LEE COUNTY
SOUTHWEST FLORIDA

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Writer's Direct Dial Number:_____

December 27, 2002

Mr. Philip A. Barbaccia, Environmental Administrator
Florida Department of Environmental Protection, South District
P.O. Box 2549
Fort Myers, Florida 33902-2549

Re: Lee County – SW
Lee County Resource Recovery Facility PPSC-PS 90-30
Modification to Conditions of Certification
Proposed Solid Waste Transfer Station
Response to RAI 2 Dated November 26, 2002

Dear Mr. Barbaccia:

Enclosed please find six (6) sets of additional information, which is presented in response to your letter dated November 26, 2002. This response is in a format similar to your letter to clearly identify the additions and/or changes that have been made.

ADDITIONAL INFORMATION

4. Item 2, Site Plan: i) A label indicating the location of the weighing scale after the entrance is provided on Sheet 1/4. The tipping floor will be sloped, with an elevation of approximately 43.0 feet, NGVD. The elevation of 45.0 feet, NGVD, shown previously on Sheets 1/4 and 2/4, has been removed. The total acreage of the property is approximately 280 acres. The acreage of the certified site area is approximately 145 acres. The area of the transfer station including attending roads and storm water management facilities is approximately 24 acres. The transfer station acreage is provided on Sheet 1/4. Revised sheets 1/4, 2/4, and 4/4, signed and sealed on December 26, 2002, are included with this submittal.

5. Item 3.3.1: i) The referenced text found in parentheses in the last sentence of the second paragraph has been revised to read "East Manufacturing, Inc., or equivalent". East Manufacturing, Inc. manufactures transfer-trailers that are often referred to simply as 'East'. The John Deere 644 loader has a bucket capacity of approximately 7 cubic yards and the John Deere 344 loader has a bucket capacity of approximately 3 cubic yards. The facility may also use a John Deere 410G backhoe or equivalent, which can utilize a bucket with an approximate capacity of 1.5 cubic yards. The number of each type of equipment on site is one to two loaders (as described above), one backhoe, three to six tractor-trailers, three to twelve (100 cubic yard) transfer trailers, and one trailer truck. This information has been added to Section 3.3.1 of the Additional Information Narrative.

6. Item 4: (iii): A separate area for the temporary storage of unauthorized hazardous waste inadvertently received will be approximately 500 square feet as shown on Sheet 4/4. This area is discussed in Section 3.15 of the Operations Plan. The non-processible waste storage area is approximately 200 square feet. This information is provided on Sheet 4/4 and in Section 3.6 of the Additional Information Narrative.

14. 3.10 Closure Plan: The statement has been included as required in Section 3.10, Closure Plan, of the Additional Information Narrative.

OPERATIONS PLAN

15. (b) The person responsible for managing/operating the facility on a daily basis is designated as the Transfer Station Operator, where 'Operator' is defined in 62-701.320(15)(f), F.A.C., and will be trained in accordance with 62-701.320(15)(b)2, F.A.C. This person will have the authority to make operating decisions on a daily basis and will have a direct line of communication to the Director of Lee County Solid Waste Division. This information is provided in Section 3.8 of the Operations Plan.

15. (d) A label indicating the location of the weighing scale after the entrance is provided on Sheet 1/4.

15. (f) A list of equipment that will be used with the size and/or capacity of each type is provided in Section 3.7 of the Operations Plan.

15. (h) The operator will inspect loads as the collection vehicles deposit waste onto the tipping floor, as waste is moved to a temporary storage location, and during waste loading into the transfer trailers. Unauthorized wastes and non-processible wastes will be separated and collected as they are identified and will be temporarily stored in the designated areas until removal from the site.

The operator will inspect loads selected at random at a rate of no less than three (3) loads per week. The driver of the selected load will be directed to unload in an area slightly offset from the active tipping area and to remain with the deposited load until the inspection is complete. The operator will spread the load with the loader and then will inspect the load for the presence of unauthorized wastes. This additional inspection information has been provided in Section 3.14 of the Operations Plan.

15. (k) A current letter from the City of Fort Myers is provided in Appendix II of the Operations Plan.

15. (p) The building enclosure will minimize the occurrence of vectors and odors. However, in the rare event that putrescible wastes are stored for more than 48 hours, vectors and odors will be controlled using FDACS (Chapter 5E-2, F.A.C.)

approved pesticides and odor control agents such as Odo-Ban, or equivalent, as necessary. This information has been provided in Section 3.3 of the Operations Plan.

The additional information provided in this submittal should complete the application for the Transfer Station. If you have any comments or need any additional information, please contact me at (239) 338-3302.

Sincerely,

Laura A. Gray, P.E.
Engineer Manager II
Lee County Solid Waste Division

12-27-02

Robert H. French, P.E. (#22054)
Malcolm Pirnie, Inc.
Associate

Enclosures

Cc: Mr. Hamilton Oven, FDEP
Mr. Bill Krumbholz, FDEP
Mr. Robert French, P.E., Malcolm Pirnie, Inc.
File II G 101

MALCOLM PIRNIE

MALCOLM PIRNIE, INC.
INDEPENDENT ENVIRONMENTAL ENGINEERS, SCIENTISTS & CONSULTANTS

November 7, 2002

RECEIVED
NOV 0 8 2002
D.E.P. - South District

Mr. Philip A. Barbaccia
Environmental Administrator
Florida Department of Environmental Protection
South District
P.O. Box 2549
Fort Myers, Florida 33902-2549

Re: Lee County – SW
Lee County Resource Recovery Facility
PPSC-PA 90-30
Modification to Conditions of Certification
Proposed Solid Waste Transfer Station

Dear Mr. Barbaccia:

Enclosed please find six (6) sets of additional information, which is presented in response and to your letter dated September 27, 2002. This response is in a format similar to your letter to clearly identify the additions and/or changes that have been made.

1. A cover (title) sheet for the submittal (Application Package) stating the project title, location, applicant's name, and the engineer's name, address, signature, date of signature, and seal is provided in Tab 1.

2. A table of contents for the *original* submittal is provided in Tab 2.

3. The title has been included on the cover sheet for "Additional Information." A copy of the revised title sheet is provided in Tab 3.

4. Item 2, Site Plan:

   i. The Site Plan (Drawing G1, Sheet 1 of 4) in Tab 4 includes directional arrows to show ingress and egress to the Transfer Station property. This is an overall site plan showing the Transfer Station in reference to roads and other structures on the property. Drawing G1, Sheet 2 of 4 in Tab 5 shows ingress and egress to the Transfer Station structure. The scale for each drawing is shown.

   ii. The Site Plan (Drawing G1, Sheet 1 of 4) shows the presence of two jurisdictional wetland areas, one in the southeast corner of the property (9.4

acres) and another along the western side of the site (23.4 acres). The distance from the Transfer Station to the nearest wetlands, onsite or offsite, is approximately 220 feet. There are no potable water wells on or within 500 feet of the existing or proposed facilities, and no wells serving community water supplies within 1,000 feet of the facilities.

iii. There are no elevations necessary or indicated on the Boundary Survey in Tab 6. Refer to Note #3 on the Survey Record in Tab 7 for a statement referencing NGVD elevations.

5. Item 3, Page 1:

   i. The number and types of equipment that will be used at the Transfer Station is discussed under subsection 3.3.1 in the "Additional Information" provided in Tab 8.

   ii. The Site Plan (Drawing G1, Sheet 1 of 4) shows the flow of traffic on the property and is provided in Tab 4. Drawing G1, Sheet 2 of 4, shows the flow of traffic at the Transfer Station and is in Tab 5.

   iii. A discussion of scheduled and unscheduled shut down operations is provided in subsection 3.3.2 in the "Additional Information" provided in Tab 8.

6. Item 4, Page 2:

   i. The exterior doors and ingress/egress routes into the Transfer Station are shown on Drawing G1, Sheet 2 of 4 in Tab 5.

   ii. The area of waste loading into transfer vehicles, transfer tunnels (plans and sections), the pump station and inlet to the sewer system are shown on Drawing G1, Sheets 3 of 4 and 4 of 4, which are provided in Tabs 9, 10, and 11.

   iii. The tipping floor and storage areas will be made of concrete. Drawing G1, Sheet 4 of 4 in Tab 10 shows approximate storage area sizes.

7. Item 6, Page 3:

   The storage areas for unauthorized wastes are shown on Drawing G1, Sheet 4 of 4 in Tab 10.

8. Item 8, Page 3:

   Elevations are not necessary and are not shown on the Boundary Survey. Elevations shown on the Survey Record (topographical survey) are based on an

established benchmark with elevation 22.28' National Geodetic Vertical Datum (1929), as indicated in Note 3 of the signed and sealed survey provided in Tab 7.

9. Item 10, Page 3:

   The floor and details of collection, containment and removal of leachate from the transfer station are included in Section 3.10 of "Additional Information", which is provided in Tab 8.

10. Item 11, Page 4

    Refer to Section 3.11 of "Additional Information" in Tab 8.

11. Item 12, Page 4:

    A copy of the letter approving the modification to the stormwater management plan by the SFWMD is provided in Tab 12.

12. Refer to Section 3.9 of the Operations Plan in Tab 13.

13. The County will comply with the certification of construction requirements of FAC 62-701.710(5).

14. Refer to Section 3.10 of "Additional Information" in Tab 8.

15. A copy of the updated Operations Plan is provided in Tab 13 and includes the following changes:

    a. The statement "All activities at the facility shall be performed in accordance with the Operations Plan. The Plan shall be updated as operations change, but no less frequently than upon renewal of the operation permit." has been added to Section 1.0.

    b. Refer to Section 3.8 for a description of the designation of the person responsible for operation of the facility.

    c. The statement "a trained operator shall be on duty whenever the facility is operating." has been added to Section 3.9.

    d. The Site Plan (Drawing G1, Sheet 1 of 4) in Appendix I of the Operations Plan includes directional arrows showing ingress and egress to the Transfer Station property.

    e. An 11" x 17" Site Plan is provided in Appendix I of the Operations Plan.

f. A discussion of the design and capacity/size of the equipment with the number of each type used has been added under Section 3.7, Machinery and Equipment.

g. The statement that "the operating hours shall be posted at the main entrance" has been added under Section 3.5, Operating Hours.

h. The statement "If hazardous waste is detected before or after unloading, the Department will be immediately notified at (239) 332-6975 during normal business hours, and at (850) 413-9911, or toll free (800) 320-0519 during other hours and the facility shall follow the instructions from the Department" has been added to Section 3.14, Prohibited Wastes.

i. The statement "the records shall be retained for three years at the facility, not at any other location" has been included under Section 3.9, Records.

j. The location of the facility on the Transfer Route Map has been marked with a star.

k. The Resource Recovery Facility has an existing commitment from the City of Fort Myers for treatment of industrial wastewaters generated on site. A copy of the commitment letter is provided in Appendix II of the Operations Plan.

l. The loading, unloading and storage areas are shown in the drawing included as Appendix III of the Operations Plan.

m. Fire and explosions have been addressed and emergency telephone numbers, including the numbers for the Department have been added to Section 4.6.

n. The description in Section 4.4, Operator Training has been corrected to "A trained operator shall be on duty whenever the facility is operating."

o. Training courses for operators and spotters have been addressed in Section 4.4 of the Operations Plan. A detailed description of the courses is provided in Appendix IV of the Operations Plan.

p. The statement "the facility shall be operated to control objectionable odors in accordance with FAC Rule 62-296.320(2)" has been added in Section 4.5 of the Operations Plan.

q. The location and phone number of the closest fire station has been added to Section 4.6 of the Operations Plan.

The additional information provided in this submittal should complete the application for the Transfer Station. If you have any comments or need any additional information, please contact me at (239) 332-1300.

Sincerely,

Robert H. French, P.E.
Associate
Malcolm Pirnie, Inc.

C: Mr. Lindsey Sampson, P.E.
Mr. Hamilton Oven, DEP
Mr. Bill Krumbholz, DEP

RECYCLED PAPER

LEE COUNTY
SOUTHWEST FLORIDA

Application Package

Lee County Resource Recovery Facility

PPSC-PA 90-30
Modification to Conditions of Certification
for the

Lee County Solid Waste Transfer Station

10500 Buckingham Road
Fort Myers, FL 33905

Applicant:

Lee County, Florida
c/o Lindsey J. Sampson, P.E., Director
Lee County Solid Waste Division
10500 Buckingham Road
Fort Myers, FL 33905

Engineer:

Robert H. French, P.E., Associate
Malcolm Pirnie, Inc.
1533 Hendry Street, Suite 201
Fort Myers, FL 33901

BLH
11-7-02

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LEE COUNTY
SOUTHWEST FLORIDA

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Donald D. Stilwell
County Manager

James G. Yaeger
County Attorney

Diana M. Parker
County Hearing Examiner

Writer's Direct Dial Number: (239) 338-3302

August 28, 2002

Mr. Philip Barbaccia, Environmental Administrator
Department of Environmental Protection, South District
P.O. Box 2549
Ft. Myers, Florida 33902-2549

RE: Lee County Solid Waste Energy Recovery Facility, DEP Case No. PA 90-30
Notice of Amendment to Power Plant Site Application

Dear Mr. Barbaccia:

Lee County is proposing the addition of a transfer station to the existing Solid Waste Energy Recovery Facility (SWERF) site. The transfer station will be constructed in the northwest quadrant of the SWERF site on approximately 30 acres. We have provided notice of this Amendment regarding the construction and operation of a transfer station to the DEP Office of Siting Coordination. We are hereby submitting more detailed information to the South District Office for this transfer station.

The Lee County SWERF operates at design capacity at all times but must divert solid waste to a landfill during periods of the year with high solid waste generation rates and during periods of scheduled and unscheduled maintenance outages of the SWERF. Lee County is preparing to expand the capacity of the WTE Facility and will apply for a permit to construct the expansion in the near future. We anticipate that the permitting, design and construction of the expansion will require three to four years.

The generation of MSW in Lee & Hendry Counties continues to increase due to population growth. Even with increased recycling collection, the County has had to landfill from 40,000 to 60,000 tons of MSW during each of the last three years. The proposed transfer station is required in order to better manage the flow of bypass waste from the SWERF to the Lee/Hendry Landfill. Once the expansion of the SWERF is completed, the transfer station will be used intermittently during outage periods and emergencies.

Since the transfer station facility is located within the certified power plant site and is an associated facility of the SWERF (because of the interdependency relationship between the SWERF and the transfer station), a separate permit for its construction and operation may not be necessary. However, we have attached a completed "Application For Permit To Construct, Operate Or Modify A Waste Processing Facility". Using the DEP's standard application form provides consistency and assures complete submittal of the appropriate information. A letter of compliance is also being requested from the SFWMD.

RECEIVED page 1

AUG 30 2002

If you have any questions or comments, or need any additional information, please contact me at (239) 338-3302.

Sincerely,

Lindsey J. Sampson

Lindsey J. Sampson, P.E., Director
Lee County Solid Waste Division

Cc: Hamilton Oven, Jr., P.E., FDEP
Jim Lavender, Lee County Public Works Director
David Owen, Assistant County Attorney
Rob French, Malcolm Pirnie
David Dee, Landers & Parsons w/ Attachmts.

2

DEP Form # 62-701.900(4)
Form Title Application to Construct, Operate or Modify a Waste Processing Facility
Effective Date 05-27-01

DEP Application No. _____
(Filled by DEP)

Florida Department of Environmental Protection

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

APPLICATION FOR PERMIT TO CONSTRUCT, OPERATE OR MODIFY A WASTE PROCESSING FACILITY

GENERAL REQUIREMENT: Solid Waste Management Facilities shall be permitted pursuant to Section 403.707, Florida Statutes,(F.S.) and in accordance with Florida Administrative Code (F.A.C.) Chapter 62-701. A minimum of four copies of the application shall be submitted to the Department District Office having jurisdiction over the facility. The appropriate fee in accordance with Rule 62-701.315(4), F.A.C., shall be submitted with the application by check made payable to the Department of Environmental Protection (DEP). Complete appropriate sections for the type of facility for which application is made and include all additional information, drawings, and reports necessary to evaluate the facility.

Please Type or Print in Ink

A. GENERAL INFORMATION

1. Type of facility (check all that apply):
   [X] Transfer Station
   [ ] Materials Recovery Facility:
      [ ] C&D Recycling
      [ ] Class III MRF
      [ ] MSW MRF
      [ ] Other Describe: _____
   [ ] Volume Reduction Facility
      [ ] Pulverizer/Shredder
      [ ] Compactor/Baling
      [ ] Other Describe: _____

NOTE: C&D Disposal facilities that also recycle C&D, shall apply on DEP FORM 62-701.900(6), F.A.C.

2. Type of application:
   [X] Construction/Operation
   [ ] Operation Without Additional Construction

3. Classification of application:
   [X] New
   [ ] Renewal
   [ ] Substantial Modification
   [ ] Intermediate Modification
   [ ] Minor Modification

4. Facility name: Lee County Resource Recovery Facility

5. DEP ID number: PA 90-30 County: Lee

6. Facility location (main entrance): 10500 Buckingham Road
   Fort Myers, Fl

7. Location coordinates:

   Section: 24 Township: 44 S Range: 25 E

   UTMs: Zone 424,252 km E 2,945,865 km N

   Latitude: 26 ° 37 ' 54 " Longitude: 81 ° 45 ' 41 "

8. Applicant name (operating authority): Lee County Solid Waste Division

Mailing address: 10500 Buckingham Road Fort Myers, FL 33905
Street or P.O. Box City State Zip

Contact person: Lindsey Sampson, P.E. Telephone: (239) 338-3302

Title: Director sampsolj@leegov.com
E-Mail address (if available)

9. Authorized agent/Consultant: Malcolm Pirnie, Inc.

Mailing address: 1533 Hendry Street, Suite 201 Fort Myers, FL 33901
Street or P.O. Box City State Zip

Contact person: Robert H. French, P.E. Telephone: (239) 332-1300

Title: Associate RFrench@pirnie.com
E-Mail address (if available)

10. Landowner(if different than applicant): _____

Mailing address: _____
Street or P.O. Box City State Zip

Contact person: _____ Telephone: (___) _____

_____
E-Mail address (if available)

11. Cities, towns and areas to be served: Incorporated & unincorporated areas of Lee & Hendry Counties.

12. Date site will be ready to be inspected for completion: April, 2003

13. Estimated costs:

Total Construction: $ 3,500,000 Closing Costs: $ N/A

14. Anticipated construction starting and completion dates:

From: October, 2002 To: April, 2003

15. Expected volume of waste to be received: _____ yds^3/day 1,000 tons/day

16. Provide a brief description of the operations planned for this facility: The existing WTE plant is operating at capacity. This transfer station will be used to transport surplus or excess waste to the Lee/Hendry County Landfill.

B. ADDITIONAL INFORMATION

Please attach the following reports or documentation as required.

1. Provide a description of the solid waste that is proposed to be collected, stored, processed or disposed of by the facility, a projection of those waste types and quantities expected in future years, and the assumptions used to make the projections (Rule 62-701.710(2)(a), F.A.C.).

2. Attach a site plan, signed and sealed by a professional engineer registered under Chapter 471, F.S., with a scale not greater than 200 feet to the inch, which shows the facility location, total acreage of the site, and any other relevant features such as water bodies or wetlands on or within 200 feet of the site, potable water wells on or within 500 feet of the site and wells serving community water supplies on or within 1000 feet of the site (Rule 62-701.710(2)(b), F.A.C.).

3. Provide a description of the operation and functions of all processing equipment that will be used, with design criteria and expected performance. The description shall show the flow of solid waste and associated operations in detail, and shall include (Rule 62-701.710(2)(c), F.A.C.):
   a. Regular facility operations as they are expected to occur;
   b. Procedures for start up operations, and scheduled and unscheduled shut down operations; and
   c. Potential safety hazards and control methods, including fire detection and control.

4. Provide a description of the design requirements for the facility which demonstrate how the applicant will comply with Rule 62-701.710(3), F.A.C.

5. Provide a description of the loading, unloading, storage and processing areas (Rule 62-701.710(2)(d), F.A.C.).

6. Provide the identification and capacity of any on-site storage areas for recyclable materials, non-processable wastes, unauthorized wastes, and residues (Rule 62-701.710(2)(e), F.A.C.).

7. Provide a plan for disposal of unmarketable recyclable materials and residue, and for waste handling capability in the event of breakdowns in the operations or equipment (Rule 62-701.710(2)(f), F.A.C.).

8. Provide a boundary survey, legal description, and topographic survey of the property(Rule 62-701.710(2)(g), F.A.C.).

9. Provide an operation plan which describes how the applicant will comply with Rule 62-701.710(4), F.A.C. (Rule 62-701.710(2)(h), F.A.C.).

10. Provide a closure plan which describes generally how the applicant will comply with Rule 62-701.710(6), F.A.C. (Rule 62-701.710(2)(I). F.A.C.).

11. Unless exempted by Rule 62-701.710(10(a), F.A.C., provide the financial assurance documentation required by Rule 62-701.710(7), F.A.C. (Rule 62-701.710(2)(j), F.A.C.).

12. Provide documentation to show that stormwater will be controlled according to the requirements of Rule 62-701.710(9), F.A.C.

13. Provide documentation to show that the applicant will comply with the recordkeeping requirements of Rule 62-701.710(9), F.A.C.

C. CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICER

1. Applicant:

The undersigned applicant or authorized representative of Lee County Solid Waste Division is aware that statements made in this form and attached information are an application for a Construction/Operation Permit from the Florida Department of Environmental Protection and certifies that the information in this application is true, correct and complete to the best of his/her knowledge and belief. Further, the undersigned agrees to comply with the provisions of Chapter 403, Florida Statutes, and all rules and regulations of the Department. It is understood that the Permit is not transferable, and the Department will be notified prior to the sale or legal transfer of the permitted facility.

Lindsey J. Sampson
Signature of Applicant or Agent

Lindsey Sampson, P.E.
Name and Title (please type)

sampsolj@leegov.com
E-Mail address (if available)

10500 Buckingham Road
Mailing Address

Fort Myers, FL 33905
City, State, Zip Code

(239) 338-3302
Telephone Number

Date: 8/30/02

Attach letter of authorization if agent is not a governmental official, owner, or corporate officer.

2. Professional Engineer registered in Florida (or Public Officer if authorized under Sections 403.707 and 403.7075, Florida Statutes):

This is to certify that the engineering features of this waste processing facility have been designed/examined by me and found to conform to engineering principles applicable to such facilities. In my professional judgment, this facility, when properly maintained and operated, will comply with all applicable statutes of the State of Florida and rules of the Department. It is agreed that the undersigned will provide the applicant with a set of instructions of proper maintenance and operation of the facility.

Signature

Robert H. French, P.E.
Name and Title (please type)

8-30-02

Florida Registration Number
(please affix seal)

1533 Hendry Street, Suite 201
Mailing Address

Fort Myers, FL 33901
City, State, Zip Code

RFrench@pirnie.com
E-Mail address (if available)

(239) 332-1300
Telephone Number

Date: 8-30-02

Note: Item numbers conform to the FDEP permit application "Additional Information" items.

Item 1

The solid waste that is proposed to be processed by the facility includes waste from the existing Resource Recovery Facility (SWERF) that is in excess of the Facility's processing capacity, waste bypassed from the SWERF during outage periods, yard waste and construction debris. Bypass waste is expected to increase at approximately 5% per year until additional processing capacity is available at the Facility. Once additional process capacity is available, the transfer facility will operate intermittently, primarily during outage periods and for non-processible (non-combustible) materials. A summary of the expected bypass waste quantities is shown below (7-day/wk. Basis).

Year	Bypass Waste (Tons per day)
2003	190
2004	260
2005	330
2006	410

Assumptions

1.) *Solid waste tonnage delivered to site will increase at 5% per year.*
2.) *The transfer station will process all waste in excess of 1,200 tpd (existing WTE processing capacity).*
3.) *Additional WTE capacity will be available in 2006.*
4.) *Tons/Day will vary depending on WTE operations and seasonal fluctuations.*

Item 2

A copy of the site plan is included as Appendix 1. The site plan shows the property area, wetland boundaries (defined by conservation easements) and other features as required by F.A.C. 62-701.710(2)(b).

Item 3

The transfer facility is designed to operate as follows:

- *Regular Facility Operations:* Collection vehicles will use the existing entrance and exit roadways through the main scale house. Incoming traffic will travel behind the WTE plant and enter the transfer station tipping floor and discharge loads. Transfer vehicles will enter the facility along the same route, but will be directed to one of three transfer tunnels located below the tipping floor. Once a transfer vehicle is in place, a front-loader will push waste materials from the tipping floor to a drop chute,

where it will fall into the transfer trailer. Collection vehicles will exit out of the transfer station back onto the one-way loop road out through the scale house to exit the facility. Loaded transfer vehicles will exit the transfer tunnel onto the loop road, pass over the axle scales, then continue out on the loop road and exit the facility.

- *Start-up Procedures:* The transfer facility will only require basic start-up or shutdown procedures (e.g. opening doors, turning on lights, etc.) to prepare for operations.

- *Potential safety hazards and control methods:* Fire detection and suppression equipment will be built into the transfer station structure, and will meet all applicable codes and design standards. Additional hazards include the open drop chutes, which will be equipped with safety railings or other appropriate safety markings or devices. Operating equipment will be equipped with backup alarms and all other required safety features.

Item 4

The design requirements are described as follows:

- Exterior doors will provide ingress, egress and ventilation for the transfer building.

- Leachate collected from the tipping floor and the transfer tunnels will be directed through a collection system into a pump station, which will discharge the leachate into the existing onsite sewer system. The tipping floor and the transfer tunnels will be under roof and will prevent the mixing of leachate with stormwater.

- The storage area design is based on peak loading of 1,000 tons per day, and should accommodate approximately 540 tons of stored MSW. At a loose density of 350 pounds per cubic yard, the volume required is 3,085 cubic yards or an area approximately 158 feet X 65 feet X 12 feet high. The design allows for 30 feet of maneuvering area near the transfer chutes and 35 feet between the storage pile and the tipping floor doors.

Item 5

The loading, unloading, storage and process areas are described as follows:

- *Loading Area:* The station will have three transfer tunnels under the tipping floor, each equipped with a 42′ x 8′ top-loading chute capable of

processing 400 to 600 tons per day. The back and side of each chute will have 4-foot high sloping steel deflector plates to prevent spillage and minimize loading time. The front side of each chute will have a 10-inch high x 14-inch wide steel clad curb. Station operators will use a front-end loader and a rubber tire backhoe with a clamshell grapple to load and compact waste into the transfer trailers.

- *Unloading Area:* Incoming collection vehicles will enter the tipping floor through an access door. The 128′ x 182′ tipping floor has been designed to accommodate a peak flow of 220 tons per hour. Once the collection vehicles have discharged their loads, they will exit through the two 45′ x 28′ hangar doors on the south side of the structure.

- *Storage Area:* The storage area is incorporated into the tipping floor, and will accommodate approximately 540 tons of stored MSW. The storage area is intended to accommodate hourly fluctuations in the delivery and transfer of solid waste. The design allows for 30 feet of maneuvering area near the transfer chutes and 35 feet between the storage pile and the tipping floor doors.

Item 6

Approximately 500 square feet of storage for unauthorized wastes is provided on either side of the tipping floor. The County does not intend to process such materials and will remove such material from the site as required.

Item 7

No separation of (non-source separated) recyclable materials is anticipated while processing bypass waste from the Resource Recovery Facility. In the event of equipment or operations failure, the tipping floor of the Resource Recovery Facility can assume the waste handling capabilities of the transfer station.

Item 8

One copy of the boundary survey (with legal description) and topographic survey are included as Appendix 2.

Item 9

One copy of the Operations Plan for the transfer station is included as Appendix 3.

Item 10

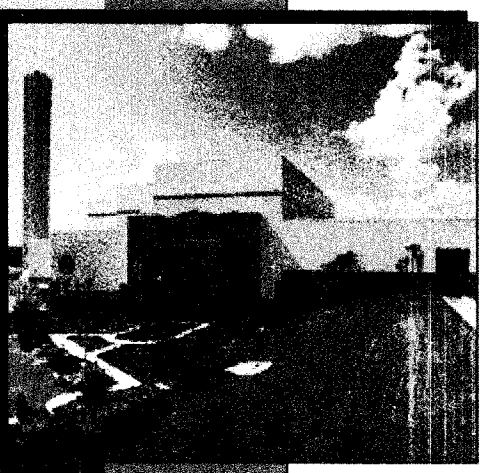
All waste and leachate will be removed from the transfer station. The floor will be impervious, and there will be no groundwater contamination or contact.

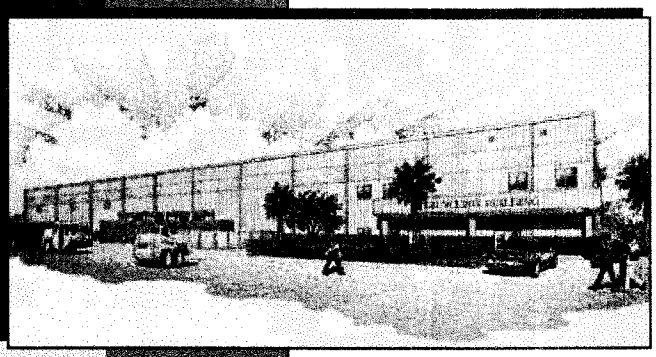
Item 11
Lee County will ensure compliance with the financial assurance requirements of FAC 62-701.710(7).

Item 12
Stormwater will be controlled in accordance with F.A.C. 62-701.710(9). An ERP application will be submitted to the South Florida Water Management District for approval of the construction and operation of the stormwater system. A copy of the authorization letter will be provided to the FDEP when it is received. Copies of the modeling data and supporting engineering calculations are included as Appendix 4.

Item 13
The Lee County Solid Waste Department will ensure compliance with the recordkeeping requirements of FAC 62-701.710(9).

MALCOLM PIRNIE





Additional Information

for the

Lee County Transfer Station

prepared for the

Lee County Solid Waste Division

LEE COUNTY
SOUTHWEST FLORIDA

Revised:
December, 2002
1971-036

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3.1 Solid Waste Description

The solid waste that is proposed to be processed by the facility includes waste from the existing Resource Recovery Facility (SWERF) that is in excess of the Facility's processing capacity, waste bypassed from the SWERF during outage periods, yard waste and construction debris. Bypass waste is expected to increase at approximately 5% per year until additional processing capacity is available at the Facility. Once additional process capacity is available, the transfer facility will operate intermittently, primarily during outage periods and for non-processible (non-combustible) materials. A summary of the expected bypass waste quantities is shown below (7-day/wk. Basis).

