | 0.0007 | 0.0027 | 0.0075 | 0.0169 |
|                | 0.0267 | 0.0370 | 0.0476 | 0.0585 | 0.0697 |
|                | 0.0813 | 0.0935 | 0.1060 | 0.1188 | 0.1319 |
|                | 0.1452 | 0.1589 | 0.1737 | 0.1896 | 0.2103 |
|                | 0.2353 | 0.2611 | 0.2870 | 0.3129 | 0.3388 |
|                | 0.3648 | 0.3908 | 0.4169 | 0.4430 | 0.4691 |

|                    |        |        |        |        |        |
|--------------------|--------|--------|--------|--------|--------|
| Hrad:              | 0.4953 | 0.5215 | 0.5478 | 0.5740 | 0.6004 |
|                    | 0.6267 | 0.6531 | 0.6796 | 0.7061 | 0.7326 |
|                    | 0.7592 | 0.7858 | 0.8124 | 0.8391 | 0.8658 |
|                    | 0.8926 | 0.9194 | 0.9462 | 0.9731 | 1.0000 |
|                    | 0.0136 | 0.0271 | 0.0300 | 0.0233 | 0.0479 |
|                    | 0.0723 | 0.0964 | 0.1203 | 0.1436 | 0.1663 |
|                    | 0.1862 | 0.2056 | 0.2274 | 0.2496 | 0.2715 |
|                    | 0.2931 | 0.3028 | 0.3113 | 0.3224 | 0.2514 |
|                    | 0.2479 | 0.2746 | 0.3012 | 0.3278 | 0.3543 |
|                    | 0.3808 | 0.4072 | 0.4335 | 0.4598 | 0.4861 |
|                    | 0.5123 | 0.5384 | 0.5645 | 0.5905 | 0.6165 |
|                    | 0.6424 | 0.6683 | 0.6941 | 0.7199 | 0.7456 |
|                    | 0.7713 | 0.7969 | 0.8225 | 0.8480 | 0.8734 |
| Width:             | 0.8989 | 0.9242 | 0.9495 | 0.9748 | 1.0000 |
|                    | 0.0137 | 0.0274 | 0.1094 | 0.3273 | 0.3562 |
|                    | 0.3732 | 0.3872 | 0.3991 | 0.4110 | 0.4232 |
|                    | 0.4411 | 0.4589 | 0.4706 | 0.4804 | 0.4902 |
|                    | 0.5000 | 0.5295 | 0.5633 | 0.6270 | 0.8946 |
|                    | 0.9577 | 0.9593 | 0.9608 | 0.9623 | 0.9638 |
|                    | 0.9652 | 0.9667 | 0.9681 | 0.9696 | 0.9710 |
|                    | 0.9725 | 0.9739 | 0.9754 | 0.9768 | 0.9783 |
|                    | 0.9797 | 0.9812 | 0.9826 | 0.9841 | 0.9855 |
|                    | 0.9870 | 0.9884 | 0.9899 | 0.9913 | 0.9928 |
|                    | 0.9942 | 0.9957 | 0.9971 | 0.9986 | 1.0000 |
| Transect T-C97     |        |        |        |        |        |
| Area:              | 0.0002 | 0.0007 | 0.0015 | 0.0027 | 0.0043 |
|                    | 0.0061 | 0.0084 | 0.0109 | 0.0138 | 0.0170 |
|                    | 0.0205 | 0.0242 | 0.0282 | 0.0328 | 0.0391 |
|                    | 0.0464 | 0.0557 | 0.0683 | 0.0832 | 0.0989 |
|                    | 0.1163 | 0.1353 | 0.1558 | 0.1774 | 0.1997 |
|                    | 0.2235 | 0.2482 | 0.2739 | 0.3006 | 0.3288 |
|                    | 0.3576 | 0.3871 | 0.4174 | 0.4483 | 0.4798 |
|                    | 0.5116 | 0.5450 | 0.5789 | 0.6130 | 0.6472 |
|                    | 0.6816 | 0.7162 | 0.7509 | 0.7858 | 0.8209 |
|                    | 0.8562 | 0.8916 | 0.9272 | 0.9633 | 1.0000 |
| Hrad:              | 0.0186 | 0.0372 | 0.0558 | 0.0743 | 0.0929 |
|                    | 0.1115 | 0.1301 | 0.1487 | 0.1692 | 0.1902 |
|                    | 0.2107 | 0.2309 | 0.2509 | 0.2144 | 0.2164 |
|                    | 0.2259 | 0.2166 | 0.2089 | 0.2035 | 0.2262 |
|                    | 0.2366 | 0.2536 | 0.2749 | 0.3011 | 0.3257 |
|                    | 0.3428 | 0.3648 | 0.3921 | 0.4034 | 0.4295 |
|                    | 0.4576 | 0.4822 | 0.5076 | 0.5349 | 0.5646 |
|                    | 0.5941 | 0.6003 | 0.6342 | 0.6678 | 0.7013 |
|                    | 0.7346 | 0.7678 | 0.8009 | 0.8339 | 0.8667 |
|                    | 0.8993 | 0.9310 | 0.9613 | 0.9912 | 1.0000 |
| Width:             | 0.0092 | 0.0184 | 0.0277 | 0.0369 | 0.0461 |
|                    | 0.0553 | 0.0645 | 0.0738 | 0.0819 | 0.0896 |
|                    | 0.0973 | 0.1050 | 0.1127 | 0.1535 | 0.1813 |
|                    | 0.2167 | 0.2914 | 0.3821 | 0.4108 | 0.4394 |
|                    | 0.4942 | 0.5363 | 0.5697 | 0.5921 | 0.6163 |
|                    | 0.6554 | 0.6840 | 0.7023 | 0.7491 | 0.7696 |
|                    | 0.7856 | 0.8071 | 0.8267 | 0.8426 | 0.8542 |
|                    | 0.8658 | 0.9125 | 0.9171 | 0.9218 | 0.9264 |
|                    | 0.9311 | 0.9356 | 0.9400 | 0.9444 | 0.9489 |
|                    | 0.9533 | 0.9586 | 0.9651 | 0.9824 | 1.0000 |
| Transect T-SMC14   |        |        |        |        |        |
| Area:              | 0.0044 | 0.0103 | 0.0168 | 0.0237 | 0.0311 |
|                    | 0.0390 | 0.0473 | 0.0561 | 0.0654 | 0.0751 |
|                    | 0.0853 | 0.0962 | 0.1078 | 0.1201 | 0.1331 |
|                    | 0.1469 | 0.1616 | 0.1777 | 0.1950 | 0.2128 |
|                    | 0.2312 | 0.2500 | 0.2694 | 0.2892 | 0.3095 |
|                    | 0.3303 | 0.3514 | 0.3730 | 0.3950 | 0.4175 |
|                    | 0.4404 | 0.4637 | 0.4876 | 0.5119 | 0.5366 |
|                    | 0.5619 | 0.5883 | 0.6160 | 0.6450 | 0.6751 |
|                    | 0.7064 | 0.7385 | 0.7708 | 0.8032 | 0.8358 |
|                    | 0.8684 | 0.9011 | 0.9340 | 0.9669 | 1.0000 |
| Hrad:              | 0.0254 | 0.0555 | 0.0838 | 0.1105 | 0.1359 |
|                    | 0.1602 | 0.1837 | 0.2065 | 0.2286 | 0.2503 |
|                    | 0.2710 | 0.2851 | 0.2997 | 0.3148 | 0.3300 |
|                    | 0.3454 | 0.3486 | 0.3529 | 0.3677 | 0.3906 |
|                    | 0.4131 | 0.4353 | 0.4572 | 0.4789 | 0.5003 |
|                    | 0.5228 | 0.5460 | 0.5689 | 0.5899 | 0.6106 |
|                    | 0.6311 | 0.6515 | 0.6717 | 0.6917 | 0.7117 |
|                    | 0.7233 | 0.7209 | 0.7205 | 0.7246 | 0.7296 |
|                    | 0.7334 | 0.7595 | 0.7899 | 0.8202 | 0.8505 |
|                    | 0.8806 | 0.9106 | 0.9405 | 0.9703 | 1.0000 |
| Width:             | 0.1735 | 0.1877 | 0.2019 | 0.2161 | 0.2303 |
|                    | 0.2445 | 0.2587 | 0.2729 | 0.2871 | 0.3013 |
|                    | 0.3159 | 0.3385 | 0.3607 | 0.3827 | 0.4047 |
|                    | 0.4267 | 0.4652 | 0.5054 | 0.5322 | 0.5469 |
|                    | 0.5616 | 0.5763 | 0.5910 | 0.6057 | 0.6204 |
|                    | 0.6335 | 0.6452 | 0.6570 | 0.6709 | 0.6849 |
|                    | 0.6988 | 0.7128 | 0.7268 | 0.7407 | 0.7547 |
|                    | 0.7775 | 0.8169 | 0.8559 | 0.8912 | 0.9265 |
|                    | 0.9644 | 0.9736 | 0.9769 | 0.9802 | 0.9835 |
|                    | 0.9868 | 0.9901 | 0.9934 | 0.9967 | 1.0000 |
| Transect T-U012001 |        |        |        |        |        |
| Area:              | 0.0016 | 0.0043 | 0.0078 | 0.0120 | 0.0168 |
|                    | 0.0223 | 0.0283 | 0.0350 | 0.0421 | 0.0499 |
|                    | 0.0582 | 0.0672 | 0.0773 | 0.0888 | 0.1013 |
|                    | 0.1145 | 0.1289 | 0.1442 | 0.1605 | 0.1777 |

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
|        | 0.1956 | 0.2145 | 0.2344 | 0.2549 | 0.2756 |
|        | 0.2968 | 0.3185 | 0.3413 | 0.3650 | 0.3891 |
|        | 0.4134 | 0.4379 | 0.4627 | 0.4878 | 0.5141 |
|        | 0.5412 | 0.5689 | 0.5970 | 0.6255 | 0.6544 |
|        | 0.6839 | 0.7140 | 0.7446 | 0.7764 | 0.8109 |
|        | 0.8462 | 0.8823 | 0.9197 | 0.9594 | 1.0000 |
| Hrad:  |        |        |        |        |        |
|        | 0.0297 | 0.0568 | 0.0839 | 0.1091 | 0.1351 |
|        | 0.1609 | 0.1861 | 0.2105 | 0.2343 | 0.2586 |
|        | 0.2796 | 0.2934 | 0.2963 | 0.3057 | 0.3267 |
|        | 0.3463 | 0.3593 | 0.3787 | 0.3975 | 0.4200 |
|        | 0.4407 | 0.4593 | 0.4797 | 0.5131 | 0.5465 |
|        | 0.5750 | 0.5999 | 0.6041 | 0.6333 | 0.6677 |
|        | 0.7019 | 0.7361 | 0.7701 | 0.7961 | 0.7959 |
|        | 0.8197 | 0.8464 | 0.8751 | 0.9051 | 0.9284 |
|        | 0.9525 | 0.9769 | 0.9958 | 0.9824 | 0.9609 |
|        | 0.9844 | 0.9956 | 0.9898 | 0.9924 | 1.0000 |
| Width: |        |        |        |        |        |
|        | 0.0536 | 0.0756 | 0.0927 | 0.1098 | 0.1247 |
|        | 0.1386 | 0.1523 | 0.1661 | 0.1798 | 0.1928 |
|        | 0.2080 | 0.2289 | 0.2608 | 0.2905 | 0.3100 |
|        | 0.3307 | 0.3587 | 0.3808 | 0.4038 | 0.4231 |
|        | 0.4440 | 0.4671 | 0.4886 | 0.4967 | 0.5043 |
|        | 0.5162 | 0.5309 | 0.5651 | 0.5764 | 0.5827 |
|        | 0.5890 | 0.5950 | 0.6009 | 0.6128 | 0.6460 |
|        | 0.6603 | 0.6722 | 0.6822 | 0.6910 | 0.7049 |
|        | 0.7181 | 0.7309 | 0.7478 | 0.7904 | 0.8439 |
|        | 0.8597 | 0.8863 | 0.9293 | 0.9668 | 1.0000 |

\*\*\*\*\*  
Analysis Options  
\*\*\*\*\*  
Flow Units ..... CMS  
Process Models:  
    Rainfall/Runoff ..... YES  
    RDII ..... NO  
    Snowmelt ..... NO  
    Groundwater ..... NO  
    Flow Routing ..... YES  
    Ponding Allowed ..... NO  
    Water Quality ..... NO  
Infiltration Method ..... CURVE\_NUMBER  
Flow Routing Method ..... DYNWAVE  
Surcharge Method ..... EXTRAN  
Starting Date ..... 04/10/2025 00:00:00  
Ending Date ..... 04/12/2025 00:00:00  
Antecedent Dry Days ..... 0.0  
Report Time Step ..... 00:01:00  
Wet Time Step ..... 00:05:00  
Dry Time Step ..... 00:05:00  
Routing Time Step ..... 5.00 sec  
Variable Time Step ..... YES  
Maximum Trials ..... 8  
Number of Threads ..... 6  
Head Tolerance ..... 0.001500 m

|                            |           |        |
|----------------------------|-----------|--------|
| *****                      | Volume    | Depth  |
| Runoff Quantity Continuity | hectare-m | mm     |
| *****                      | -----     | -----  |
| Total Precipitation .....  | 4.926     | 51.665 |
| Evaporation Loss .....     | 0.000     | 0.000  |
| Infiltration Loss .....    | 3.151     | 33.044 |
| Surface Runoff .....       | 1.656     | 17.371 |
| Final Storage .....        | 0.124     | 1.296  |
| Continuity Error (%) ..... | -0.088    |        |

|                            |           |          |
|----------------------------|-----------|----------|
| *****                      | Volume    | Volume   |
| Flow Routiny Continuity    | hectare-m | 10^6 ltr |
| *****                      | -----     | -----    |
| Dry Weather Inflow .....   | 0.000     | 0.000    |
| Wet Weather Inflow .....   | 1.656     | 16.563   |
| Groundwater Inflow .....   | 0.000     | 0.000    |
| RDII Inflow .....          | 0.000     | 0.000    |
| External Inflow .....      | 0.000     | 0.000    |
| External Outflow .....     | 1.294     | 12.937   |
| Flooding Loss .....        | 0.000     | 0.000    |
| Evaporation Loss .....     | 0.000     | 0.000    |
| Exfiltration Loss .....    | 0.000     | 0.000    |
| Initial Stored Volume .... | 0.326     | 3.257    |
| Final Stored Volume .....  | 0.674     | 6.744    |
| Continuity Error (%) ..... | 0.700     |          |