Year	Bypass Waste (Tons per day)
2003	190
2004	260
2005	330
2006	410

Assumptions

1.) *Solid waste tonnage delivered to site will increase at 5% per year.*
2.) *The transfer station will process all waste in excess of 1,200 tpd (existing WTE processing capacity).*
3.) *Additional WTE capacity will be available in 2006.*
4.) *Tons/Day will vary depending on WTE operations and seasonal fluctuations.*

3.2 Site Plan

A copy of the site plan is provided in this submittal (to replace the site plan located in Tab 4 of the November 7, 2002 submittal). The site plan shows the property area, wetland boundaries (defined by conservation easements) and other features as required by F.A.C. 62-701.710(2)(b).

3.3 Operations and Functions of processing equipment

The facility operations and functions of processing equipment to be used at the transfer facility are described in the sections below. Design criteria and expected performance were based on technical information provided by individual equipment manufacturers.

3.3.1 *Regular Facility Operations*

Collection vehicles will use the existing entrance and exit roadways through the main scale house. The facility is designed for standard Mack, McNeilus, or equivalent commercial trucks with either rear-loading, front-loading, or rolloff bodies.

Incoming traffic will travel behind the WTE plant, enter the transfer station tipping floor and discharge loads. Transfer vehicles will enter the facility along the same route, but will be directed to one of three transfer tunnels located below the tipping floor. The facility is designed to accommodate standard 100 cubic yard transfer trailers (East Manufacturing, Inc. or equivalent) of either 96″ or 108″ width.

Once a transfer vehicle is in place, a front-loader will push waste materials from the tipping floor to a drop chute, where it will fall into the transfer trailer positioned directly below. The waste material will be operated with one John Deere 644 (bucket capacity 7 cubic yards) and/or one John Deere 344 (bucket capacity 3 cubic yards) loader. Both of these loaders are presently owned by the County and have demonstrated capabilities of transferring 1200 and 800 tons, respectively, of municipal solid waste material during the proposed daily operating period. As solid waste fills each transfer trailer, the waste may also be compacted with a backhoe (John Deere 410G or equivalent, bucket capacity 1.5 cubic yards).

The number and type of equipment on site is one to two loaders (as described above), one backhoe, three to six tractor trucks, three to twelve 100 cubic yard transfer trailers, and one trailer truck.

Collection vehicles will exit out of the transfer station back onto the one-way loop road out through the scale house to exit the facility. Loaded transfer vehicles will exit the transfer tunnel onto the loop road, then continue out on the loop road and exit the facility.

3.3.2 *Start-up & Shutdown Procedures*

The transfer facility will only require basic start-up or shutdown procedures (e.g. opening doors, turning on lights, etc.) to prepare for (or stop) normal operations.

Scheduled shutdowns will occur at the end of each operating day, and will involve parking all equipment, washing down the tipping floor, turning off lights, and securing the building.

Unscheduled shutdowns, such as for severe weather, will follow the guidelines described in Section 4 of the Operations Plan.

3.3.3 Potential safety hazards and control methods

Fire detection and suppression equipment will be built into the transfer station structure, and will meet all applicable codes and design standards. Additional hazards include the open drop chutes, which will be equipped with safety railings or other appropriate safety markings or devices. Operating equipment will be equipped with backup alarms and all other required safety features.

3.4 Design Requirements

The design requirements are described as follows:

a. Exterior doorways will provide ingress, egress and ventilation for the transfer building.

b. Leachate collected from the tipping floor and the transfer tunnels will be directed through a collection system into a pump station, which will discharge the leachate into the existing onsite sewer system. The tipping floor and the transfer tunnels will be under roof and will prevent the mixing of leachate with stormwater.

c. The storage area design is based on peak loading of 1,000 tons per day, and should accommodate approximately 540 tons of stored MSW. At a loose density of 350 pounds per cubic yard, the volume required is 3,085 cubic yards or an area approximately 158 feet X 65 feet X 12 feet high. The design allows for 30 feet of maneuvering area near the transfer chutes and 35 feet between the storage pile and the tipping floor doors.

3.5 Loading, Unloading, Storage, and Processing Areas.

The loading, unloading, storage and process areas are shown in the drawing in Tab 10 of the November 7, 2002 submittal and described as follows:

3.5.1 Loading Area

The station will have three transfer tunnels under the tipping floor, each equipped with a 42′ x 8′ top-loading chute capable of processing 400 to 600 tons per day. The back and side of each chute will have 4-foot high

sloping steel deflector plates to prevent spillage and minimize loading time. The front side of each chute will have a 10-inch high x 14-inch wide steel clad curb. Station operators will use a front-end loader and a rubber tire backhoe with a clamshell grapple to load and compact waste into the transfer trailers.

3.5.2 Unloading Area

Incoming collection vehicles will enter the tipping floor through an access door. The 128′ x 182′ tipping floor has been designed to accommodate a peak flow of 220 tons per hour. Once the collection vehicles have discharged their loads, they will exit through the two 45′ x 28′ hangar doors on the south side of the structure.

3.5.3 Storage Area

The storage area is incorporated into the tipping floor, and will accommodate approximately 540 tons of stored MSW. The storage area is intended to accommodate hourly fluctuations in the delivery and transfer of solid waste. The design allows for 30 feet of maneuvering area near the transfer chutes and 35 feet between the storage pile and the tipping floor doors.

3.6 Capacity of On-site Storage Areas

Approximately 500 square feet of storage for unauthorized (e.g., hazardous) wastes is provided on the tipping floor. This area is shown on Sheet 4/4 and is discussed in Section 3.15 of the Operations Plan. The County does not intend to process such materials and will remove such material from the site as required. An area of approximately 200 square feet is also provided for storage of non-processible waste as shown on Sheet 4/4.

3.7 Plan for Handling and Disposal of Solid Waste in Case of Equipment Failure

No separation of (non-source separated) recyclable materials is anticipated while processing bypass waste from the Resource Recovery Facility. In the event of equipment or operations failure, the tipping floor of the Resource Recovery Facility can assume the waste handling capabilities of the transfer station.

3.8 Boundary Survey, Legal Description, and Topographic Survey of the Property

One copy of the boundary survey (with legal description) and topographic survey are provided in Tabs 6 and 7 of the November 7, 2002 submittal.

3.9 Operations Plan

One copy of the Operations Plan for the transfer station is provided in Tab 13 of the November 7, 2002 submittal.

3.10 Closure Plan

All waste and leachate will be removed from the transfer station within seven days of receipt. The concrete floor will be approximately eight inches thick, and there will be no groundwater contamination or contact. The concrete floors in the waste storage area and the transfer truck area will be sloped away from the doors and toward the leachate collection system. Leachate will be washed off of the tipping floor into the transfer tunnels, where it will drain into the wastewater collection system and be routed to a treatment facility.

Within 30 days after receiving the final solid waste shipment, the owner or operator shall remove or otherwise dispose of all solid waste or residue, and stored putrescible wastes shall continue to be managed in accordance with FAC 62-701.710(4)(b). Once all waste and leachate are removed, the remaining facility systems (lighting, plumbing, etc.) can be shut down.

The Lee County Solid Waste Department will notify the FDEP in writing prior to permanently ceasing operations, and will specify a closing date. No waste will be received by the facility after the closing date, and closure will be completed within 180 days of the closing date. The Lee County Solid Waste Department will certify in writing to the FDEP that closure is complete.

3.11 Financial Assurance Documentation

The transfer station will accept primarily household and commercial waste and will manage it on a first-in, first-out basis and will not store solid waste at the facility for more than seven days. Therefore, in accordance with FAC 62.701.710(10)(a) financial assurance for closure cost is not required.

3.12 Stormwater System

A copy of the letter from the SFWMD authorizing the stormwater management system is included in Tab 12 of the November 7, 2002 submittal.

3.13 Recordkeeping

The Lee County Solid Waste Department will comply with the recordkeeping requirements of FAC 62-701.710(9).

APPENDIX 1

SITE PLAN

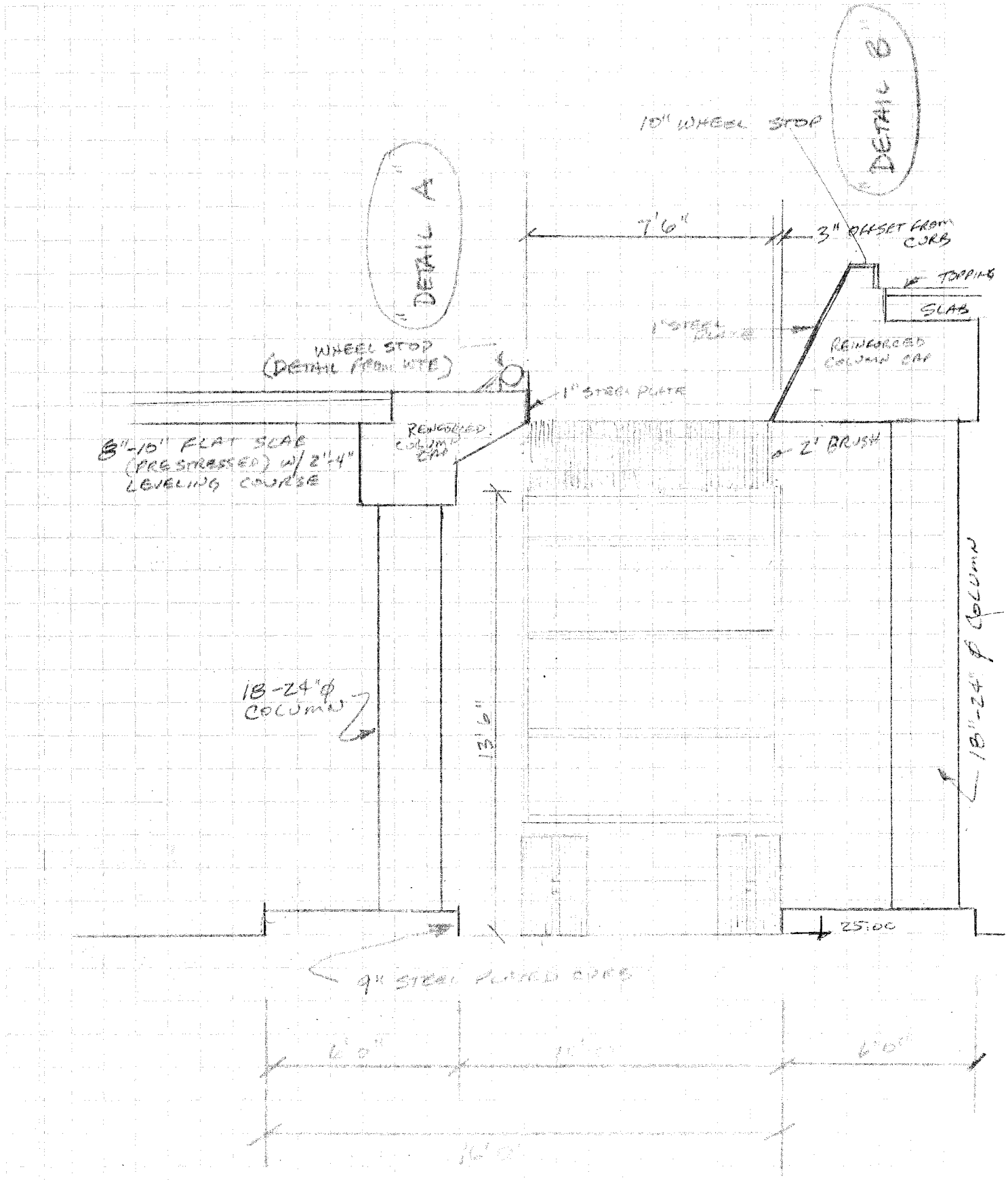
MALCOLM PIRNIE

MALCOLM PIRNIE, INC.

BY..... DATE..... SHEET NO..... OF.....

CHKD. BY..... DATE..... JOB NO.....

SUBJECT.....



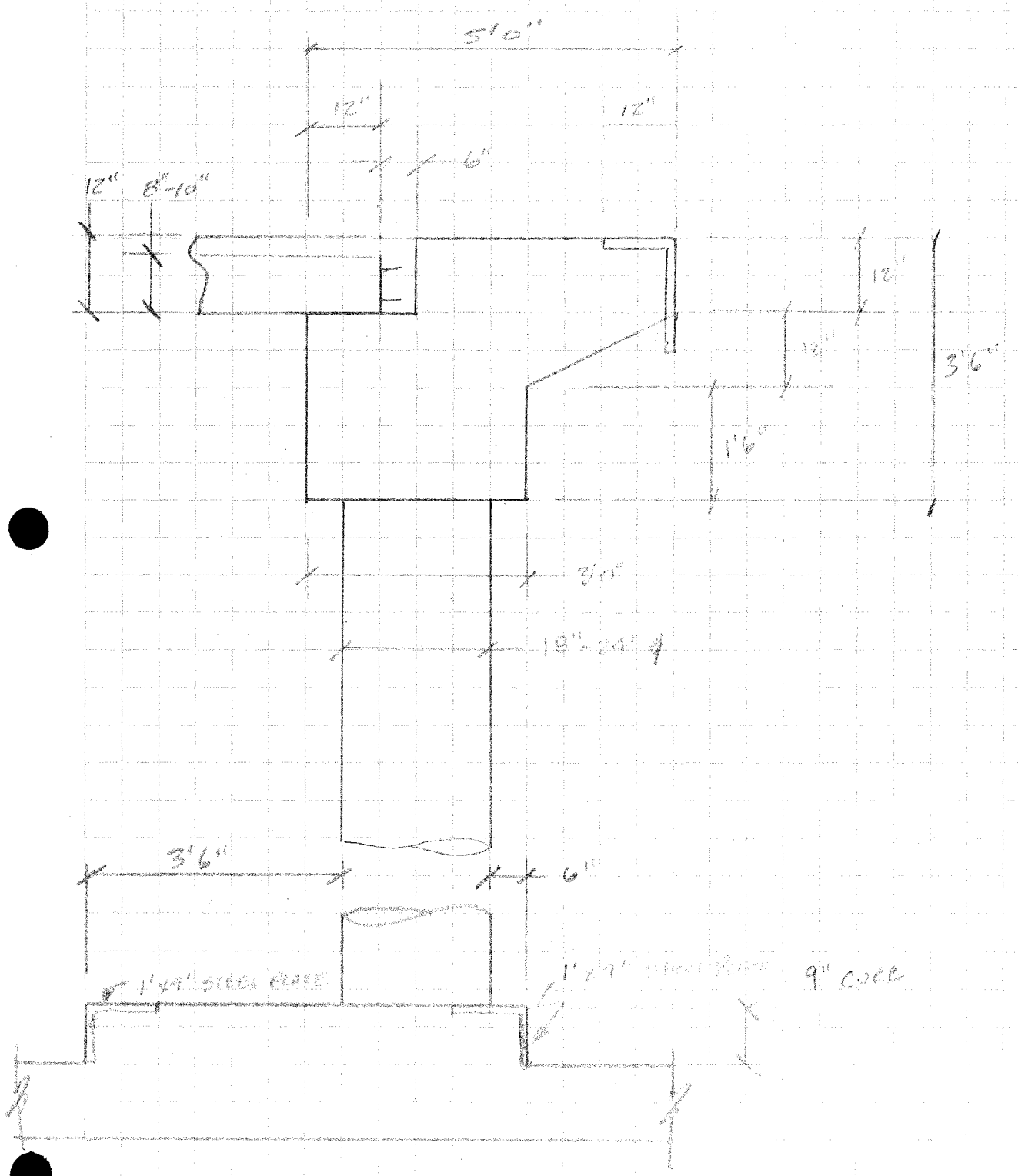
MALCOLM PIRNIE

MALCOLM PIRNIE, INC.

BY..... DATE..... SHEET NO..... OF.....

CHKD. BY..... DATE..... JOB NO.....

SUBJECT.....



DETAIL A

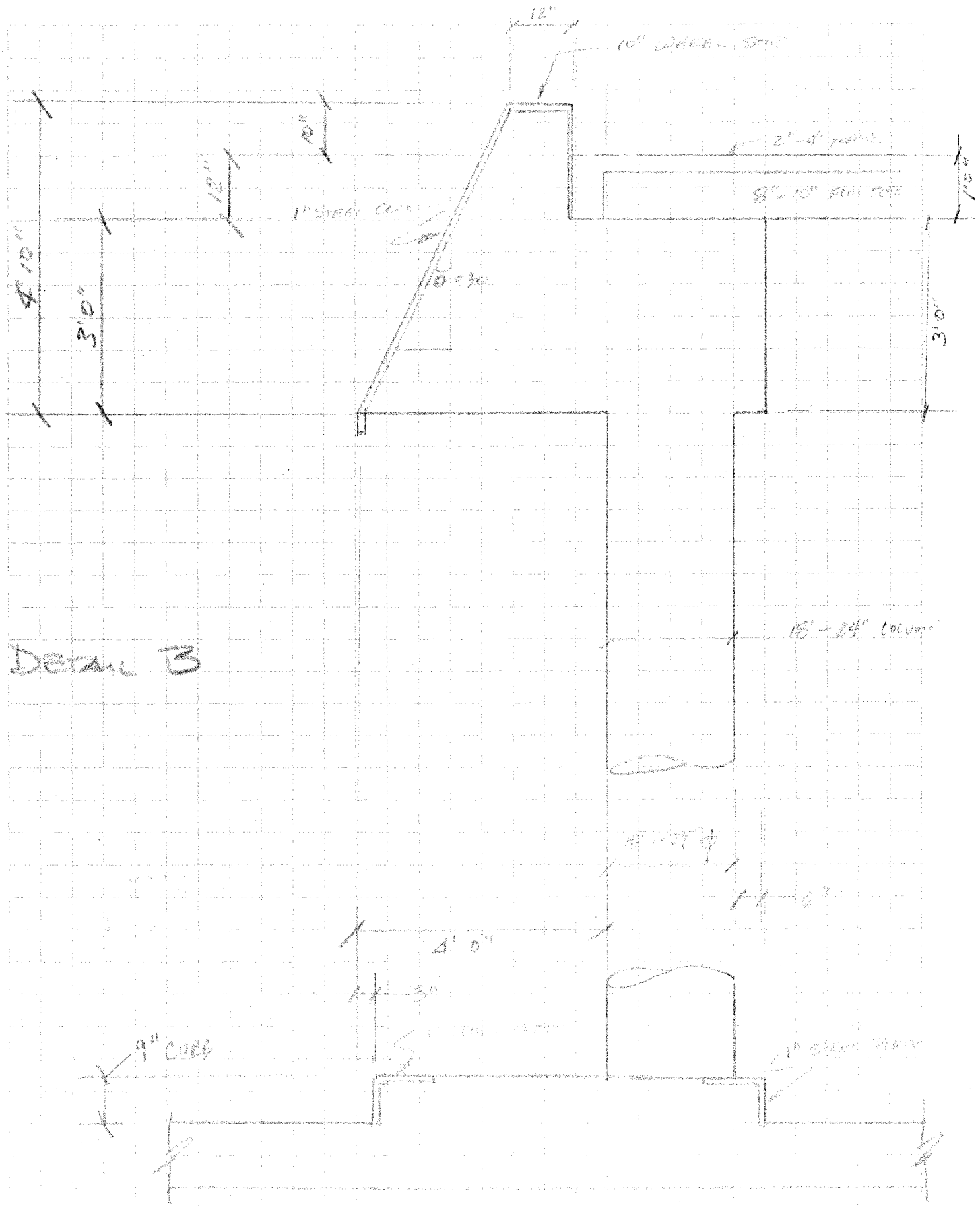
MALCOLM PIRNIE

MALCOLM PIRNIE, INC.

BY..... DATE..... SHEET NO..... OF.....

CHKD. BY..... DATE..... JOB NO.....

SUBJECT.....



RECYCLED PAPER

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
3301 Gun Club Road, West Palm Beach, Florida 33406 • (561) 686-8800 • FL WATS 1-800-432-2045 • TDD (561) 697-2574
Mailing Address: P.O. Box 24680, West Palm Beach, FL 33416-4680 • www.sfwmd.gov

LAN 04-06

October 18, 2002

Mr. Hamilton S. Oven, Jr., P.E.
Administrator, Siting Coordination Office
Department of Environmental Protection
2600 Blair Stone Road, MS 48
Tallahassee, FL 32399-2400

Dear Mr. Oven:

Subject: Lee County Solid Waste Energy Recovery Facility, PA 90-30
Construction Plans For Waste Transfer Facility
Authorization to Commence Construction

South Florida Water Management District (SFWMD) staff has reviewed the plans and specifications for the proposed Waste Transfer Facility at the Lee County Solid Waste Energy Recovery Facility submitted on September 12, 2002, in response to the Conditions of Certification that pertain to matters that require SFWMD approval prior to commencement of construction. The proposed Waste Transfer Facility will be located in the northwest corner of the project site near the existing Tire Pad area.

The construction plans for the proposed Waste Transfer Facility at the Lee County Solid Waste Energy Recovery Facility are consistent with SFWMD criteria and previous approvals. Consequently, the construction of the proposed Waste Transfer Facility is acceptable to the SFWMD, subject to compliance with the applicable Certification Conditions and those conditions that address activities during and after construction.

This letter shall not be construed as a waiver by the SFWMD of any of the requirements specified in any of the Certification Conditions contained in the Certification Order.

At least 90 days prior to the construction of the Waste Transfer Facility, the applicant or the applicant's consultants shall provide the SFWMD with the details of the proposed dewatering activities, pursuant to Certification Conditions XV.A.2.a and XV.B.3.a.

Please note that the dewatering submittal should be sent to both Terry Bengtsson at the SFWMD's Ft. Myers Service Center and Jim Golden at the SFWMD's West Palm Beach headquarters.

GOVERNING BOARD

Trudi K. Williams, P.E., *Chair*
Lennart E. Lindahl, P.E., *Vice-Chair*
Pamela Brooks-Thomas
Michael Collins
Hugh M. English
Gerardo B. Fernández
Patrick J. Gleason, Ph.D., P.G.
Nicolás J. Gutiérrez, Jr., Esq.
Harkley R. Thornton

EXECUTIVE OFFICE

Henry Dean, *Executive Director*

Further inquiries regarding this matter should be directed to Jim Golden, Senior Planner, at (561) 682-6862.

Sincerely,

W.R. Howard, Jr., P.E.
Deputy Director
Environmental Resource Regulation

WRH/jjg

c: Lindsay Sampson, Lee County
Robert H. French, P.E.

APPENDIX 3

OPERATIONS PLAN

Revised December 2002
It is a separate document

APPENDIX 4

STORMWATER INFORMATION

MALCOLM PIRNIE

MALCOLM PIRNIE, INC.

BY: [illegible] DATE: 3-9-02 SHEET NO. 1 OF 8

CHKD. BY: DATE: JOB NO. 19710360

SUBJECT: LEE CO. TRANSFER STATION

STORMWATER MANAGEMENT COMPUTATIONS

THE ORIGINAL LEE COUNTY SOLID WASTE ENERGY RECOVERY FACILITY (SWERF) STORMWATER MANAGEMENT FACILITIES WERE DESIGNED IN 1991 AND CERTIFIED COMPLETE IN 1995. THE SWERF COMPRISES 46.4 ACRES OF THE 155-ACRE TOTAL SWERF SITE THAT IS PERMITTED UNDER THE EXISTING POWER PLANT SITE CERTIFICATION (PPSC). STORMWATER FACILITIES FOR THE SWERF CONSIST OF TWO DRAINAGE BASINS (1 & 2). BASIN 1 IS ON THE SOUTH END OF THE SITE AND USES TWO DETENTION PONDS. BASIN 2 IS ON THE NORTH SIDE OF THE SITE AND CONTROLS STORMWATER RUNOFF THROUGH TWO RETENTION PONDS. A CONTROL STRUCTURE (EL. 21.4') REGULATES DISCHARGE.

IN 2000, THE COUNTY ADDED A THIRD BASIN WITH THE CONSTRUCTION OF THE RECOVERED MATERIALS PROCESSING FACILITY (RMPF). THE 11.0-ACRE STORMWATER BASIN FOR THE RMPF DIRECTS STORMWATER RUNOFF INTO BASIN 1.

LEE COUNTY IS NOW IN THE PROCESS OF DESIGNING A TRANSFER STATION FOR THE SWERF SITE TO MANAGE WASTE VOLUMES BYPASSED DURING OUTAGE PERIODS AND HIGH-FLOW CONDITIONS. THE NEW FACILITY WOULD ADD A 24.6-ACRE BASIN ONTO THE EXISTING 3-BASIN SYSTEM, AND WOULD HAVE A 1.3-ACRE WET RETENTION POND TO CONTROL STORMWATER RUNOFF. AN OVERFLOW SWALE CONNECTED TO BASIN 2 WOULD PROVIDE FOR DRAINAGE DURING HEAVY STORMS. THE ROADWAYS FOR THE TRANSFER STATION WILL BE SET AT 23.5' NGVD (MAX STAGE OF 5-YR, 24-HR STORM), AND THE BOTTOM FLOOR ELEVATION (TRANSFER TUNNELS) WILL BE SET AT 25.0' NGVD (MAX STAGE 100-YR, 72-HR MAX STAGE). THE NEW TRANSFER FACILITY WILL BE CONSTRUCTED IN THE NORTHWEST QUADRANT OF THE SWERF SITE, AND WILL CONNECT INTO EXISTING ROADWAYS AND SITE UTILITIES.

MALCOLM PIRNIE

MALCOLM PIRNIE, INC.

BY CCT DATE 8-9-02 SHEET NO. 2 OF 8

CHKD. BY ..... DATE ..... JOB NO. 1971056

SUBJECT LEE CO. TRANSFER STATION

I. SITE AREA (TS BASIN)

A. ACREAGES

1. TOTAL ACREAGE = 24.6 AC.
2. IMPERVIOUS
   a. BUILDING (ROOF) = 2.2 AC.
   b. ROADS & PARKING = 7.3 AC.
3. LAKE = 1.3 AC.
4. PERVIOUS = 13.8 AC.

B. MINIMUM ELEVATIONS

1. ROADS & PARKING = 23.5' NGVD
2. FLOORS = 25.0' NGVD

C. ZONING "INDUSTRIAL"

D. ALLOWABLE DISCHARGE NTE 37 CSM

E. WATER LEVEL ELEVATIONS

1. WET SEASON WATER TABLE = 21.4' NGVD
2. RECEIVING WATER LEVEL = 22.2' NGVD

F. DESIGN STORM RAINFALL AMOUNTS (FROM TECH. PUB #39 (JAN. 2001))

1. ROADS (5-YR. 24-HR.) = 5.0 IN.
2. DESIGN (25-YR 72-HR) = 11.5 IN.
3. FLOORS (100-YR 72-HR) = 15.0 IN.

MALCOLM PIRNIE

MALCOLM PIRNIE, INC.

BY CH DATE 8-9-02 SHEET NO. 3 OF 8

CHKD. BY ..... DATE ..... JOB NO. 19710360

SUBJECT LEE CO TRANSFER STATION

II. DESIGN CRITERIA (TS BASIN ONLY)

A. QUALITY

1. FOR A RETENTION SYSTEM, 50% OF THE VOLUME REQUIRED FOR WET DETENTION

2. INDUSTRIAL SITES SHALL PROVIDE AT LEAST 0.5 INCH OF DRY RETENTION OR DETENTION PRETREATMENT.

B. QUANTITY

1. ROADS

a.) CENTERLINES NO LOWER THAN 23.4' NGVD (5-YR, 24-HR ZERO DISCHARGE)

b.) SHALL BE AT LEAST 2' ABOVE THE CONTROL ELEVATION

2. ALLOWABLE DISCHARGE - PROJECT IS IN THE LEE COUNTY C-43 DRAINAGE BASIN THE PEAK DISCHARGE HAS BEEN ESTABLISHED AS NTE 37 CSM.

3. FIRST FLOORS NO LOWER THAN 25.0' NGVD. (100-YR, 72-HR, ZERO DISCHARGE)

III. COMPUTATIONS

A. QUALITY

1. COMPUTE THE FIRST INCH OF RUNOFF FROM THE DEVELOPED PROJECT

$= 1'' \times 24.6 \text{ AC.} \times 1/12 = \underline{2.05 \text{ AC.-FT}}$

2. COMPUTE 2.5 TIMES THE % IMPERVIOUSNESS

a.) SITE AREA FOR WATER QUALITY = 24.6 - (1.3 + 2.2) = 21.1 AC.

MALCOLM PIRNIE

MALCOLM PIRNIE, INC.

BY CT DATE 8-9-02 SHEET NO. 4 OF 8

CHKD. BY ..... DATE ..... JOB NO. 1971036

SUBJECT LEE CO. TRANSFER STATION

b.) IMPERVIOUS AREA FOR WATER QUALITY = 21.1 AC. - 13.8 AC. = 7.3 AC.

c.) % IMPERVIOUSNESS FOR WATER QUALITY = 7.3 / 21.1 × 100% = 34.6%

d.) 2.5 TIMES % IMPERVIOUSNESS = 2.5 × 0.346 = 0.86 IN.

e.) VOLUME REQ'D FOR QUALITY DETENTION

= 0.86 × (24.6 AC. - 1.3 AC.) × 1/12 = 1.68 AC-FT

3. SINCE 2.05 > 1.68, THE VOLUME OF 2.05 AC-FT CONTROLS.

4. COMPUTE 0.5 INCH OF PRETREATMENT

= 0.5 IN. × (24.6 - 1.3) × 1/12 = 0.97 AC-FT

5. COMPUTE REQ'D DETENTION POND VOLUME

= 2.54 - 0.97 = 1.57 AC.-FT

THE REQUIRED VOLUME FOR A RETENTION SYSTEM IS 50% OF THIS AMOUNT

= 1.57 (0.5) = 0.78 AC.-FT

B. PROJECT SURFACE STORAGE

1. ASSUMPTIONS

a.) POND STORAGE BEGINS AT THE WET SEASON WATER TABLE ELEVATION OF 21.4' NGVD.

b.) STORAGE IS VERTICAL OVER THE 1.3 AC. POND SURFACE

c.) SITE STORAGE IS LINEAR

MALCOLM PIRNIE

MALCOLM PIRNIE, INC.

BY: DS DATE: 8-4-02 SHEET NO. 5 OF 8

CHKD. BY: DATE: JOB NO. 1971036

SUBJECT: LEE CO. TRANSFER STATION

2. DEVELOP PROJECT STAGE - STORAGE CURVE

STAGE (FT, NGVD)	POND (AC.-FT)	SITE (AC.-FT)	PROJECT (AC.-FT)
21.4	0	0	0
22.4	1.3(1) = 1.3	0	1.3
23.4	1.3(2) = 2.6	((1.0/2.6) × 21.1) × (1.0/2) = 4.1	6.7
24.0	1.3(2.6) = 3.4	((1.6/2.6) × 21.1) × (1.6/2) = 10.4	13.8
25.0	1.3(3.6) = 4.7	((2.6/2.6) × 21.1) × (2.6/2) = 27.4	32.1

C. OVERFLOW STRUCTURE WEIR CREST ELEVATION

1. SET THE SWALE INVERT HIGH ENOUGH TO STORE 0.78 AC.-FT

2. FROM THE STAGE - STORAGE CURVE, THE SWALE INVERT SHOULD BE SET NO LOWER THAN 22.2' NGVD

D. SIZE THE OVERFLOW SWALE

1. ALLOWABLE DISCHARGE IS 37 CSM

= 37 CSM × 24.6 AC. (1/640) = 1.42 CFS

2. DETERMINE SOIL STORAGE FOR THE DEVELOPED SITE

a.) COMPUTE IMPERVIOUS FOR SOIL STORAGE

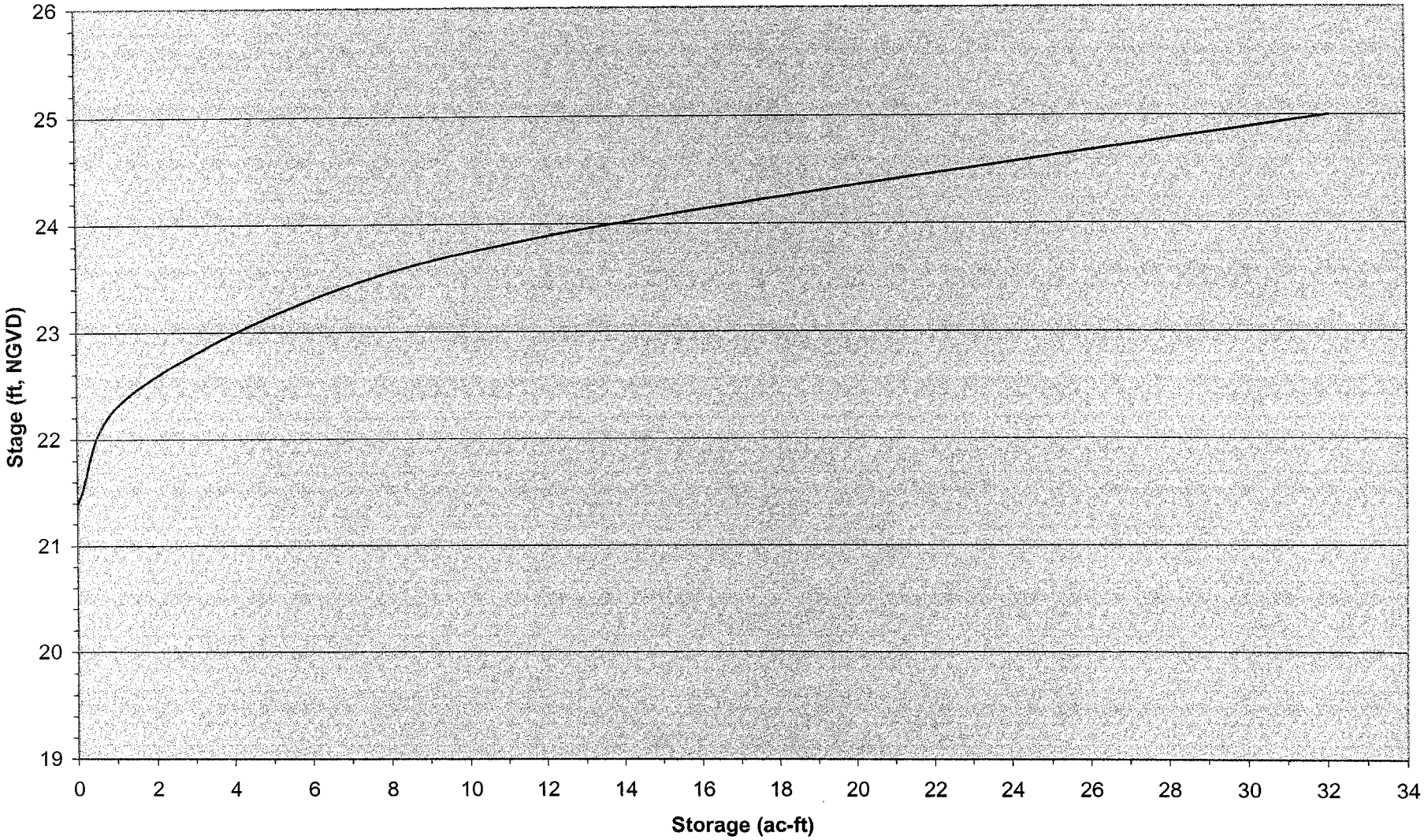
POND = 1.3 AC.
ROADS = 7.3 AC.
ROOF = 2.2 AC.

TOTAL = 10.8 AC.

b.) COMPUTE PERVIOUS ACREAGE

= 24.6 AC. - 10.8 AC. = 13.8 AC.

Stage-Storage Curve



c.) COMPUTE DEPTH TO WATER TABLE

= AVERAGE FINISHED SITE GRADE ELEVATION - WET SEASON WATER TABLE ELEVATION

= 23.5' - 21.4' = 2.1'

d.) DETERMINE AVAILABLE SOIL MOISTURE STORAGE

- USE 25% REDUCTION DUE TO SOIL COMPACTION

- FROM FIG. C-III-1, SOIL STORAGE OF 1.88" WILL BE AVAILABLE UNDER PERVIOUS AREAS

e.) COMPUTE COMPOSITE SITE SOIL MOISTURE STORAGE (S)

= (13.8 AC / 24.6 AC) × 1.88" = 1.05" = S

3. DETERMINE THE MAXIMUM STAGE (ZERO DISCHARGE) DURING A 5-YR AND 25-YR STORM

a.) FOR A 5-YR, 24-HR STORM,

P_{10} = 5.0 IN.

$Q_{10} = (5.0 - 0.2(1.05))^2 / (5.0 + 0.8(1.05)) = 3.93"$

$V_{10} = 3.93"(24.6\ AC) \times 1/12 = 8.1$ AC-FT

THE ZERO DISCHARGE STAGE IS 23.5' NGVD.

MALCOLM PIRNIE

MALCOLM PIRNIE, INC.

BY: CT DATE: 8-9-02 SHEET NO. 7 OF 8

CHKD. BY: ..... DATE: ..... JOB NO. 19110326

SUBJECT: LEE CO. TRANSFER STATION

b.) FOR A 25-YR, 72-HR STORM,

$P_{25} = 11.5''$

$Q_{10} = ((11.5 - 0.2(1.05))^2 / (11.5 + 0.8(1.05)) = 10.33''$

$V_{10} = 10.33'' (24.6 \text{ AC}) \times 1/12 = 21.17 \text{ AC-FT}$

THE ZERO DISCHARGE STAGE IS 24.4' NGVD

4. DESIGN THE CROSS-SECTION OF THE OVERFLOW SWALE

- THE OVERFLOW SWALE WILL BE DESIGNED AS AN OPEN CHANNEL CONVEYANCE STRUCTURE CAPABLE OF HANDLING FLOW FROM A 25-YR, 72-HR STORM.

UPSTREAM INVERT = 22.7'
DOWNSTREAM INVERT = 22.2' NGVD
BOTTOM SLOPE = .00052 FT/FT = S_o
LENGTH = 950' = L
GRASSED INVERT N = 0.030
WIDTH (B) = 2.4'
MAX WATER LEVEL = 1.3' = H_o
SIDE SLOPE 3:1
Q_{MAX} = 1.42 CFS

E. CHECK THE PROPOSED MINIMUM BUILDING FLOOR ELEVATION (100-YR, 72-HR STORM)

$P_{100} = 15.0''$

$Q_{100} = ((15.0 - 0.2(1.05))^2 / (15.0 + 0.8(1.05)) = 13.8''$

$V_{10} = 13.8'' (24.6 \text{ AC}) \times 1/12 = 28.3 \text{ AC-FT}$

THE ZERO DISCHARGE STAGE IS 24.8' NGVD, SO THE MINIMUM FLOOR ELEVATION OF 25.0' NGVD IS SUFFICIENT.

MALCOLM PIRNIE

MALCOLM PIRNIE, INC.

BY: [illegible] DATE: 8-9-02 SHEET NO. 8 OF 8

CHKD. BY: ..... DATE: ..... JOB NO. 19710360

SUBJECT: LEE CO. TRANSFER STATION

IV. CHECK EXISTING AND EXPANDED STORMWATER SYSTEM

PURPOSE:

1. DETERMINE ADEQUACY OF EXISTING STORMWATER SYSTEM FOR DEVELOPMENT OF THE TRANSFER STATION.

2. DETERMINE THE ADEQUACY OF THE EXISTING AND EXPANDED STORMWATER SYSTEM

3. DETERMINE ADEQUACY OF MINIMUM ELEVATIONS

4. DETERMINE ADEQUACY OF EXISTING CONTROL STRUCTURE FOR ALLOWABLE DISCHARGE

COMBINED SITE AREA (AC.)

	EXISTING BASIN 1	EXISTING BASIN 2	EXISTING BASIN 3	PROPOSED TS BASIN	TOTAL
TOTAL AREA	31.6	14.8	11.0	24.6	82.0
IMPERVIOUS					
a) ROOF	1.6	1.3	1.5	2.2	6.6
b) PAVEMENT	4.7	1.0	4.4	7.3	17.4
PONDS	5.1	2.3	0	1.3	8.7
PERVIOUS	20.2	10.2	5.1	13.8	49.3

THE EXISTING SYSTEM AND EXPANDED SYSTEM WERE MODELED ON ADICPR, AND THE MINIMUM ELEVATIONS, ALLOWABLE DISCHARGE, AND OTHER PARAMETERS WERE ACCEPTABLE. THE DATA FROM EACH MODEL IS ATTACHED, ALONG WITH A COPY OF THE SITE CALCULATIONS FROM THE RMPP EXPANSION.

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********** Input Report **********
--------Class: Node--------
Name: ARCH Base Flow(cfs): 0 Init Stage(ft): 21.4
Group: BASE Warn Stage(ft): 24
Comment:

Stage(ft)	Area(ac)
21.4	0.9
22	0.9
24.2	2.5

--------Class: Node--------
Name: BNDRY Base Flow(cfs): 0 Init Stage(ft): 21
Group: BASE Warn Stage(ft): 21
Comment:

Time(hrs)	Stage(ft)
1	21
1000	21

--------Class: Node--------
Name: DP-E Base Flow(cfs): 0 Init Stage(ft): 21.4
Group: BASE Warn Stage(ft): 22
Comment:

Stage(ft)	Area(ac)
21.4	0.93
22	0.93
22.9	5.55
23.9	5.55

--------Class: Node--------
Name: DP-W Base Flow(cfs): 0 Init Stage(ft): 21.4
Group: BASE Warn Stage(ft): 22.5
Comment:

Stage(ft)	Area(ac)
21.4	3.53
22	3.53
22.7	8.5
23.9	10.1

--------Class: Node--------
Name: EC-1 Base Flow(cfs): 0 Init Stage(ft): 22.7
Group: BASE Warn Stage(ft): 23
Comment:

Stage(ft)	Area(ac)
22.7	0.172
22.9	0.53
23.9	0.53

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********** Input Report **********
--------Class: Node--------
Name: EC-2 Base Flow(cfs): 0 Init Stage(ft): 22.6
Group: BASE Warn Stage(ft): 23
Comment:

Stage(ft)	Area(ac)
22.6	0.172
22.9	0.55
23.9	0.55

--------Class: Node--------
Name: EC-3 Base Flow(cfs): 0 Init Stage(ft): 22.5
Group: BASE Warn Stage(ft): 23
Comment:

Stage(ft)	Area(ac)
22.5	0.172
22.9	0.71
23.9	0.71

--------Class: Node--------
Name: EC-4 Base Flow(cfs): 0 Init Stage(ft): 22.4
Group: BASE Warn Stage(ft): 23
Comment:

Stage(ft)	Area(ac)
22.4	0.172
22.9	1.47
23.9	1.47

--------Class: Node--------
Name: EC-5 Base Flow(cfs): 0 Init Stage(ft): 22.3
Group: BASE Warn Stage(ft): 23
Comment:

Stage(ft)	Area(ac)
22.3	0.178
22.9	1
23.9	1

--------Class: Node--------
Name: EC-6 Base Flow(cfs): 0 Init Stage(ft): 22.2
Group: BASE Warn Stage(ft): 23
Comment:

Stage(ft)	Area(ac)
22.2	0.172
22.9	0.53
23.9	0.53

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********** Input Report **********
--------Class: Node--------
Name: P1 Base Flow(cfs): 0 Init Stage(ft): 21.9
Group: BASE Warn Stage(ft): 24
Comment:

Stage(ft)	Area(ac)
21.9	0.25
22	0.5
23	0.5
24	0.5

--------Class: Node--------
Name: P2 Base Flow(cfs): 0 Init Stage(ft): 21.8
Group: BASE Warn Stage(ft): 24
Comment:

Stage(ft)	Area(ac)
21.8	0.25
24	1.15

--------Class: Node--------
Name: P3 Base Flow(cfs): 0 Init Stage(ft): 21.7
Group: BASE Warn Stage(ft): 24
Comment:

Stage(ft)	Area(ac)
21.7	0.25
24	0.66

--------Class: Node--------
Name: P4 Base Flow(cfs): 0 Init Stage(ft): 21.6
Group: BASE Warn Stage(ft): 24
Comment:

Stage(ft)	Area(ac)
21.6	0.25
24	0.62

--------Class: Node--------
Name: RP-E Base Flow(cfs): -0.78 Init Stage(ft): 21.4
Group: BASE Warn Stage(ft): 22
Comment:

Stage(ft)	Area(ac)
21.4	0.74
22	0.74
22.9	3.6
24	3.6

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********** Input Report **********
--------Class: Node--------
Name: RP-W Base Flow(cfs): -0.78 Init Stage(ft): 21.4
Group: BASE Warn Stage(ft): 22
Comment:

Stage(ft)	Area(ac)
21.4	1.58
22	1.58
22.7	5.5
24	5.5

--------Class: Node--------
Name: TS1 Base Flow(cfs): -0.78 Init Stage(ft): 21.4
Group: BASE Warn Stage(ft): 24
Comment:

Stage(ft)	Area(ac)
21.4	1.3
22.4	1.5
23.4	6.7
24	13.8

--------Class: Node--------
Name: WC-1 Base Flow(cfs): 0 Init Stage(ft): 22.4
Group: BASE Warn Stage(ft): 22.7
Comment:

Stage(ft)	Area(ac)
22.4	0.14
22.7	0.14
23.9	0.14

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********** Input Report **********
--------Class: Pipe--------

Name:	SET1	From Node:	P4	Length(ft):	60
Group:	BASE	To Node:	DP-E	Count:	2

	UPSTREAM	DOWNSTREAM		
			Equation:	Average K
Geometry:	Circular	Circular	Flow:	Positive
Span(in):	12	12	Entrance Loss Coef:	0
Rise(in):	12	12	Exit Loss Coef:	0
Invert(ft):	21.6	21.5	Bend Loss Coef:	0
Manning's N:	0.13	0.13	Outlet Cntrl Spec:	Use dc or
Top Clip(in):	0	0	Inlet Cntrl Spec:	Use dn
Bottom Clip(in):	0	0	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall 1 1

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall 1 1

--------Class: Pipe--------

Name:	SET2	From Node:	ARCH	Length(ft):	60
Group:	BASE	To Node:	DP-W	Count:	2

	UPSTREAM	DOWNSTREAM		
			Equation:	Average K
Geometry:	Circular	Circular	Flow:	Positive
Span(in):	12	12	Entrance Loss Coef:	0
Rise(in):	12	12	Exit Loss Coef:	0
Invert(ft):	21.6	21.5	Bend Loss Coef:	0
Manning's N:	0.13	0.13	Outlet Cntrl Spec:	Use dc or
Top Clip(in):	0	0	Inlet Cntrl Spec:	Use dn
Bottom Clip(in):	0	0	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall 1 1

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall 1 1

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********** Input Report **********
--------Class: Pipe----------

Name:	SET3	From Node:	DP-W	Length(ft):	80
Group:	BASE	To Node:	DP-E	Count:	2

	UPSTREAM	DOWNSTREAM		
			Equation:	Average K
Geometry:	Circular	Circular	Flow:	Positive
Span(in):	12	12	Entrance Loss Coef:	0
Rise(in):	12	12	Exit Loss Coef:	0
Invert(ft):	18	17.5	Bend Loss Coef:	0
Manning's N:	0.13	0.13	Outlet Cntrl Spec:	Use dc or
Top Clip(in):	0	0	Inlet Cntrl Spec:	Use dn
Bottom Clip(in):	0	0	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall 1 1

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall 1 1

--------Class: Weir----------

Name:	RP-1	From Node:	RP-W
Group:	BASE	To Node:	RP-E
Count:	1		

Type: Fread Flow: Both Geometry: Trapezoidal

Bottom Width(ft):	200
Left Side Slope(h/v):	3
Right Side Slope(h/v):	3
Invert(ft):	22
Control Elev(ft):	22
StructOpeningDim(ft):	9999 TABLE
Bottom Clip(ft):	0
Top Clip(ft):	0
Weir Discharge Coef:	3.13
Orifice Discharge Coef:	0.6

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********** Input Report **********

--------Class: Weir--------

```
    Name: RP-2                From Node: RP-W
   Group: BASE                  To Node: WC-1
   Count: 1

 Type: Fread    Flow: Positive   Geometry: Trapezoidal

      Bottom Width(ft): 10
  Left Side Slope(h/v): 3
 Right Side Slope(h/v): 3
            Invert(ft): 22.7
      Control Elev(ft): 22.7
  StructOpeningDim(ft): 9999        TABLE
       Bottom Clip(ft): 0
          Top Clip(ft): 0
   Weir Discharge Coef: 3.13
Orifice Discharge Coef: 0.6
```

--------Class: Weir--------

```
    Name: RP-3                From Node: RP-E
   Group: BASE                  To Node: EC-1
   Count: 1

 Type: Fread    Flow: Positive   Geometry: Trapezoidal

      Bottom Width(ft): 50
  Left Side Slope(h/v): 3
 Right Side Slope(h/v): 3
            Invert(ft): 22.9
      Control Elev(ft): 22.9
  StructOpeningDim(ft): 9999        TABLE
       Bottom Clip(ft): 0
          Top Clip(ft): 0
   Weir Discharge Coef: 3.13
Orifice Discharge Coef: 0.6
```

```
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Lee Co. WTE - Transfer Station Addition


********** Input Report ************************************************
--------Class: Simulation-----------------------------------------------
D:\ICPR2\PROJECTS\TS
Execution: Both
Header: Transfer Station 25-yr, 72-hr storm


---------HYDRAULICS----------------------------HYDROLOGY-----------------
        Max Delta Z (ft): 4
          Delta Z Factor: 0              Override Defaults: Yes
     Time Step Optimizer: 0                 Storm Dur(hrs): 72
Drop Structure Optimizer: 0               Rain Amount(in): 11.5
     Sim Start Time(hrs): 0                 Rainfall File: SFWMD72
       Sim End Time(hrs): 336
      Min Calc Time(sec): 0
      Max Calc Time(sec): 0
        To Hour:   PInc(min):                 To Hour:   PInc(min):
        336        60                         336        60
---------GROUP SELECTIONS----------------------------------------------
+ BASE     [08/09/02]
```

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.20) [1]
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Transfer Station 25-yr, 72-hr storm

********** Basin Summary - TS **********

Basin Name:	PL1	PL2	PL3	PL4	E1
Group Name:	BASE	BASE	BASE	BASE	BASE
Node Name:	P1	P2	P3	P4	RP-E
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH256	UH256	UH256	UH256	UH256
Peaking Factor:	256	256	256	256	256
Spec Time Inc (min):	1.33	1.33	1.33	1.33	1.33
Comp Time Inc (min):	1.33	1.33	1.33	1.33	1.33
Rainfall File:	SFWMD72	SFWMD72	SFWMD72	SFWMD72	SFWMD72
Rainfall Amount (in):	11.5	11.5	11.5	11.5	11.5
Storm Duration (hr):	72	72	72	72	72
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	10	10	10	10	10
Lag Time (hr):	0	0	0	0	0
Area (acres):	1.25	1.15	0.66	0.62	4.37
Vol of Unit Hyd (in):	1	1	1	1	1
Curve Number:	90	80	80	80	63
DCIA (%):	0	0	0	0	0
Time Max (hrs):	60.02	60.02	60.02	60.02	60.02
Flow Max (cfs):	6.27	5.46	3.13	2.94	17.08
Runoff Volume (in):	10.26	8.96	8.96	8.96	6.58
Runoff Volume (cf):	46567	37403	21466	20165	104370

Basin Name:	E2	E3	E4	E5	E6
Group Name:	BASE	BASE	BASE	BASE	BASE
Node Name:	EC-1	EC-2	EC-3	EC-4	EC-5
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH256	UH256	UH256	UH256	UH256
Peaking Factor:	256	256	256	256	256
Spec Time Inc (min):	1.33	1.33	1.33	1.33	1.33
Comp Time Inc (min):	1.33	1.33	1.33	1.33	1.33
Rainfall File:	SFWMD72	SFWMD72	SFWMD72	SFWMD72	SFWMD72
Rainfall Amount (in):	11.5	11.5	11.5	11.5	11.5
Storm Duration (hr):	72	72	72	72	72
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	10	10	10	10	10
Lag Time (hr):	0	0	0	0	0
Area (acres):	0.53	0.55	0.71	1.47	1
Vol of Unit Hyd (in):	1	1	1	1	1
Curve Number:	61	61	61	61	61
DCIA (%):	0	0	0	0	0
Time Max (hrs):	60.02	60.02	60.02	60.02	60.02
Flow Max (cfs):	2	2.08	2.68	5.56	3.78
Runoff Volume (in):	6.29	6.29	6.29	6.29	6.29
Runoff Volume (cf):	12093	12550	16201	33542	22818

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Transfer Station 25-yr, 72-hr storm

********** Basin Summary - TS **********

Basin Name:	E7	E8	A1	W1	W2
Group Name:	BASE	BASE	BASE	BASE	BASE
Node Name:	EC-6	DP-E	ARCH	RP-W	WC-1
Hydrograph Type:	UH	UH	UH	UH	UH
Unit Hydrograph:	UH256	UH256	UH256	UH256	UH256
Peaking Factor:	256	256	256	256	256
Spec Time Inc (min):	1.33	1.33	1.33	1.33	1.33
Comp Time Inc (min):	1.33	1.33	1.33	1.33	1.33
Rainfall File:	SFWMD72	SFWMD72	SFWMD72	SFWMD72	SFWMD72
Rainfall Amount (in):	11.5	11.5	11.5	11.5	11.5
Storm Duration (hr):	72	72	72	72	72
Status:	ONSITE	ONSITE	ONSITE	ONSITE	ONSITE
Time of Conc. (min):	10	10	10	10	10
Lag Time (hr):	0	0	0	0	0
Area (acres):	0.53	5.55	4.19	10.78	0.14
Vol of Unit Hyd (in):	1	1	1	1	1
Curve Number:	61	61	80	71	61
DCIA (%):	0	0	0	0	0
Time Max (hrs):	60.02	60.02	60.02	60.02	60.02
Flow Max (cfs):	2	20.98	19.89	47.01	0.53
Runoff Volume (in):	6.29	6.29	8.96	7.73	6.29
Runoff Volume (cf):	12093	126638	136276	302313	3194

Basin Name:	W3	TRANSFER
Group Name:	BASE	BASE
Node Name:	DP-W	TS1
Hydrograph Type:	UH	UH
Unit Hydrograph:	UH256	UH256
Peaking Factor:	256	256
Spec Time Inc (min):	1.33	1.33
Comp Time Inc (min):	1.33	1.33
Rainfall File:	SFWMD72	SFWMD72
Rainfall Amount (in):	11.5	11.5
Storm Duration (hr):	72	72
Status:	ONSITE	ONSITE
Time of Conc. (min):	10	10
Lag Time (hr):	0	0
Area (acres):	24.09	24.6
Vol of Unit Hyd (in):	1	1
Curve Number:	85	91
DCIA (%):	0	0
Time Max (hrs):	60.02	60.02
Flow Max (cfs):	118.12	123.84
Runoff Volume (in):	9.62	10.39
Runoff Volume (cf):	841252	927728

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	ARCH							
0	21.4	0.9	0	0	0	0	0	0	0	0
1.012	21.4	0.9	0	0	0	0	0	0	0	0
2.012	21.4	0.9	0	0	0	0	0	0	0	0
3.012	21.4	0.9	0	0	0	0	0	0	0	0
4.012	21.4	0.9	0	0	0	0	0	0	0	0
5.012	21.4	0.9	0	0	0	0	0	0	0	0
6.012	21.4	0.9	0	0	0	0	0	0	0	0
7.012	21.4	0.9	0	0	0	0	0	0	0	0
8.012	21.4	0.9	0	0	0	0	0	0	0	0
9.012	21.4	0.9	0	0	0	0	0	0	0	0
10.012	21.4	0.9	0	0	0	0	0	0	0	0
11.012	21.4	0.9	0	0.01	0	0	0	0	0.0004	0
12.012	21.4	0.9	0	0.02	0	0	0	0	0.0015	0
13.012	21.4	0.9	0	0.02	0	0	0	0	0.0033	0
14.012	21.41	0.9	0	0.03	0	0	0	0	0.0056	0
15.012	21.41	0.9	0	0.04	0	0	0	0	0.0085	0
16.012	21.41	0.9	0	0.05	0	0	0	0	0.012	0
17.012	21.42	0.9	0	0.05	0	0	0	0	0.016	0
18.012	21.42	0.9	0	0.06	0	0	0	0	0.0205	0
19.012	21.43	0.9	0	0.06	0	0	0	0	0.0255	0
20.012	21.43	0.9	0	0.07	0	0	0	0	0.0309	0
21.012	21.44	0.9	0	0.07	0	0	0	0	0.0367	0
22.012	21.45	0.9	0	0.08	0	0	0	0	0.043	0
23.012	21.46	0.9	0	0.08	0	0	0	0	0.0496	0
24.012	21.46	0.9	0	0.09	0	0	0	0	0.0566	0
25.012	21.47	0.9	0	0.13	0	0	0	0	0.0657	0
26.012	21.49	0.9	0	0.14	0	0	0	0	0.077	0
27.012	21.5	0.9	0	0.15	0	0	0	0	0.0891	0
28.012	21.51	0.9	0	0.16	0	0	0	0	0.1017	0
29.012	21.53	0.9	0	0.16	0	0	0	0	0.1148	0
30.012	21.54	0.9	0	0.17	0	0	0	0	0.1285	0
31.012	21.56	0.9	0	0.17	0	0	0	0	0.1427	0
32.012	21.57	0.9	0	0.18	0	0	0	0	0.1574	0
33.012	21.59	0.9	0	0.19	0	0	0	0	0.1725	0
34.012	21.61	0.9	0	0.19	0	0	0	0	0.188	0
35.012	21.63	0.9	0	0.19	0	0	0	0	0.2039	0
36.012	21.64	0.9	0	0.2	0	0	0	0	0.2201	0
37.012	21.66	0.9	0	0.21	0	0	0	0	0.2368	0
38.012	21.68	0.9	0	0.21	0	0	0	0	0.254	0
39.012	21.7	0.9	0	0.21	0	0	0	0	0.2714	0
40.012	21.72	0.9	0	0.22	0	0	0	0	0.2892	0
41.012	21.74	0.9	0	0.22	0	0	0	0	0.3072	0
42.012	21.76	0.9	0	0.22	0	0	0	0	0.3255	0
43.012	21.78	0.9	0	0.23	0	0	0	0	0.3441	0
44.012	21.8	0.9	0	0.23	0	0	0	0	0.3629	0
45.012	21.82	0.9	0	0.23	0	0	0	0	0.382	0
46.012	21.85	0.9	0	0.23	0	0	0	0	0.4013	0
47.012	21.87	0.9	0	0.24	0	0	0	0	0.4208	0
48.012	21.89	0.9	0	0.24	0	0	0	0	0.4405	0
49.012	21.91	0.9	0	0.27	0	0	0	0	0.4616	0

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	21.94	0.9	0	0.28	0	0	0	0	0.4842	0
51.012	21.97	0.9	0	0.33	0	0	0	0	0.5094	0
52.012	22	0.9	0	0.37	0	0	0	0	0.5383	0
53.012	22.04	0.93	0	0.48	0	0	0	0	0.5735	0
54.012	22.08	0.96	0	0.6	0	0	0	0	0.6185	0
55.012	22.14	1	0	0.73	0	0	0	0	0.6738	0
56.012	22.2	1.05	0	0.87	0	0	0	0	0.74	0
57.012	22.28	1.1	0	1.03	0	0	0	0	0.8185	0
58.012	22.36	1.17	0	1.34	0	0	0	0	0.9165	0
59.012	22.48	1.25	0	2.16	0	0	0	0	1.0612	0
60.007	23.1	1.7	0	19.69	0	0	0	0	1.96	0
61.007	23.59	2.06	0	2.92	0	0	0	0	2.8942	0
62.007	23.68	2.12	0	1.62	0	0	0	0	3.0817	0
63.007	23.73	2.16	0	1.05	0	0	0	0	3.1919	0
64.007	23.77	2.19	0	1.03	0	0	0	0	3.2775	0
65.007	23.8	2.21	0	0.62	0	0	0	0	3.3453	0
66.007	23.83	2.23	0	0.62	0	0	0	0	3.3964	0
67.007	23.85	2.24	0	0.62	0	0	0	0	3.4477	0
68.007	23.87	2.26	0	0.62	0	0	0	0	3.499	0
69.007	23.89	2.27	0	0.41	0	0	0	0	3.5417	0
70.007	23.9	2.29	0	0.41	0	0	0	0	3.5757	0
71.007	23.92	2.3	0	0.41	0	0	0	0	3.6098	0
72.007	23.93	2.31	0	0.41	0	0	0	0	3.644	0
73.007	23.94	2.31	0	0	0	0	0	0	3.661	0
74.007	23.94	2.31	0	0	0	0	0	0	3.661	0
75.007	23.94	2.31	0	0	0	0	0	0	3.661	0
76.007	23.94	2.31	0	0	0	0	0	0	3.661	0
77.007	23.94	2.31	0	0	0	0	0	0	3.661	0
78.007	23.94	2.31	0	0	0	0	0	0	3.661	0
79.007	23.94	2.31	0	0	0	0	0	0	3.661	0
80.007	23.94	2.31	0	0	0	0	0	0	3.661	0
81.007	23.94	2.31	0	0	0	0	0	0	3.661	0
82.007	23.94	2.31	0	0	0	0	0	0	3.661	0
83.007	23.94	2.31	0	0	0	0	0	0	3.661	0
84.007	23.94	2.31	0	0	0	0	0	0	3.661	0
85.007	23.94	2.31	0	0	0	0	0	0	3.661	0
86.007	23.94	2.31	0	0	0	0	0	0	3.661	0
87.007	23.94	2.31	0	0	0	0	0	0	3.661	0
88.007	23.94	2.31	0	0	0	0	0	0	3.661	0
89.007	23.94	2.31	0	0	0	0	0	0	3.661	0
90.007	23.94	2.31	0	0	0	0	0	0	3.661	0
91.007	23.94	2.31	0	0	0	0	0	0	3.661	0
92.007	23.94	2.31	0	0	0	0	0	0	3.661	0
93.007	23.94	2.31	0	0	0	0	0	0	3.661	0
94.007	23.94	2.31	0	0	0	0	0	0	3.661	0
95.007	23.94	2.31	0	0	0	0	0	0	3.661	0
96.007	23.94	2.31	0	0	0	0	0	0	3.661	0
97.007	23.94	2.31	0	0	0	0	0	0	3.661	0
98.007	23.94	2.31	0	0	0	0	0	0	3.661	0
99.007	23.94	2.31	0	0	0	0	0	0	3.661	0
100.007	23.94	2.31	0	0	0	0	0	0	3.661	0