\*\*\*\*\*  
Highest Continuity Errors  
\*\*\*\*\*  
Node T013042 (5.43%)  
Node T013044 (5.14%)  
Node T016001 (2.41%)  
Node T013037 (1.81%)

\*\*\*\*\*  
Time-Step Critical Elements  
\*\*\*\*\*  
Link PDDC01 (71.73%)  
Link C131 (14.75%)  
Link PD\_IS\_HDPE300 (11.09%)

\*\*\*\*\*  
Highest Flow Instability Indexes  
\*\*\*\*\*  
Link OFC\_CC600 (14)  
Link OFB\_CC700 (3)

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

\*\*\*\*\*  
Routing Time Step Summary  
\*\*\*\*\*  
Minimum Time Step : 0.00 sec  
Average Time Step : 2.54 sec  
Maximum Time Step : 5.00 sec  
% of Time in Steady State : 0.00  
Average Iterations per Step : 2.00  
% of Steps Not Converging : 0.00  
Time Step Frequencies :  
5.000 - 3.155 sec : 50.55 %  
3.155 - 1.991 sec : 5.96 %  
1.991 - 1.256 sec : 2.26 %  
1.256 - 0.792 sec : 39.84 %  
0.792 - 0.500 sec : 1.39 %

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

| Subcatchment | Total<br>Precip<br>mm | Total<br>Runon<br>mm | Total<br>Evap<br>mm | Total<br>Infil<br>mm | Imperv<br>Runoff<br>mm | Perv<br>Runoff<br>mm | Total<br>Runoff<br>mm | Total<br>Runoff<br>10^6 ltr | Peak<br>Runoff<br>CMS | Runoff<br>Coeff |
|--------------|-----------------------|----------------------|---------------------|----------------------|------------------------|----------------------|-----------------------|-----------------------------|-----------------------|-----------------|
| G009005_1    | 48.00                 | 0.00                 | 0.00                | 35.89                | 3.26                   | 7.58                 | 10.84                 | 0.30                        | 0.03                  | 0.226           |
| G009005_2    | 48.00                 | 0.00                 | 0.00                | 35.49                | 3.26                   | 7.98                 | 11.24                 | 0.18                        | 0.02                  | 0.234           |
| G012001      | 48.00                 | 0.00                 | 0.00                | 35.80                | 3.26                   | 7.67                 | 10.93                 | 0.33                        | 0.04                  | 0.228           |
| G013006      | 48.00                 | 0.00                 | 0.00                | 35.60                | 3.26                   | 7.87                 | 11.12                 | 0.11                        | 0.01                  | 0.232           |
| G013007      | 48.00                 | 0.00                 | 0.00                | 35.67                | 3.26                   | 7.80                 | 11.06                 | 0.26                        | 0.03                  | 0.230           |
| G013012      | 48.00                 | 0.00                 | 0.00                | 35.47                | 3.26                   | 8.00                 | 11.26                 | 0.16                        | 0.02                  | 0.235           |
| G013016_1    | 48.00                 | 0.00                 | 0.00                | 35.72                | 3.26                   | 7.76                 | 11.01                 | 0.22                        | 0.03                  | 0.229           |
| G013016_2    | 48.00                 | 0.00                 | 0.00                | 35.49                | 3.26                   | 7.99                 | 11.24                 | 0.17                        | 0.02                  | 0.234           |
| G013024      | 48.00                 | 0.00                 | 0.00                | 35.49                | 3.26                   | 7.98                 | 11.23                 | 0.25                        | 0.03                  | 0.234           |
| G013031      | 48.00                 | 0.00                 | 0.00                | 35.49                | 3.26                   | 7.98                 | 11.24                 | 0.27                        | 0.03                  | 0.234           |
| G013032      | 48.00                 | 0.00                 | 0.00                | 35.41                | 3.26                   | 8.07                 | 11.32                 | 0.19                        | 0.03                  | 0.236           |
| G013033      | 48.00                 | 0.00                 | 0.00                | 35.54                | 3.26                   | 7.95                 | 11.21                 | 0.32                        | 0.04                  | 0.233           |
| G013037      | 48.00                 | 0.00                 | 0.00                | 35.38                | 3.26                   | 8.10                 | 11.36                 | 0.25                        | 0.03                  | 0.237           |
| G013042      | 48.00                 | 0.00                 | 0.00                | 35.52                | 3.26                   | 7.95                 | 11.21                 | 0.16                        | 0.02                  | 0.234           |
| G013043      | 48.00                 | 0.00                 | 0.00                | 35.32                | 3.26                   | 8.16                 | 11.41                 | 0.23                        | 0.03                  | 0.238           |
| G013045      | 48.00                 | 0.00                 | 0.00                | 35.45                | 3.26                   | 8.03                 | 11.29                 | 0.21                        | 0.03                  | 0.235           |
| G014001      | 48.00                 | 0.00                 | 0.00                | 35.76                | 3.26                   | 7.73                 | 10.98                 | 0.37                        | 0.04                  | 0.229           |
| G015001_1    | 48.00                 | 0.00                 | 0.00                | 35.47                | 3.26                   | 8.00                 | 11.25                 | 0.14                        | 0.02                  | 0.234           |
| G015001_2    | 48.00                 | 0.00                 | 0.00                | 35.78                | 3.26                   | 7.69                 | 10.94                 | 0.14                        | 0.02                  | 0.228           |
| G015003_1    | 48.00                 | 0.00                 | 0.00                | 35.54                | 3.26                   | 7.94                 | 11.20                 | 0.18                        | 0.02                  | 0.233           |
| G015003_2    | 48.00                 | 0.00                 | 0.00                | 35.38                | 3.26                   | 8.09                 | 11.35                 | 0.14                        | 0.02                  | 0.236           |
| G016003_1    | 48.00                 | 0.00                 | 0.00                | 35.52                | 3.26                   | 7.97                 | 11.23                 | 0.11                        | 0.01                  | 0.234           |
| G016003_2    | 48.00                 | 0.00                 | 0.00                | 35.69                | 3.26                   | 7.79                 | 11.05                 | 0.18                        | 0.02                  | 0.230           |
| S1           | 48.00                 | 0.00                 | 0.00                | 35.32                | 3.26                   | 8.18                 | 11.43                 | 0.05                        | 0.01                  | 0.238           |
| S1_1         | 48.00                 | 0.00                 | 0.00                | 35.34                | 3.26                   | 8.14                 | 11.40                 | 0.02                        | 0.00                  | 0.238           |
| S1_10        | 48.00                 | 0.00                 | 0.00                | 35.27                | 3.26                   | 8.22                 | 11.48                 | 0.01                        | 0.00                  | 0.239           |
| S1_2         | 48.00                 | 0.00                 | 0.00                | 35.18                | 3.26                   | 8.31                 | 11.57                 | 0.02                        | 0.00                  | 0.241           |
| S1_3         | 48.00                 | 0.00                 | 0.00                | 35.69                | 3.26                   | 7.78                 | 11.04                 | 0.08                        | 0.01                  | 0.230           |
| S1_4         | 48.00                 | 0.00                 | 0.00                | 35.69                | 3.26                   | 7.79                 | 11.05                 | 0.05                        | 0.01                  | 0.230           |
| S1_5         | 48.00                 | 0.00                 | 0.00                | 35.43                | 3.26                   | 8.06                 | 11.31                 | 0.04                        | 0.00                  | 0.236           |
| S1_6         | 48.00                 | 0.00                 | 0.00                | 35.43                | 3.26                   | 8.06                 | 11.31                 | 0.03                        | 0.00                  | 0.236           |
| S1_7         | 48.00                 | 0.00                 | 0.00                | 35.49                | 3.26                   | 7.98                 | 11.24                 | 0.05                        | 0.01                  | 0.234           |
| S1_8         | 48.00                 | 0.00                 | 0.00                | 35.69                | 3.26                   | 7.78                 | 11.04                 | 0.03                        | 0.00                  | 0.230           |
| S10          | 48.00                 | 0.00                 | 0.00                | 35.25                | 3.26                   | 8.23                 | 11.49                 | 0.10                        | 0.01                  | 0.239           |
| S101_2       | 48.00                 | 0.00                 | 0.00                | 35.49                | 3.26                   | 7.99                 | 11.25                 | 0.12                        | 0.01                  | 0.234           |
| S102         | 48.00                 | 0.00                 | 0.00                | 35.47                | 3.26                   | 8.00                 | 11.26                 | 0.10                        | 0.01                  | 0.235           |
| S11          | 48.00                 | 0.00                 | 0.00                | 35.58                | 3.26                   | 7.91                 | 11.16                 | 0.12                        | 0.02                  | 0.233           |
| S112         | 48.00                 | 0.00                 | 0.00                | 35.36                | 3.26                   | 8.12                 | 11.38                 | 0.06                        | 0.01                  | 0.237           |
| S113         | 48.00                 | 0.00                 | 0.00                | 35.38                | 3.26                   | 8.11                 | 11.37                 | 0.07                        | 0.01                  | 0.237           |
| S115_2       | 48.00                 | 0.00                 | 0.00                | 5.28                 | 37.39                  | 3.95                 | 41.33                 | 0.00                        | 0.00                  | 0.861           |
| S130         | 48.00                 | 0.00                 | 0.00                | 35.32                | 3.26                   | 8.17                 | 11.43                 | 0.07                        | 0.01                  | 0.238           |
| S132         | 48.00                 | 0.00                 | 0.00                | 35.54                | 3.26                   | 7.94                 | 11.20                 | 0.13                        | 0.02                  | 0.233           |
| S137         | 48.00                 | 0.00                 | 0.00                | 35.76                | 3.26                   | 7.72                 | 10.98                 | 0.24                        | 0.03                  | 0.229           |
| S15_4        | 48.00                 | 0.00                 | 0.00                | 35.18                | 3.26                   | 8.32                 | 11.57                 | 0.02                        | 0.00                  | 0.241           |
| S16          | 48.00                 | 0.00                 | 0.00                | 35.38                | 3.26                   | 8.10                 | 11.36                 | 0.07                        | 0.01                  | 0.237           |
| S18          | 48.00                 | 0.00                 | 0.00                | 35.32                | 3.26                   | 8.17                 | 11.43                 | 0.06                        | 0.01                  | 0.238           |
| S19          | 48.00                 | 0.00                 | 0.00                | 35.32                | 3.26                   | 8.16                 | 11.41                 | 0.07                        | 0.01                  | 0.238           |
| S2           | 48.00                 | 0.00                 | 0.00                | 35.32                | 3.26                   | 8.18                 | 11.43                 | 0.05                        | 0.01                  | 0.238           |
| S2_13        | 48.00                 | 0.00                 | 0.00                | 5.28                 | 37.21                  | 4.05                 | 41.25                 | 0.01                        | 0.00                  | 0.859           |
| S2_14        | 48.00                 | 0.00                 | 0.00                | 5.28                 | 37.21                  | 4.05                 | 41.25                 | 0.01                        | 0.00                  | 0.859           |
| S2_15        | 48.00                 | 0.00                 | 0.00                | 35.65                | 3.26                   | 7.83                 | 11.08                 | 0.02                        | 0.00                  | 0.231           |
| S2_16        | 48.00                 | 7.06                 | 0.00                | 35.47                | 3.75                   | 14.58                | 18.33                 | 0.10                        | 0.02                  | 0.333           |
| S2_18        | 48.00                 | 0.00                 | 0.00                | 35.12                | 3.26                   | 8.40                 | 11.66                 | 0.02                        | 0.00                  | 0.243           |
| S2_19        | 48.00                 | 0.00                 | 0.00                | 35.07                | 3.26                   | 8.46                 | 11.72                 | 0.01                        | 0.00                  | 0.244           |
| S2_20        | 48.00                 | 0.00                 | 0.00                | 35.12                | 3.26                   | 8.39                 | 11.65                 | 0.02                        | 0.00                  | 0.243           |
| S2_22        | 48.00                 | 0.00                 | 0.00                | 35.80                | 3.26                   | 7.68                 | 10.94                 | 0.01                        | 0.00                  | 0.228           |
| S2_23        | 48.00                 | 0.00                 | 0.00                | 35.41                | 3.26                   | 8.08                 | 11.34                 | 0.04                        | 0.00                  | 0.236           |
| S2_24        | 48.00                 | 0.00                 | 0.00                | 35.78                | 3.26                   | 7.69                 | 10.95                 | 0.00                        | 0.00                  | 0.228           |
| S2_25        | 48.00                 | 0.00                 | 0.00                | 35.60                | 3.26                   | 7.88                 | 11.14                 | 0.00                        | 0.00                  | 0.232           |
| S2_26        | 48.00                 | 0.00                 | 0.00                | 35.85                | 3.26                   | 7.62                 | 10.88                 | 0.00                        | 0.00                  | 0.227           |
| S2_30        | 48.00                 | 0.00                 | 0.00                | 5.28                 | 37.21                  | 4.05                 | 41.25                 | 0.01                        | 0.00                  | 0.859           |
| S2_31        | 48.00                 | 0.00                 | 0.00                | 5.28                 | 37.21                  | 4.05                 | 41.25                 | 0.01                        | 0.00                  | 0.859           |
| S2_32        | 48.00                 | 0.00                 | 0.00                | 5.28                 | 37.21                  | 4.05                 | 41.25                 | 0.01                        | 0.00                  | 0.859           |
| S2_34        | 48.00                 | 0.00                 | 0.00                | 5.28                 | 37.21                  | 4.05                 | 41.25                 | 0.01                        | 0.00                  | 0.859           |

|        |        |      |      |       |        |       |        |      |      |       |
|--------|--------|------|------|-------|--------|-------|--------|------|------|-------|
| S2_35  | 48.00  | 0.00 | 0.00 | 5.28  | 37.21  | 4.05  | 41.25  | 0.01 | 0.00 | 0.859 |
| S2_36  | 48.00  | 0.00 | 0.00 | 5.28  | 37.23  | 4.03  | 41.27  | 0.02 | 0.01 | 0.860 |
| S2_37  | 48.00  | 0.00 | 0.00 | 5.28  | 37.21  | 4.05  | 41.25  | 0.01 | 0.00 | 0.859 |
| S2_38  | 48.00  | 0.00 | 0.00 | 5.28  | 37.21  | 4.05  | 41.25  | 0.01 | 0.00 | 0.859 |
| S2_39  | 48.00  | 0.00 | 0.00 | 5.28  | 37.21  | 4.05  | 41.25  | 0.01 | 0.01 | 0.859 |
| S2_4   | 48.00  | 0.00 | 0.00 | 5.28  | 37.37  | 3.90  | 41.27  | 0.01 | 0.00 | 0.860 |
| S2_40  | 48.00  | 0.00 | 0.00 | 5.28  | 37.21  | 4.05  | 41.25  | 0.01 | 0.00 | 0.859 |
| S2_41  | 48.00  | 0.00 | 0.00 | 5.28  | 37.21  | 4.05  | 41.25  | 0.01 | 0.00 | 0.859 |
| S20_1  | 103.50 | 0.00 | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.61 | 0.21 | 0.990 |
| S20_10 | 103.50 | 0.00 | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.61 | 0.21 | 0.990 |
| S20_11 | 103.50 | 0.00 | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.74 | 0.26 | 0.990 |
| S20_12 | 48.00  | 0.00 | 0.00 | 5.28  | 37.37  | 3.91  | 41.29  | 0.02 | 0.01 | 0.860 |
| S20_13 | 103.50 | 0.00 | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.81 | 0.28 | 0.990 |
| S20_2  | 103.50 | 0.00 | 0.00 | 6.80  | 81.98  | 13.44 | 95.43  | 0.12 | 0.04 | 0.922 |
| S20_3  | 103.50 | 0.00 | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 1.04 | 0.36 | 0.990 |
| S20_6  | 103.50 | 0.00 | 0.00 | 6.80  | 81.98  | 13.44 | 95.43  | 0.10 | 0.04 | 0.922 |
| S20_7  | 103.50 | 0.00 | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.16 | 0.05 | 0.990 |
| S20_8  | 103.50 | 0.00 | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.79 | 0.27 | 0.990 |
| S20_9  | 103.50 | 0.00 | 0.00 | 0.00  | 102.50 | 0.00  | 102.50 | 0.62 | 0.21 | 0.990 |
| S22_4  | 48.00  | 0.00 | 0.00 | 5.28  | 37.36  | 3.97  | 41.34  | 0.01 | 0.01 | 0.861 |
| S22_5  | 48.00  | 0.00 | 0.00 | 5.28  | 37.36  | 3.97  | 41.34  | 0.02 | 0.01 | 0.861 |
| S23    | 48.00  | 0.00 | 0.00 | 35.80 | 3.26   | 7.66  | 10.92  | 0.27 | 0.03 | 0.228 |
| S25    | 48.00  | 0.00 | 0.00 | 35.60 | 3.26   | 7.87  | 11.12  | 0.14 | 0.02 | 0.232 |
| S29    | 48.00  | 0.00 | 0.00 | 35.38 | 3.26   | 8.09  | 11.35  | 0.06 | 0.01 | 0.236 |
| S3     | 48.00  | 6.83 | 0.00 | 35.98 | 3.74   | 13.85 | 17.58  | 0.23 | 0.02 | 0.321 |
| S33    | 48.00  | 0.00 | 0.00 | 35.63 | 3.26   | 7.86  | 11.11  | 0.15 | 0.02 | 0.232 |
| S34    | 48.00  | 0.00 | 0.00 | 35.43 | 3.26   | 8.06  | 11.32  | 0.17 | 0.02 | 0.236 |
| S36    | 48.00  | 0.00 | 0.00 | 35.43 | 3.26   | 8.06  | 11.32  | 0.16 | 0.02 | 0.236 |
| S37_2  | 48.00  | 0.00 | 0.00 | 35.52 | 3.26   | 7.96  | 11.22  | 0.14 | 0.02 | 0.234 |
| S4     | 48.00  | 0.00 | 0.00 | 35.34 | 3.26   | 8.14  | 11.40  | 0.02 | 0.00 | 0.237 |
| S44_3  | 48.00  | 0.00 | 0.00 | 35.38 | 3.26   | 8.11  | 11.36  | 0.08 | 0.01 | 0.237 |
| S45    | 48.00  | 0.00 | 0.00 | 35.21 | 3.26   | 8.29  | 11.54  | 0.05 | 0.01 | 0.240 |
| S48_1  | 48.00  | 0.00 | 0.00 | 35.52 | 3.26   | 7.95  | 11.21  | 0.14 | 0.02 | 0.234 |
| S5     | 48.00  | 0.00 | 0.00 | 35.41 | 3.26   | 8.08  | 11.34  | 0.30 | 0.04 | 0.236 |
| S51    | 48.00  | 0.00 | 0.00 | 35.63 | 3.26   | 7.85  | 11.11  | 0.16 | 0.02 | 0.231 |
| S54    | 48.00  | 0.00 | 0.00 | 35.32 | 3.26   | 8.18  | 11.43  | 0.07 | 0.01 | 0.238 |
| S56_1  | 48.00  | 0.00 | 0.00 | 35.12 | 3.26   | 8.39  | 11.65  | 0.03 | 0.01 | 0.243 |
| S6     | 48.00  | 0.00 | 0.00 | 35.41 | 3.26   | 8.09  | 11.34  | 0.09 | 0.01 | 0.236 |
| S61    | 48.00  | 0.00 | 0.00 | 35.74 | 3.26   | 7.74  | 10.99  | 0.09 | 0.01 | 0.229 |
| S63_2  | 48.00  | 0.00 | 0.00 | 35.32 | 3.26   | 8.18  | 11.43  | 0.04 | 0.01 | 0.238 |
| S63_3  | 48.00  | 0.00 | 0.00 | 35.21 | 3.26   | 8.28  | 11.54  | 0.04 | 0.01 | 0.240 |
| S65    | 48.00  | 0.00 | 0.00 | 35.89 | 3.26   | 7.59  | 10.85  | 0.10 | 0.01 | 0.226 |
| S69    | 48.00  | 0.00 | 0.00 | 35.74 | 3.26   | 7.74  | 11.00  | 0.14 | 0.02 | 0.229 |
| S7     | 103.50 | 0.00 | 0.00 | 6.80  | 81.97  | 13.45 | 95.42  | 0.47 | 0.17 | 0.922 |
| S76_3  | 48.00  | 0.00 | 0.00 | 35.41 | 3.26   | 8.07  | 11.33  | 0.09 | 0.01 | 0.236 |
| S77    | 48.00  | 0.00 | 0.00 | 35.45 | 3.26   | 8.04  | 11.29  | 0.06 | 0.01 | 0.235 |
| S8     | 103.50 | 0.00 | 0.00 | 6.80  | 81.98  | 13.44 | 95.42  | 0.30 | 0.11 | 0.922 |
| S80_3  | 48.00  | 0.00 | 0.00 | 5.28  | 37.39  | 3.93  | 41.32  | 0.01 | 0.00 | 0.861 |
| S88_2  | 48.00  | 0.00 | 0.00 | 35.56 | 3.26   | 7.93  | 11.18  | 0.11 | 0.01 | 0.233 |
| S88_3  | 48.00  | 0.00 | 0.00 | 5.28  | 37.39  | 3.95  | 41.33  | 0.03 | 0.01 | 0.861 |
| S9_1   | 48.00  | 0.00 | 0.00 | 35.18 | 3.26   | 8.33  | 11.58  | 0.04 | 0.01 | 0.241 |
| S9_10  | 48.00  | 0.00 | 0.00 | 5.28  | 37.21  | 4.05  | 41.25  | 0.01 | 0.00 | 0.859 |
| S9_2   | 48.00  | 0.00 | 0.00 | 35.32 | 3.26   | 8.18  | 11.43  | 0.02 | 0.00 | 0.238 |
| S9_3   | 48.00  | 0.00 | 0.00 | 35.32 | 3.26   | 8.18  | 11.43  | 0.03 | 0.00 | 0.238 |
| S9_4   | 48.00  | 7.91 | 0.00 | 35.18 | 3.81   | 15.75 | 19.56  | 0.03 | 0.01 | 0.350 |
| S9_5   | 48.00  | 0.00 | 0.00 | 35.25 | 3.26   | 8.25  | 11.50  | 0.03 | 0.01 | 0.240 |
| S9_6   | 48.00  | 6.14 | 0.00 | 35.58 | 3.69   | 13.63 | 17.31  | 0.04 | 0.01 | 0.320 |
| S9_7   | 48.00  | 9.48 | 0.00 | 35.78 | 3.92   | 16.52 | 20.44  | 0.03 | 0.00 | 0.356 |
| S9_8   | 48.00  | 0.00 | 0.00 | 5.28  | 37.21  | 4.05  | 41.25  | 0.01 | 0.00 | 0.859 |
| S9_9   | 48.00  | 0.00 | 0.00 | 5.28  | 37.21  | 4.05  | 41.25  | 0.02 | 0.01 | 0.859 |
| S90    | 48.00  | 0.00 | 0.00 | 35.54 | 3.26   | 7.95  | 11.20  | 0.06 | 0.01 | 0.233 |
| S91_1  | 48.00  | 0.00 | 0.00 | 5.28  | 37.39  | 3.94  | 41.33  | 0.02 | 0.01 | 0.861 |
| S91_2  | 48.00  | 0.00 | 0.00 | 35.21 | 3.26   | 8.29  | 11.55  | 0.03 | 0.00 | 0.241 |
| S92    | 48.00  | 0.00 | 0.00 | 35.47 | 3.26   | 8.01  | 11.26  | 0.08 | 0.01 | 0.235 |

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Node Depth Summary  
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| Node  | Type     | Average | Maximum | Maximum | Time of Max |        | Reported  |
|-------|----------|---------|---------|---------|-------------|--------|-----------|
|       |          | Depth   | Depth   | HGL     | Occurrence  |        | Max Depth |
|       |          | Meters  | Meters  | Meters  | days        | hr:min | Meters    |
| 16017 | JUNCTION | 0.11    | 0.33    | 93.76   | 0           | 14:32  | 0.33      |
| 16094 | JUNCTION | 0.00    | 0.00    | 92.18   | 0           | 00:00  | 0.00      |
| 16130 | JUNCTION | 0.11    | 0.34    | 93.76   | 0           | 14:34  | 0.34      |
| 25010 | JUNCTION | 0.02    | 0.08    | 94.48   | 0           | 12:16  | 0.08      |
| 25025 | JUNCTION | 0.03    | 0.13    | 94.77   | 0           | 12:15  | 0.13      |
| 26419 | JUNCTION | 0.00    | 0.00    | 94.00   | 0           | 00:00  | 0.00      |
| 26456 | JUNCTION | 0.12    | 0.23    | 94.46   | 0           | 12:16  | 0.23      |
| 26578 | JUNCTION | 0.00    | 0.00    | 95.36   | 0           | 00:00  | 0.00      |
| DDJ01 | JUNCTION | 0.02    | 0.09    | 100.47  | 0           | 13:49  | 0.09      |
| DDJ02 | JUNCTION | 0.03    | 0.13    | 100.16  | 0           | 12:06  | 0.13      |
| DDJ03 | JUNCTION | 0.03    | 0.13    | 100.04  | 0           | 12:06  | 0.13      |
| DDJ04 | JUNCTION | 0.03    | 0.13    | 99.82   | 0           | 12:08  | 0.13      |
| DDJ05 | JUNCTION | 0.04    | 0.14    | 99.52   | 0           | 12:09  | 0.14      |
| DDJ06 | JUNCTION | 0.03    | 0.11    | 99.33   | 0           | 12:12  | 0.11      |
| DDJ07 | JUNCTION | 0.03    | 0.12    | 98.50   | 0           | 12:13  | 0.12      |
| DDJ08 | JUNCTION | 0.03    | 0.12    | 98.14   | 0           | 12:15  | 0.12      |
| DDJ09 | JUNCTION | 0.03    | 0.13    | 97.98   | 0           | 12:16  | 0.13      |
| DDJ10 | JUNCTION | 0.03    | 0.11    | 97.80   | 0           | 12:17  | 0.11      |
| DDJ11 | JUNCTION | 0.03    | 0.11    | 97.57   | 0           | 12:17  | 0.11      |
| DDJ12 | JUNCTION | 0.03    | 0.14    | 97.41   | 0           | 12:17  | 0.14      |
| DDJ13 | JUNCTION | 0.03    | 0.11    | 97.14   | 0           | 12:19  | 0.11      |
| DDJ14 | JUNCTION | 0.03    | 0.12    | 96.39   | 0           | 12:23  | 0.12      |
| J101  | JUNCTION | 0.02    | 0.07    | 99.13   | 0           | 12:13  | 0.07      |
| J117  | JUNCTION | 0.04    | 0.12    | 100.57  | 0           | 12:04  | 0.12      |
| J14   | JUNCTION | 0.04    | 0.13    | 92.19   | 0           | 12:33  | 0.13      |
| J152  | JUNCTION | 0.00    | 0.04    | 102.63  | 0           | 12:00  | 0.04      |
| J160  | JUNCTION | 0.01    | 0.05    | 103.59  | 0           | 12:00  | 0.05      |
| J17   | JUNCTION | 0.05    | 0.18    | 92.91   | 0           | 12:33  | 0.18      |