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	23.94	2.31	0	0	0	0	0	0	3.661	0
102.007	23.94	2.31	0	0	0	0	0	0	3.661	0
103.007	23.94	2.31	0	0	0	0	0	0	3.661	0
104.007	23.94	2.31	0	0	0	0	0	0	3.661	0
105.007	23.94	2.31	0	0	0	0	0	0	3.661	0
106.007	23.94	2.31	0	0	0	0	0	0	3.661	0
107.007	23.94	2.31	0	0	0	0	0	0	3.661	0
108.007	23.94	2.31	0	0	0	0	0	0	3.661	0
109.007	23.94	2.31	0	0	0	0	0	0	3.661	0
110.007	23.94	2.31	0	0	0	0	0	0	3.661	0
111.007	23.94	2.31	0	0	0	0	0	0	3.661	0
112.007	23.94	2.31	0	0	0	0	0	0	3.661	0
113.007	23.94	2.31	0	0	0	0	0	0	3.661	0
114.007	23.94	2.31	0	0	0	0	0	0	3.661	0
115.007	23.94	2.31	0	0	0	0	0	0	3.661	0
116.007	23.94	2.31	0	0	0	0	0	0	3.661	0
117.007	23.94	2.31	0	0	0	0	0	0	3.661	0
118.007	23.94	2.31	0	0	0	0	0	0.04	3.661	0.0016
119.007	23.94	2.31	0	0	0	0	0	0.06	3.661	0.0059
120.007	23.94	2.31	0	0	0	0	0	0.08	3.661	0.0118
121.007	23.93	2.31	0	0	0	0	0	0.09	3.661	0.0187
122.007	23.93	2.3	0	0	0	0	0	0.09	3.661	0.0263
123.007	23.93	2.3	0	0	0	0	0	0.1	3.661	0.0344
124.007	23.92	2.3	0	0	0	0	0	0.1	3.661	0.0428
125.007	23.92	2.3	0	0	0	0	0	0.11	3.661	0.0516
126.007	23.92	2.29	0	0	0	0	0	0.11	3.661	0.0605
127.007	23.91	2.29	0	0	0	0	0	0.11	3.661	0.0697
128.007	23.91	2.29	0	0	0	0	0	0.11	3.661	0.079
129.007	23.9	2.28	0	0	0	0	0	0.11	3.661	0.0885
130.007	23.9	2.28	0	0	0	0	0	0.12	3.661	0.098
131.007	23.9	2.28	0	0	0	0	0	0.12	3.661	0.1077
132.007	23.89	2.28	0	0	0	0	0	0.12	3.661	0.1173
133.007	23.89	2.27	0	0	0	0	0	0.12	3.661	0.1271
134.007	23.88	2.27	0	0	0	0	0	0.12	3.661	0.1368
135.007	23.88	2.27	0	0	0	0	0	0.12	3.661	0.1466
136.007	23.87	2.26	0	0	0	0	0	0.12	3.661	0.1564
137.007	23.87	2.26	0	0	0	0	0	0.12	3.661	0.1662
138.007	23.86	2.26	0	0	0	0	0	0.12	3.661	0.176
139.007	23.86	2.25	0	0	0	0	0	0.12	3.661	0.1858
140.007	23.86	2.25	0	0	0	0	0	0.12	3.661	0.1956
141.007	23.85	2.25	0	0	0	0	0	0.12	3.661	0.2054
142.007	23.85	2.24	0	0	0	0	0	0.12	3.661	0.2152
143.007	23.84	2.24	0	0	0	0	0	0.12	3.661	0.2249
144.007	23.84	2.24	0	0	0	0	0	0.12	3.661	0.2347
145.007	23.83	2.23	0	0	0	0	0	0.12	3.661	0.2444
146.007	23.83	2.23	0	0	0	0	0	0.12	3.661	0.2541
147.007	23.83	2.23	0	0	0	0	0	0.12	3.661	0.2637
148.007	23.82	2.22	0	0	0	0	0	0.12	3.661	0.2734
149.007	23.82	2.22	0	0	0	0	0	0.12	3.661	0.283
150.007	23.81	2.22	0	0	0	0	0	0.12	3.661	0.2925
151.007	23.81	2.22	0	0	0	0	0	0.12	3.661	0.3021

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	23.8	2.21	0	0	0	0	0	0.11	3.661	0.3116
153.007	23.8	2.21	0	0	0	0	0	0.11	3.661	0.3211
154.007	23.8	2.21	0	0	0	0	0	0.11	3.661	0.3306
155.007	23.79	2.2	0	0	0	0	0	0.11	3.661	0.34
156.007	23.79	2.2	0	0	0	0	0	0.11	3.661	0.3494
157.007	23.78	2.2	0	0	0	0	0	0.11	3.661	0.3587
158.007	23.78	2.19	0	0	0	0	0	0.11	3.661	0.3681
159.007	23.77	2.19	0	0	0	0	0	0.11	3.661	0.3774
160.007	23.77	2.19	0	0	0	0	0	0.11	3.661	0.3867
161.007	23.77	2.18	0	0	0	0	0	0.11	3.661	0.3959
162.007	23.76	2.18	0	0	0	0	0	0.11	3.661	0.4051
163.007	23.76	2.18	0	0	0	0	0	0.11	3.661	0.4143
164.007	23.75	2.18	0	0	0	0	0	0.11	3.661	0.4234
165.007	23.75	2.17	0	0	0	0	0	0.11	3.661	0.4325
166.007	23.74	2.17	0	0	0	0	0	0.11	3.661	0.4416
167.007	23.74	2.17	0	0	0	0	0	0.11	3.661	0.4507
168.007	23.74	2.16	0	0	0	0	0	0.11	3.661	0.4597
169.007	23.73	2.16	0	0	0	0	0	0.11	3.661	0.4686
170.007	23.73	2.16	0	0	0	0	0	0.11	3.661	0.4776
171.007	23.72	2.15	0	0	0	0	0	0.11	3.661	0.4865
172.007	23.72	2.15	0	0	0	0	0	0.11	3.661	0.4954
173.007	23.72	2.15	0	0	0	0	0	0.11	3.661	0.5042
174.007	23.71	2.14	0	0	0	0	0	0.11	3.661	0.5131
175.007	23.71	2.14	0	0	0	0	0	0.11	3.661	0.5219
176.007	23.7	2.14	0	0	0	0	0	0.11	3.661	0.5306
177.007	23.7	2.14	0	0	0	0	0	0.11	3.661	0.5393
178.007	23.7	2.13	0	0	0	0	0	0.1	3.661	0.548
179.007	23.69	2.13	0	0	0	0	0	0.1	3.661	0.5567
180.007	23.69	2.13	0	0	0	0	0	0.1	3.661	0.5653
181.007	23.68	2.12	0	0	0	0	0	0.1	3.661	0.5739
182.007	23.68	2.12	0	0	0	0	0	0.1	3.661	0.5825
183.007	23.68	2.12	0	0	0	0	0	0.1	3.661	0.591
184.007	23.67	2.12	0	0	0	0	0	0.1	3.661	0.5995
185.007	23.67	2.11	0	0	0	0	0	0.1	3.661	0.608
186.007	23.66	2.11	0	0	0	0	0	0.1	3.661	0.6164
187.007	23.66	2.11	0	0	0	0	0	0.1	3.661	0.6249
188.007	23.66	2.1	0	0	0	0	0	0.1	3.661	0.6332
189.007	23.65	2.1	0	0	0	0	0	0.1	3.661	0.6416
190.007	23.65	2.1	0	0	0	0	0	0.1	3.661	0.6499
191.007	23.64	2.1	0	0	0	0	0	0.1	3.661	0.6582
192.007	23.64	2.09	0	0	0	0	0	0.1	3.661	0.6665
193.007	23.64	2.09	0	0	0	0	0	0.1	3.661	0.6747
194.007	23.63	2.09	0	0	0	0	0	0.1	3.661	0.6829
195.007	23.63	2.08	0	0	0	0	0	0.1	3.661	0.6911
196.007	23.62	2.08	0	0	0	0	0	0.1	3.661	0.6993
197.007	23.62	2.08	0	0	0	0	0	0.1	3.661	0.7074
198.007	23.62	2.08	0	0	0	0	0	0.1	3.661	0.7155
199.007	23.61	2.07	0	0	0	0	0	0.1	3.661	0.7235
200.007	23.61	2.07	0	0	0	0	0	0.1	3.661	0.7316
201.007	23.6	2.07	0	0	0	0	0	0.1	3.661	0.7396
202.007	23.6	2.06	0	0	0	0	0	0.1	3.661	0.7476

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
203.007	23.6	2.06	0	0	0	0	0	0.1	3.661	0.7555
204.007	23.59	2.06	0	0	0	0	0	0.1	3.661	0.7634
205.007	23.59	2.06	0	0	0	0	0	0.1	3.661	0.7713
206.007	23.58	2.05	0	0	0	0	0	0.1	3.661	0.7792
207.007	23.58	2.05	0	0	0	0	0	0.09	3.661	0.787
208.007	23.58	2.05	0	0	0	0	0	0.09	3.661	0.7949
209.007	23.57	2.04	0	0	0	0	0	0.09	3.661	0.8026
210.007	23.57	2.04	0	0	0	0	0	0.09	3.661	0.8104
211.007	23.57	2.04	0	0	0	0	0	0.09	3.661	0.8181
212.007	23.56	2.04	0	0	0	0	0	0.09	3.661	0.8258
213.007	23.56	2.03	0	0	0	0	0	0.09	3.661	0.8335
214.007	23.55	2.03	0	0	0	0	0	0.09	3.661	0.8412
215.007	23.55	2.03	0	0	0	0	0	0.09	3.661	0.8488
216.007	23.55	2.03	0	0	0	0	0	0.09	3.661	0.8564
217.007	23.54	2.02	0	0	0	0	0	0.09	3.661	0.864
218.007	23.54	2.02	0	0	0	0	0	0.09	3.661	0.8715
219.007	23.54	2.02	0	0	0	0	0	0.09	3.661	0.8791
220.007	23.53	2.01	0	0	0	0	0	0.09	3.661	0.8866
221.007	23.53	2.01	0	0	0	0	0	0.09	3.661	0.894
222.007	23.52	2.01	0	0	0	0	0	0.09	3.661	0.9015
223.007	23.52	2.01	0	0	0	0	0	0.09	3.661	0.9089
224.007	23.52	2	0	0	0	0	0	0.09	3.661	0.9163
225.007	23.51	2	0	0	0	0	0	0.09	3.661	0.9237
226.007	23.51	2	0	0	0	0	0	0.09	3.661	0.931
227.007	23.51	2	0	0	0	0	0	0.09	3.661	0.9383
228.007	23.5	1.99	0	0	0	0	0	0.09	3.661	0.9456
229.007	23.5	1.99	0	0	0	0	0	0.09	3.661	0.9529
230.007	23.5	1.99	0	0	0	0	0	0.09	3.661	0.9602
231.007	23.49	1.98	0	0	0	0	0	0.09	3.661	0.9674
232.007	23.49	1.98	0	0	0	0	0	0.09	3.661	0.9746
233.007	23.48	1.98	0	0	0	0	0	0.09	3.661	0.9817
234.007	23.48	1.98	0	0	0	0	0	0.09	3.661	0.9889
235.007	23.48	1.97	0	0	0	0	0	0.09	3.661	0.996
236.007	23.47	1.97	0	0	0	0	0	0.09	3.661	1.0031
237.007	23.47	1.97	0	0	0	0	0	0.09	3.661	1.0101
238.007	23.47	1.97	0	0	0	0	0	0.08	3.661	1.0172
239.007	23.46	1.96	0	0	0	0	0	0.08	3.661	1.0242
240.007	23.46	1.96	0	0	0	0	0	0.08	3.661	1.0311
241.007	23.46	1.96	0	0	0	0	0	0.08	3.661	1.0381
242.007	23.45	1.96	0	0	0	0	0	0.08	3.661	1.045
243.007	23.45	1.95	0	0	0	0	0	0.08	3.661	1.0519
244.007	23.45	1.95	0	0	0	0	0	0.08	3.661	1.0587
245.007	23.44	1.95	0	0	0	0	0	0.08	3.661	1.0656
246.007	23.44	1.95	0	0	0	0	0	0.08	3.661	1.0724
247.007	23.43	1.94	0	0	0	0	0	0.08	3.661	1.0791
248.007	23.43	1.94	0	0	0	0	0	0.08	3.661	1.0859
249.007	23.43	1.94	0	0	0	0	0	0.08	3.661	1.0926
250.007	23.42	1.94	0	0	0	0	0	0.08	3.661	1.0993
251.007	23.42	1.93	0	0	0	0	0	0.08	3.661	1.106
252.007	23.42	1.93	0	0	0	0	0	0.08	3.661	1.1126
253.007	23.41	1.93	0	0	0	0	0	0.08	3.661	1.1192

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
254.007	23.41	1.93	0	0	0	0	0	0.08	3.661	1.1258
255.007	23.41	1.92	0	0	0	0	0	0.08	3.661	1.1323
256.007	23.4	1.92	0	0	0	0	0	0.08	3.661	1.1389
257.007	23.4	1.92	0	0	0	0	0	0.08	3.661	1.1454
258.007	23.4	1.92	0	0	0	0	0	0.08	3.661	1.1518
259.007	23.39	1.91	0	0	0	0	0	0.08	3.661	1.1583
260.007	23.39	1.91	0	0	0	0	0	0.08	3.661	1.1647
261.007	23.39	1.91	0	0	0	0	0	0.08	3.661	1.1711
262.007	23.38	1.91	0	0	0	0	0	0.08	3.661	1.1775
263.007	23.38	1.9	0	0	0	0	0	0.08	3.661	1.1838
264.007	23.38	1.9	0	0	0	0	0	0.08	3.661	1.1901
265.007	23.37	1.9	0	0	0	0	0	0.08	3.661	1.1964
266.007	23.37	1.9	0	0	0	0	0	0.08	3.661	1.2027
267.007	23.37	1.89	0	0	0	0	0	0.08	3.661	1.2089
268.007	23.36	1.89	0	0	0	0	0	0.08	3.661	1.2151
269.007	23.36	1.89	0	0	0	0	0	0.07	3.661	1.2213
270.007	23.36	1.89	0	0	0	0	0	0.07	3.661	1.2275
271.007	23.35	1.88	0	0	0	0	0	0.07	3.661	1.2336
272.007	23.35	1.88	0	0	0	0	0	0.07	3.661	1.2397
273.007	23.35	1.88	0	0	0	0	0	0.07	3.661	1.2458
274.007	23.34	1.88	0	0	0	0	0	0.07	3.661	1.2519
275.007	23.34	1.88	0	0	0	0	0	0.07	3.661	1.2579
276.007	23.34	1.87	0	0	0	0	0	0.07	3.661	1.2639
277.007	23.33	1.87	0	0	0	0	0	0.07	3.661	1.2699
278.007	23.33	1.87	0	0	0	0	0	0.07	3.661	1.2759
279.007	23.33	1.87	0	0	0	0	0	0.07	3.661	1.2818
280.007	23.33	1.86	0	0	0	0	0	0.07	3.661	1.2877
281.007	23.32	1.86	0	0	0	0	0	0.07	3.661	1.2936
282.007	23.32	1.86	0	0	0	0	0	0.07	3.661	1.2995
283.007	23.32	1.86	0	0	0	0	0	0.07	3.661	1.3054
284.007	23.31	1.85	0	0	0	0	0	0.07	3.661	1.3112
285.007	23.31	1.85	0	0	0	0	0	0.07	3.661	1.317
286.007	23.31	1.85	0	0	0	0	0	0.07	3.661	1.3228
287.007	23.3	1.85	0	0	0	0	0	0.07	3.661	1.3285
288.007	23.3	1.85	0	0	0	0	0	0.07	3.661	1.3342
289.007	23.3	1.84	0	0	0	0	0	0.07	3.661	1.34
290.007	23.29	1.84	0	0	0	0	0	0.07	3.661	1.3456
291.007	23.29	1.84	0	0	0	0	0	0.07	3.661	1.3513
292.007	23.29	1.84	0	0	0	0	0	0.07	3.661	1.3569
293.007	23.28	1.83	0	0	0	0	0	0.07	3.661	1.3626
294.007	23.28	1.83	0	0	0	0	0	0.07	3.661	1.3682
295.007	23.28	1.83	0	0	0	0	0	0.07	3.661	1.3737
296.007	23.28	1.83	0	0	0	0	0	0.07	3.661	1.3793
297.007	23.27	1.83	0	0	0	0	0	0.07	3.661	1.3848
298.007	23.27	1.82	0	0	0	0	0	0.07	3.661	1.3903
299.007	23.27	1.82	0	0	0	0	0	0.07	3.661	1.3958
300.007	23.26	1.82	0	0	0	0	0	0.07	3.661	1.4013
301.007	23.26	1.82	0	0	0	0	0	0.07	3.661	1.4067
302.007	23.26	1.81	0	0	0	0	0	0.07	3.661	1.4121
303.007	23.25	1.81	0	0	0	0	0	0.07	3.661	1.4175
304.007	23.25	1.81	0	0	0	0	0	0.06	3.661	1.4229

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	23.25	1.81	0	0	0	0	0	0.06	3.661	1.4283
306.007	23.25	1.81	0	0	0	0	0	0.06	3.661	1.4336
307.007	23.24	1.8	0	0	0	0	0	0.06	3.661	1.4389
308.007	23.24	1.8	0	0	0	0	0	0.06	3.661	1.4442
309.007	23.24	1.8	0	0	0	0	0	0.06	3.661	1.4495
310.007	23.23	1.8	0	0	0	0	0	0.06	3.661	1.4548
311.007	23.23	1.8	0	0	0	0	0	0.06	3.661	1.46
312.007	23.23	1.79	0	0	0	0	0	0.06	3.661	1.4652
313.007	23.23	1.79	0	0	0	0	0	0.06	3.661	1.4704
314.007	23.22	1.79	0	0	0	0	0	0.06	3.661	1.4756
315.007	23.22	1.79	0	0	0	0	0	0.06	3.661	1.4807
316.007	23.22	1.78	0	0	0	0	0	0.06	3.661	1.4859
317.007	23.21	1.78	0	0	0	0	0	0.06	3.661	1.491
318.007	23.21	1.78	0	0	0	0	0	0.06	3.661	1.4961
319.007	23.21	1.78	0	0	0	0	0	0.06	3.661	1.5012
320.007	23.21	1.78	0	0	0	0	0	0.06	3.661	1.5062
321.007	23.2	1.77	0	0	0	0	0	0.06	3.661	1.5113
322.007	23.2	1.77	0	0	0	0	0	0.06	3.661	1.5163
323.007	23.2	1.77	0	0	0	0	0	0.06	3.661	1.5213
324.007	23.19	1.77	0	0	0	0	0	0.06	3.661	1.5263
325.007	23.19	1.77	0	0	0	0	0	0.06	3.661	1.5312
326.007	23.19	1.76	0	0	0	0	0	0.06	3.661	1.5362
327.007	23.19	1.76	0	0	0	0	0	0.06	3.661	1.5411
328.007	23.18	1.76	0	0	0	0	0	0.06	3.661	1.546
329.007	23.18	1.76	0	0	0	0	0	0.06	3.661	1.5509
330.007	23.18	1.76	0	0	0	0	0	0.06	3.661	1.5558
331.007	23.17	1.75	0	0	0	0	0	0.06	3.661	1.5606
332.007	23.17	1.75	0	0	0	0	0	0.06	3.661	1.5655
333.007	23.17	1.75	0	0	0	0	0	0.06	3.661	1.5703
334.007	23.17	1.75	0	0	0	0	0	0.06	3.661	1.5751
335.007	23.16	1.75	0	0	0	0	0	0.06	3.661	1.5799
336.007	23.16	1.74	0	0	0	0	0	0.06	3.661	1.5846
336.016	23.16	1.74	0	0	0	0	0	0.06	3.661	1.5847

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	BNDRY							
0	21	0	0	0	0	0	0	0	0	0
1.012	21	0	0	0	0	0	0	0	0	0
2.012	21	0	0	0	0	0	0	0	0	0
3.012	21	0	0	0	0	0	0	0	0	0
4.012	21	0	0	0	0	0	0	0	0	0
5.012	21	0	0	0	0	0	0	0	0	0
6.012	21	0	0	0	0	0	0	0	0	0
7.012	21	0	0	0	0	0	0	0	0	0
8.012	21	0	0	0	0	0	0	0	0	0
9.012	21	0	0	0	0	0	0	0	0	0
10.012	21	0	0	0	0	0	0	0	0	0
11.012	21	0	0	0	0	0	0	0	0	0
12.012	21	0	0	0	0	0	0	0	0	0
13.012	21	0	0	0	0	0	0	0	0	0
14.012	21	0	0	0	0	0	0	0	0	0
15.012	21	0	0	0	0	0	0	0	0.0001	0
16.012	21	0	0	0	0	0	0	0	0.0003	0
17.012	21	0	0	0	0	0	0	0	0.0005	0
18.012	21	0	0	0	0	0	0.01	0	0.0008	0
19.012	21	0	0	0	0	0	0.01	0	0.0014	0
20.012	21	0	0	0	0	0	0.01	0	0.002	0
21.012	21	0	0	0	0	0	0.01	0	0.0028	0
22.012	21	0	0	0	0	0	0.01	0	0.0037	0
23.012	21	0	0	0	0	0	0.01	0	0.0047	0
24.012	21	0	0	0	0	0	0.02	0	0.0059	0
25.012	21	0	0	0	0	0	0.02	0	0.0073	0
26.012	21	0	0	0	0	0	0.02	0	0.0089	0
27.012	21	0	0	0	0	0	0.02	0	0.0107	0
28.012	21	0	0	0	0	0	0.03	0	0.0128	0
29.012	21	0	0	0	0	0	0.03	0	0.0153	0
30.012	21	0	0	0	0	0	0.04	0	0.0181	0
31.012	21	0	0	0	0	0	0.04	0	0.0213	0
32.012	21	0	0	0	0	0	0.05	0	0.0249	0
33.012	21	0	0	0	0	0	0.05	0	0.0291	0
34.012	21	0	0	0	0	0	0.06	0	0.0338	0
35.012	21	0	0	0	0	0	0.07	0	0.0392	0
36.012	21	0	0	0	0	0	0.08	0	0.0453	0
37.012	21	0	0	0	0	0	0.09	0	0.052	0
38.012	21	0	0	0	0	0	0.1	0	0.0596	0
39.012	21	0	0	0	0	0	0.11	0	0.0679	0
40.012	21	0	0	0	0	0	0.12	0	0.0771	0
41.012	21	0	0	0	0	0	0.13	0	0.0871	0
42.012	21	0	0	0	0	0	0.13	0	0.0979	0
43.012	21	0	0	0	0	0	0.14	0	0.1093	0
44.012	21	0	0	0	0	0	0.15	0	0.1215	0
45.012	21	0	0	0	0	0	0.18	0	0.1353	0
46.012	21	0	0	0	0	0	0.19	0	0.1504	0
47.012	21	0	0	0	0	0	0.2	0	0.1665	0
48.012	21	0	0	0	0	0	0.21	0	0.1834	0
49.012	21	0	0	0	0	0	0.22	0	0.201	0

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	21	0	0	0	0	0	0.23	0	0.2193	0
51.012	21	0	0	0	0	0	0.23	0	0.2383	0
52.012	21	0	0	0	0	0	0.24	0	0.2581	0
53.012	21	0	0	0	0	0	0.25	0	0.2786	0
54.012	21	0	0	0	0	0	0.26	0	0.3	0
55.012	21	0	0	0	0	0	0.28	0	0.3224	0
56.012	21	0	0	0	0	0	0.29	0	0.3459	0
57.012	21	0	0	0	0	0	0.31	0	0.3708	0
58.012	21	0	0	0	0	0	0.33	0	0.3972	0
59.012	21	0	0	0	0	0	0.36	0	0.4255	0
60.007	21	0	0	0	0	0	0.48	0	0.4599	0
61.007	21	0	0	0	0	0	0.57	0	0.5032	0
62.007	21	0	0	0	0	0	0.59	0	0.5512	0
63.007	21	0	0	0	0	0	0.61	0	0.6007	0
64.007	21	0	0	0	0	0	0.62	0	0.6513	0
65.007	21	0	0	0	0	0	0.63	0	0.7028	0
66.007	21	0	0	0	0	0	0.63	0	0.7548	0
67.007	21	0	0	0	0	0	0.64	0	0.8074	0
68.007	21	0	0	0	0	0	0.65	0	0.8606	0
69.007	21	0	0	0	0	0	0.65	0	0.9142	0
70.007	21	0	0	0	0	0	0.66	0	0.9683	0
71.007	21	0	0	0	0	0	0.66	0	1.0229	0
72.007	21	0	0	0	0	0	0.67	0	1.0778	0
73.007	21	0	0	0	0	0	0.67	0	1.133	0
74.007	21	0	0	0	0	0	0.67	0	1.1885	0
75.007	21	0	0	0	0	0	0.67	0	1.2441	0
76.007	21	0	0	0	0	0	0.68	0	1.2999	0
77.007	21	0	0	0	0	0	0.68	0	1.3558	0
78.007	21	0	0	0	0	0	0.68	0	1.4118	0
79.007	21	0	0	0	0	0	0.68	0	1.468	0
80.007	21	0	0	0	0	0	0.68	0	1.5242	0
81.007	21	0	0	0	0	0	0.68	0	1.5805	0
82.007	21	0	0	0	0	0	0.68	0	1.6369	0
83.007	21	0	0	0	0	0	0.68	0	1.6934	0
84.007	21	0	0	0	0	0	0.68	0	1.7499	0
85.007	21	0	0	0	0	0	0.68	0	1.8064	0
86.007	21	0	0	0	0	0	0.68	0	1.8629	0
87.007	21	0	0	0	0	0	0.69	0	1.9195	0
88.007	21	0	0	0	0	0	0.69	0	1.9762	0
89.007	21	0	0	0	0	0	0.69	0	2.0328	0
90.007	21	0	0	0	0	0	0.69	0	2.0895	0
91.007	21	0	0	0	0	0	0.69	0	2.1463	0
92.007	21	0	0	0	0	0	0.69	0	2.203	0
93.007	21	0	0	0	0	0	0.69	0	2.2598	0
94.007	21	0	0	0	0	0	0.69	0	2.3166	0
95.007	21	0	0	0	0	0	0.69	0	2.3735	0
96.007	21	0	0	0	0	0	0.69	0	2.4303	0
97.007	21	0	0	0	0	0	0.69	0	2.4872	0
98.007	21	0	0	0	0	0	0.69	0	2.5442	0
99.007	21	0	0	0	0	0	0.69	0	2.6011	0
100.007	21	0	0	0	0	0	0.69	0	2.658	0

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	21	0	0	0	0	0	0.69	0	2.715	0
102.007	21	0	0	0	0	0	0.69	0	2.772	0
103.007	21	0	0	0	0	0	0.69	0	2.829	0
104.007	21	0	0	0	0	0	0.69	0	2.886	0
105.007	21	0	0	0	0	0	0.69	0	2.943	0
106.007	21	0	0	0	0	0	0.69	0	3.0001	0
107.007	21	0	0	0	0	0	0.69	0	3.0571	0
108.007	21	0	0	0	0	0	0.69	0	3.1142	0
109.007	21	0	0	0	0	0	0.69	0	3.1713	0
110.007	21	0	0	0	0	0	0.69	0	3.2283	0
111.007	21	0	0	0	0	0	0.69	0	3.2854	0
112.007	21	0	0	0	0	0	0.69	0	3.3425	0
113.007	21	0	0	0	0	0	0.69	0	3.3996	0
114.007	21	0	0	0	0	0	0.69	0	3.4567	0
115.007	21	0	0	0	0	0	0.69	0	3.5138	0
116.007	21	0	0	0	0	0	0.69	0	3.5709	0
117.007	21	0	0	0	0	0	0.69	0	3.628	0
118.007	21	0	0	0	0	0	0.69	0	3.6851	0
119.007	21	0	0	0	0	0	0.69	0	3.7422	0
120.007	21	0	0	0	0	0	0.69	0	3.7993	0
121.007	21	0	0	0	0	0	0.69	0	3.8563	0
122.007	21	0	0	0	0	0	0.69	0	3.9134	0
123.007	21	0	0	0	0	0	0.69	0	3.9705	0
124.007	21	0	0	0	0	0	0.69	0	4.0275	0
125.007	21	0	0	0	0	0	0.69	0	4.0846	0
126.007	21	0	0	0	0	0	0.69	0	4.1417	0
127.007	21	0	0	0	0	0	0.69	0	4.1987	0
128.007	21	0	0	0	0	0	0.69	0	4.2557	0
129.007	21	0	0	0	0	0	0.69	0	4.3127	0
130.007	21	0	0	0	0	0	0.69	0	4.3697	0
131.007	21	0	0	0	0	0	0.69	0	4.4267	0
132.007	21	0	0	0	0	0	0.69	0	4.4837	0
133.007	21	0	0	0	0	0	0.69	0	4.5407	0
134.007	21	0	0	0	0	0	0.69	0	4.5976	0
135.007	21	0	0	0	0	0	0.69	0	4.6546	0
136.007	21	0	0	0	0	0	0.69	0	4.7115	0
137.007	21	0	0	0	0	0	0.69	0	4.7684	0
138.007	21	0	0	0	0	0	0.69	0	4.8253	0
139.007	21	0	0	0	0	0	0.69	0	4.8821	0
140.007	21	0	0	0	0	0	0.69	0	4.939	0
141.007	21	0	0	0	0	0	0.69	0	4.9958	0
142.007	21	0	0	0	0	0	0.69	0	5.0526	0
143.007	21	0	0	0	0	0	0.69	0	5.1094	0
144.007	21	0	0	0	0	0	0.69	0	5.1662	0
145.007	21	0	0	0	0	0	0.69	0	5.2229	0
146.007	21	0	0	0	0	0	0.69	0	5.2796	0
147.007	21	0	0	0	0	0	0.69	0	5.3363	0
148.007	21	0	0	0	0	0	0.69	0	5.393	0
149.007	21	0	0	0	0	0	0.69	0	5.4497	0
150.007	21	0	0	0	0	0	0.69	0	5.5063	0
151.007	21	0	0	0	0	0	0.68	0	5.5629	0