|         |          |      |      |        |   |       |      |
|---------|----------|------|------|--------|---|-------|------|
| J2      | JUNCTION | 0.06 | 0.26 | 93.76  | 0 | 14:36 | 0.26 |
| J24     | JUNCTION | 0.00 | 0.00 | 96.89  | 0 | 00:00 | 0.00 |
| J253    | JUNCTION | 0.01 | 0.06 | 102.25 | 0 | 12:02 | 0.06 |
| J259    | JUNCTION | 0.01 | 0.08 | 99.40  | 0 | 12:11 | 0.08 |
| J26     | JUNCTION | 0.03 | 0.32 | 98.23  | 0 | 12:00 | 0.32 |
| J274    | JUNCTION | 0.03 | 0.09 | 91.47  | 0 | 12:33 | 0.09 |
| J276    | JUNCTION | 0.02 | 0.08 | 96.34  | 0 | 12:04 | 0.08 |
| J28     | JUNCTION | 0.01 | 0.08 | 100.40 | 0 | 12:03 | 0.08 |
| J29     | JUNCTION | 0.03 | 0.22 | 101.27 | 0 | 12:01 | 0.22 |
| J3      | JUNCTION | 0.01 | 0.06 | 102.36 | 0 | 12:00 | 0.06 |
| J30     | JUNCTION | 0.02 | 0.17 | 101.47 | 0 | 12:00 | 0.17 |
| J31     | JUNCTION | 0.01 | 0.11 | 101.92 | 0 | 12:00 | 0.11 |
| J32     | JUNCTION | 0.01 | 0.08 | 102.16 | 0 | 12:00 | 0.08 |
| J33     | JUNCTION | 0.04 | 0.17 | 95.06  | 0 | 12:30 | 0.17 |
| J34     | JUNCTION | 0.00 | 0.05 | 102.55 | 0 | 12:00 | 0.05 |
| J35     | JUNCTION | 0.09 | 0.26 | 95.03  | 0 | 12:31 | 0.26 |
| J36     | JUNCTION | 0.01 | 0.03 | 94.55  | 0 | 12:16 | 0.03 |
| J38     | JUNCTION | 0.94 | 1.29 | 97.99  | 0 | 20:26 | 1.29 |
| J39     | JUNCTION | 0.30 | 0.65 | 98.17  | 0 | 12:00 | 0.65 |
| J43     | JUNCTION | 0.03 | 0.12 | 94.93  | 0 | 12:32 | 0.12 |
| J46     | JUNCTION | 0.00 | 0.04 | 98.28  | 0 | 12:00 | 0.04 |
| J47     | JUNCTION | 0.54 | 0.81 | 98.02  | 0 | 20:27 | 0.81 |
| J48     | JUNCTION | 0.01 | 0.18 | 98.46  | 0 | 12:00 | 0.18 |
| J49     | JUNCTION | 0.01 | 0.11 | 101.11 | 0 | 12:00 | 0.11 |
| J5      | JUNCTION | 0.02 | 0.12 | 91.92  | 0 | 12:33 | 0.12 |
| J50     | JUNCTION | 0.01 | 0.33 | 99.16  | 0 | 12:00 | 0.33 |
| J51     | JUNCTION | 0.04 | 0.86 | 99.16  | 0 | 12:00 | 0.86 |
| J52     | JUNCTION | 0.01 | 0.17 | 100.17 | 0 | 12:00 | 0.17 |
| J53     | JUNCTION | 0.00 | 0.03 | 97.14  | 0 | 12:00 | 0.03 |
| J54     | JUNCTION | 0.02 | 0.38 | 99.47  | 0 | 12:00 | 0.38 |
| J55     | JUNCTION | 0.01 | 0.53 | 99.16  | 0 | 12:00 | 0.53 |
| J56     | JUNCTION | 0.23 | 0.60 | 98.20  | 0 | 12:00 | 0.60 |
| J58     | JUNCTION | 0.00 | 0.02 | 99.60  | 0 | 12:00 | 0.02 |
| J59     | JUNCTION | 0.00 | 0.03 | 99.13  | 0 | 12:00 | 0.03 |
| J60     | JUNCTION | 0.00 | 0.05 | 98.56  | 0 | 12:00 | 0.05 |
| J61     | JUNCTION | 0.01 | 0.10 | 98.41  | 0 | 12:00 | 0.10 |
| J62     | JUNCTION | 0.00 | 0.03 | 102.03 | 0 | 12:00 | 0.03 |
| J63     | JUNCTION | 0.01 | 0.06 | 99.66  | 0 | 12:00 | 0.06 |
| J64     | JUNCTION | 0.03 | 0.10 | 97.60  | 0 | 12:01 | 0.10 |
| J65     | JUNCTION | 0.01 | 0.06 | 99.21  | 0 | 12:00 | 0.06 |
| J66     | JUNCTION | 0.01 | 0.05 | 98.45  | 0 | 12:01 | 0.05 |
| J67     | JUNCTION | 0.01 | 0.08 | 96.08  | 0 | 12:01 | 0.08 |
| J68     | JUNCTION | 0.02 | 0.15 | 95.00  | 0 | 12:02 | 0.15 |
| J69     | JUNCTION | 0.03 | 0.22 | 94.86  | 0 | 12:03 | 0.22 |
| J70     | JUNCTION | 0.01 | 0.17 | 99.63  | 0 | 12:00 | 0.17 |
| J71     | JUNCTION | 0.01 | 0.23 | 98.24  | 0 | 12:00 | 0.23 |
| J72     | JUNCTION | 0.25 | 0.46 | 98.02  | 0 | 20:27 | 0.46 |
| J73     | JUNCTION | 0.00 | 0.00 | 99.79  | 0 | 00:00 | 0.00 |
| J8      | JUNCTION | 0.04 | 0.15 | 90.66  | 0 | 12:35 | 0.15 |
| J80     | JUNCTION | 0.02 | 0.08 | 98.16  | 0 | 12:18 | 0.08 |
| J87     | JUNCTION | 0.01 | 0.12 | 100.10 | 0 | 12:00 | 0.12 |
| J88     | JUNCTION | 0.01 | 0.11 | 101.71 | 0 | 12:01 | 0.11 |
| J89     | JUNCTION | 0.19 | 0.55 | 98.20  | 0 | 12:00 | 0.55 |
| J9      | JUNCTION | 0.21 | 0.45 | 98.07  | 0 | 12:00 | 0.45 |
| J90     | JUNCTION | 0.00 | 0.00 | 102.50 | 0 | 00:00 | 0.00 |
| J92     | JUNCTION | 0.01 | 0.09 | 98.37  | 0 | 12:16 | 0.09 |
| J93     | JUNCTION | 0.01 | 0.09 | 99.29  | 0 | 12:01 | 0.09 |
| J94     | JUNCTION | 0.08 | 0.41 | 98.23  | 0 | 12:00 | 0.41 |
| PDDJ01  | JUNCTION | 0.09 | 0.11 | 96.78  | 0 | 20:27 | 0.11 |
| PDDJ02  | JUNCTION | 0.09 | 0.11 | 96.76  | 0 | 20:27 | 0.11 |
| PDDJ03  | JUNCTION | 0.09 | 0.11 | 96.72  | 0 | 20:28 | 0.11 |
| PDDJ04  | JUNCTION | 0.09 | 0.11 | 96.63  | 0 | 20:01 | 0.11 |
| PDDJ05  | JUNCTION | 0.09 | 0.11 | 96.41  | 0 | 20:00 | 0.11 |
| PDDJ06  | JUNCTION | 0.12 | 0.14 | 96.32  | 0 | 20:01 | 0.14 |
| PDDJ07  | JUNCTION | 0.06 | 0.09 | 96.14  | 0 | 12:01 | 0.09 |
| PDDJ08  | JUNCTION | 0.08 | 0.13 | 95.63  | 0 | 12:02 | 0.13 |
| PDDJ09  | JUNCTION | 0.10 | 0.16 | 95.45  | 0 | 12:02 | 0.16 |
| PDDJ10  | JUNCTION | 0.05 | 0.10 | 95.25  | 0 | 12:02 | 0.10 |
| PDDJ11  | JUNCTION | 0.08 | 0.17 | 94.47  | 0 | 12:16 | 0.17 |
| T009007 | JUNCTION | 0.00 | 0.00 | 100.64 | 0 | 00:00 | 0.00 |
| T012001 | JUNCTION | 0.01 | 0.03 | 101.03 | 0 | 12:00 | 0.03 |
| T013002 | JUNCTION | 0.02 | 0.08 | 100.72 | 0 | 13:48 | 0.08 |
| T013003 | JUNCTION | 0.03 | 0.07 | 100.89 | 0 | 13:46 | 0.07 |
| T013006 | JUNCTION | 0.02 | 0.06 | 101.41 | 0 | 13:43 | 0.06 |
| T013007 | JUNCTION | 0.03 | 0.08 | 101.74 | 0 | 13:59 | 0.08 |
| T013012 | JUNCTION | 0.03 | 0.07 | 103.54 | 0 | 14:00 | 0.07 |
| T013016 | JUNCTION | 0.07 | 0.14 | 103.59 | 0 | 14:13 | 0.14 |
| T013019 | JUNCTION | 0.02 | 0.05 | 104.50 | 0 | 14:13 | 0.05 |
| T013020 | JUNCTION | 0.04 | 0.08 | 104.86 | 0 | 14:11 | 0.08 |
| T013021 | JUNCTION | 0.01 | 0.04 | 105.16 | 0 | 14:09 | 0.04 |
| T013022 | JUNCTION | 0.04 | 0.10 | 105.55 | 0 | 14:07 | 0.10 |
| T013023 | JUNCTION | 0.03 | 0.07 | 105.86 | 0 | 14:05 | 0.07 |
| T013024 | JUNCTION | 0.02 | 0.07 | 106.19 | 0 | 14:04 | 0.07 |
| T013025 | JUNCTION | 0.02 | 0.06 | 106.35 | 0 | 14:06 | 0.06 |
| T013031 | JUNCTION | 0.02 | 0.05 | 107.37 | 0 | 14:01 | 0.05 |
| T013032 | JUNCTION | 0.02 | 0.07 | 107.78 | 0 | 14:07 | 0.07 |
| T013033 | JUNCTION | 0.02 | 0.05 | 108.31 | 0 | 13:51 | 0.05 |
| T013037 | JUNCTION | 0.02 | 0.06 | 108.60 | 0 | 13:51 | 0.06 |
| T013042 | JUNCTION | 0.04 | 0.08 | 108.60 | 0 | 13:57 | 0.08 |
| T013044 | JUNCTION | 0.03 | 0.07 | 108.60 | 0 | 13:55 | 0.07 |
| T013045 | JUNCTION | 0.03 | 0.06 | 108.60 | 0 | 13:54 | 0.06 |
| T014001 | JUNCTION | 0.03 | 0.09 | 103.57 | 0 | 12:00 | 0.09 |
| T015001 | JUNCTION | 0.02 | 0.06 | 104.60 | 0 | 13:30 | 0.06 |
| T015003 | JUNCTION | 0.02 | 0.05 | 106.19 | 0 | 12:04 | 0.05 |
| T016001 | JUNCTION | 0.02 | 0.05 | 108.67 | 0 | 12:21 | 0.05 |
| T016003 | JUNCTION | 0.02 | 0.06 | 108.83 | 0 | 12:00 | 0.06 |
| T043003 | JUNCTION | 0.02 | 0.07 | 101.24 | 0 | 13:44 | 0.07 |
| OF-A    | OUTFALL  | 0.01 | 0.07 | 91.57  | 0 | 12:33 | 0.07 |
| OF-B    | OUTFALL  | 0.08 | 0.24 | 93.54  | 0 | 14:34 | 0.24 |
| OF-C    | OUTFALL  | 0.09 | 0.17 | 94.32  | 0 | 12:16 | 0.17 |
| OF-EX   | OUTFALL  | 0.02 | 0.08 | 89.70  | 0 | 12:35 | 0.08 |
| SU1     | STORAGE  | 2.16 | 2.52 | 98.02  | 0 | 20:26 | 2.52 |