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	21	0	0	0	0	0	0.68	0	5.6195	0
153.007	21	0	0	0	0	0	0.68	0	5.676	0
154.007	21	0	0	0	0	0	0.68	0	5.7325	0
155.007	21	0	0	0	0	0	0.68	0	5.789	0
156.007	21	0	0	0	0	0	0.68	0	5.8455	0
157.007	21	0	0	0	0	0	0.68	0	5.9019	0
158.007	21	0	0	0	0	0	0.68	0	5.9583	0
159.007	21	0	0	0	0	0	0.68	0	6.0147	0
160.007	21	0	0	0	0	0	0.68	0	6.0711	0
161.007	21	0	0	0	0	0	0.68	0	6.1274	0
162.007	21	0	0	0	0	0	0.68	0	6.1838	0
163.007	21	0	0	0	0	0	0.68	0	6.2401	0
164.007	21	0	0	0	0	0	0.68	0	6.2963	0
165.007	21	0	0	0	0	0	0.68	0	6.3526	0
166.007	21	0	0	0	0	0	0.68	0	6.4088	0
167.007	21	0	0	0	0	0	0.68	0	6.465	0
168.007	21	0	0	0	0	0	0.68	0	6.5212	0
169.007	21	0	0	0	0	0	0.68	0	6.5774	0
170.007	21	0	0	0	0	0	0.68	0	6.6335	0
171.007	21	0	0	0	0	0	0.68	0	6.6896	0
172.007	21	0	0	0	0	0	0.68	0	6.7457	0
173.007	21	0	0	0	0	0	0.68	0	6.8017	0
174.007	21	0	0	0	0	0	0.68	0	6.8577	0
175.007	21	0	0	0	0	0	0.68	0	6.9137	0
176.007	21	0	0	0	0	0	0.68	0	6.9697	0
177.007	21	0	0	0	0	0	0.68	0	7.0256	0
178.007	21	0	0	0	0	0	0.68	0	7.0815	0
179.007	21	0	0	0	0	0	0.68	0	7.1374	0
180.007	21	0	0	0	0	0	0.68	0	7.1933	0
181.007	21	0	0	0	0	0	0.68	0	7.2491	0
182.007	21	0	0	0	0	0	0.67	0	7.3049	0
183.007	21	0	0	0	0	0	0.67	0	7.3606	0
184.007	21	0	0	0	0	0	0.67	0	7.4164	0
185.007	21	0	0	0	0	0	0.67	0	7.4721	0
186.007	21	0	0	0	0	0	0.67	0	7.5277	0
187.007	21	0	0	0	0	0	0.67	0	7.5834	0
188.007	21	0	0	0	0	0	0.67	0	7.639	0
189.007	21	0	0	0	0	0	0.67	0	7.6945	0
190.007	21	0	0	0	0	0	0.67	0	7.7501	0
191.007	21	0	0	0	0	0	0.67	0	7.8056	0
192.007	21	0	0	0	0	0	0.67	0	7.861	0
193.007	21	0	0	0	0	0	0.67	0	7.9165	0
194.007	21	0	0	0	0	0	0.67	0	7.9719	0
195.007	21	0	0	0	0	0	0.67	0	8.0272	0
196.007	21	0	0	0	0	0	0.67	0	8.0826	0
197.007	21	0	0	0	0	0	0.67	0	8.1379	0
198.007	21	0	0	0	0	0	0.67	0	8.1931	0
199.007	21	0	0	0	0	0	0.67	0	8.2483	0
200.007	21	0	0	0	0	0	0.67	0	8.3035	0
201.007	21	0	0	0	0	0	0.67	0	8.3587	0
202.007	21	0	0	0	0	0	0.67	0	8.4138	0

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
203.007	21	0	0	0	0	0	0.67	0	8.4689	0
204.007	21	0	0	0	0	0	0.67	0	8.5239	0
205.007	21	0	0	0	0	0	0.67	0	8.5789	0
206.007	21	0	0	0	0	0	0.66	0	8.6338	0
207.007	21	0	0	0	0	0	0.66	0	8.6888	0
208.007	21	0	0	0	0	0	0.66	0	8.7436	0
209.007	21	0	0	0	0	0	0.66	0	8.7985	0
210.007	21	0	0	0	0	0	0.66	0	8.8533	0
211.007	21	0	0	0	0	0	0.66	0	8.9081	0
212.007	21	0	0	0	0	0	0.66	0	8.9628	0
213.007	21	0	0	0	0	0	0.66	0	9.0175	0
214.007	21	0	0	0	0	0	0.66	0	9.0721	0
215.007	21	0	0	0	0	0	0.66	0	9.1267	0
216.007	21	0	0	0	0	0	0.66	0	9.1813	0
217.007	21	0	0	0	0	0	0.66	0	9.2358	0
218.007	21	0	0	0	0	0	0.66	0	9.2903	0
219.007	21	0	0	0	0	0	0.66	0	9.3447	0
220.007	21	0	0	0	0	0	0.66	0	9.3991	0
221.007	21	0	0	0	0	0	0.66	0	9.4534	0
222.007	21	0	0	0	0	0	0.66	0	9.5077	0
223.007	21	0	0	0	0	0	0.66	0	9.562	0
224.007	21	0	0	0	0	0	0.66	0	9.6162	0
225.007	21	0	0	0	0	0	0.66	0	9.6704	0
226.007	21	0	0	0	0	0	0.65	0	9.7245	0
227.007	21	0	0	0	0	0	0.65	0	9.7786	0
228.007	21	0	0	0	0	0	0.65	0	9.8327	0
229.007	21	0	0	0	0	0	0.65	0	9.8867	0
230.007	21	0	0	0	0	0	0.65	0	9.9406	0
231.007	21	0	0	0	0	0	0.65	0	9.9946	0
232.007	21	0	0	0	0	0	0.65	0	10.0485	0
233.007	21	0	0	0	0	0	0.65	0	10.1024	0
234.007	21	0	0	0	0	0	0.65	0	10.1563	0
235.007	21	0	0	0	0	0	0.65	0	10.2101	0
236.007	21	0	0	0	0	0	0.65	0	10.2639	0
237.007	21	0	0	0	0	0	0.65	0	10.3177	0
238.007	21	0	0	0	0	0	0.65	0	10.3715	0
239.007	21	0	0	0	0	0	0.65	0	10.4252	0
240.007	21	0	0	0	0	0	0.65	0	10.4789	0
241.007	21	0	0	0	0	0	0.65	0	10.5326	0
242.007	21	0	0	0	0	0	0.65	0	10.5862	0
243.007	21	0	0	0	0	0	0.65	0	10.6398	0
244.007	21	0	0	0	0	0	0.65	0	10.6934	0
245.007	21	0	0	0	0	0	0.65	0	10.747	0
246.007	21	0	0	0	0	0	0.65	0	10.8005	0
247.007	21	0	0	0	0	0	0.65	0	10.854	0
248.007	21	0	0	0	0	0	0.65	0	10.9075	0
249.007	21	0	0	0	0	0	0.65	0	10.9609	0
250.007	21	0	0	0	0	0	0.65	0	11.0143	0
251.007	21	0	0	0	0	0	0.65	0	11.0677	0
252.007	21	0	0	0	0	0	0.65	0	11.121	0
253.007	21	0	0	0	0	0	0.64	0	11.1743	0

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
254.007	21	0	0	0	0	0	0.64	0	11.2276	0
255.007	21	0	0	0	0	0	0.64	0	11.2808	0
256.007	21	0	0	0	0	0	0.64	0	11.334	0
257.007	21	0	0	0	0	0	0.64	0	11.3872	0
258.007	21	0	0	0	0	0	0.64	0	11.4404	0
259.007	21	0	0	0	0	0	0.64	0	11.4935	0
260.007	21	0	0	0	0	0	0.64	0	11.5466	0
261.007	21	0	0	0	0	0	0.64	0	11.5996	0
262.007	21	0	0	0	0	0	0.64	0	11.6526	0
263.007	21	0	0	0	0	0	0.64	0	11.7056	0
264.007	21	0	0	0	0	0	0.64	0	11.7586	0
265.007	21	0	0	0	0	0	0.64	0	11.8115	0
266.007	21	0	0	0	0	0	0.64	0	11.8644	0
267.007	21	0	0	0	0	0	0.64	0	11.9172	0
268.007	21	0	0	0	0	0	0.64	0	11.97	0
269.007	21	0	0	0	0	0	0.64	0	12.0228	0
270.007	21	0	0	0	0	0	0.64	0	12.0755	0
271.007	21	0	0	0	0	0	0.64	0	12.1282	0
272.007	21	0	0	0	0	0	0.64	0	12.1809	0
273.007	21	0	0	0	0	0	0.64	0	12.2336	0
274.007	21	0	0	0	0	0	0.64	0	12.2862	0
275.007	21	0	0	0	0	0	0.64	0	12.3387	0
276.007	21	0	0	0	0	0	0.64	0	12.3912	0
277.007	21	0	0	0	0	0	0.63	0	12.4437	0
278.007	21	0	0	0	0	0	0.63	0	12.4962	0
279.007	21	0	0	0	0	0	0.63	0	12.5486	0
280.007	21	0	0	0	0	0	0.63	0	12.601	0
281.007	21	0	0	0	0	0	0.63	0	12.6533	0
282.007	21	0	0	0	0	0	0.63	0	12.7056	0
283.007	21	0	0	0	0	0	0.63	0	12.7579	0
284.007	21	0	0	0	0	0	0.63	0	12.8101	0
285.007	21	0	0	0	0	0	0.63	0	12.8623	0
286.007	21	0	0	0	0	0	0.63	0	12.9145	0
287.007	21	0	0	0	0	0	0.63	0	12.9666	0
288.007	21	0	0	0	0	0	0.63	0	13.0187	0
289.007	21	0	0	0	0	0	0.63	0	13.0707	0
290.007	21	0	0	0	0	0	0.63	0	13.1227	0
291.007	21	0	0	0	0	0	0.63	0	13.1747	0
292.007	21	0	0	0	0	0	0.63	0	13.2266	0
293.007	21	0	0	0	0	0	0.63	0	13.2785	0
294.007	21	0	0	0	0	0	0.63	0	13.3303	0
295.007	21	0	0	0	0	0	0.63	0	13.3821	0
296.007	21	0	0	0	0	0	0.63	0	13.4339	0
297.007	21	0	0	0	0	0	0.63	0	13.4856	0
298.007	21	0	0	0	0	0	0.63	0	13.5373	0
299.007	21	0	0	0	0	0	0.62	0	13.589	0
300.007	21	0	0	0	0	0	0.62	0	13.6406	0
301.007	21	0	0	0	0	0	0.62	0	13.6921	0
302.007	21	0	0	0	0	0	0.62	0	13.7437	0
303.007	21	0	0	0	0	0	0.62	0	13.7951	0
304.007	21	0	0	0	0	0	0.62	0	13.8466	0

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	21	0	0	0	0	0	0.62	0	13.898	0
306.007	21	0	0	0	0	0	0.62	0	13.9494	0
307.007	21	0	0	0	0	0	0.62	0	14.0007	0
308.007	21	0	0	0	0	0	0.62	0	14.052	0
309.007	21	0	0	0	0	0	0.62	0	14.1032	0
310.007	21	0	0	0	0	0	0.62	0	14.1544	0
311.007	21	0	0	0	0	0	0.62	0	14.2055	0
312.007	21	0	0	0	0	0	0.62	0	14.2566	0
313.007	21	0	0	0	0	0	0.62	0	14.3077	0
314.007	21	0	0	0	0	0	0.62	0	14.3587	0
315.007	21	0	0	0	0	0	0.62	0	14.4097	0
316.007	21	0	0	0	0	0	0.62	0	14.4607	0
317.007	21	0	0	0	0	0	0.62	0	14.5116	0
318.007	21	0	0	0	0	0	0.62	0	14.5624	0
319.007	21	0	0	0	0	0	0.61	0	14.6132	0
320.007	21	0	0	0	0	0	0.61	0	14.664	0
321.007	21	0	0	0	0	0	0.61	0	14.7147	0
322.007	21	0	0	0	0	0	0.61	0	14.7654	0
323.007	21	0	0	0	0	0	0.61	0	14.816	0
324.007	21	0	0	0	0	0	0.61	0	14.8666	0
325.007	21	0	0	0	0	0	0.61	0	14.9172	0
326.007	21	0	0	0	0	0	0.61	0	14.9677	0
327.007	21	0	0	0	0	0	0.61	0	15.0181	0
328.007	21	0	0	0	0	0	0.61	0	15.0686	0
329.007	21	0	0	0	0	0	0.61	0	15.1189	0
330.007	21	0	0	0	0	0	0.61	0	15.1693	0
331.007	21	0	0	0	0	0	0.61	0	15.2195	0
332.007	21	0	0	0	0	0	0.61	0	15.2698	0
333.007	21	0	0	0	0	0	0.61	0	15.32	0
334.007	21	0	0	0	0	0	0.61	0	15.3701	0
335.007	21	0	0	0	0	0	0.61	0	15.4202	0
336.007	21	0	0	0	0	0	0.61	0	15.4703	0
336.016	21	0	0	0	0	0	0.61	0	15.4707	0

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	DP-E							
0	21.4	0.93	0	0	0	0	0	0	0	0
1.012	21.4	0.93	0	0	0	0	0	0	0	0
2.012	21.4	0.93	0	0	0	0	0	0	0	0
3.012	21.4	0.93	0	0	0	0	0	0	0	0
4.012	21.4	0.93	0	0	0	0	0	0	0	0
5.012	21.4	0.93	0	0	0	0	0	0	0	0
6.012	21.4	0.93	0	0	0	0	0	0	0	0
7.012	21.4	0.93	0	0	0	0	0	0	0	0
8.012	21.4	0.93	0	0	0	0	0.01	0	0.0004	0
9.012	21.4	0.93	0	0	0	0	0.02	0	0.0017	0
10.012	21.4	0.93	0	0	0	0	0.03	0	0.0038	0
11.012	21.41	0.93	0	0	0	0	0.04	0	0.0067	0
12.012	21.41	0.93	0	0	0	0	0.05	0	0.0104	0
13.012	21.42	0.93	0	0	0	0	0.06	0	0.0148	0
14.012	21.42	0.93	0	0	0	0	0.07	0	0.0199	0
15.012	21.43	0.93	0	0	0	0	0.07	0	0.0257	0.0001
16.012	21.43	0.93	0	0	0	0	0.08	0	0.0321	0.0003
17.012	21.44	0.93	0	0	0	0	0.09	0	0.0391	0.0005
18.012	21.45	0.93	0	0	0	0	0.1	0.01	0.0467	0.0008
19.012	21.46	0.93	0	0	0	0	0.1	0.01	0.0549	0.0014
20.012	21.47	0.93	0	0	0	0	0.11	0.01	0.0637	0.002
21.012	21.48	0.93	0	0	0	0	0.12	0.01	0.073	0.0028
22.012	21.48	0.93	0	0	0	0	0.12	0.01	0.0829	0.0037
23.012	21.49	0.93	0	0	0	0	0.13	0.01	0.0933	0.0047
24.012	21.51	0.93	0	0	0	0	0.13	0.02	0.1042	0.0059
25.012	21.52	0.93	0	0	0	0	0.15	0.02	0.116	0.0073
26.012	21.53	0.93	0	0.01	0	0	0.17	0.02	0.1295	0.0089
27.012	21.54	0.93	0	0.02	0	0	0.18	0.02	0.1451	0.0107
28.012	21.56	0.94	0	0.03	0	0	0.19	0.03	0.1625	0.0128
29.012	21.58	0.94	0	0.04	0	0	0.2	0.03	0.1815	0.0153
30.012	21.6	0.94	0	0.05	0	0	0.21	0.04	0.202	0.0181
31.012	21.62	0.94	0	0.05	0	0	0.22	0.04	0.224	0.0213
32.012	21.64	0.94	0	0.06	0	0	0.23	0.05	0.2474	0.0249
33.012	21.66	0.94	0	0.07	0	0	0.24	0.05	0.2721	0.0291
34.012	21.68	0.94	0	0.08	0	0	0.25	0.06	0.2982	0.0338
35.012	21.71	0.94	0	0.08	0	0	0.26	0.07	0.3257	0.0392
36.012	21.73	0.94	0	0.09	0	0	0.27	0.08	0.3544	0.0453
37.012	21.76	0.94	0	0.1	0	0	0.27	0.09	0.3845	0.052
38.012	21.78	0.94	0	0.11	0	0	0.28	0.1	0.4159	0.0596
39.012	21.81	0.94	0	0.11	0	0	0.29	0.11	0.4485	0.0679
40.012	21.83	0.94	0	0.12	0	0	0.3	0.12	0.4822	0.0771
41.012	21.86	0.94	0	0.12	0	0	0.3	0.13	0.5168	0.0871
42.012	21.89	0.94	0	0.13	0	0	0.3	0.13	0.5523	0.0979
43.012	21.91	0.94	0	0.14	0	0	0.31	0.14	0.5885	0.1093
44.012	21.94	0.94	0	0.14	0	0	0.31	0.15	0.6252	0.1215
45.012	21.96	0.94	0	0.15	0	0	0.3	0.18	0.6622	0.1353
46.012	21.99	0.94	0	0.15	0	0	0.3	0.19	0.6992	0.1504
47.012	22.01	0.98	0	0.16	0	0	0.29	0.2	0.7362	0.1665
48.012	22.03	1.08	0	0.16	0	0	0.28	0.21	0.7729	0.1834
49.012	22.05	1.17	0	0.19	0	0	0.28	0.22	0.8105	0.201

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	22.06	1.26	0	0.2	0	0	0.28	0.23	0.8494	0.2193
51.012	22.08	1.35	0	0.24	0	0	0.29	0.23	0.891	0.2383
52.012	22.1	1.52	0	0.27	0	0	0.31	0.24	0.9368	0.2581
53.012	22.12	1.62	0	0.36	0	0	0.33	0.25	0.9891	0.2786
54.012	22.14	1.75	0	0.47	0	0	0.35	0.26	1.0517	0.3
55.012	22.17	1.9	0	0.59	0	0	0.39	0.28	1.1262	0.3224
56.012	22.2	2.06	0	0.72	0	0	0.44	0.29	1.2146	0.3459
57.012	22.24	2.26	0	0.89	0	0	0.53	0.31	1.321	0.3708
58.012	22.29	2.49	0	1.19	0	0	0.65	0.33	1.4556	0.3972
59.012	22.35	2.79	0	2.03	0	0	0.81	0.36	1.6489	0.4255
60.007	22.63	4.26	0	20.7	0	0	1.45	0.48	2.6769	0.4599
61.007	22.86	5.43	0	3.26	0	0	2.27	0.57	3.821	0.5032
62.007	22.92	5.64	0	1.83	0	0	2.1	0.59	4.2124	0.5512
63.007	22.96	5.64	0	1.19	0	0	1.76	0.61	4.4973	0.6007
64.007	22.99	5.64	0	1.18	0	0	1.34	0.62	4.7236	0.6513
65.007	23.02	5.64	0	0.71	0	0	1.21	0.63	4.9068	0.7028
66.007	23.03	5.64	0	0.72	0	0	1.19	0.63	5.0647	0.7548
67.007	23.05	5.64	0	0.72	0	0	1.18	0.64	5.2221	0.8074
68.007	23.07	5.64	0	0.72	0	0	1.17	0.65	5.3785	0.8606
69.007	23.09	5.64	0	0.48	0	0	1.15	0.65	5.5238	0.9142
70.007	23.1	5.64	0	0.48	0	0	1.13	0.66	5.6579	0.9683
71.007	23.12	5.64	0	0.48	0	0	1.12	0.66	5.7908	1.0229
72.007	23.13	5.65	0	0.48	0	0	1.1	0.67	5.9223	1.0778
73.007	23.14	5.65	0	0	0	0	1.08	0.67	6.0322	1.133
74.007	23.14	5.65	0	0	0	0	1.05	0.67	6.1203	1.1885
75.007	23.15	5.65	0	0	0	0	1.02	0.67	6.206	1.2441
76.007	23.15	5.65	0	0	0	0	1	0.68	6.2894	1.2999
77.007	23.16	5.65	0	0	0	0	0.97	0.68	6.3704	1.3558
78.007	23.16	5.65	0	0	0	0	0.94	0.68	6.4491	1.4118
79.007	23.17	5.65	0	0	0	0	0.91	0.68	6.5255	1.468
80.007	23.17	5.65	0	0	0	0	0.88	0.68	6.5993	1.5242
81.007	23.17	5.65	0	0	0	0	0.85	0.68	6.6705	1.5805
82.007	23.17	5.65	0	0	0	0	0.8	0.68	6.7387	1.6369
83.007	23.18	5.65	0	0	0	0	0.78	0.68	6.8042	1.6934
84.007	23.18	5.65	0	0	0	0	0.78	0.68	6.8688	1.7499
85.007	23.18	5.65	0	0	0	0	0.78	0.68	6.9331	1.8064
86.007	23.18	5.65	0	0	0	0	0.77	0.68	6.9971	1.8629
87.007	23.18	5.65	0	0	0	0	0.77	0.69	7.0609	1.9195
88.007	23.18	5.65	0	0	0	0	0.77	0.69	7.1245	1.9762
89.007	23.18	5.65	0	0	0	0	0.76	0.69	7.1878	2.0328
90.007	23.19	5.65	0	0	0	0	0.76	0.69	7.2508	2.0895
91.007	23.19	5.65	0	0	0	0	0.76	0.69	7.3136	2.1463
92.007	23.19	5.65	0	0	0	0	0.76	0.69	7.3762	2.203
93.007	23.19	5.65	0	0	0	0	0.75	0.69	7.4385	2.2598
94.007	23.19	5.65	0	0	0	0	0.75	0.69	7.5006	2.3166
95.007	23.19	5.65	0	0	0	0	0.75	0.69	7.5624	2.3735
96.007	23.19	5.65	0	0	0	0	0.74	0.69	7.624	2.4303
97.007	23.19	5.65	0	0	0	0	0.74	0.69	7.6854	2.4872
98.007	23.19	5.65	0	0	0	0	0.74	0.69	7.7465	2.5442
99.007	23.19	5.65	0	0	0	0	0.74	0.69	7.8074	2.6011
100.007	23.19	5.65	0	0	0	0	0.73	0.69	7.868	2.658

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	23.19	5.65	0	0	0	0	0.73	0.69	7.9284	2.715
102.007	23.19	5.65	0	0	0	0	0.73	0.69	7.9886	2.772
103.007	23.2	5.65	0	0	0	0	0.72	0.69	8.0486	2.829
104.007	23.2	5.65	0	0	0	0	0.72	0.69	8.1083	2.886
105.007	23.2	5.65	0	0	0	0	0.72	0.69	8.1678	2.943
106.007	23.2	5.65	0	0	0	0	0.72	0.69	8.2271	3.0001
107.007	23.2	5.65	0	0	0	0	0.71	0.69	8.2861	3.0571
108.007	23.2	5.65	0	0	0	0	0.71	0.69	8.345	3.1142
109.007	23.2	5.65	0	0	0	0	0.71	0.69	8.4036	3.1713
110.007	23.2	5.65	0	0	0	0	0.71	0.69	8.462	3.2283
111.007	23.2	5.65	0	0	0	0	0.7	0.69	8.5201	3.2854
112.007	23.2	5.65	0	0	0	0	0.7	0.69	8.5781	3.3425
113.007	23.2	5.65	0	0	0	0	0.7	0.69	8.6358	3.3996
114.007	23.2	5.65	0	0	0	0	0.69	0.69	8.6933	3.4567
115.007	23.2	5.65	0	0	0	0	0.69	0.69	8.7506	3.5138
116.007	23.2	5.65	0	0	0	0	0.69	0.69	8.8077	3.5709
117.007	23.2	5.65	0	0	0	0	0.69	0.69	8.8646	3.628
118.007	23.2	5.65	0	0	0	0	0.68	0.69	8.9213	3.6851
119.007	23.2	5.65	0	0	0	0	0.68	0.69	8.9777	3.7422
120.007	23.2	5.65	0	0	0	0	0.68	0.69	9.034	3.7993
121.007	23.2	5.65	0	0	0	0	0.68	0.69	9.0901	3.8563
122.007	23.2	5.65	0	0	0	0	0.68	0.69	9.1461	3.9134
123.007	23.2	5.65	0	0	0	0	0.67	0.69	9.2018	3.9705
124.007	23.2	5.65	0	0	0	0	0.67	0.69	9.2574	4.0275
125.007	23.2	5.65	0	0	0	0	0.67	0.69	9.3128	4.0846
126.007	23.2	5.65	0	0	0	0	0.67	0.69	9.368	4.1417
127.007	23.2	5.65	0	0	0	0	0.67	0.69	9.4231	4.1987
128.007	23.2	5.65	0	0	0	0	0.66	0.69	9.478	4.2557
129.007	23.2	5.65	0	0	0	0	0.66	0.69	9.5327	4.3127
130.007	23.2	5.65	0	0	0	0	0.66	0.69	9.5873	4.3697
131.007	23.19	5.65	0	0	0	0	0.66	0.69	9.6418	4.4267
132.007	23.19	5.65	0	0	0	0	0.66	0.69	9.696	4.4837
133.007	23.19	5.65	0	0	0	0	0.65	0.69	9.7501	4.5407
134.007	23.19	5.65	0	0	0	0	0.65	0.69	9.8041	4.5976
135.007	23.19	5.65	0	0	0	0	0.65	0.69	9.8579	4.6546
136.007	23.19	5.65	0	0	0	0	0.65	0.69	9.9116	4.7115
137.007	23.19	5.65	0	0	0	0	0.65	0.69	9.9651	4.7684
138.007	23.19	5.65	0	0	0	0	0.64	0.69	10.0184	4.8253
139.007	23.19	5.65	0	0	0	0	0.64	0.69	10.0716	4.8821
140.007	23.19	5.65	0	0	0	0	0.64	0.69	10.1247	4.939
141.007	23.19	5.65	0	0	0	0	0.64	0.69	10.1776	4.9958
142.007	23.19	5.65	0	0	0	0	0.64	0.69	10.2303	5.0526
143.007	23.19	5.65	0	0	0	0	0.64	0.69	10.2829	5.1094
144.007	23.19	5.65	0	0	0	0	0.63	0.69	10.3354	5.1662
145.007	23.19	5.65	0	0	0	0	0.63	0.69	10.3877	5.2229
146.007	23.19	5.65	0	0	0	0	0.63	0.69	10.4399	5.2796
147.007	23.18	5.65	0	0	0	0	0.63	0.69	10.4919	5.3363
148.007	23.18	5.65	0	0	0	0	0.63	0.69	10.5438	5.393
149.007	23.18	5.65	0	0	0	0	0.63	0.69	10.5956	5.4497
150.007	23.18	5.65	0	0	0	0	0.62	0.69	10.6472	5.5063
151.007	23.18	5.65	0	0	0	0	0.62	0.68	10.6987	5.5629