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Node Inflow Summary  
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| Node   | Type     | Maximum | Maximum | Time of Max |  | Lateral  | Total    | Flow      |
|--------|----------|---------|---------|-------------|--|----------|----------|-----------|
|        |          | Lateral | Total   |             |  | Inflow   | Inflow   | Balance   |
|        |          | Inflow  | Inflow  | Occurrence  |  | Volume   | Volume   | Error     |
|        |          | CMS     | CMS     | days hr:min |  | 10^6 ltr | 10^6 ltr | Percent   |
| 16017  | JUNCTION | 0.018   | 0.046   | 0 12:25     |  | 0.143    | 0.271    | 0.430     |
| 16094  | JUNCTION | 0.000   | 0.000   | 0 00:00     |  | 0        | 0        | 0.000 ltr |
| 16130  | JUNCTION | 0.023   | 0.218   | 0 12:23     |  | 0.172    | 6.22     | 0.280     |
| 25010  | JUNCTION | 0.006   | 0.033   | 0 12:15     |  | 0.0425   | 0.454    | 0.016     |
| 25025  | JUNCTION | 0.010   | 0.051   | 0 12:01     |  | 0.0589   | 0.412    | 0.090     |
| 26419  | JUNCTION | 0.000   | 0.000   | 0 00:00     |  | 0        | 0        | 0.000 ltr |
| 26456  | JUNCTION | 0.000   | 0.074   | 0 12:14     |  | 0        | 3.81     | 0.281     |
| 26578  | JUNCTION | 0.000   | 0.000   | 0 00:00     |  | 0        | 0        | 0.000 ltr |
| DDJ01  | JUNCTION | 0.000   | 0.130   | 0 13:48     |  | 0        | 3.88     | 0.011     |
| DDJ02  | JUNCTION | 0.000   | 0.154   | 0 12:05     |  | 0        | 4.41     | 0.010     |
| DDJ03  | JUNCTION | 0.023   | 0.184   | 0 12:02     |  | 0.176    | 4.92     | 0.037     |
| DDJ04  | JUNCTION | 0.022   | 0.184   | 0 12:07     |  | 0.163    | 5.08     | 0.016     |
| DDJ05  | JUNCTION | 0.013   | 0.187   | 0 12:09     |  | 0.0985   | 5.18     | 0.015     |
| DDJ06  | JUNCTION | 0.007   | 0.190   | 0 12:10     |  | 0.0483   | 5.23     | 0.016     |
| DDJ07  | JUNCTION | 0.013   | 0.194   | 0 12:12     |  | 0.082    | 5.31     | 0.020     |
| DDJ08  | JUNCTION | 0.000   | 0.194   | 0 12:14     |  | 0        | 5.31     | 0.010     |
| DDJ09  | JUNCTION | 0.004   | 0.195   | 0 12:15     |  | 0.0286   | 5.33     | 0.007     |
| DDJ10  | JUNCTION | 0.000   | 0.195   | 0 12:16     |  | 0        | 5.33     | 0.005     |
| DDJ11  | JUNCTION | 0.000   | 0.195   | 0 12:17     |  | 0        | 5.33     | 0.005     |
| DDJ12  | JUNCTION | 0.003   | 0.197   | 0 12:17     |  | 0.0226   | 5.36     | 0.004     |
| DDJ13  | JUNCTION | 0.000   | 0.197   | 0 12:18     |  | 0        | 5.35     | 0.014     |
| DDJ14  | JUNCTION | 0.022   | 0.212   | 0 12:19     |  | 0.139    | 5.63     | -0.058    |
| J101   | JUNCTION | 0.017   | 0.068   | 0 12:12     |  | 0.14     | 0.99     | 0.017     |
| J117   | JUNCTION | 0.017   | 0.071   | 0 12:00     |  | 0.136    | 0.706    | 0.066     |
| J14    | JUNCTION | 0.009   | 0.134   | 0 12:32     |  | 0.0692   | 2.43     | 0.008     |
| J152   | JUNCTION | 0.017   | 0.017   | 0 12:00     |  | 0.133    | 0.133    | -0.011    |
| J160   | JUNCTION | 0.039   | 0.039   | 0 12:00     |  | 0.308    | 0.308    | -0.011    |
| J17    | JUNCTION | 0.018   | 0.130   | 0 12:31     |  | 0.127    | 2.36     | 0.018     |
| J2     | JUNCTION | 0.000   | 0.027   | 0 12:19     |  | 0        | 0.142    | 0.137     |
| J24    | JUNCTION | 0.000   | 0.000   | 0 00:00     |  | 0        | 0        | 0.000 ltr |
| J253   | JUNCTION | 0.018   | 0.070   | 0 12:00     |  | 0.129    | 0.57     | -0.020    |
| J259   | JUNCTION | 0.019   | 0.070   | 0 12:02     |  | 0.146    | 0.851    | 0.073     |
| J26    | JUNCTION | 0.001   | 0.042   | 0 12:00     |  | 0.00794  | 0.177    | 0.019     |
| J274   | JUNCTION | 0.015   | 0.140   | 0 12:32     |  | 0.0954   | 2.53     | 0.002     |
| J276   | JUNCTION | 0.009   | 0.095   | 0 12:01     |  | 0.0517   | 1.46     | 0.014     |
| J28    | JUNCTION | 0.000   | 0.072   | 0 12:02     |  | 0        | 0.525    | 0.002     |
| J29    | JUNCTION | 0.007   | 0.077   | 0 12:00     |  | 0.0197   | 0.525    | 0.004     |
| J3     | JUNCTION | 0.014   | 0.014   | 0 12:00     |  | 0.113    | 0.113    | -0.002    |
| J30    | JUNCTION | 0.037   | 0.073   | 0 12:00     |  | 0.302    | 0.505    | -0.016    |
| J31    | JUNCTION | 0.013   | 0.034   | 0 12:00     |  | 0.0499   | 0.189    | -0.006    |
| J32    | JUNCTION | 0.009   | 0.023   | 0 12:00     |  | 0.0262   | 0.139    | -0.002    |
| J33    | JUNCTION | 0.038   | 0.113   | 0 12:00     |  | 0.294    | 1.76     | 0.056     |
| J34    | JUNCTION | 0.010   | 0.010   | 0 12:00     |  | 0.0501   | 0.0501   | -0.015    |
| J35    | JUNCTION | 0.018   | 0.109   | 0 12:29     |  | 0.151    | 1.91     | 0.177     |
| J36    | JUNCTION | 0.000   | 0.029   | 0 12:15     |  | 0        | 0.411    | 0.003     |
| J38    | JUNCTION | 0.000   | 0.024   | 0 20:24     |  | 0        | 3.16     | 0.032     |
| J39    | JUNCTION | 0.054   | 1.432   | 0 12:00     |  | 0.158    | 4.29     | 0.131     |
| J43    | JUNCTION | 0.041   | 0.122   | 0 12:30     |  | 0.334    | 2.24     | 0.000     |
| J46    | JUNCTION | 0.004   | 0.020   | 0 12:00     |  | 0.0104   | 0.0647   | -0.003    |
| J47    | JUNCTION | 0.208   | 1.843   | 0 12:00     |  | 0.606    | 5.51     | 0.525     |
| J48    | JUNCTION | 0.213   | 0.213   | 0 12:00     |  | 0.622    | 0.622    | -0.055    |
| J49    | JUNCTION | 0.107   | 0.107   | 0 12:00     |  | 0.303    | 0.303    | -0.005    |
| J5     | JUNCTION | 0.041   | 0.041   | 0 12:00     |  | 0.302    | 0.302    | 0.105     |
| J50    | JUNCTION | 0.042   | 0.148   | 0 12:00     |  | 0.119    | 0.422    | 0.038     |
| J51    | JUNCTION | 0.255   | 0.874   | 0 11:59     |  | 0.743    | 2.53     | -0.024    |
| J52    | JUNCTION | 0.165   | 0.165   | 0 12:00     |  | 0.47     | 0.47     | -0.011    |
| J53    | JUNCTION | 0.018   | 0.018   | 0 12:00     |  | 0.141    | 0.141    | -0.041    |
| J54    | JUNCTION | 0.036   | 0.201   | 0 12:00     |  | 0.102    | 0.572    | 0.004     |
| J55    | JUNCTION | 0.272   | 0.472   | 0 12:00     |  | 0.791    | 1.36     | -0.004    |
| J56    | JUNCTION | 0.210   | 0.518   | 0 12:00     |  | 0.612    | 1.6      | 0.126     |
| J58    | JUNCTION | 0.007   | 0.007   | 0 12:00     |  | 0.0198   | 0.0198   | -0.031    |
| J59    | JUNCTION | 0.003   | 0.010   | 0 12:00     |  | 0.0117   | 0.0316   | 0.003     |
| J60    | JUNCTION | 0.004   | 0.014   | 0 12:00     |  | 0.0134   | 0.045    | -0.017    |
| J61    | JUNCTION | 0.003   | 0.017   | 0 12:00     |  | 0.00937  | 0.0544   | 0.031     |
| J62    | JUNCTION | 0.003   | 0.012   | 0 12:00     |  | 0.0233   | 0.0734   | 0.007     |
| J63    | JUNCTION | 0.005   | 0.017   | 0 12:00     |  | 0.0154   | 0.0888   | -0.007    |
| J64    | JUNCTION | 0.030   | 0.089   | 0 12:00     |  | 0.233    | 1.41     | -0.003    |
| J65    | JUNCTION | 0.004   | 0.020   | 0 12:00     |  | 0.0279   | 0.117    | -0.006    |
| J66    | JUNCTION | 0.003   | 0.022   | 0 12:00     |  | 0.0252   | 0.142    | 0.006     |
| J67    | JUNCTION | 0.011   | 0.033   | 0 12:00     |  | 0.0659   | 0.208    | -0.004    |
| J68    | JUNCTION | 0.016   | 0.045   | 0 12:00     |  | 0.097    | 0.305    | -0.017    |
| J69    | JUNCTION | 0.009   | 0.048   | 0 12:00     |  | 0.048    | 0.353    | 0.001     |
| J70    | JUNCTION | 0.000   | 0.165   | 0 12:00     |  | 0        | 0.47     | 0.001     |
| J71    | JUNCTION | 0.018   | 0.038   | 0 12:00     |  | 0.102    | 0.167    | 0.016     |
| J72    | JUNCTION | 0.000   | 0.213   | 0 12:00     |  | 0        | 0.622    | 0.174     |
| J73    | JUNCTION | 0.000   | 0.000   | 0 00:00     |  | 0        | 0        | 0.000 ltr |
| J8     | JUNCTION | 0.016   | 0.146   | 0 12:32     |  | 0.125    | 2.65     | 0.020     |
| J80    | JUNCTION | 0.010   | 0.073   | 0 12:17     |  | 0.0856   | 1.18     | 0.024     |
| J87    | JUNCTION | 0.000   | 0.107   | 0 12:00     |  | 0        | 0.303    | -0.042    |
| J88    | JUNCTION | 0.005   | 0.038   | 0 12:00     |  | 0.0141   | 0.203    | 0.019     |
| J89    | JUNCTION | 0.000   | 0.312   | 0 12:00     |  | 0        | 0.989    | 0.053     |
| J9     | JUNCTION | 0.000   | 0.213   | 0 12:00     |  | 0        | 0.622    | 0.101     |
| J90    | JUNCTION | 0.000   | 0.000   | 0 00:00     |  | 0        | 0        | 0.000 ltr |
| J92    | JUNCTION | 0.012   | 0.071   | 0 12:02     |  | 0.101    | 1.09     | 0.012     |
| J93    | JUNCTION | 0.000   | 0.017   | 0 12:00     |  | 0        | 0.0888   | 0.010     |
| J94    | JUNCTION | 0.279   | 0.316   | 0 12:00     |  | 0.813    | 0.99     | -0.055    |
| PDDJ01 | JUNCTION | 0.000   | 0.024   | 0 20:26     |  | 0        | 3.16     | 0.006     |
| PDDJ02 | JUNCTION | 0.000   | 0.024   | 0 20:26     |  | 0        | 3.16     | 0.045     |
| PDDJ03 | JUNCTION | 0.000   | 0.024   | 0 20:27     |  | 0        | 3.16     | 0.037     |
| PDDJ04 | JUNCTION | 0.002   | 0.024   | 0 20:00     |  | 0.00847  | 3.17     | 0.091     |
| PDDJ05 | JUNCTION | 0.004   | 0.024   | 0 20:00     |  | 0.0193   | 3.18     | 0.116     |
| PDDJ06 | JUNCTION | 0.004   | 0.026   | 0 12:02     |  | 0.0179   | 3.2      | 0.142     |

|         |          |       |       |   |       |        |       |           |
|---------|----------|-------|-------|---|-------|--------|-------|-----------|
| PDDJ07  | JUNCTION | 0.012 | 0.035 | 0 | 12:00 | 0.0654 | 3.26  | 0.062     |
| PDDJ08  | JUNCTION | 0.011 | 0.045 | 0 | 12:00 | 0.0391 | 3.3   | 0.067     |
| PDDJ09  | JUNCTION | 0.006 | 0.050 | 0 | 12:01 | 0.0451 | 3.34  | 0.070     |
| PDDJ10  | JUNCTION | 0.004 | 0.053 | 0 | 12:02 | 0.0247 | 3.36  | 0.030     |
| PDDJ11  | JUNCTION | 0.000 | 0.077 | 0 | 12:04 | 0      | 3.81  | 0.098     |
| T009007 | JUNCTION | 0.000 | 0.000 | 0 | 00:00 | 0      | 0     | 0.000 ltr |
| T012001 | JUNCTION | 0.040 | 0.040 | 0 | 12:00 | 0.334  | 0.334 | -0.295    |
| T013002 | JUNCTION | 0.000 | 0.130 | 0 | 13:46 | 0      | 3.88  | 0.017     |
| T013003 | JUNCTION | 0.000 | 0.130 | 0 | 13:44 | 0      | 3.89  | 0.058     |
| T013006 | JUNCTION | 0.013 | 0.130 | 0 | 13:43 | 0.106  | 3.89  | 0.016     |
| T013007 | JUNCTION | 0.032 | 0.126 | 0 | 13:53 | 0.26   | 3.79  | 0.081     |
| T013012 | JUNCTION | 0.021 | 0.118 | 0 | 13:58 | 0.163  | 3.54  | 0.307     |
| T013016 | JUNCTION | 0.048 | 0.080 | 0 | 14:00 | 0.388  | 2.42  | 0.154     |
| T013019 | JUNCTION | 0.000 | 0.069 | 0 | 14:11 | 0      | 2.04  | 0.225     |
| T013020 | JUNCTION | 0.000 | 0.069 | 0 | 14:09 | 0      | 2.04  | 0.276     |
| T013021 | JUNCTION | 0.000 | 0.069 | 0 | 14:08 | 0      | 2.04  | 0.028     |
| T013022 | JUNCTION | 0.000 | 0.069 | 0 | 14:05 | 0      | 2.04  | 0.091     |
| T013023 | JUNCTION | 0.000 | 0.069 | 0 | 14:04 | 0      | 2.04  | 0.025     |
| T013024 | JUNCTION | 0.032 | 0.069 | 0 | 14:00 | 0.248  | 2.05  | 0.229     |
| T013025 | JUNCTION | 0.000 | 0.062 | 0 | 14:01 | 0      | 1.81  | 0.661     |
| T013031 | JUNCTION | 0.034 | 0.062 | 0 | 14:00 | 0.267  | 1.82  | 0.178     |
| T013032 | JUNCTION | 0.025 | 0.055 | 0 | 13:42 | 0.19   | 1.56  | 0.664     |
| T013033 | JUNCTION | 0.040 | 0.049 | 0 | 13:30 | 0.32   | 1.38  | 0.802     |
| T013037 | JUNCTION | 0.034 | 0.041 | 0 | 12:00 | 0.248  | 1.09  | 1.840     |
| T013042 | JUNCTION | 0.020 | 0.035 | 0 | 12:00 | 0.157  | 0.58  | 5.736     |
| T013044 | JUNCTION | 0.034 | 0.052 | 0 | 12:00 | 0.234  | 0.44  | 5.414     |
| T013045 | JUNCTION | 0.028 | 0.028 | 0 | 12:00 | 0.21   | 0.21  | 1.950     |
| T014001 | JUNCTION | 0.044 | 0.044 | 0 | 12:00 | 0.367  | 0.367 | 0.028     |
| T015001 | JUNCTION | 0.035 | 0.049 | 0 | 12:00 | 0.281  | 0.596 | 0.611     |
| T015003 | JUNCTION | 0.041 | 0.041 | 0 | 12:00 | 0.316  | 0.316 | 0.263     |
| T016001 | JUNCTION | 0.000 | 0.037 | 0 | 12:02 | 0      | 0.296 | 2.467     |
| T016003 | JUNCTION | 0.037 | 0.037 | 0 | 12:00 | 0.297  | 0.297 | 0.304     |
| T043003 | JUNCTION | 0.000 | 0.130 | 0 | 13:43 | 0      | 3.89  | 0.034     |
| OF-A    | OUTFALL  | 0.000 | 0.017 | 0 | 12:33 | 0      | 0.302 | 0.000     |
| OF-B    | OUTFALL  | 0.000 | 0.182 | 0 | 14:34 | 0      | 5.93  | 0.000     |
| OF-C    | OUTFALL  | 0.000 | 0.074 | 0 | 12:16 | 0      | 3.8   | 0.000     |
| OF-EX   | OUTFALL  | 0.023 | 0.156 | 0 | 12:34 | 0.249  | 2.9   | 0.000     |
| SU1     | STORAGE  | 0.357 | 2.200 | 0 | 12:00 | 1.04   | 9.77  | 0.091     |

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

| Node    | Type     | Hours<br>Surcharged | Max. Height           | Min. Depth          |
|---------|----------|---------------------|-----------------------|---------------------|
|         |          |                     | Above Crown<br>Meters | Below Rim<br>Meters |
| T009007 | JUNCTION | 48.00               | 0.000                 | 0.000               |

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Node Flooding Summary  
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No nodes were flooded.

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Storage Volume Summary  
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| Storage Unit | Average<br>Volume | Avg<br>Pcnt | Evap<br>Pcnt | Exfil<br>Pcnt | Maximum<br>Volume | Max<br>Pcnt | Time of Max<br>Occurrence |        | Maximum<br>Outflow |
|--------------|-------------------|-------------|--------------|---------------|-------------------|-------------|---------------------------|--------|--------------------|
|              | 1000 m³           | Full        | Loss         | Loss          | 1000 m³           | Full        | days                      | hr:min | CMS                |
| SU1          | 6.770             | 61.8        | 0.0          | 0.0           | 8.343             | 76.1        | 0                         | 20:26  | 0.024              |

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

| Outfall Node | Flow<br>Freq | Avg<br>Flow | Max<br>Flow | Total<br>Volume |
|--------------|--------------|-------------|-------------|-----------------|
|              | Pcnt         | CMS         | CMS         | 10^6 ltr        |
| OF-A         | 67.48        | 0.003       | 0.017       | 0.302           |
| OF-B         | 92.66        | 0.038       | 0.182       | 5.934           |
| OF-C         | 95.79        | 0.024       | 0.074       | 3.800           |
| OF-EX        | 99.83        | 0.017       | 0.156       | 2.900           |
| System       | 88.94        | 0.082       | 0.347       | 12.937          |

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Link Flow Summary  
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| Link         | Type    | Maximum<br> Flow | Time of Max<br>Occurrence |        | Maximum<br> Veloc | Max/<br>Full<br>Flow | Max/<br>Full<br>Depth |
|--------------|---------|------------------|---------------------------|--------|-------------------|----------------------|-----------------------|
|              |         | CMS              | days                      | hr:min | m/sec             |                      |                       |
| AR02_HDPE450 | CONDUIT | 0.016            | 0                         | 12:00  | 1.05              | 0.06                 | 0.16                  |
| AR1_HDPE600  | CONDUIT | 0.029            | 0                         | 12:15  | 1.22              | 0.05                 | 0.14                  |
| C10          | CONDUIT | 0.016            | 0                         | 12:00  | 0.16              | 0.01                 | 0.08                  |
| C100         | CHANNEL | 0.134            | 0                         | 12:33  | 0.61              | 0.01                 | 0.15                  |
| C101         | CHANNEL | 0.140            | 0                         | 12:33  | 0.52              | 0.01                 | 0.14                  |

|               |         |       |   |       |       |      |      |
|---------------|---------|-------|---|-------|-------|------|------|
| C103          | CHANNEL | 0.145 | 0 | 12:35 | 0.43  | 0.10 | 0.31 |
| C129          | CONDUIT | 0.014 | 0 | 12:00 | 0.16  | 0.01 | 0.15 |
| C130          | CONDUIT | 0.012 | 0 | 12:00 | 0.25  | 0.00 | 0.03 |
| C131          | CONDUIT | 1.844 | 0 | 12:00 | 1.61  | 0.10 | 0.81 |
| C132_1        | CONDUIT | 0.017 | 0 | 12:00 | 0.20  | 0.00 | 0.04 |
| C132_2        | CONDUIT | 0.016 | 0 | 12:01 | 0.19  | 0.01 | 0.07 |
| C133          | CONDUIT | 0.020 | 0 | 12:01 | 0.31  | 0.00 | 0.06 |
| C134          | CONDUIT | 0.022 | 0 | 12:01 | 0.30  | 0.01 | 0.08 |
| C135          | CONDUIT | 0.031 | 0 | 12:01 | 0.23  | 0.01 | 0.11 |
| C136          | CONDUIT | 0.041 | 0 | 12:02 | 0.17  | 0.02 | 0.18 |
| C137          | CONDUIT | 0.045 | 0 | 12:03 | 0.20  | 0.16 | 0.17 |
| C1450_1       | CHANNEL | 0.023 | 0 | 13:30 | 0.16  | 0.00 | 0.09 |
| C20           | CONDUIT | 0.017 | 0 | 12:00 | 0.16  | 0.02 | 0.24 |
| C25_3         | CHANNEL | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.27 |
| C26_1         | CONDUIT | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.11 |
| C26_2         | CONDUIT | 0.013 | 0 | 12:00 | 0.16  | 0.06 | 0.25 |
| C26_5         | CONDUIT | 0.009 | 0 | 12:00 | 0.22  | 0.00 | 0.06 |
| C30           | CONDUIT | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.00 |
| C30_3         | CONDUIT | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.19 |
| C36           | CONDUIT | 0.022 | 0 | 12:00 | 0.18  | 0.05 | 0.22 |
| C45           | CONDUIT | 0.037 | 0 | 12:00 | 0.33  | 0.01 | 0.09 |
| C46_1         | CONDUIT | 0.033 | 0 | 12:00 | 0.24  | 0.05 | 0.21 |
| C46_2         | CONDUIT | 0.037 | 0 | 12:01 | 0.21  | 0.03 | 0.20 |
| C47           | CONDUIT | 0.070 | 0 | 12:00 | 0.26  | 0.08 | 0.32 |
| C50           | CONDUIT | 0.072 | 0 | 12:02 | 0.37  | 0.08 | 0.25 |
| C57           | CHANNEL | 0.058 | 0 | 12:02 | 0.23  | 0.06 | 0.36 |
| C60           | CONDUIT | 0.071 | 0 | 12:03 | 0.22  | 0.02 | 0.15 |
| C70           | CHANNEL | 0.061 | 0 | 12:05 | 0.44  | 0.00 | 0.10 |
| C72           | CONDUIT | 0.007 | 0 | 12:00 | 0.27  | 0.00 | 0.03 |
| C75           | CONDUIT | 0.063 | 0 | 12:11 | 0.38  | 0.01 | 0.08 |
| C80           | CONDUIT | 0.010 | 0 | 12:00 | 0.25  | 0.00 | 0.05 |
| C81           | CHANNEL | 0.068 | 0 | 12:13 | 0.28  | 0.27 | 0.64 |
| C86           | CONDUIT | 0.070 | 0 | 12:17 | 0.38  | 0.01 | 0.08 |
| C87           | CHANNEL | 0.073 | 0 | 12:18 | 0.28  | 0.01 | 0.15 |
| C89           | CHANNEL | 0.088 | 0 | 12:01 | 0.64  | 0.01 | 0.14 |
| C91           | CHANNEL | 0.089 | 0 | 12:04 | 0.30  | 0.01 | 0.15 |
| C93           | CHANNEL | 0.101 | 0 | 12:28 | 0.21  | 0.04 | 0.29 |
| C95           | CHANNEL | 0.108 | 0 | 12:31 | 0.23  | 0.16 | 0.32 |
| C96           | CHANNEL | 0.122 | 0 | 12:32 | 0.41  | 0.00 | 0.15 |
| C99           | CHANNEL | 0.130 | 0 | 12:33 | 0.69  | 0.01 | 0.15 |
| DDC01         | CONDUIT | 0.130 | 0 | 13:49 | 0.51  | 0.02 | 0.16 |
| DDC02         | CONDUIT | 0.153 | 0 | 12:06 | 0.50  | 0.03 | 0.15 |
| DDC03         | CONDUIT | 0.176 | 0 | 12:07 | 0.41  | 0.01 | 0.10 |
| DDC04         | CONDUIT | 0.182 | 0 | 12:09 | 0.40  | 0.01 | 0.10 |
| DDC05         | CONDUIT | 0.187 | 0 | 12:10 | 0.44  | 0.01 | 0.10 |
| DDC06         | CONDUIT | 0.189 | 0 | 12:12 | 0.48  | 0.01 | 0.09 |
| DDC07         | CONDUIT | 0.194 | 0 | 12:14 | 0.48  | 0.01 | 0.09 |
| DDC08         | CONDUIT | 0.194 | 0 | 12:15 | 0.47  | 0.02 | 0.11 |
| DDC09         | CONDUIT | 0.195 | 0 | 12:16 | 0.49  | 0.02 | 0.11 |
| DDC10         | CONDUIT | 0.195 | 0 | 12:17 | 0.55  | 0.02 | 0.11 |
| DDC11         | CONDUIT | 0.195 | 0 | 12:17 | 0.47  | 0.02 | 0.15 |
| DDC12         | CONDUIT | 0.197 | 0 | 12:18 | 0.68  | 0.03 | 0.16 |
| DDC13         | CONDUIT | 0.196 | 0 | 12:19 | 0.67  | 0.02 | 0.11 |
| MDC01         | CONDUIT | 0.165 | 0 | 12:00 | 0.74  | 0.03 | 0.17 |
| MDC02         | CONDUIT | 0.165 | 0 | 12:00 | 0.40  | 0.03 | 0.28 |
| MDC03_HDPE600 | CONDUIT | 0.200 | 0 | 12:00 | 1.11  | 0.12 | 0.60 |
| MDC04         | CONDUIT | 0.474 | 0 | 11:59 | 0.29  | 0.03 | 0.51 |
| MDC05_HDPE900 | CONDUIT | 0.865 | 0 | 12:00 | 1.52  | 0.35 | 0.84 |
| NDC01         | CONDUIT | 0.020 | 0 | 12:00 | 0.22  | 0.01 | 0.29 |
| NDC02         | CONDUIT | 0.041 | 0 | 12:00 | 0.25  | 0.04 | 0.58 |
| NDC03         | CONDUIT | 0.056 | 0 | 12:04 | 0.16  | 0.06 | 0.66 |
| NDC04         | CONDUIT | 0.312 | 0 | 12:00 | 0.38  | 0.24 | 0.73 |
| NDC05         | CONDUIT | 0.313 | 0 | 12:00 | 0.13  | 0.09 | 0.68 |
| NDC06         | CONDUIT | 0.513 | 0 | 12:00 | 0.37  | 0.34 | 0.73 |
| NDC07         | CONDUIT | 1.425 | 0 | 12:00 | 1.04  | 0.23 | 0.53 |
| NDC08         | CONDUIT | 0.214 | 0 | 12:00 | 0.33  | 0.02 | 0.50 |
| NDC09_HDPE600 | CONDUIT | 0.213 | 0 | 12:00 | 1.40  | 0.49 | 0.70 |
| NDC10         | CONDUIT | 0.213 | 0 | 12:00 | 0.45  | 0.05 | 0.38 |
| OFA_CC700     | CONDUIT | 0.017 | 0 | 12:33 | 0.54  | 0.02 | 0.14 |
| OFB_CC700     | CONDUIT | 0.182 | 0 | 14:34 | 1.20  | 0.26 | 0.42 |
| OFC_CC600     | CONDUIT | 0.074 | 0 | 12:16 | 0.89  | 0.22 | 0.33 |
| PD_IS_HDPE300 | CONDUIT | 0.024 | 0 | 20:24 | 0.34  | 0.13 | 1.00 |
| PDDC01        | CONDUIT | 0.024 | 0 | 20:26 | 0.31  | 0.04 | 0.22 |
| PDDC02        | CONDUIT | 0.024 | 0 | 20:27 | 0.31  | 0.04 | 0.19 |
| PDDC03        | CONDUIT | 0.024 | 0 | 20:28 | 0.32  | 0.01 | 0.12 |
| PDDC04        | CONDUIT | 0.024 | 0 | 20:01 | 0.30  | 0.00 | 0.07 |
| PDDC05        | CONDUIT | 0.024 | 0 | 20:00 | 0.25  | 0.00 | 0.08 |
| PDDC06        | CONDUIT | 0.026 | 0 | 12:30 | 0.31  | 0.03 | 0.17 |
| PDDC07        | CONDUIT | 0.035 | 0 | 12:01 | 0.44  | 0.02 | 0.19 |
| PDDC08        | CONDUIT | 0.044 | 0 | 12:02 | 0.38  | 0.02 | 0.19 |
| PDDC09        | CONDUIT | 0.049 | 0 | 12:02 | 0.50  | 0.03 | 0.16 |
| PDDC10        | CONDUIT | 0.053 | 0 | 12:02 | 0.59  | 0.01 | 0.16 |
| PUB_rd_DC01   | CHANNEL | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.05 |
| PUB_rd_DC02   | CHANNEL | 0.029 | 0 | 12:16 | 0.12  | 0.01 | 0.14 |
| PUB_rd_DC03   | CHANNEL | 0.033 | 0 | 12:17 | 0.12  | 0.00 | 0.13 |
| PUB_rd_DC04   | CHANNEL | 0.074 | 0 | 12:14 | 0.16  | 0.01 | 0.22 |
| PUB_rd_DC05   | CHANNEL | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.22 |
| PUB_rd_DC06   | CHANNEL | 0.039 | 0 | 12:24 | 0.08  | 0.00 | 0.19 |
| PUB_rd_DC07   | CHANNEL | 0.027 | 0 | 12:19 | 0.03  | 0.00 | 0.25 |
| PUB_rd_DC08   | CHANNEL | 0.000 | 0 | 00:00 | 0.00  | 0.00 | 0.04 |
| SDC01         | CONDUIT | 0.107 | 0 | 12:00 | 0.76  | 0.01 | 0.11 |
| SDC02         | CONDUIT | 0.106 | 0 | 12:00 | 0.70  | 0.02 | 0.22 |
| SDC03         | CONDUIT | 0.181 | 0 | 12:02 | 0.14  | 0.01 | 0.51 |
| SMC14         | CHANNEL | 0.208 | 0 | 12:23 | 0.44  | 0.02 | 0.33 |
| U012001       | CHANNEL | 0.038 | 0 | 12:00 | 0.15  | 0.00 | 0.10 |
| U013002       | CHANNEL | 0.130 | 0 | 13:48 | 0.31  | 0.00 | 0.04 |
| U013003       | CHANNEL | 0.130 | 0 | 13:46 | 0.25  | 0.00 | 0.05 |
| U013004       | CHANNEL | 0.130 | 0 | 13:44 | 0.27  | 0.00 | 0.04 |
| U013006_2     | CHANNEL | 0.130 | 0 | 13:43 | 0.39  | 0.00 | 0.04 |
| U013007       | CHANNEL | 0.126 | 0 | 13:56 | 0.30  | 0.00 | 0.04 |
| U013008       | CHANNEL | 0.118 | 0 | 14:00 | 19.06 | 0.00 | 0.04 |
| U013015       | CHANNEL | 0.080 | 0 | 14:12 | 0.12  | 0.00 | 0.06 |
| U013019       | CHANNEL | 0.069 | 0 | 14:13 | 0.05  | 0.00 | 0.07 |