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	23.18	5.65	0	0	0	0	0.62	0.68	10.75	5.6195
153.007	23.18	5.65	0	0	0	0	0.62	0.68	10.8012	5.676
154.007	23.18	5.65	0	0	0	0	0.62	0.68	10.8523	5.7325
155.007	23.18	5.65	0	0	0	0	0.62	0.68	10.9032	5.789
156.007	23.18	5.65	0	0	0	0	0.61	0.68	10.954	5.8455
157.007	23.17	5.65	0	0	0	0	0.62	0.68	11.0051	5.9019
158.007	23.17	5.65	0	0	0	0	0.63	0.68	11.0569	5.9583
159.007	23.17	5.65	0	0	0	0	0.63	0.68	11.109	6.0147
160.007	23.17	5.65	0	0	0	0	0.63	0.68	11.161	6.0711
161.007	23.17	5.65	0	0	0	0	0.63	0.68	11.213	6.1274
162.007	23.17	5.65	0	0	0	0	0.63	0.68	11.2649	6.1838
163.007	23.17	5.65	0	0	0	0	0.63	0.68	11.3166	6.2401
164.007	23.17	5.65	0	0	0	0	0.62	0.68	11.3683	6.2963
165.007	23.17	5.65	0	0	0	0	0.62	0.68	11.4198	6.3526
166.007	23.17	5.65	0	0	0	0	0.62	0.68	11.4713	6.4088
167.007	23.17	5.65	0	0	0	0	0.62	0.68	11.5226	6.465
168.007	23.17	5.65	0	0	0	0	0.62	0.68	11.5738	6.5212
169.007	23.17	5.65	0	0	0	0	0.62	0.68	11.6249	6.5774
170.007	23.16	5.65	0	0	0	0	0.62	0.68	11.6759	6.6335
171.007	23.16	5.65	0	0	0	0	0.62	0.68	11.7268	6.6896
172.007	23.16	5.65	0	0	0	0	0.62	0.68	11.7777	6.7457
173.007	23.16	5.65	0	0	0	0	0.61	0.68	11.8285	6.8017
174.007	23.16	5.65	0	0	0	0	0.61	0.68	11.8792	6.8577
175.007	23.16	5.65	0	0	0	0	0.61	0.68	11.9296	6.9137
176.007	23.16	5.65	0	0	0	0	0.61	0.68	11.98	6.9697
177.007	23.16	5.65	0	0	0	0	0.61	0.68	12.0303	7.0256
178.007	23.16	5.65	0	0	0	0	0.61	0.68	12.0805	7.0815
179.007	23.16	5.65	0	0	0	0	0.61	0.68	12.1306	7.1374
180.007	23.15	5.65	0	0	0	0	0.6	0.68	12.1806	7.1933
181.007	23.15	5.65	0	0	0	0	0.6	0.68	12.2306	7.2491
182.007	23.15	5.65	0	0	0	0	0.6	0.67	12.2804	7.3049
183.007	23.15	5.65	0	0	0	0	0.6	0.67	12.3302	7.3606
184.007	23.15	5.65	0	0	0	0	0.6	0.67	12.3798	7.4164
185.007	23.15	5.65	0	0	0	0	0.6	0.67	12.4293	7.4721
186.007	23.15	5.65	0	0	0	0	0.6	0.67	12.4787	7.5277
187.007	23.15	5.65	0	0	0	0	0.6	0.67	12.528	7.5834
188.007	23.15	5.65	0	0	0	0	0.59	0.67	12.5772	7.639
189.007	23.14	5.65	0	0	0	0	0.59	0.67	12.6262	7.6945
190.007	23.14	5.65	0	0	0	0	0.59	0.67	12.6752	7.7501
191.007	23.14	5.65	0	0	0	0	0.59	0.67	12.7241	7.8056
192.007	23.14	5.65	0	0	0	0	0.59	0.67	12.773	7.861
193.007	23.14	5.65	0	0	0	0	0.59	0.67	12.8217	7.9165
194.007	23.14	5.65	0	0	0	0	0.59	0.67	12.8703	7.9719
195.007	23.14	5.65	0	0	0	0	0.59	0.67	12.9189	8.0272
196.007	23.14	5.65	0	0	0	0	0.58	0.67	12.9672	8.0826
197.007	23.13	5.65	0	0	0	0	0.58	0.67	13.0156	8.1379
198.007	23.13	5.65	0	0	0	0	0.58	0.67	13.0638	8.1931
199.007	23.13	5.65	0	0	0	0	0.58	0.67	13.1119	8.2483
200.007	23.13	5.65	0	0	0	0	0.58	0.67	13.16	8.3035
201.007	23.13	5.65	0	0	0	0	0.58	0.67	13.2079	8.3587
202.007	23.13	5.65	0	0	0	0	0.58	0.67	13.2557	8.4138

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
203.007	23.13	5.65	0	0	0	0	0.58	0.67	13.3035	8.4689
204.007	23.13	5.65	0	0	0	0	0.58	0.67	13.3512	8.5239
205.007	23.12	5.65	0	0	0	0	0.58	0.67	13.3987	8.5789
206.007	23.12	5.65	0	0	0	0	0.57	0.66	13.4462	8.6338
207.007	23.12	5.65	0	0	0	0	0.57	0.66	13.4936	8.6888
208.007	23.12	5.65	0	0	0	0	0.57	0.66	13.5409	8.7436
209.007	23.12	5.65	0	0	0	0	0.57	0.66	13.5881	8.7985
210.007	23.12	5.65	0	0	0	0	0.57	0.66	13.6352	8.8533
211.007	23.12	5.65	0	0	0	0	0.57	0.66	13.6821	8.9081
212.007	23.12	5.65	0	0	0	0	0.57	0.66	13.729	8.9628
213.007	23.11	5.65	0	0	0	0	0.57	0.66	13.7758	9.0175
214.007	23.11	5.65	0	0	0	0	0.56	0.66	13.8225	9.0721
215.007	23.11	5.65	0	0	0	0	0.56	0.66	13.8691	9.1267
216.007	23.11	5.65	0	0	0	0	0.56	0.66	13.9156	9.1813
217.007	23.11	5.65	0	0	0	0	0.56	0.66	13.9621	9.2358
218.007	23.11	5.65	0	0	0	0	0.56	0.66	14.0085	9.2903
219.007	23.11	5.65	0	0	0	0	0.56	0.66	14.0547	9.3447
220.007	23.1	5.65	0	0	0	0	0.56	0.66	14.1008	9.3991
221.007	23.1	5.65	0	0	0	0	0.56	0.66	14.1469	9.4534
222.007	23.1	5.65	0	0	0	0	0.56	0.66	14.1929	9.5077
223.007	23.1	5.65	0	0	0	0	0.55	0.66	14.2388	9.562
224.007	23.1	5.65	0	0	0	0	0.55	0.66	14.2846	9.6162
225.007	23.1	5.65	0	0	0	0	0.55	0.66	14.3302	9.6704
226.007	23.09	5.65	0	0	0	0	0.55	0.65	14.3759	9.7245
227.007	23.09	5.65	0	0	0	0	0.55	0.65	14.4214	9.7786
228.007	23.09	5.65	0	0	0	0	0.55	0.65	14.4669	9.8327
229.007	23.09	5.65	0	0	0	0	0.65	0.65	14.5166	9.8867
230.007	23.09	5.65	0	0	0	0	0.65	0.65	14.5706	9.9406
231.007	23.09	5.65	0	0	0	0	0.65	0.65	14.6246	9.9946
232.007	23.09	5.65	0	0	0	0	0.65	0.65	14.6786	10.0485
233.007	23.09	5.65	0	0	0	0	0.65	0.65	14.7326	10.1024
234.007	23.09	5.65	0	0	0	0	0.65	0.65	14.7865	10.1563
235.007	23.09	5.65	0	0	0	0	0.65	0.65	14.8404	10.2101
236.007	23.08	5.65	0	0	0	0	0.65	0.65	14.8943	10.2639
237.007	23.08	5.65	0	0	0	0	0.65	0.65	14.9482	10.3177
238.007	23.08	5.65	0	0	0	0	0.65	0.65	15.0021	10.3715
239.007	23.08	5.65	0	0	0	0	0.65	0.65	15.0559	10.4252
240.007	23.08	5.65	0	0	0	0	0.65	0.65	15.1097	10.4789
241.007	23.08	5.65	0	0	0	0	0.65	0.65	15.1635	10.5326
242.007	23.08	5.65	0	0	0	0	0.65	0.65	15.2173	10.5862
243.007	23.08	5.65	0	0	0	0	0.65	0.65	15.2711	10.6398
244.007	23.08	5.65	0	0	0	0	0.65	0.65	15.3248	10.6934
245.007	23.08	5.65	0	0	0	0	0.65	0.65	15.3785	10.747
246.007	23.07	5.65	0	0	0	0	0.65	0.65	15.4321	10.8005
247.007	23.07	5.65	0	0	0	0	0.65	0.65	15.4858	10.854
248.007	23.07	5.65	0	0	0	0	0.65	0.65	15.5395	10.9075
249.007	23.07	5.64	0	0	0	0	0.65	0.65	15.593	10.9609
250.007	23.07	5.64	0	0	0	0	0.65	0.65	15.6465	11.0143
251.007	23.07	5.64	0	0	0	0	0.65	0.65	15.6999	11.0677
252.007	23.07	5.64	0	0	0	0	0.65	0.65	15.7534	11.121
253.007	23.07	5.64	0	0	0	0	0.65	0.64	15.8068	11.1743

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
254.007	23.07	5.64	0	0	0	0	0.65	0.64	15.8603	11.2276
255.007	23.06	5.64	0	0	0	0	0.65	0.64	15.9138	11.2808
256.007	23.06	5.64	0	0	0	0	0.65	0.64	15.9673	11.334
257.007	23.06	5.64	0	0	0	0	0.65	0.64	16.0208	11.3872
258.007	23.06	5.64	0	0	0	0	0.64	0.64	16.0741	11.4404
259.007	23.06	5.64	0	0	0	0	0.64	0.64	16.1273	11.4935
260.007	23.06	5.64	0	0	0	0	0.64	0.64	16.1806	11.5466
261.007	23.06	5.64	0	0	0	0	0.64	0.64	16.2337	11.5996
262.007	23.06	5.64	0	0	0	0	0.64	0.64	16.2869	11.6526
263.007	23.06	5.64	0	0	0	0	0.64	0.64	16.3401	11.7056
264.007	23.05	5.64	0	0	0	0	0.64	0.64	16.3932	11.7586
265.007	23.05	5.64	0	0	0	0	0.64	0.64	16.4462	11.8115
266.007	23.05	5.64	0	0	0	0	0.64	0.64	16.4993	11.8644
267.007	23.05	5.64	0	0	0	0	0.64	0.64	16.5523	11.9172
268.007	23.05	5.64	0	0	0	0	0.64	0.64	16.6052	11.97
269.007	23.05	5.64	0	0	0	0	0.64	0.64	16.6582	12.0228
270.007	23.05	5.64	0	0	0	0	0.64	0.64	16.7111	12.0755
271.007	23.05	5.64	0	0	0	0	0.64	0.64	16.764	12.1282
272.007	23.05	5.64	0	0	0	0	0.64	0.64	16.8169	12.1809
273.007	23.04	5.64	0	0	0	0	0.64	0.64	16.8697	12.2336
274.007	23.04	5.64	0	0	0	0	0.64	0.64	16.9225	12.2862
275.007	23.04	5.64	0	0	0	0	0.64	0.64	16.9752	12.3387
276.007	23.04	5.64	0	0	0	0	0.64	0.64	17.0279	12.3912
277.007	23.04	5.64	0	0	0	0	0.64	0.63	17.0806	12.4437
278.007	23.04	5.64	0	0	0	0	0.64	0.63	17.1332	12.4962
279.007	23.04	5.64	0	0	0	0	0.64	0.63	17.1858	12.5486
280.007	23.04	5.64	0	0	0	0	0.64	0.63	17.2383	12.601
281.007	23.03	5.64	0	0	0	0	0.63	0.63	17.2908	12.6533
282.007	23.03	5.64	0	0	0	0	0.63	0.63	17.3432	12.7056
283.007	23.03	5.64	0	0	0	0	0.63	0.63	17.3956	12.7579
284.007	23.03	5.64	0	0	0	0	0.63	0.63	17.448	12.8101
285.007	23.03	5.64	0	0	0	0	0.63	0.63	17.5004	12.8623
286.007	23.03	5.64	0	0	0	0	0.63	0.63	17.5526	12.9145
287.007	23.03	5.64	0	0	0	0	0.63	0.63	17.6049	12.9666
288.007	23.03	5.64	0	0	0	0	0.63	0.63	17.6571	13.0187
289.007	23.02	5.64	0	0	0	0	0.63	0.63	17.7093	13.0707
290.007	23.02	5.64	0	0	0	0	0.54	0.63	17.7577	13.1227
291.007	23.02	5.64	0	0	0	0	0.54	0.63	17.8022	13.1747
292.007	23.02	5.64	0	0	0	0	0.54	0.63	17.8467	13.2266
293.007	23.02	5.64	0	0	0	0	0.54	0.63	17.8911	13.2785
294.007	23.02	5.64	0	0	0	0	0.54	0.63	17.9355	13.3303
295.007	23.02	5.64	0	0	0	0	0.54	0.63	17.9798	13.3821
296.007	23.01	5.64	0	0	0	0	0.53	0.63	18.024	13.4339
297.007	23.01	5.64	0	0	0	0	0.53	0.63	18.0682	13.4856
298.007	23.01	5.64	0	0	0	0	0.53	0.63	18.1122	13.5373
299.007	23.01	5.64	0	0	0	0	0.53	0.62	18.1563	13.589
300.007	23.01	5.64	0	0	0	0	0.53	0.62	18.2002	13.6406
301.007	23.01	5.64	0	0	0	0	0.53	0.62	18.2441	13.6921
302.007	23.01	5.64	0	0	0	0	0.53	0.62	18.288	13.7437
303.007	23.01	5.64	0	0	0	0	0.53	0.62	18.3317	13.7951
304.007	23	5.64	0	0	0	0	0.53	0.62	18.3754	13.8466

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	23	5.64	0	0	0	0	0.53	0.62	18.419	13.898
306.007	23	5.64	0	0	0	0	0.53	0.62	18.4625	13.9494
307.007	23	5.64	0	0	0	0	0.53	0.62	18.506	14.0007
308.007	23	5.64	0	0	0	0	0.53	0.62	18.5495	14.052
309.007	23	5.64	0	0	0	0	0.52	0.62	18.5928	14.1032
310.007	23	5.64	0	0	0	0	0.52	0.62	18.6361	14.1544
311.007	22.99	5.64	0	0	0	0	0.52	0.62	18.6793	14.2055
312.007	22.99	5.64	0	0	0	0	0.52	0.62	18.7224	14.2566
313.007	22.99	5.64	0	0	0	0	0.52	0.62	18.7655	14.3077
314.007	22.99	5.64	0	0	0	0	0.52	0.62	18.8085	14.3587
315.007	22.99	5.64	0	0	0	0	0.52	0.62	18.8515	14.4097
316.007	22.99	5.64	0	0	0	0	0.52	0.62	18.8944	14.4607
317.007	22.99	5.64	0	0	0	0	0.52	0.62	18.9372	14.5116
318.007	22.98	5.64	0	0	0	0	0.52	0.62	18.98	14.5624
319.007	22.98	5.64	0	0	0	0	0.52	0.61	19.0226	14.6132
320.007	22.98	5.64	0	0	0	0	0.52	0.61	19.0652	14.664
321.007	22.98	5.64	0	0	0	0	0.51	0.61	19.1078	14.7147
322.007	22.98	5.64	0	0	0	0	0.51	0.61	19.1503	14.7654
323.007	22.98	5.64	0	0	0	0	0.51	0.61	19.1928	14.816
324.007	22.98	5.64	0	0	0	0	0.51	0.61	19.2351	14.8666
325.007	22.97	5.64	0	0	0	0	0.51	0.61	19.2774	14.9172
326.007	22.97	5.64	0	0	0	0	0.51	0.61	19.3196	14.9677
327.007	22.97	5.64	0	0	0	0	0.51	0.61	19.3618	15.0181
328.007	22.97	5.64	0	0	0	0	0.51	0.61	19.4039	15.0686
329.007	22.97	5.64	0	0	0	0	0.51	0.61	19.4459	15.1189
330.007	22.97	5.64	0	0	0	0	0.51	0.61	19.4879	15.1693
331.007	22.97	5.64	0	0	0	0	0.51	0.61	19.5298	15.2195
332.007	22.96	5.64	0	0	0	0	0.51	0.61	19.5717	15.2698
333.007	22.96	5.64	0	0	0	0	0.5	0.61	19.6134	15.32
334.007	22.96	5.64	0	0	0	0	0.5	0.61	19.6551	15.3701
335.007	22.96	5.64	0	0	0	0	0.5	0.61	19.6968	15.4202
336.007	22.96	5.64	0	0	0	0	0.5	0.61	19.7384	15.4703
336.016	22.96	5.64	0	0	0	0	0.5	0.61	19.7388	15.4707

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	DP-W							
0	21.4	3.53	0	0	0	0	0	0	0	0
1.012	21.4	3.53	0	0	0	0	0	0	0	0
2.012	21.4	3.53	0	0	0	0	0	0	0	0
3.012	21.4	3.53	0	0	0	0	0	0	0	0
4.012	21.4	3.53	0	0	0	0	0	0	0	0
5.012	21.4	3.53	0	0	0	0	0	0	0	0
6.012	21.4	3.53	0	0	0	0	0	0	0	0
7.012	21.4	3.53	0	0	0	0	0	0	0.0001	0
8.012	21.4	3.53	0	0.06	0	0	0	0.01	0.0028	0.0004
9.012	21.4	3.53	0	0.13	0	0	0	0.02	0.0106	0.0017
10.012	21.41	3.53	0	0.19	0	0	0	0.03	0.0236	0.0038
11.012	21.41	3.53	0	0.24	0	0	0	0.04	0.0413	0.0067
12.012	21.41	3.53	0	0.29	0	0	0	0.05	0.0633	0.0104
13.012	21.42	3.53	0	0.34	0	0	0	0.06	0.0895	0.0148
14.012	21.43	3.53	0	0.38	0	0	0	0.07	0.1193	0.0199
15.012	21.44	3.53	0	0.42	0	0	0	0.07	0.1527	0.0257
16.012	21.44	3.53	0	0.46	0	0	0	0.08	0.1893	0.0321
17.012	21.45	3.53	0	0.5	0	0	0	0.09	0.2289	0.0391
18.012	21.46	3.53	0	0.53	0	0	0	0.1	0.2713	0.0467
19.012	21.47	3.53	0	0.56	0	0	0	0.1	0.3164	0.0549
20.012	21.49	3.53	0	0.59	0	0	0	0.11	0.3639	0.0637
21.012	21.5	3.53	0	0.62	0	0	0	0.12	0.4138	0.073
22.012	21.51	3.53	0	0.64	0	0	0	0.12	0.4658	0.0829
23.012	21.52	3.53	0	0.67	0	0	0	0.13	0.5199	0.0932
24.012	21.53	3.53	0	0.69	0	0	0	0.13	0.5761	0.1041
25.012	21.55	3.53	0	1.04	0	0	0	0.15	0.6477	0.1157
26.012	21.57	3.53	0	1.08	0	0	0	0.16	0.7355	0.1286
27.012	21.59	3.53	0	1.12	0	0	0	0.18	0.8265	0.1428
28.012	21.62	3.53	0	1.16	0	0	0	0.19	0.9205	0.1579
29.012	21.64	3.53	0	1.19	0	0	0	0.2	1.0173	0.1738
30.012	21.66	3.53	0	1.22	0	0	0	0.2	1.1167	0.1903
31.012	21.69	3.53	0	1.25	0	0	0	0.21	1.2185	0.2074
32.012	21.71	3.53	0	1.27	0	0	0	0.21	1.3226	0.2249
33.012	21.74	3.53	0	1.3	0	0	0	0.22	1.4287	0.2429
34.012	21.76	3.53	0	1.32	0	0	0	0.22	1.5367	0.2611
35.012	21.79	3.53	0	1.34	0	0	0	0.23	1.6466	0.2797
36.012	21.81	3.53	0	1.36	0	0	0	0.23	1.7582	0.2985
37.012	21.84	3.53	0	1.39	0	0	0	0.23	1.8719	0.3175
38.012	21.87	3.53	0	1.41	0	0	0	0.23	1.9878	0.3367
39.012	21.9	3.53	0	1.43	0	0	0	0.24	2.1051	0.3561
40.012	21.92	3.53	0	1.44	0	0	0	0.24	2.2237	0.3758
41.012	21.95	3.53	0	1.46	0	0	0	0.24	2.3436	0.3956
42.012	21.98	3.53	0	1.47	0	0	0	0.24	2.4647	0.4157
43.012	22.01	3.6	0	1.49	0	0	0	0.25	2.587	0.436
44.012	22.04	3.79	0	1.5	0	0	0	0.25	2.7103	0.4565
45.012	22.06	3.98	0	1.51	0	0	0	0.25	2.8346	0.4772
46.012	22.09	4.17	0	1.52	0	0	0	0.25	2.9599	0.4981
47.012	22.11	4.34	0	1.53	0	0	0	0.26	3.0861	0.5192
48.012	22.14	4.51	0	1.54	0	0	0	0.26	3.2132	0.5407
49.012	22.16	4.68	0	1.73	0	0	0	0.27	3.3484	0.5628

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	22.19	4.87	0	1.78	0	0	0	0.28	3.4931	0.5856
51.012	22.22	5.06	0	2.11	0	0	0	0.29	3.6538	0.6093
52.012	22.25	5.28	0	2.33	0	0	0	0.31	3.8372	0.634
53.012	22.28	5.54	0	3.05	0	0	0	0.32	4.0594	0.66
54.012	22.33	5.86	0	3.79	0	0	0	0.34	4.3422	0.6874
55.012	22.38	6.23	0	4.58	0	0	0	0.36	4.688	0.7166
56.012	22.44	6.65	0	5.38	0	0	0	0.39	5.0994	0.7475
57.012	22.5	7.11	0	6.36	0	0	0	0.41	5.5842	0.7803
58.012	22.58	7.66	0	8.19	0	0	0	0.43	6.1854	0.815
59.012	22.68	8.36	0	13.11	0	0	0	0.46	7.0655	0.8518
60.007	23.29	9.28	0	117	0	0	0	0.64	12.4165	0.8972
61.007	23.85	10.03	0	17.16	0	0	0	0.79	17.96	0.9565
62.007	23.95	10.17	0	9.5	0	0	0	0.81	19.0616	1.0226
63.007	24.01	10.25	0	6.14	0	0	0	0.81	19.708	1.0896
64.007	24.05	10.3	0	6.01	0	0	0	0.82	20.21	1.1571
65.007	24.08	10.35	0	3.6	0	0	0	0.82	20.6073	1.2248
66.007	24.11	10.37	0	3.63	0	0	0	0.82	20.9064	1.2928
67.007	24.13	10.4	0	3.63	0	0	0	0.82	21.2067	1.3609
68.007	24.15	10.43	0	3.63	0	0	0	0.83	21.5067	1.4291
69.007	24.17	10.46	0	2.41	0	0	0	0.83	21.7561	1.4974
70.007	24.18	10.47	0	2.41	0	0	0	0.83	21.955	1.5656
71.007	24.19	10.49	0	2.42	0	0	0	0.83	22.1547	1.6339
72.007	24.21	10.51	0	2.4	0	0	0	0.82	22.3541	1.702
73.007	24.21	10.51	0	0	0	0	0	0.82	22.4534	1.7701
74.007	24.2	10.5	0	0	0	0	0	0.82	22.4534	1.8379
75.007	24.2	10.49	0	0	0	0	0	0.81	22.4534	1.9052
76.007	24.19	10.49	0	0	0	0	0	0.81	22.4534	1.9723
77.007	24.18	10.48	0	0	0	0	0	0.8	22.4534	2.0389
78.007	24.18	10.47	0	0	0	0	0	0.8	22.4534	2.1052
79.007	24.17	10.46	0	0	0	0	0	0.8	22.4534	2.1712
80.007	24.16	10.45	0	0	0	0	0	0.79	22.4534	2.2369
81.007	24.16	10.44	0	0	0	0	0	0.79	22.4534	2.3022
82.007	24.15	10.44	0	0	0	0	0	0.79	22.4534	2.3673
83.007	24.15	10.43	0	0	0	0	0	0.78	22.4534	2.4321
84.007	24.14	10.42	0	0	0	0	0	0.78	22.4534	2.4967
85.007	24.13	10.41	0	0	0	0	0	0.78	22.4534	2.561
86.007	24.13	10.4	0	0	0	0	0	0.77	22.4534	2.625
87.007	24.12	10.39	0	0	0	0	0	0.77	22.4534	2.6888
88.007	24.11	10.39	0	0	0	0	0	0.77	22.4534	2.7524
89.007	24.11	10.38	0	0	0	0	0	0.76	22.4534	2.8157
90.007	24.1	10.37	0	0	0	0	0	0.76	22.4534	2.8787
91.007	24.1	10.36	0	0	0	0	0	0.76	22.4534	2.9415
92.007	24.09	10.35	0	0	0	0	0	0.76	22.4534	3.0041
93.007	24.08	10.35	0	0	0	0	0	0.75	22.4534	3.0664
94.007	24.08	10.34	0	0	0	0	0	0.75	22.4534	3.1285
95.007	24.07	10.33	0	0	0	0	0	0.75	22.4534	3.1903
96.007	24.07	10.32	0	0	0	0	0	0.74	22.4534	3.2519
97.007	24.06	10.31	0	0	0	0	0	0.74	22.4534	3.3132
98.007	24.05	10.31	0	0	0	0	0	0.74	22.4534	3.3744
99.007	24.05	10.3	0	0	0	0	0	0.74	22.4534	3.4352
100.007	24.04	10.29	0	0	0	0	0	0.73	22.4534	3.4959

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	24.04	10.28	0	0	0	0	0	0.73	22.4534	3.5563
102.007	24.03	10.27	0	0	0	0	0	0.73	22.4534	3.6165
103.007	24.02	10.27	0	0	0	0	0	0.72	22.4534	3.6765
104.007	24.02	10.26	0	0	0	0	0	0.72	22.4534	3.7362
105.007	24.01	10.25	0	0	0	0	0	0.72	22.4534	3.7957
106.007	24.01	10.24	0	0	0	0	0	0.72	22.4534	3.855
107.007	24	10.24	0	0	0	0	0	0.71	22.4534	3.914
108.007	24	10.23	0	0	0	0	0	0.71	22.4534	3.9728
109.007	23.99	10.22	0	0	0	0	0	0.71	22.4534	4.0315
110.007	23.98	10.21	0	0	0	0	0	0.71	22.4534	4.0898
111.007	23.98	10.21	0	0	0	0	0	0.7	22.4534	4.148
112.007	23.97	10.2	0	0	0	0	0	0.7	22.4534	4.206
113.007	23.97	10.19	0	0	0	0	0	0.7	22.4534	4.2637
114.007	23.96	10.18	0	0	0	0	0	0.69	22.4534	4.3212
115.007	23.96	10.18	0	0	0	0	0	0.69	22.4534	4.3785
116.007	23.95	10.17	0	0	0	0	0	0.69	22.4534	4.4356
117.007	23.95	10.16	0	0	0	0	0	0.69	22.4534	4.4925
118.007	23.94	10.15	0	0	0	0	0.04	0.68	22.455	4.5491
119.007	23.93	10.15	0	0	0	0	0.06	0.68	22.4593	4.6056
120.007	23.93	10.14	0	0	0	0	0.08	0.68	22.4653	4.6619
121.007	23.92	10.13	0	0	0	0	0.09	0.68	22.4722	4.718
122.007	23.92	10.13	0	0	0	0	0.09	0.68	22.4797	4.7739
123.007	23.92	10.12	0	0	0	0	0.1	0.67	22.4878	4.8297
124.007	23.91	10.11	0	0	0	0	0.1	0.67	22.4962	4.8852
125.007	23.91	10.11	0	0	0	0	0.11	0.67	22.505	4.9407
126.007	23.9	10.1	0	0	0	0	0.11	0.67	22.514	4.9959
127.007	23.9	10.1	0	0	0	0	0.11	0.67	22.5232	5.051
128.007	23.89	10.09	0	0	0	0	0.11	0.66	22.5325	5.1059
129.007	23.89	10.08	0	0	0	0	0.11	0.66	22.5419	5.1606
130.007	23.88	10.08	0	0	0	0	0.12	0.66	22.5515	5.2152
131.007	23.88	10.07	0	0	0	0	0.12	0.66	22.5611	5.2696
132.007	23.87	10.07	0	0	0	0	0.12	0.66	22.5708	5.3239
133.007	23.87	10.06	0	0	0	0	0.12	0.65	22.5805	5.378
134.007	23.87	10.05	0	0	0	0	0.12	0.65	22.5903	5.432
135.007	23.86	10.05	0	0	0	0	0.12	0.65	22.6001	5.4858
136.007	23.86	10.04	0	0	0	0	0.12	0.65	22.6099	5.5394
137.007	23.85	10.04	0	0	0	0	0.12	0.65	22.6197	5.5929
138.007	23.85	10.03	0	0	0	0	0.12	0.64	22.6295	5.6463
139.007	23.84	10.03	0	0	0	0	0.12	0.64	22.6393	5.6995
140.007	23.84	10.02	0	0	0	0	0.12	0.64	22.6491	5.7525
141.007	23.84	10.01	0	0	0	0	0.12	0.64	22.6589	5.8054
142.007	23.83	10.01	0	0	0	0	0.12	0.64	22.6686	5.8582
143.007	23.83	10	0	0	0	0	0.12	0.64	22.6784	5.9108
144.007	23.82	10	0	0	0	0	0.12	0.63	22.6881	5.9633
145.007	23.82	9.99	0	0	0	0	0.12	0.63	22.6978	6.0156
146.007	23.81	9.99	0	0	0	0	0.12	0.63	22.7075	6.0678
147.007	23.81	9.98	0	0	0	0	0.12	0.63	22.7172	6.1198
148.007	23.81	9.97	0	0	0	0	0.12	0.63	22.7268	6.1717
149.007	23.8	9.97	0	0	0	0	0.12	0.63	22.7364	6.2234
150.007	23.8	9.96	0	0	0	0	0.12	0.62	22.746	6.2751
151.007	23.79	9.96	0	0	0	0	0.12	0.62	22.7555	6.3265