|         |         |       |   |       |        |      |      |
|---------|---------|-------|---|-------|--------|------|------|
| U013020 | CHANNEL | 0.069 | 0 | 14:11 | >50.00 | 0.00 | 0.03 |
| U013021 | CHANNEL | 0.069 | 0 | 14:09 | 0.16   | 0.00 | 0.02 |
| U013022 | CHANNEL | 0.069 | 0 | 14:08 | 21.99  | 0.00 | 0.04 |
| U013023 | CHANNEL | 0.069 | 0 | 14:05 | 0.26   | 0.00 | 0.09 |
| U013024 | CHANNEL | 0.069 | 0 | 14:04 | 0.35   | 0.00 | 0.07 |
| U013025 | CHANNEL | 0.061 | 0 | 14:06 | 1.43   | 0.00 | 0.03 |
| U013026 | CHANNEL | 0.062 | 0 | 14:01 | 0.25   | 0.00 | 0.03 |
| U013032 | CHANNEL | 0.053 | 0 | 14:03 | 0.16   | 0.00 | 0.03 |
| U013033 | CHANNEL | 0.049 | 0 | 13:51 | 27.75  | 0.00 | 0.03 |
| U013034 | CHANNEL | 0.038 | 0 | 13:51 | 21.45  | 0.00 | 0.03 |
| U013038 | CHANNEL | 0.019 | 0 | 14:02 | 1.33   | 0.00 | 0.04 |
| U013044 | CHANNEL | 0.017 | 0 | 12:09 | 0.03   | 0.00 | 0.05 |
| U013045 | CHANNEL | 0.020 | 0 | 12:01 | 0.07   | 0.00 | 0.04 |
| U014001 | CHANNEL | 0.043 | 0 | 12:00 | 3.48   | 0.00 | 0.04 |
| U015002 | CHANNEL | 0.017 | 0 | 12:04 | 7.06   | 0.00 | 0.04 |
| U016001 | CHANNEL | 0.016 | 0 | 12:39 | 0.75   | 0.00 | 0.03 |
| U016002 | CHANNEL | 0.037 | 0 | 12:02 | 13.73  | 0.00 | 0.03 |
| OR1     | ORIFICE | 0.024 | 0 | 20:26 |        |      | 1.00 |

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Flow Classification Summary  
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| Conduit       | Adjusted<br>/Actual<br>Length | ----- Fraction of Time in Flow Class ----- |           |             |             |             |            |              |             |               |
|---------------|-------------------------------|--------------------------------------------|-----------|-------------|-------------|-------------|------------|--------------|-------------|---------------|
|               |                               | Dry                                        | Up<br>Dry | Down<br>Dry | Sub<br>Crit | Sup<br>Crit | Up<br>Crit | Down<br>Crit | Norm<br>Ltd | Inlet<br>Ctrl |
| AR02_HDPE450  | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.47        | 0.53        | 0.00       | 0.00         | 0.00        | 0.00          |
| AR1_HDPE600   | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.32        | 0.68        | 0.00       | 0.00         | 0.00        | 0.00          |
| C10           | 1.00                          | 0.00                                       | 0.27      | 0.00        | 0.73        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C100          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.03        | 0.00          |
| C101          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.95        | 0.05        | 0.00       | 0.00         | 0.94        | 0.00          |
| C103          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C129          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C130          | 1.00                          | 0.00                                       | 0.15      | 0.00        | 0.85        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C131          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.93        | 0.01        | 0.00       | 0.06         | 0.18        | 0.00          |
| C132_1        | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| C132_2        | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.01        | 0.00          |
| C133          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.59        | 0.00          |
| C134          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C135          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C136          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C137          | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.30        | 0.00          |
| C1450_1       | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.86        | 0.00          |
| C20           | 1.00                          | 0.00                                       | 0.32      | 0.00        | 0.68        | 0.00        | 0.00       | 0.00         | 0.96        | 0.00          |
| C25_3         | 1.00                          | 0.00                                       | 1.00      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C26_1         | 1.00                          | 0.24                                       | 0.76      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C26_2         | 1.00                          | 0.06                                       | 0.18      | 0.00        | 0.76        | 0.00        | 0.00       | 0.00         | 0.86        | 0.00          |
| C26_5         | 1.00                          | 0.12                                       | 0.15      | 0.00        | 0.73        | 0.00        | 0.00       | 0.00         | 0.07        | 0.00          |
| C30           | 1.00                          | 1.00                                       | 0.00      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C30_3         | 1.00                          | 0.04                                       | 0.96      | 0.00        | 0.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C36           | 1.00                          | 0.00                                       | 0.06      | 0.00        | 0.94        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C45           | 1.00                          | 0.00                                       | 0.24      | 0.00        | 0.76        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| C46_1         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.67        | 0.00          |
| C46_2         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C47           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| C50           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| C57           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C60           | 1.00                          | 0.01                                       | 0.00      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.92        | 0.00          |
| C70           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.60        | 0.40        | 0.00       | 0.00         | 0.00        | 0.00          |
| C72           | 1.00                          | 0.12                                       | 0.21      | 0.00        | 0.67        | 0.00        | 0.00       | 0.00         | 0.67        | 0.00          |
| C75           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| C80           | 1.00                          | 0.00                                       | 0.12      | 0.00        | 0.88        | 0.00        | 0.00       | 0.00         | 0.98        | 0.00          |
| C81           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.07        | 0.00          |
| C86           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| C87           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| C89           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.08        | 0.92        | 0.00       | 0.00         | 0.00        | 0.00          |
| C91           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| C93           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.93        | 0.00          |
| C95           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.06        | 0.00          |
| C96           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.98        | 0.02        | 0.00       | 0.00         | 0.96        | 0.00          |
| C99           | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.97        | 0.03        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC01         | 1.00                          | 0.01                                       | 0.11      | 0.00        | 0.88        | 0.00        | 0.00       | 0.00         | 0.88        | 0.00          |
| DDC02         | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.24        | 0.00          |
| DDC03         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.54        | 0.00          |
| DDC04         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.96        | 0.00          |
| DDC05         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC06         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.96        | 0.00          |
| DDC07         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC08         | 1.00                          | 0.00                                       | 0.02      | 0.00        | 0.98        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| DDC09         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.00        | 0.00          |
| DDC10         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.88        | 0.00          |
| DDC11         | 1.00                          | 0.00                                       | 0.03      | 0.00        | 0.97        | 0.00        | 0.00       | 0.00         | 0.97        | 0.00          |
| DDC12         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.49        | 0.00          |
| DDC13         | 1.00                          | 0.04                                       | 0.00      | 0.00        | 0.00        | 0.00        | 0.00       | 0.96         | 0.00        | 0.00          |
| MDC01         | 1.00                          | 0.00                                       | 0.06      | 0.00        | 0.94        | 0.00        | 0.00       | 0.00         | 0.90        | 0.00          |
| MDC02         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 1.00        | 0.00          |
| MDC03_HDPE600 | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.45        | 0.55        | 0.00       | 0.00         | 0.00        | 0.71          |
| MDC04         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| MDC05_HDPE900 | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.94        | 0.06        | 0.00       | 0.00         | 0.00        | 0.96          |
| NDC01         | 1.00                          | 0.01                                       | 0.24      | 0.00        | 0.69        | 0.00        | 0.00       | 0.06         | 0.75        | 0.00          |
| NDC02         | 1.00                          | 0.00                                       | 0.01      | 0.00        | 0.99        | 0.00        | 0.00       | 0.00         | 0.88        | 0.00          |
| NDC03         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.64        | 0.00          |
| NDC04         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.27        | 0.00          |
| NDC05         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.19        | 0.00          |
| NDC06         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.21        | 0.00          |
| NDC07         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.01        | 0.00          |
| NDC08         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.24        | 0.00          |
| NDC09_HDPE600 | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.76        | 0.24        | 0.00       | 0.00         | 0.00        | 0.03          |
| NDC10         | 1.00                          | 0.00                                       | 0.00      | 0.00        | 1.00        | 0.00        | 0.00       | 0.00         | 0.99        | 0.00          |
| OFA_CC700     | 1.00                          | 0.00                                       | 0.00      | 0.00        | 0.67        | 0.33        | 0.00       | 0.00         | 0.00        | 0.34          |

|               |      |      |      |      |      |      |      |      |      |      |
|---------------|------|------|------|------|------|------|------|------|------|------|
| OFB_CC700     | 1.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.03 | 0.00 | 0.00 | 0.00 | 0.85 |
| OFC_CC600     | 1.00 | 0.03 | 0.00 | 0.00 | 0.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.23 |
| PD_IS_HDPE300 | 1.00 | 0.00 | 0.02 | 0.00 | 0.95 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 |
| PDDC01        | 1.00 | 0.04 | 0.00 | 0.00 | 0.96 | 0.00 | 0.00 | 0.00 | 0.08 | 0.00 |
| PDDC02        | 1.00 | 0.04 | 0.00 | 0.00 | 0.96 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| PDDC03        | 1.00 | 0.00 | 0.04 | 0.00 | 0.96 | 0.00 | 0.00 | 0.00 | 0.90 | 0.00 |
| PDDC04        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00 |
| PDDC05        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00 |
| PDDC06        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 |
| PDDC07        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00 |
| PDDC08        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| PDDC09        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PDDC10        | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00 |
| PUB_rd_DC01   | 1.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PUB_rd_DC02   | 1.00 | 0.00 | 0.02 | 0.00 | 0.98 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00 |
| PUB_rd_DC03   | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.97 | 0.00 |
| PUB_rd_DC04   | 1.00 | 0.00 | 0.00 | 0.00 | 0.98 | 0.02 | 0.00 | 0.00 | 0.83 | 0.00 |
| PUB_rd_DC05   | 1.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PUB_rd_DC06   | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PUB_rd_DC07   | 1.00 | 0.00 | 0.22 | 0.00 | 0.78 | 0.00 | 0.00 | 0.00 | 0.35 | 0.00 |
| PUB_rd_DC08   | 1.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SDC01         | 1.00 | 0.01 | 0.13 | 0.00 | 0.86 | 0.00 | 0.00 | 0.00 | 0.89 | 0.00 |
| SDC02         | 1.00 | 0.00 | 0.01 | 0.00 | 0.99 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| SDC03         | 1.00 | 0.00 | 0.09 | 0.00 | 0.91 | 0.00 | 0.00 | 0.00 | 0.99 | 0.00 |
| SMC14         | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.93 | 0.00 |
| U012001       | 1.00 | 0.00 | 0.22 | 0.00 | 0.78 | 0.00 | 0.00 | 0.00 | 0.97 | 0.00 |
| U013002       | 1.00 | 0.10 | 0.00 | 0.00 | 0.90 | 0.00 | 0.00 | 0.00 | 0.29 | 0.00 |
| U013003       | 1.00 | 0.07 | 0.00 | 0.00 | 0.89 | 0.04 | 0.00 | 0.00 | 0.21 | 0.00 |
| U013004       | 1.00 | 0.01 | 0.00 | 0.00 | 0.97 | 0.02 | 0.00 | 0.00 | 0.86 | 0.00 |
| U013006_2     | 1.00 | 0.00 | 0.00 | 0.00 | 0.89 | 0.11 | 0.00 | 0.00 | 0.89 | 0.00 |
| U013007       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 |
| U013008       | 1.00 | 0.00 | 0.00 | 0.00 | 0.67 | 0.33 | 0.00 | 0.00 | 0.45 | 0.00 |
| U013015       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 |
| U013019       | 1.00 | 0.00 | 0.14 | 0.00 | 0.86 | 0.00 | 0.00 | 0.00 | 0.87 | 0.00 |
| U013020       | 1.00 | 0.04 | 0.00 | 0.00 | 0.44 | 0.51 | 0.00 | 0.00 | 0.00 | 0.00 |
| U013021       | 1.00 | 0.04 | 0.08 | 0.00 | 0.87 | 0.00 | 0.00 | 0.00 | 0.83 | 0.00 |
| U013022       | 1.00 | 0.07 | 0.00 | 0.00 | 0.56 | 0.37 | 0.00 | 0.00 | 0.01 | 0.00 |
| U013023       | 1.00 | 0.02 | 0.00 | 0.00 | 0.98 | 0.00 | 0.00 | 0.00 | 0.79 | 0.00 |
| U013024       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.00 |
| U013025       | 1.00 | 0.00 | 0.07 | 0.00 | 0.90 | 0.03 | 0.00 | 0.00 | 0.43 | 0.00 |
| U013026       | 1.00 | 0.00 | 0.00 | 0.00 | 0.90 | 0.10 | 0.00 | 0.00 | 0.76 | 0.00 |
| U013032       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 |
| U013033       | 1.00 | 0.00 | 0.00 | 0.00 | 0.81 | 0.19 | 0.00 | 0.00 | 0.71 | 0.00 |
| U013034       | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.38 | 0.00 |
| U013038       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 |
| U013044       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| U013045       | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 |
| U014001       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.31 | 0.00 |
| U015002       | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.90 | 0.00 |
| U016001       | 1.00 | 0.00 | 0.02 | 0.00 | 0.97 | 0.00 | 0.00 | 0.00 | 0.82 | 0.00 |
| U016002       | 1.00 | 0.00 | 0.00 | 0.00 | 0.99 | 0.01 | 0.00 | 0.00 | 0.62 | 0.00 |