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	23.79	9.95	0	0	0	0	0.11	0.62	22.765	6.3779
153.007	23.78	9.95	0	0	0	0	0.11	0.62	22.7745	6.4291
154.007	23.78	9.94	0	0	0	0	0.11	0.62	22.784	6.4801
155.007	23.78	9.93	0	0	0	0	0.11	0.62	22.7934	6.5311
156.007	23.77	9.93	0	0	0	0	0.11	0.61	22.8028	6.5819
157.007	23.77	9.92	0	0	0	0	0.11	0.61	22.8122	6.6325
158.007	23.76	9.92	0	0	0	0	0.11	0.61	22.8215	6.683
159.007	23.76	9.91	0	0	0	0	0.11	0.61	22.8308	6.7334
160.007	23.76	9.91	0	0	0	0	0.11	0.61	22.8401	6.7836
161.007	23.75	9.9	0	0	0	0	0.11	0.61	22.8493	6.8337
162.007	23.75	9.9	0	0	0	0	0.11	0.6	22.8585	6.8837
163.007	23.74	9.89	0	0	0	0	0.11	0.6	22.8677	6.9335
164.007	23.74	9.89	0	0	0	0	0.11	0.6	22.8769	6.9831
165.007	23.73	9.88	0	0	0	0	0.11	0.6	22.886	7.0326
166.007	23.73	9.87	0	0	0	0	0.11	0.6	22.895	7.082
167.007	23.73	9.87	0	0	0	0	0.11	0.59	22.9041	7.1312
168.007	23.72	9.86	0	0	0	0	0.11	0.59	22.9131	7.1803
169.007	23.72	9.86	0	0	0	0	0.11	0.59	22.9221	7.2293
170.007	23.71	9.85	0	0	0	0	0.11	0.59	22.931	7.2781
171.007	23.71	9.85	0	0	0	0	0.11	0.59	22.9399	7.3268
172.007	23.71	9.84	0	0	0	0	0.11	0.59	22.9488	7.3753
173.007	23.7	9.84	0	0	0	0	0.11	0.58	22.9577	7.4237
174.007	23.7	9.83	0	0	0	0	0.11	0.58	22.9665	7.4719
175.007	23.69	9.83	0	0	0	0	0.11	0.58	22.9753	7.5201
176.007	23.69	9.82	0	0	0	0	0.11	0.58	22.984	7.5681
177.007	23.69	9.82	0	0	0	0	0.11	0.58	22.9928	7.6159
178.007	23.68	9.81	0	0	0	0	0.1	0.58	23.0015	7.6636
179.007	23.68	9.8	0	0	0	0	0.1	0.57	23.0101	7.7112
180.007	23.67	9.8	0	0	0	0	0.1	0.57	23.0187	7.7587
181.007	23.67	9.79	0	0	0	0	0.1	0.57	23.0273	7.806
182.007	23.67	9.79	0	0	0	0	0.1	0.57	23.0359	7.8532
183.007	23.66	9.78	0	0	0	0	0.1	0.57	23.0444	7.9002
184.007	23.66	9.78	0	0	0	0	0.1	0.57	23.053	7.9471
185.007	23.65	9.77	0	0	0	0	0.1	0.57	23.0614	7.9939
186.007	23.65	9.77	0	0	0	0	0.1	0.56	23.0699	8.0406
187.007	23.65	9.76	0	0	0	0	0.1	0.56	23.0783	8.0871
188.007	23.64	9.76	0	0	0	0	0.1	0.56	23.0867	8.1335
189.007	23.64	9.75	0	0	0	0	0.1	0.56	23.095	8.1798
190.007	23.64	9.75	0	0	0	0	0.1	0.56	23.1034	8.2259
191.007	23.63	9.74	0	0	0	0	0.1	0.56	23.1116	8.272
192.007	23.63	9.74	0	0	0	0	0.1	0.55	23.1199	8.3179
193.007	23.62	9.73	0	0	0	0	0.1	0.55	23.1282	8.3636
194.007	23.62	9.73	0	0	0	0	0.1	0.55	23.1364	8.4093
195.007	23.62	9.72	0	0	0	0	0.1	0.55	23.1445	8.4548
196.007	23.61	9.72	0	0	0	0	0.1	0.55	23.1527	8.5002
197.007	23.61	9.71	0	0	0	0	0.1	0.55	23.1608	8.5454
198.007	23.6	9.71	0	0	0	0	0.1	0.55	23.1689	8.5906
199.007	23.6	9.7	0	0	0	0	0.1	0.54	23.177	8.6356
200.007	23.6	9.7	0	0	0	0	0.1	0.54	23.185	8.6805
201.007	23.59	9.69	0	0	0	0	0.1	0.54	23.193	8.7253
202.007	23.59	9.69	0	0	0	0	0.1	0.54	23.201	8.77

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
203.007	23.59	9.68	0	0	0	0	0.1	0.54	23.2089	8.8145
204.007	23.58	9.68	0	0	0	0	0.1	0.54	23.2169	8.8589
205.007	23.58	9.67	0	0	0	0	0.1	0.54	23.2248	8.9032
206.007	23.57	9.67	0	0	0	0	0.1	0.53	23.2326	8.9474
207.007	23.57	9.66	0	0	0	0	0.09	0.53	23.2405	8.9914
208.007	23.57	9.66	0	0	0	0	0.09	0.53	23.2483	9.0354
209.007	23.56	9.65	0	0	0	0	0.09	0.53	23.2561	9.0792
210.007	23.56	9.65	0	0	0	0	0.09	0.53	23.2638	9.1229
211.007	23.56	9.64	0	0	0	0	0.09	0.53	23.2716	9.1665
212.007	23.55	9.64	0	0	0	0	0.09	0.53	23.2793	9.21
213.007	23.55	9.63	0	0	0	0	0.09	0.52	23.287	9.2534
214.007	23.54	9.63	0	0	0	0	0.09	0.52	23.2946	9.2966
215.007	23.54	9.62	0	0	0	0	0.09	0.52	23.3022	9.3397
216.007	23.54	9.62	0	0	0	0	0.09	0.52	23.3098	9.3828
217.007	23.53	9.61	0	0	0	0	0.09	0.52	23.3174	9.4257
218.007	23.53	9.61	0	0	0	0	0.09	0.52	23.325	9.4685
219.007	23.53	9.6	0	0	0	0	0.09	0.52	23.3325	9.5111
220.007	23.52	9.6	0	0	0	0	0.09	0.51	23.34	9.5537
221.007	23.52	9.59	0	0	0	0	0.09	0.51	23.3475	9.5962
222.007	23.52	9.59	0	0	0	0	0.09	0.51	23.3549	9.6385
223.007	23.51	9.58	0	0	0	0	0.09	0.51	23.3623	9.6808
224.007	23.51	9.58	0	0	0	0	0.09	0.51	23.3697	9.7229
225.007	23.5	9.57	0	0	0	0	0.09	0.51	23.3771	9.7649
226.007	23.5	9.57	0	0	0	0	0.09	0.51	23.3844	9.8068
227.007	23.5	9.56	0	0	0	0	0.09	0.51	23.3918	9.8486
228.007	23.49	9.56	0	0	0	0	0.09	0.5	23.3991	9.8903
229.007	23.49	9.55	0	0	0	0	0.09	0.5	23.4063	9.9319
230.007	23.49	9.55	0	0	0	0	0.09	0.5	23.4136	9.9733
231.007	23.48	9.54	0	0	0	0	0.09	0.5	23.4208	10.0146
232.007	23.48	9.54	0	0	0	0	0.09	0.5	23.428	10.0558
233.007	23.48	9.53	0	0	0	0	0.09	0.5	23.4352	10.0968
234.007	23.47	9.53	0	0	0	0	0.09	0.49	23.4423	10.1377
235.007	23.47	9.52	0	0	0	0	0.09	0.49	23.4494	10.1785
236.007	23.46	9.52	0	0	0	0	0.09	0.49	23.4565	10.2191
237.007	23.46	9.52	0	0	0	0	0.09	0.49	23.4636	10.2595
238.007	23.46	9.51	0	0	0	0	0.08	0.49	23.4706	10.2999
239.007	23.45	9.51	0	0	0	0	0.08	0.49	23.4776	10.3401
240.007	23.45	9.5	0	0	0	0	0.08	0.48	23.4846	10.3801
241.007	23.45	9.5	0	0	0	0	0.08	0.48	23.4915	10.4201
242.007	23.44	9.49	0	0	0	0	0.08	0.48	23.4984	10.4599
243.007	23.44	9.49	0	0	0	0	0.08	0.48	23.5053	10.4995
244.007	23.44	9.48	0	0	0	0	0.08	0.48	23.5122	10.5391
245.007	23.43	9.48	0	0	0	0	0.08	0.48	23.519	10.5785
246.007	23.43	9.47	0	0	0	0	0.08	0.47	23.5258	10.6177
247.007	23.43	9.47	0	0	0	0	0.08	0.47	23.5326	10.6569
248.007	23.42	9.46	0	0	0	0	0.08	0.47	23.5393	10.6959
249.007	23.42	9.46	0	0	0	0	0.08	0.47	23.546	10.7347
250.007	23.42	9.46	0	0	0	0	0.08	0.47	23.5527	10.7735
251.007	23.41	9.45	0	0	0	0	0.08	0.47	23.5594	10.8121
252.007	23.41	9.45	0	0	0	0	0.08	0.46	23.566	10.8506
253.007	23.41	9.44	0	0	0	0	0.08	0.46	23.5726	10.8889

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
254.007	23.4	9.44	0	0	0	0	0.08	0.46	23.5792	10.9272
255.007	23.4	9.43	0	0	0	0	0.08	0.46	23.5858	10.9653
256.007	23.4	9.43	0	0	0	0	0.08	0.46	23.5923	11.0032
257.007	23.39	9.42	0	0	0	0	0.08	0.46	23.5988	11.0411
258.007	23.39	9.42	0	0	0	0	0.08	0.46	23.6053	11.0788
259.007	23.39	9.42	0	0	0	0	0.08	0.45	23.6117	11.1164
260.007	23.38	9.41	0	0	0	0	0.08	0.45	23.6181	11.1538
261.007	23.38	9.41	0	0	0	0	0.08	0.45	23.6245	11.1912
262.007	23.38	9.4	0	0	0	0	0.08	0.45	23.6309	11.2284
263.007	23.37	9.4	0	0	0	0	0.08	0.45	23.6372	11.2655
264.007	23.37	9.39	0	0	0	0	0.08	0.45	23.6435	11.3025
265.007	23.37	9.39	0	0	0	0	0.08	0.45	23.6498	11.3393
266.007	23.36	9.39	0	0	0	0	0.08	0.44	23.6561	11.376
267.007	23.36	9.38	0	0	0	0	0.08	0.44	23.6623	11.4126
268.007	23.36	9.38	0	0	0	0	0.08	0.44	23.6686	11.4491
269.007	23.35	9.37	0	0	0	0	0.07	0.44	23.6747	11.4855
270.007	23.35	9.37	0	0	0	0	0.07	0.44	23.6809	11.5217
271.007	23.35	9.36	0	0	0	0	0.07	0.44	23.687	11.5578
272.007	23.34	9.36	0	0	0	0	0.07	0.43	23.6932	11.5938
273.007	23.34	9.36	0	0	0	0	0.07	0.43	23.6992	11.6297
274.007	23.34	9.35	0	0	0	0	0.07	0.43	23.7053	11.6655
275.007	23.33	9.35	0	0	0	0	0.07	0.43	23.7113	11.7011
276.007	23.33	9.34	0	0	0	0	0.07	0.43	23.7174	11.7367
277.007	23.33	9.34	0	0	0	0	0.07	0.43	23.7234	11.7721
278.007	23.33	9.33	0	0	0	0	0.07	0.43	23.7293	11.8074
279.007	23.32	9.33	0	0	0	0	0.07	0.42	23.7353	11.8425
280.007	23.32	9.33	0	0	0	0	0.07	0.42	23.7412	11.8776
281.007	23.32	9.32	0	0	0	0	0.07	0.42	23.7471	11.9126
282.007	23.31	9.32	0	0	0	0	0.07	0.42	23.7529	11.9474
283.007	23.31	9.31	0	0	0	0	0.07	0.42	23.7588	11.9821
284.007	23.31	9.31	0	0	0	0	0.07	0.42	23.7646	12.0167
285.007	23.3	9.31	0	0	0	0	0.07	0.42	23.7704	12.0512
286.007	23.3	9.3	0	0	0	0	0.07	0.42	23.7762	12.0856
287.007	23.3	9.3	0	0	0	0	0.07	0.41	23.7819	12.1198
288.007	23.29	9.29	0	0	0	0	0.07	0.41	23.7877	12.154
289.007	23.29	9.29	0	0	0	0	0.07	0.41	23.7934	12.188
290.007	23.29	9.28	0	0	0	0	0.07	0.41	23.7991	12.222
291.007	23.29	9.28	0	0	0	0	0.07	0.41	23.8047	12.2558
292.007	23.28	9.28	0	0	0	0	0.07	0.41	23.8104	12.2895
293.007	23.28	9.27	0	0	0	0	0.07	0.41	23.816	12.3231
294.007	23.28	9.27	0	0	0	0	0.07	0.4	23.8216	12.3566
295.007	23.27	9.26	0	0	0	0	0.07	0.4	23.8272	12.39
296.007	23.27	9.26	0	0	0	0	0.07	0.4	23.8327	12.4233
297.007	23.27	9.26	0	0	0	0	0.07	0.4	23.8383	12.4564
298.007	23.26	9.25	0	0	0	0	0.07	0.4	23.8438	12.4895
299.007	23.26	9.25	0	0	0	0	0.07	0.4	23.8492	12.5225
300.007	23.26	9.24	0	0	0	0	0.07	0.4	23.8547	12.5553
301.007	23.26	9.24	0	0	0	0	0.07	0.4	23.8602	12.588
302.007	23.25	9.24	0	0	0	0	0.07	0.39	23.8656	12.6207
303.007	23.25	9.23	0	0	0	0	0.07	0.39	23.871	12.6532
304.007	23.25	9.23	0	0	0	0	0.06	0.39	23.8764	12.6857

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	23.24	9.23	0	0	0	0	0.06	0.39	23.8817	12.718
306.007	23.24	9.22	0	0	0	0	0.06	0.39	23.8871	12.7502
307.007	23.24	9.22	0	0	0	0	0.06	0.39	23.8924	12.7823
308.007	23.23	9.21	0	0	0	0	0.06	0.39	23.8977	12.8144
309.007	23.23	9.21	0	0	0	0	0.06	0.39	23.9029	12.8463
310.007	23.23	9.21	0	0	0	0	0.06	0.38	23.9082	12.8781
311.007	23.23	9.2	0	0	0	0	0.06	0.38	23.9134	12.9098
312.007	23.22	9.2	0	0	0	0	0.06	0.38	23.9187	12.9414
313.007	23.22	9.19	0	0	0	0	0.06	0.38	23.9238	12.973
314.007	23.22	9.19	0	0	0	0	0.06	0.38	23.929	13.0044
315.007	23.21	9.19	0	0	0	0	0.06	0.38	23.9342	13.0357
316.007	23.21	9.18	0	0	0	0	0.06	0.38	23.9393	13.0669
317.007	23.21	9.18	0	0	0	0	0.06	0.38	23.9444	13.0981
318.007	23.21	9.18	0	0	0	0	0.06	0.37	23.9495	13.1291
319.007	23.2	9.17	0	0	0	0	0.06	0.37	23.9546	13.16
320.007	23.2	9.17	0	0	0	0	0.06	0.37	23.9597	13.1909
321.007	23.2	9.16	0	0	0	0	0.06	0.37	23.9647	13.2216
322.007	23.2	9.16	0	0	0	0	0.06	0.37	23.9697	13.2522
323.007	23.19	9.16	0	0	0	0	0.06	0.37	23.9747	13.2828
324.007	23.19	9.15	0	0	0	0	0.06	0.37	23.9797	13.3133
325.007	23.19	9.15	0	0	0	0	0.06	0.37	23.9847	13.3436
326.007	23.18	9.15	0	0	0	0	0.06	0.37	23.9896	13.3739
327.007	23.18	9.14	0	0	0	0	0.06	0.36	23.9945	13.4041
328.007	23.18	9.14	0	0	0	0	0.06	0.36	23.9994	13.4342
329.007	23.18	9.13	0	0	0	0	0.06	0.36	24.0043	13.4642
330.007	23.17	9.13	0	0	0	0	0.06	0.36	24.0092	13.4941
331.007	23.17	9.13	0	0	0	0	0.06	0.36	24.0141	13.5239
332.007	23.17	9.12	0	0	0	0	0.06	0.36	24.0189	13.5536
333.007	23.16	9.12	0	0	0	0	0.06	0.36	24.0237	13.5832
334.007	23.16	9.12	0	0	0	0	0.06	0.36	24.0285	13.6128
335.007	23.16	9.11	0	0	0	0	0.06	0.36	24.0333	13.6422
336.007	23.16	9.11	0	0	0	0	0.06	0.35	24.038	13.6716
336.016	23.16	9.11	0	0	0	0	0.06	0.35	24.0381	13.6718

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	EC-1							
0	22.7	0.18	0	0	0	0	0	0	0	0
1.012	22.7	0.18	0	0	0	0	0	0	0	0
2.012	22.7	0.18	0	0	0	0	0	0	0	0
3.012	22.7	0.18	0	0	0	0	0	0	0	0
4.012	22.7	0.18	0	0	0	0	0	0	0	0
5.012	22.7	0.18	0	0	0	0	0	0	0	0
6.012	22.7	0.18	0	0	0	0	0	0	0	0
7.012	22.7	0.18	0	0	0	0	0	0	0	0
8.012	22.7	0.18	0	0	0	0	0	0	0	0
9.012	22.7	0.18	0	0	0	0	0	0	0	0
10.012	22.7	0.18	0	0	0	0	0	0	0	0
11.012	22.7	0.18	0	0	0	0	0	0	0	0
12.012	22.7	0.18	0	0	0	0	0	0	0	0
13.012	22.7	0.18	0	0	0	0	0	0	0	0
14.012	22.7	0.18	0	0	0	0	0	0	0	0
15.012	22.7	0.18	0	0	0	0	0	0	0	0
16.012	22.7	0.18	0	0	0	0	0	0	0	0
17.012	22.7	0.18	0	0	0	0	0	0	0	0
18.012	22.7	0.18	0	0	0	0	0	0	0	0
19.012	22.7	0.18	0	0	0	0	0	0	0	0
20.012	22.7	0.18	0	0	0	0	0	0	0	0
21.012	22.7	0.18	0	0	0	0	0	0	0	0
22.012	22.7	0.18	0	0	0	0	0	0	0	0
23.012	22.7	0.18	0	0	0	0	0	0	0	0
24.012	22.7	0.18	0	0	0	0	0	0	0	0
25.012	22.7	0.18	0	0	0	0	0	0	0	0
26.012	22.7	0.18	0	0	0	0	0	0	0.0001	0
27.012	22.7	0.18	0	0	0	0	0	0	0.0002	0
28.012	22.7	0.18	0	0	0	0	0	0	0.0004	0
29.012	22.7	0.18	0	0	0	0	0	0	0.0006	0
30.012	22.71	0.19	0	0	0	0	0	0	0.001	0
31.012	22.71	0.19	0	0.01	0	0	0	0	0.0014	0
32.012	22.71	0.19	0	0.01	0	0	0	0	0.0018	0
33.012	22.71	0.2	0	0.01	0	0	0	0	0.0024	0
34.012	22.72	0.2	0	0.01	0	0	0	0	0.0029	0
35.012	22.72	0.21	0	0.01	0	0	0	0	0.0036	0
36.012	22.72	0.22	0	0.01	0	0	0	0	0.0043	0
37.012	22.73	0.22	0	0.01	0	0	0	0	0.005	0
38.012	22.73	0.23	0	0.01	0	0	0	0	0.0058	0
39.012	22.73	0.23	0	0.01	0	0	0	0	0.0067	0
40.012	22.74	0.24	0	0.01	0	0	0	0	0.0076	0
41.012	22.74	0.25	0	0.01	0	0	0	0	0.0085	0
42.012	22.74	0.26	0	0.01	0	0	0	0	0.0095	0
43.012	22.75	0.26	0	0.01	0	0	0	0	0.0106	0
44.012	22.75	0.27	0	0.01	0	0	0	0	0.0117	0
45.012	22.76	0.28	0	0.01	0	0	0	0	0.0128	0
46.012	22.76	0.28	0	0.01	0	0	0	0	0.014	0
47.012	22.76	0.29	0	0.01	0	0	0	0	0.0152	0
48.012	22.77	0.3	0	0.02	0	0	0	0	0.0164	0
49.012	22.77	0.31	0	0.02	0	0	0	0	0.0178	0

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	22.78	0.32	0	0.02	0	0	0	0	0.0193	0
51.012	22.78	0.33	0	0.02	0	0	0	0	0.021	0
52.012	22.79	0.34	0	0.03	0	0	0	0	0.023	0
53.012	22.8	0.37	0	0.03	0	0	0	0	0.0255	0
54.012	22.81	0.39	0	0.04	0	0	0	0	0.0288	0
55.012	22.82	0.4	0	0.06	0	0	0	0	0.033	0
56.012	22.83	0.43	0	0.07	0	0	0	0	0.0382	0
57.012	22.84	0.45	0	0.08	0	0	0	0	0.0445	0
58.012	22.86	0.48	0	0.11	0	0	0	0	0.0527	0
59.012	22.88	0.53	0	0.19	0	0	0	0	0.0654	0
60.007	23.02	0.62	0	1.98	0	0	0	0.34	0.1547	0.0138
61.007	23.1	0.62	0	0.31	0	0	0	0.59	0.2493	0.0519
62.007	23.06	0.62	0	0.18	0	0	0	0.39	0.2694	0.0921
63.007	23.04	0.62	0	0.11	0	0	0	0.28	0.2814	0.1194
64.007	23.02	0.62	0	0.11	0	0	0	0.2	0.2907	0.1391
65.007	23.02	0.62	0	0.07	0	0	0	0.09	0.2982	0.151
66.007	23.02	0.62	0	0.07	0	0	0	0	0.3038	0.1547
67.007	23.03	0.62	0	0.07	0	0	0.14	0.09	0.3151	0.1585
68.007	23.05	0.62	0	0.07	0	0	0.2	0.17	0.3348	0.1695
69.007	23.06	0.62	0	0.05	0	0	0.21	0.21	0.3568	0.1851
70.007	23.07	0.62	0	0.05	0	0	0.22	0.22	0.3783	0.2027
71.007	23.08	0.62	0	0.05	0	0	0	0.24	0.391	0.2218
72.007	23.09	0.62	0	0.05	0	0	0	0.25	0.3948	0.2422
73.007	23.09	0.62	0	0	0	0	0	0.21	0.3967	0.2613
74.007	23.09	0.62	0	0	0	0	0	0.12	0.3967	0.275
75.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
76.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
77.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
78.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
79.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
80.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
81.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
82.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
83.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
84.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
85.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
86.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
87.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
88.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
89.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
90.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
91.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
92.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
93.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
94.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
95.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
96.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
97.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
98.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
99.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
100.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
102.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
103.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
104.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
105.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
106.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
107.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
108.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
109.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
110.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
111.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
112.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
113.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
114.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
115.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
116.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
117.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
118.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
119.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
120.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
121.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
122.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
123.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
124.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
125.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
126.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
127.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
128.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
129.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
130.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
131.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
132.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
133.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
134.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
135.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
136.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
137.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
138.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
139.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
140.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
141.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
142.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
143.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
144.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
145.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
146.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
147.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
148.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
149.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
150.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
151.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
153.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
154.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
155.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
156.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
157.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
158.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
159.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
160.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
161.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
162.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
163.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
164.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
165.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
166.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
167.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
168.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
169.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
170.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
171.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
172.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
173.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
174.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
175.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
176.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
177.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
178.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
179.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
180.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
181.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
182.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
183.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
184.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
185.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
186.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
187.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
188.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
189.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
190.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
191.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
192.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
193.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
194.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
195.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
196.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
197.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
198.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
199.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
200.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
201.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
202.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
203.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
204.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
205.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
206.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
207.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
208.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
209.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
210.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
211.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
212.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
213.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
214.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
215.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
216.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
217.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
218.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
219.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
220.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
221.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
222.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
223.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
224.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
225.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
226.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
227.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
228.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
229.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
230.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
231.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
232.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
233.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
234.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
235.007	23.09	0.62	0	0	0	0	0	0	0.3967	0.2801
236.007	23.08	0.62	0	0	0	0	0	0	0.3967	0.2801
237.007	23.08	0.62	0	0	0	0	0	0	0.3967	0.2801
238.007	23.08	0.62	0	0	0	0	0	0	0.3967	0.2801
239.007	23.08	0.62	0	0	0	0	0	0	0.3967	0.2801
240.007	23.08	0.62	0	0	0	0	0	0	0.3967	0.2801
241.007	23.08	0.62	0	0	0	0	0	0	0.3967	0.2801
242.007	23.08	0.62	0	0	0	0	0	0	0.3967	0.2801
243.007	23.08	0.62	0	0	0	0	0	0	0.3967	0.2801
244.007	23.08	0.62	0	0	0	0	0	0	0.3967	0.2801
245.007	23.08	0.62	0	0	0	0	0	0	0.3967	0.2801
246.007	23.07	0.62	0	0	0	0	0	0	0.3967	0.2801
247.007	23.07	0.62	0	0	0	0	0	0	0.3967	0.2801
248.007	23.07	0.62	0	0	0	0	0	0	0.3967	0.2801
249.007	23.07	0.62	0	0	0	0	0	0	0.3967	0.2801
250.007	23.07	0.62	0	0	0	0	0	0	0.3967	0.2801
251.007	23.07	0.62	0	0	0	0	0	0	0.3967	0.2801
252.007	23.07	0.62	0	0	0	0	0	0	0.3967	0.2801
253.007	23.07	0.62	0	0	0	0	0	0	0.3967	0.2801

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
254.007	23.07	0.62	0	0	0	0	0	0	0.3967	0.2801
255.007	23.07	0.62	0	0	0	0	0	0	0.3967	0.2801
256.007	23.06	0.62	0	0	0	0	0	0.01	0.3967	0.2805
257.007	23.06	0.62	0	0	0	0	0	0.01	0.3967	0.2813
258.007	23.06	0.62	0	0	0	0	0	0	0.3967	0.2818
259.007	23.06	0.62	0	0	0	0	0	0	0.3967	0.2818
260.007	23.06	0.62	0	0	0	0	0	0	0.3967	0.2818
261.007	23.06	0.62	0	0	0	0	0	0.01	0.3967	0.2822
262.007	23.06	0.62	0	0	0	0	0	0.01	0.3967	0.283
263.007	23.06	0.62	0	0	0	0	0	0.01	0.3967	0.2836
264.007	23.05	0.62	0	0	0	0	0	0.01	0.3967	0.2843
265.007	23.05	0.62	0	0	0	0	0	0.01	0.3967	0.2849
266.007	23.05	0.62	0	0	0	0	0	0.01	0.3967	0.2856
267.007	23.05	0.62	0	0	0	0	0	0.01	0.3967	0.2863
268.007	23.05	0.62	0	0	0	0	0	0.01	0.3967	0.287
269.007	23.05	0.62	0	0	0	0	0	0.01	0.3967	0.2877
270.007	23.05	0.62	0	0	0	0	0	0.01	0.3967	0.2884
271.007	23.05	0.62	0	0	0	0	0	0.01	0.3967	0.2891
272.007	23.05	0.62	0	0	0	0	0	0.01	0.3967	0.2898
273.007	23.04	0.62	0	0	0	0	0	0.01	0.3967	0.2905
274.007	23.04	0.62	0	0	0	0	0	0.01	0.3967	0.2912
275.007	23.04	0.62	0	0	0	0	0	0.01	0.3967	0.292
276.007	23.04	0.62	0	0	0	0	0	0.01	0.3967	0.2927
277.007	23.04	0.62	0	0	0	0	0	0.01	0.3967	0.2935
278.007	23.04	0.62	0	0	0	0	0	0.01	0.3967	0.2942
279.007	23.04	0.62	0	0	0	0	0	0.01	0.3967	0.295
280.007	23.04	0.62	0	0	0	0	0	0.01	0.3967	0.2957
281.007	23.03	0.62	0	0	0	0	0	0.01	0.3967	0.2965
282.007	23.03	0.62	0	0	0	0	0	0.01	0.3967	0.2972
283.007	23.03	0.62	0	0	0	0	0	0.01	0.3967	0.298
284.007	23.03	0.62	0	0	0	0	0	0.01	0.3967	0.2988
285.007	23.03	0.62	0	0	0	0	0	0.01	0.3967	0.2996
286.007	23.03	0.62	0	0	0	0	0	0.01	0.3967	0.3003
287.007	23.03	0.62	0	0	0	0	0	0.01	0.3967	0.3011
288.007	23.03	0.62	0	0	0	0	0	0.01	0.3967	0.3019
289.007	23.02	0.62	0	0	0	0	0	0.01	0.3967	0.3027
290.007	23.02	0.62	0	0	0	0	0	0.01	0.3967	0.3035
291.007	23.02	0.62	0	0	0	0	0	0.01	0.3967	0.3043
292.007	23.02	0.62	0	0	0	0	0	0.01	0.3967	0.3051
293.007	23.02	0.62	0	0	0	0	0	0.01	0.3967	0.306
294.007	23.02	0.62	0	0	0	0	0	0.01	0.3967	0.3068
295.007	23.02	0.62	0	0	0	0	0	0.01	0.3967	0.3076
296.007	23.01	0.62	0	0	0	0	0	0.01	0.3967	0.3084
297.007	23.01	0.62	0	0	0	0	0	0.01	0.3967	0.3092
298.007	23.01	0.62	0	0	0	0	0	0.01	0.3967	0.3101
299.007	23.01	0.62	0	0	0	0	0	0.01	0.3967	0.3109
300.007	23.01	0.62	0	0	0	0	0	0.01	0.3967	0.3117
301.007	23.01	0.62	0	0	0	0	0	0.01	0.3967	0.3126
302.007	23.01	0.62	0	0	0	0	0	0.01	0.3967	0.3134
303.007	23.01	0.62	0	0	0	0	0	0.01	0.3967	0.3143
304.007	23	0.62	0	0	0	0	0	0.01	0.3967	0.3151

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	23	0.62	0	0	0	0	0	0.01	0.3967	0.316
306.007	23	0.62	0	0	0	0	0	0.01	0.3967	0.3168
307.007	23	0.62	0	0	0	0	0	0.01	0.3967	0.3177
308.007	23	0.62	0	0	0	0	0	0.01	0.3967	0.3185
309.007	23	0.62	0	0	0	0	0	0.01	0.3967	0.3194
310.007	23	0.62	0	0	0	0	0	0.01	0.3967	0.3202
311.007	22.99	0.62	0	0	0	0	0	0.01	0.3967	0.3211
312.007	22.99	0.62	0	0	0	0	0	0.01	0.3967	0.322
313.007	22.99	0.62	0	0	0	0	0	0.01	0.3967	0.3228
314.007	22.99	0.62	0	0	0	0	0	0.01	0.3967	0.3237
315.007	22.99	0.62	0	0	0	0	0	0.01	0.3967	0.3246
316.007	22.99	0.62	0	0	0	0	0	0.01	0.3967	0.3255
317.007	22.99	0.62	0	0	0	0	0	0.01	0.3967	0.3263
318.007	22.98	0.62	0	0	0	0	0	0.01	0.3967	0.3272
319.007	22.98	0.62	0	0	0	0	0	0.01	0.3967	0.3281
320.007	22.98	0.62	0	0	0	0	0	0.01	0.3967	0.329
321.007	22.98	0.62	0	0	0	0	0	0.01	0.3967	0.3299
322.007	22.98	0.62	0	0	0	0	0	0.01	0.3967	0.3308
323.007	22.98	0.62	0	0	0	0	0	0.01	0.3967	0.3317
324.007	22.98	0.62	0	0	0	0	0	0.01	0.3967	0.3326
325.007	22.97	0.62	0	0	0	0	0	0.01	0.3967	0.3335
326.007	22.97	0.62	0	0	0	0	0	0.01	0.3967	0.3344
327.007	22.97	0.62	0	0	0	0	0	0.01	0.3967	0.3353
328.007	22.97	0.62	0	0	0	0	0	0.01	0.3967	0.3362
329.007	22.97	0.62	0	0	0	0	0	0.01	0.3967	0.3371
330.007	22.97	0.62	0	0	0	0	0	0.01	0.3967	0.338
331.007	22.97	0.62	0	0	0	0	0	0.01	0.3967	0.3389
332.007	22.96	0.62	0	0	0	0	0	0.01	0.3967	0.3398
333.007	22.96	0.62	0	0	0	0	0	0.01	0.3967	0.3407
334.007	22.96	0.62	0	0	0	0	0	0.01	0.3967	0.3417
335.007	22.96	0.62	0	0	0	0	0	0.01	0.3967	0.3426
336.007	22.96	0.62	0	0	0	0	0	0.01	0.3967	0.3435
336.016	22.96	0.62	0	0	0	0	0	0.01	0.3967	0.3435