\*\*\*\*\*  
Conduit Surcharge Summary  
\*\*\*\*\*

| Conduit       | Hours Full |          |          | Hours Above Full |                  |
|---------------|------------|----------|----------|------------------|------------------|
|               | Both Ends  | Upstream | Dnstream | Normal Flow      | Capacity Limited |
| PD_IS_HDPE300 | 37.11      | 37.11    | 47.25    | 0.01             | 0.01             |

Analysis begun on: Thu Jan 22 13:29:57 2026  
Analysis ended on: Thu Jan 22 13:30:02 2026  
Total elapsed time: 00:00:05



## Appendix C: Topographic Survey

SCP 00119883075

N53°08'52"E (REFERENCE BEARING)

4631.193

SCP 00119791051

N45°28'30"W

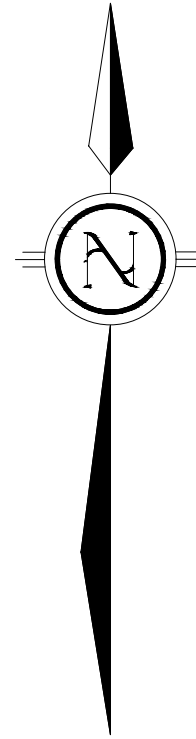
PART 3  
PLAN  
LOT 27,  
5R-544  
CONCESSION 1

PART 1, PLAN 5R-11615  
LOT 27,  
346.12 (P1&M)  
231.68 (P1&M)

NORTHWEST 1/2 LOT 26, CONCESSION 1  
SOUTHEAST 1/2 LOT 26, CONCESSION 1

EAST 1/2 LOT 25, CONCESSION 1  
PIN 04533-0509 (LT)

LOT 26  
LOT 25  
WEST 1/2 LOT 25  
CONCESSION 1  
PIN 04533-0508 (LT)



#### NOTE:

ORIGINAL COPY OF THIS PLAN IS IN COLOUR.

ALL PLANTED MONUMENTS ARE MARKED "1604" UNLESS OTHERWISE NOTED.

#### ELEVATION NOTE:

ELEVATIONS SHOWN HEREON ARE GEODETIC, ARE REFERRED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928 (CGVD28) AND ARE DERIVED FROM VERTICAL CONTROL MONUMENT 00119883075 USING REAL TIME KINEMATIC (RTK) GNSS OBSERVATIONS HAVING AN ELEVATION OF 89.208m.

#### BENCHMARK NOTE:

SITE BENCHMARKS ARE REBAR ORP C HAVING AN ELEVATION OF 99.38m AND REBAR ORP D HAVING AN ELEVATION OF 94.80m AS SHOWN ON THE FACE OF THE PLAN.

#### CAUTION:

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

#### 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    |
|-------------|-------------|------------|
| 00119883075 | 5029791.785 | 339928.191 |
| 00119791051 | 5032669.100 | 343633.651 |
| ORP         | NORTHING    | EASTING    |
| A           | 5028400.46  | 341281.84  |
| B           | 5029185.03  | 340545.09  |
| C           | 5028626.49  | 341054.67  |
| D           | 5028653.62  | 340882.61  |

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 EAST 1/2 LOT 25  
AND PART OF  
THE SOUTHEAST 1/2 LOT 26  
CONCESSION 1  
GEOGRAPIC TOWNSHIP OF MARCH  
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 610mm 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 0.999906.

#### BEARING NOTE:

BEARINGS ARE MTM GRID DERIVED FROM REAL TIME KINEMATIC (RTK) GNSS OBSERVATIONS USING SPECIFIED CONTROL POINTS 00119883075 AND 00119791051 ARE REFERRED TO THE CENTRAL MERIDIAN OF MTM ZONE 9 (76°30' WEST LONGITUDE) NAD83 (CSRS) (2010.0).

#### ROTATION NOTE:

A ROTATION OF 0°20'00" COUNTER CLOCKWISE HAS BEEN APPLIED TO THE ASTRONOMIC BEARINGS OF UNDERLYING PLAN P1 TO ACCOUNT FOR DIFFERENT REFERENCE MERIDIANS.

NO ROTATION HAS BEEN APPLIED TO THE MTM GRID BEARINGS OF UNDERLYING PLAN P2.

#### 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
- SCP DENOTES SPECIFIED CONTROL POINT
- ORP DENOTES OBSERVED REFERENCE POINT
- PIN DENOTES PROPERTY IDENTIFICATION NUMBER
- M DENOTES MEASURED
- S DENOTES SET
- WIT DENOTES WITNESS
- CF DENOTES CALCULATED FROM
- ELEV DENOTES ELEVATION
- BM DENOTES BENCHMARK
- EST. DENOTES ESTABLISHED
- INT. DENOTES INTERSECTION
- 725 DENOTES R.W. ARNETT, O.L.S
- 1227 DENOTES L.E. ROSS, O.L.S
- 1287 DENOTES P.G. SMITH OF FARLEY, SMITH AND MURRAY SURVEYING LTD.
- 1604 DENOTES TULLOCH GEOMATICS INC.
- A06 DENOTES ANNIS O'SULLIVAN VOLLEBEKK LTD., O.L.S
- P DENOTES PLAN ATTACHED TO INSTRUMENT CT189441, BY L.E. ROSS, DATED DECEMBER 21, 1972
- P1 DENOTES PLAN 5R-11615
- P2 DENOTES PLAN 4R-25606
- D2 DENOTES INSTRUMENT MH3280
- D3 DENOTES INSTRUMENT MH3685
- D4 DENOTES INSTRUMENT MH4024
- D5 DENOTES INSTRUMENT MH3272
- D6 DENOTES INSTRUMENT MH3525 & MH3632
- NTS DENOTES NOT TO SCALE

#### TOPOGRAPHIC LEGEND:

- P&W DENOTES POST AND WIRE
- HP DENOTES HYDRO POLE
- HT DENOTES TRANSMISSION LINE TOWER
- HT DENOTES WOOD OUTLINE
- HT DENOTES BOTTOM OF DITCH
- HT DENOTES FENCE LINE
- HT DENOTES OVERHEAD WIRES
- HT DENOTES TREE LINE
- HT DENOTES 1.00m MAJOR CONTOUR LINE
- HT DENOTES 0.2m 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 5th DAY OF MARCH, 2025.

MARCH 11, 2025  
DATE

THOMAS J. CORTENS  
ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-97472.

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## Appendix D: Stormwater Pond Calculation

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

Forebay length Calculation

Stormwater Management Planning and Design Manual - Ontario 2003

|                                                   |                          |                          |
|---------------------------------------------------|--------------------------|--------------------------|
| Settling calculation                              |                          | Source:                  |
| r Length-to-width of forebay                      | 2                        | Design                   |
| Q <sub>p</sub> Peak flow rate during design storm | 0.0002 m <sup>3</sup> /s | IDF                      |
| V <sub>s</sub> Settling velocity                  | 0.0003 m/s               | Design manual            |
| Dist Min Forebay length from settling             | 1.1547 m                 | Eqn 4.5                  |
| Q Inlet flowrate                                  | 0.973 m <sup>3</sup> /s  | Design                   |
| d Depth of permanent pool in forebay              | 1 m                      | Design                   |
| V <sub>f</sub> Desired velocity in forebay        | 0.5 m/s                  | Design                   |
| Dist Min forebay length from dispersion           | 15.568 m                 | Eqn. 4.6                 |
| Provided forebay length                           | 20 m                     | OK, Greater than 15.568m |
| W Min width of deep zone (>1m)                    | 2.5 m                    | Eqn. 4.7                 |
| Provided forebay width                            | 10 m                     | Ok, greater than 2.5m    |
| Check average velocity <.15m/s                    | 0.0973                   | Ok                       |

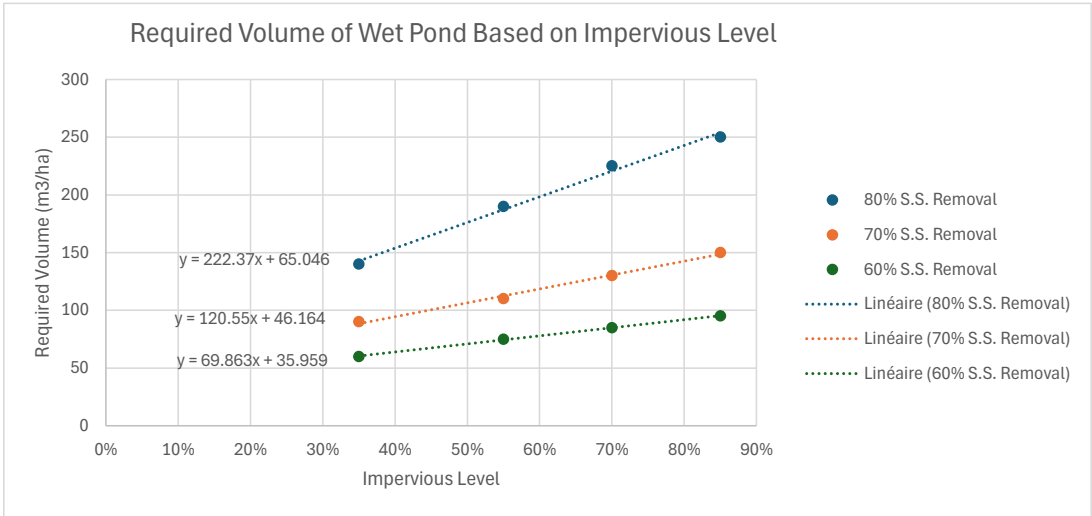
Required Volume of Permanent Pool

Stormwater Management Planning and Design Manual - Ontario 2003

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

Data from Table 3.2 in MOE Guidelines

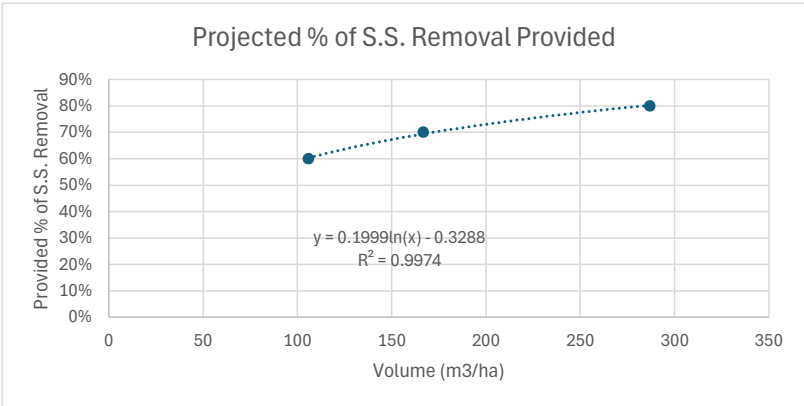
|                                            |     |     |     |     |
|--------------------------------------------|-----|-----|-----|-----|
| Impervious Level                           | 35% | 55% | 70% | 85% |
| Required Volume for 80% SS Removal (m3/ha) | 140 | 190 | 225 | 250 |
| Required Volume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



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

|                                            |           |                         |
|--------------------------------------------|-----------|-------------------------|
| Vreq/A Required Volume for 100% Impervious | 287 m3/ha |                         |
| A Contributing developed area of site      | 6 ha      | Design                  |
| Vreq Required Volume for 100% Impervious   | 1722 m3   |                         |
| V Provided Volume                          | 3256.0 m3 | OK, Greater than 1722m3 |

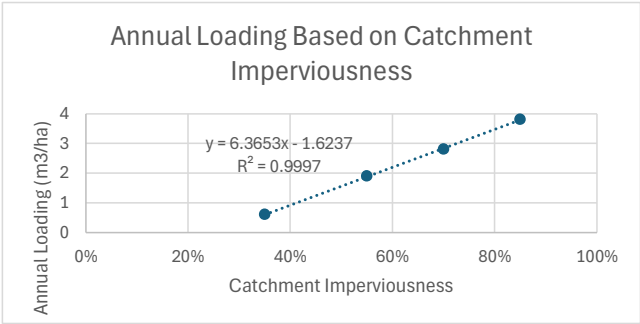
|                                                |         |        |     |  |                               |
|------------------------------------------------|---------|--------|-----|--|-------------------------------|
| Provided S.S. Removal based on 100% Impervious |         |        |     |  |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



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

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

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



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