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	EC-2							
0	22.6	0.18	0	0	0	0	0	0	0	0
1.012	22.6	0.18	0	0	0	0	0	0	0	0
2.012	22.6	0.18	0	0	0	0	0	0	0	0
3.012	22.6	0.18	0	0	0	0	0	0	0	0
4.012	22.6	0.18	0	0	0	0	0	0	0	0
5.012	22.6	0.18	0	0	0	0	0	0	0	0
6.012	22.6	0.18	0	0	0	0	0	0	0	0
7.012	22.6	0.18	0	0	0	0	0	0	0	0
8.012	22.6	0.18	0	0	0	0	0	0	0	0
9.012	22.6	0.18	0	0	0	0	0	0	0	0
10.012	22.6	0.18	0	0	0	0	0	0	0	0
11.012	22.6	0.18	0	0	0	0	0	0	0	0
12.012	22.6	0.18	0	0	0	0	0	0	0	0
13.012	22.6	0.18	0	0	0	0	0	0	0	0
14.012	22.6	0.18	0	0	0	0	0	0	0	0
15.012	22.6	0.18	0	0	0	0	0	0	0	0
16.012	22.6	0.18	0	0	0	0	0	0	0	0
17.012	22.6	0.18	0	0	0	0	0	0	0	0
18.012	22.6	0.18	0	0	0	0	0	0	0	0
19.012	22.6	0.18	0	0	0	0	0	0	0	0
20.012	22.6	0.18	0	0	0	0	0	0	0	0
21.012	22.6	0.18	0	0	0	0	0	0	0	0
22.012	22.6	0.18	0	0	0	0	0	0	0	0
23.012	22.6	0.18	0	0	0	0	0	0	0	0
24.012	22.6	0.18	0	0	0	0	0	0	0	0
25.012	22.6	0.18	0	0	0	0	0	0	0	0
26.012	22.6	0.18	0	0	0	0	0	0	0.0001	0
27.012	22.6	0.18	0	0	0	0	0	0	0.0002	0
28.012	22.6	0.18	0	0	0	0	0	0	0.0004	0
29.012	22.6	0.19	0	0	0	0	0	0	0.0007	0
30.012	22.61	0.19	0	0	0	0	0	0	0.001	0
31.012	22.61	0.19	0	0.01	0	0	0	0	0.0014	0
32.012	22.61	0.19	0	0.01	0	0	0	0	0.0019	0
33.012	22.61	0.2	0	0.01	0	0	0	0	0.0024	0
34.012	22.62	0.2	0	0.01	0	0	0	0	0.003	0
35.012	22.62	0.2	0	0.01	0	0	0	0	0.0037	0
36.012	22.62	0.21	0	0.01	0	0	0	0	0.0044	0
37.012	22.63	0.21	0	0.01	0	0	0	0	0.0052	0
38.012	22.63	0.22	0	0.01	0	0	0	0	0.006	0
39.012	22.63	0.22	0	0.01	0	0	0	0	0.0069	0
40.012	22.64	0.23	0	0.01	0	0	0	0	0.0079	0
41.012	22.64	0.23	0	0.01	0	0	0	0	0.0089	0
42.012	22.65	0.24	0	0.01	0	0	0	0	0.0099	0
43.012	22.65	0.25	0	0.01	0	0	0	0	0.011	0
44.012	22.66	0.25	0	0.01	0	0	0	0	0.0121	0
45.012	22.66	0.26	0	0.01	0	0	0	0	0.0133	0
46.012	22.67	0.26	0	0.02	0	0	0	0	0.0145	0
47.012	22.67	0.27	0	0.02	0	0	0	0	0.0158	0
48.012	22.67	0.28	0	0.02	0	0	0	0	0.0171	0
49.012	22.68	0.28	0	0.02	0	0	0	0	0.0185	0

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	22.69	0.31	0	0.02	0	0	0	0	0.02	0
51.012	22.69	0.32	0	0.02	0	0	0	0	0.0218	0
52.012	22.7	0.32	0	0.03	0	0	0	0	0.0239	0
53.012	22.7	0.45	0	0.04	0	0	0	0	0.0265	0.0001
54.012	22.71	0.46	0	0.05	0	0	0	0.01	0.0299	0.0004
55.012	22.72	0.47	0	0.06	0	0	0	0.01	0.0343	0.0011
56.012	22.73	0.48	0	0.07	0	0	0	0.02	0.0396	0.0023
57.012	22.74	0.5	0	0.09	0	0	0	0.03	0.0462	0.0043
58.012	22.75	0.51	0	0.12	0	0	0	0.05	0.0547	0.0075
59.012	22.76	0.53	0	0.2	0	0	0	0.07	0.0679	0.0124
60.007	22.9	0.73	0	2.05	0	0	0.34	0.38	0.1744	0.031
61.007	23.03	0.73	0	0.32	0	0	0.59	0.73	0.3106	0.077
62.007	23.03	0.73	0	0.18	0	0	0.39	0.66	0.3717	0.1344
63.007	23.02	0.73	0	0.12	0	0	0.28	0.51	0.4114	0.1825
64.007	23.01	0.73	0	0.12	0	0	0.2	0.34	0.4408	0.2177
65.007	23.01	0.73	0	0.07	0	0	0.09	0.1	0.4604	0.236
66.007	23.02	0.73	0	0.07	0	0	0	0	0.4699	0.2403
67.007	23.03	0.73	0	0.07	0	0	0.09	0.07	0.4797	0.243
68.007	23.04	0.73	0	0.07	0	0	0.17	0.13	0.4965	0.2513
69.007	23.05	0.73	0	0.05	0	0	0.21	0.17	0.517	0.2639
70.007	23.06	0.73	0	0.05	0	0	0.22	0.18	0.5386	0.2786
71.007	23.07	0.73	0	0.05	0	0	0.24	0.2	0.5616	0.2945
72.007	23.08	0.73	0	0.05	0	0	0.25	0.21	0.5859	0.3115
73.007	23.09	0.73	0	0	0	0	0.21	0.19	0.607	0.3279
74.007	23.09	0.73	0	0	0	0	0.12	0.11	0.6208	0.3402
75.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
76.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
77.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
78.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
79.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
80.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
81.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
82.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
83.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
84.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
85.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
86.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
87.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
88.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
89.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
90.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
91.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
92.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
93.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
94.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
95.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
96.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
97.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
98.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
99.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
100.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
102.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
103.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
104.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
105.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
106.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
107.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
108.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
109.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
110.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
111.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
112.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
113.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
114.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
115.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
116.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
117.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
118.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
119.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
120.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
121.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
122.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
123.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
124.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
125.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
126.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
127.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
128.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
129.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
130.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
131.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
132.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
133.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
134.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
135.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
136.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
137.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
138.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
139.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
140.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
141.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
142.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
143.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
144.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
145.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
146.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
147.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
148.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
149.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
150.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
151.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
153.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
154.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
155.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
156.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
157.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
158.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
159.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
160.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
161.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
162.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
163.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
164.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
165.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
166.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
167.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
168.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
169.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
170.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
171.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
172.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
173.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
174.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
175.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
176.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
177.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
178.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
179.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
180.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
181.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
182.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
183.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
184.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
185.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
186.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
187.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
188.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
189.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
190.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
191.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
192.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
193.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
194.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
195.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
196.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
197.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
198.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
199.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
200.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
201.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
202.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
203.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
204.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
205.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
206.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
207.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
208.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
209.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
210.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
211.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
212.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
213.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
214.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
215.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
216.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
217.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
218.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
219.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
220.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
221.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
222.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
223.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
224.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
225.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
226.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
227.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
228.007	23.09	0.73	0	0	0	0	0	0	0.6258	0.3447
229.007	23.09	0.73	0	0	0	0	0	0.03	0.6258	0.3458
230.007	23.09	0.73	0	0	0	0	0	0.03	0.6258	0.3479
231.007	23.09	0.73	0	0	0	0	0	0.03	0.6258	0.3502
232.007	23.09	0.73	0	0	0	0	0	0.03	0.6258	0.3525
233.007	23.09	0.73	0	0	0	0	0	0.03	0.6258	0.3549
234.007	23.09	0.73	0	0	0	0	0	0.03	0.6258	0.3574
235.007	23.09	0.73	0	0	0	0	0	0.03	0.6258	0.3599
236.007	23.08	0.73	0	0	0	0	0	0.03	0.6258	0.3625
237.007	23.08	0.73	0	0	0	0	0	0.03	0.6258	0.365
238.007	23.08	0.73	0	0	0	0	0	0.03	0.6258	0.3676
239.007	23.08	0.73	0	0	0	0	0	0.03	0.6258	0.3702
240.007	23.08	0.73	0	0	0	0	0	0.03	0.6258	0.3729
241.007	23.08	0.73	0	0	0	0	0	0.03	0.6258	0.3755
242.007	23.08	0.73	0	0	0	0	0	0.03	0.6258	0.3782
243.007	23.08	0.73	0	0	0	0	0	0.03	0.6258	0.3809
244.007	23.08	0.73	0	0	0	0	0	0.03	0.6258	0.3836
245.007	23.08	0.73	0	0	0	0	0	0.03	0.6258	0.3863
246.007	23.07	0.73	0	0	0	0	0	0.03	0.6258	0.3891
247.007	23.07	0.73	0	0	0	0	0	0.03	0.6258	0.3919
248.007	23.07	0.73	0	0	0	0	0	0.03	0.6258	0.3947
249.007	23.07	0.73	0	0	0	0	0	0.03	0.6258	0.3975
250.007	23.07	0.73	0	0	0	0	0	0.03	0.6258	0.4002
251.007	23.07	0.73	0	0	0	0	0	0.03	0.6258	0.403
252.007	23.07	0.73	0	0	0	0	0	0.03	0.6258	0.4058
253.007	23.07	0.73	0	0	0	0	0	0.03	0.6258	0.4086

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
254.007	23.07	0.73	0	0	0	0	0	0.03	0.6258	0.4113
255.007	23.07	0.73	0	0	0	0	0	0.04	0.6258	0.4142
256.007	23.06	0.73	0	0	0	0	0.01	0.03	0.6262	0.4168
257.007	23.06	0.73	0	0	0	0	0.01	0.03	0.627	0.4189
258.007	23.06	0.73	0	0	0	0	0	0.03	0.6275	0.4213
259.007	23.06	0.73	0	0	0	0	0	0.04	0.6275	0.4241
260.007	23.06	0.73	0	0	0	0	0	0.03	0.6275	0.4268
261.007	23.06	0.73	0	0	0	0	0.01	0.03	0.6279	0.4291
262.007	23.06	0.73	0	0	0	0	0.01	0.02	0.6287	0.431
263.007	23.06	0.73	0	0	0	0	0.01	0.02	0.6293	0.4329
264.007	23.05	0.73	0	0	0	0	0.01	0.02	0.63	0.4348
265.007	23.05	0.73	0	0	0	0	0.01	0.02	0.6307	0.4366
266.007	23.05	0.73	0	0	0	0	0.01	0.02	0.6313	0.4384
267.007	23.05	0.73	0	0	0	0	0.01	0.02	0.632	0.4402
268.007	23.05	0.73	0	0	0	0	0.01	0.02	0.6327	0.442
269.007	23.05	0.73	0	0	0	0	0.01	0.02	0.6334	0.4438
270.007	23.05	0.73	0	0	0	0	0.01	0.02	0.6341	0.4456
271.007	23.05	0.73	0	0	0	0	0.01	0.02	0.6348	0.4473
272.007	23.05	0.73	0	0	0	0	0.01	0.02	0.6355	0.4491
273.007	23.04	0.73	0	0	0	0	0.01	0.02	0.6362	0.4509
274.007	23.04	0.73	0	0	0	0	0.01	0.02	0.637	0.4527
275.007	23.04	0.73	0	0	0	0	0.01	0.02	0.6377	0.4544
276.007	23.04	0.73	0	0	0	0	0.01	0.02	0.6384	0.4562
277.007	23.04	0.73	0	0	0	0	0.01	0.02	0.6392	0.4579
278.007	23.04	0.73	0	0	0	0	0.01	0.02	0.6399	0.4597
279.007	23.04	0.73	0	0	0	0	0.01	0.02	0.6407	0.4615
280.007	23.04	0.73	0	0	0	0	0.01	0.02	0.6414	0.4632
281.007	23.03	0.73	0	0	0	0	0.01	0.02	0.6422	0.465
282.007	23.03	0.73	0	0	0	0	0.01	0.02	0.643	0.4668
283.007	23.03	0.73	0	0	0	0	0.01	0.02	0.6437	0.4686
284.007	23.03	0.73	0	0	0	0	0.01	0.02	0.6445	0.4703
285.007	23.03	0.73	0	0	0	0	0.01	0.02	0.6453	0.4721
286.007	23.03	0.73	0	0	0	0	0.01	0.02	0.6461	0.4739
287.007	23.03	0.73	0	0	0	0	0.01	0.02	0.6468	0.4757
288.007	23.03	0.73	0	0	0	0	0.01	0.02	0.6476	0.4775
289.007	23.02	0.73	0	0	0	0	0.01	0.02	0.6484	0.4793
290.007	23.02	0.73	0	0	0	0	0.01	0.02	0.6492	0.4811
291.007	23.02	0.73	0	0	0	0	0.01	0.02	0.65	0.4828
292.007	23.02	0.73	0	0	0	0	0.01	0.02	0.6509	0.4846
293.007	23.02	0.73	0	0	0	0	0.01	0.02	0.6517	0.4864
294.007	23.02	0.73	0	0	0	0	0.01	0.02	0.6525	0.4882
295.007	23.02	0.73	0	0	0	0	0.01	0.02	0.6533	0.49
296.007	23.01	0.73	0	0	0	0	0.01	0.02	0.6541	0.4917
297.007	23.01	0.73	0	0	0	0	0.01	0.02	0.655	0.4935
298.007	23.01	0.73	0	0	0	0	0.01	0.02	0.6558	0.4954
299.007	23.01	0.73	0	0	0	0	0.01	0.02	0.6566	0.4972
300.007	23.01	0.73	0	0	0	0	0.01	0.02	0.6575	0.499
301.007	23.01	0.73	0	0	0	0	0.01	0.02	0.6583	0.5008
302.007	23.01	0.73	0	0	0	0	0.01	0.02	0.6591	0.5026
303.007	23.01	0.73	0	0	0	0	0.01	0.02	0.66	0.5045
304.007	23	0.73	0	0	0	0	0.01	0.02	0.6608	0.5063

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	23	0.73	0	0	0	0	0.01	0.02	0.6617	0.5082
306.007	23	0.73	0	0	0	0	0.01	0.02	0.6625	0.51
307.007	23	0.73	0	0	0	0	0.01	0.02	0.6634	0.5119
308.007	23	0.73	0	0	0	0	0.01	0.02	0.6642	0.5138
309.007	23	0.73	0	0	0	0	0.01	0.02	0.6651	0.5156
310.007	23	0.73	0	0	0	0	0.01	0.02	0.666	0.5175
311.007	22.99	0.73	0	0	0	0	0.01	0.02	0.6668	0.5194
312.007	22.99	0.73	0	0	0	0	0.01	0.02	0.6677	0.5213
313.007	22.99	0.73	0	0	0	0	0.01	0.02	0.6686	0.5232
314.007	22.99	0.73	0	0	0	0	0.01	0.02	0.6694	0.5251
315.007	22.99	0.73	0	0	0	0	0.01	0.02	0.6703	0.527
316.007	22.99	0.73	0	0	0	0	0.01	0.02	0.6712	0.5289
317.007	22.99	0.73	0	0	0	0	0.01	0.02	0.6721	0.5308
318.007	22.98	0.73	0	0	0	0	0.01	0.02	0.6729	0.5328
319.007	22.98	0.73	0	0	0	0	0.01	0.02	0.6738	0.5347
320.007	22.98	0.73	0	0	0	0	0.01	0.02	0.6747	0.5366
321.007	22.98	0.73	0	0	0	0	0.01	0.02	0.6756	0.5386
322.007	22.98	0.73	0	0	0	0	0.01	0.02	0.6765	0.5405
323.007	22.98	0.73	0	0	0	0	0.01	0.02	0.6774	0.5424
324.007	22.98	0.73	0	0	0	0	0.01	0.02	0.6783	0.5444
325.007	22.97	0.73	0	0	0	0	0.01	0.02	0.6792	0.5464
326.007	22.97	0.73	0	0	0	0	0.01	0.02	0.6801	0.5483
327.007	22.97	0.73	0	0	0	0	0.01	0.02	0.681	0.5503
328.007	22.97	0.73	0	0	0	0	0.01	0.02	0.6819	0.5523
329.007	22.97	0.73	0	0	0	0	0.01	0.02	0.6828	0.5542
330.007	22.97	0.73	0	0	0	0	0.01	0.02	0.6837	0.5562
331.007	22.97	0.73	0	0	0	0	0.01	0.02	0.6846	0.5582
332.007	22.96	0.73	0	0	0	0	0.01	0.02	0.6855	0.5602
333.007	22.96	0.73	0	0	0	0	0.01	0.02	0.6864	0.5622
334.007	22.96	0.73	0	0	0	0	0.01	0.02	0.6874	0.5642
335.007	22.96	0.73	0	0	0	0	0.01	0.02	0.6883	0.5662
336.007	22.96	0.73	0	0	0	0	0.01	0.02	0.6892	0.5682
336.016	22.96	0.73	0	0	0	0	0.01	0.02	0.6892	0.5682

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	EC-3							
0	22.5	0.18	0	0	0	0	0	0	0	0
1.012	22.5	0.18	0	0	0	0	0	0	0	0
2.012	22.5	0.18	0	0	0	0	0	0	0	0
3.012	22.5	0.18	0	0	0	0	0	0	0	0
4.012	22.5	0.18	0	0	0	0	0	0	0	0
5.012	22.5	0.18	0	0	0	0	0	0	0	0
6.012	22.5	0.18	0	0	0	0	0	0	0	0
7.012	22.5	0.18	0	0	0	0	0	0	0	0
8.012	22.5	0.18	0	0	0	0	0	0	0	0
9.012	22.5	0.18	0	0	0	0	0	0	0	0
10.012	22.5	0.18	0	0	0	0	0	0	0	0
11.012	22.5	0.18	0	0	0	0	0	0	0	0
12.012	22.5	0.18	0	0	0	0	0	0	0	0
13.012	22.5	0.18	0	0	0	0	0	0	0	0
14.012	22.5	0.18	0	0	0	0	0	0	0	0
15.012	22.5	0.18	0	0	0	0	0	0	0	0
16.012	22.5	0.18	0	0	0	0	0	0	0	0
17.012	22.5	0.18	0	0	0	0	0	0	0	0
18.012	22.5	0.18	0	0	0	0	0	0	0	0
19.012	22.5	0.18	0	0	0	0	0	0	0	0
20.012	22.5	0.18	0	0	0	0	0	0	0	0
21.012	22.5	0.18	0	0	0	0	0	0	0	0
22.012	22.5	0.18	0	0	0	0	0	0	0	0
23.012	22.5	0.18	0	0	0	0	0	0	0	0
24.012	22.5	0.18	0	0	0	0	0	0	0	0
25.012	22.5	0.18	0	0	0	0	0	0	0	0
26.012	22.5	0.18	0	0	0	0	0	0	0.0001	0
27.012	22.5	0.18	0	0	0	0	0	0	0.0002	0
28.012	22.5	0.18	0	0	0	0	0	0	0.0005	0
29.012	22.5	0.19	0	0	0	0	0	0	0.0009	0
30.012	22.51	0.19	0	0.01	0	0	0	0	0.0013	0
31.012	22.51	0.19	0	0.01	0	0	0	0	0.0018	0
32.012	22.51	0.2	0	0.01	0	0	0	0	0.0025	0
33.012	22.52	0.2	0	0.01	0	0	0	0	0.0032	0
34.012	22.52	0.21	0	0.01	0	0	0	0	0.0039	0
35.012	22.52	0.21	0	0.01	0	0	0	0	0.0048	0
36.012	22.53	0.22	0	0.01	0	0	0	0	0.0057	0
37.012	22.53	0.23	0	0.01	0	0	0	0	0.0067	0
38.012	22.54	0.23	0	0.01	0	0	0	0	0.0078	0
39.012	22.54	0.24	0	0.01	0	0	0	0	0.0089	0
40.012	22.55	0.24	0	0.02	0	0	0	0	0.0102	0
41.012	22.55	0.25	0	0.02	0	0	0	0	0.0114	0
42.012	22.56	0.26	0	0.02	0	0	0	0	0.0128	0
43.012	22.56	0.27	0	0.02	0	0	0	0	0.0142	0
44.012	22.57	0.29	0	0.02	0	0	0	0	0.0156	0
45.012	22.57	0.3	0	0.02	0	0	0	0	0.0171	0
46.012	22.58	0.31	0	0.02	0	0	0	0	0.0187	0
47.012	22.58	0.31	0	0.02	0	0	0	0	0.0204	0
48.012	22.59	0.32	0	0.02	0	0	0	0	0.022	0
49.012	22.6	0.33	0	0.02	0	0	0	0	0.0239	0

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.20)
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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	22.6	0.46	0	0.02	0	0	0	0	0.0259	0.0002
51.012	22.6	0.46	0	0.03	0	0	0	0.01	0.0282	0.0008
52.012	22.61	0.47	0	0.03	0	0	0	0.01	0.0309	0.0018
53.012	22.61	0.5	0	0.05	0	0	0	0.02	0.0343	0.0032
54.012	22.62	0.5	0	0.06	0	0	0.01	0.02	0.039	0.005
55.012	22.63	0.51	0	0.08	0	0	0.01	0.03	0.0453	0.0074
56.012	22.63	0.53	0	0.09	0	0	0.02	0.04	0.0534	0.0106
57.012	22.65	0.54	0	0.11	0	0	0.03	0.06	0.064	0.0149
58.012	22.66	0.56	0	0.15	0	0	0.05	0.08	0.0781	0.0207
59.012	22.68	0.59	0	0.26	0	0	0.07	0.11	0.1001	0.0288
60.007	22.85	0.82	0	2.65	0	0	0.38	0.39	0.2383	0.0497
61.007	22.99	0.89	0	0.42	0	0	0.73	0.87	0.411	0.1017
62.007	23	0.89	0	0.23	0	0	0.66	0.88	0.4954	0.1738
63.007	23	0.89	0	0.15	0	0	0.51	0.69	0.5595	0.2389
64.007	23	0.89	0	0.15	0	0	0.34	0.42	0.6071	0.2847
65.007	23.01	0.89	0	0.09	0	0	0.1	0.09	0.6355	0.3056
66.007	23.02	0.89	0	0.09	0	0	0	0	0.6473	0.3093
67.007	23.03	0.89	0	0.09	0	0	0.07	0.05	0.6576	0.3113
68.007	23.04	0.89	0	0.09	0	0	0.13	0.1	0.6735	0.3175
69.007	23.05	0.89	0	0.06	0	0	0.17	0.13	0.6924	0.3272
70.007	23.06	0.89	0	0.06	0	0	0.18	0.14	0.7122	0.3386
71.007	23.07	0.89	0	0.06	0	0	0.2	0.16	0.7332	0.3511
72.007	23.08	0.89	0	0.06	0	0	0.21	0.16	0.7552	0.3645
73.007	23.09	0.89	0	0	0	0	0.19	0.15	0.7742	0.3776
74.007	23.09	0.89	0	0	0	0	0.11	0.09	0.7865	0.3877
75.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
76.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
77.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
78.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
79.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
80.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
81.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
82.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
83.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
84.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
85.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
86.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
87.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
88.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
89.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
90.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
91.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
92.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
93.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
94.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
95.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
96.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
97.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
98.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
99.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
100.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
102.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
103.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
104.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
105.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
106.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
107.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
108.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
109.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
110.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
111.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
112.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
113.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
114.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
115.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
116.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
117.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
118.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
119.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
120.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
121.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
122.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
123.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
124.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
125.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
126.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
127.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
128.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
129.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
130.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
131.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
132.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
133.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
134.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
135.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
136.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
137.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
138.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
139.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
140.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
141.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
142.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
143.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
144.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
145.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
146.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
147.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
148.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
149.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
150.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
151.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
153.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
154.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
155.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
156.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
157.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
158.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
159.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
160.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
161.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
162.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
163.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
164.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
165.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
166.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
167.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
168.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
169.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
170.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
171.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
172.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
173.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
174.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
175.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
176.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
177.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
178.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
179.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
180.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
181.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
182.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
183.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
184.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
185.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
186.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
187.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
188.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
189.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
190.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
191.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
192.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
193.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
194.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
195.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
196.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
197.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
198.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
199.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
200.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
201.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
202.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
203.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
204.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
205.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
206.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
207.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
208.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
209.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
210.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
211.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
212.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
213.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
214.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
215.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
216.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
217.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
218.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
219.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
220.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
221.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
222.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
223.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
224.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
225.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
226.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
227.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
228.007	23.09	0.89	0	0	0	0	0	0	0.791	0.3915
229.007	23.09	0.89	0	0	0	0	0.03	0	0.792	0.3915
230.007	23.09	0.89	0	0	0	0	0.03	0	0.7942	0.3915
231.007	23.09	0.89	0	0	0	0	0.03	0	0.7965	0.3915
232.007	23.09	0.89	0	0	0	0	0.03	0	0.7988	0.3915
233.007	23.09	0.89	0	0	0	0	0.03	0	0.8012	0.3915
234.007	23.09	0.89	0	0	0	0	0.03	0	0.8037	0.3915
235.007	23.09	0.89	0	0	0	0	0.03	0	0.8062	0.3915
236.007	23.08	0.89	0	0	0	0	0.03	0	0.8087	0.3915
237.007	23.08	0.89	0	0	0	0	0.03	0	0.8113	0.3915
238.007	23.08	0.89	0	0	0	0	0.03	0	0.8139	0.3915
239.007	23.08	0.89	0	0	0	0	0.03	0	0.8165	0.3915
240.007	23.08	0.89	0	0	0	0	0.03	0	0.8192	0.3915
241.007	23.08	0.89	0	0	0	0	0.03	0	0.8218	0.3915
242.007	23.08	0.89	0	0	0	0	0.03	0	0.8245	0.3915
243.007	23.08	0.89	0	0	0	0	0.03	0	0.8272	0.3915
244.007	23.08	0.89	0	0	0	0	0.03	0	0.8299	0.3915
245.007	23.08	0.89	0	0	0	0	0.03	0	0.8326	0.3915
246.007	23.07	0.89	0	0	0	0	0.03	0	0.8354	0.3915
247.007	23.07	0.89	0	0	0	0	0.03	0	0.8382	0.3915
248.007	23.07	0.89	0	0	0	0	0.03	0	0.841	0.3915
249.007	23.07	0.89	0	0	0	0	0.03	0	0.8438	0.3915
250.007	23.07	0.89	0	0	0	0	0.03	0.02	0.8465	0.3924
251.007	23.07	0.89	0	0	0	0	0.03	0.02	0.8493	0.3943
252.007	23.07	0.89	0	0	0	0	0.03	0	0.8521	0.3952
253.007	23.07	0.89	0	0	0	0	0.03	0	0.8549	0.3952

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
254.007	23.07	0.89	0	0	0	0	0.03	0	0.8576	0.3952
255.007	23.06	0.89	0	0	0	0	0.04	0	0.8605	0.3952
256.007	23.06	0.89	0	0	0	0	0.03	0	0.863	0.3952
257.007	23.06	0.89	0	0	0	0	0.03	0	0.8652	0.3952
258.007	23.06	0.89	0	0	0	0	0.03	0.03	0.8676	0.3962
259.007	23.06	0.89	0	0	0	0	0.04	0	0.8704	0.3973
260.007	23.06	0.89	0	0	0	0	0.03	0.02	0.8731	0.3982
261.007	23.06	0.89	0	0	0	0	0.03	0.03	0.8754	0.4003
262.007	23.06	0.89	0	0	0	0	0.02	0.02	0.8773	0.4024
263.007	23.06	0.89	0	0	0	0	0.02	0.02	0.8792	0.4043
264.007	23.05	0.89	0	0	0	0	0.02	0.02	0.881	0.4062
265.007	23.05	0.89	0	0	0	0	0.02	0.02	0.8829	0.4082
266.007	23.05	0.89	0	0	0	0	0.02	0.02	0.8847	0.4102
267.007	23.05	0.89	0	0	0	0	0.02	0.03	0.8865	0.4123
268.007	23.05	0.89	0	0	0	0	0.02	0.03	0.8883	0.4144
269.007	23.05	0.89	0	0	0	0	0.02	0.03	0.8901	0.4165
270.007	23.05	0.89	0	0	0	0	0.02	0.03	0.8919	0.4187
271.007	23.05	0.89	0	0	0	0	0.02	0.03	0.8936	0.4209
272.007	23.05	0.89	0	0	0	0	0.02	0.03	0.8954	0.4231
273.007	23.04	0.89	0	0	0	0	0.02	0.03	0.8972	0.4254
274.007	23.04	0.89	0	0	0	0	0.02	0.03	0.8989	0.4277
275.007	23.04	0.89	0	0	0	0	0.02	0.03	0.9007	0.43
276.007	23.04	0.89	0	0	0	0	0.02	0.03	0.9025	0.4324
277.007	23.04	0.89	0	0	0	0	0.02	0.03	0.9042	0.4348
278.007	23.04	0.89	0	0	0	0	0.02	0.03	0.906	0.4372
279.007	23.04	0.89	0	0	0	0	0.02	0.03	0.9078	0.4396
280.007	23.04	0.89	0	0	0	0	0.02	0.03	0.9095	0.4421
281.007	23.03	0.89	0	0	0	0	0.02	0.03	0.9113	0.4446
282.007	23.03	0.89	0	0	0	0	0.02	0.03	0.9131	0.4471
283.007	23.03	0.89	0	0	0	0	0.02	0.03	0.9149	0.4496
284.007	23.03	0.89	0	0	0	0	0.02	0.03	0.9166	0.4522
285.007	23.03	0.89	0	0	0	0	0.02	0.03	0.9184	0.4548
286.007	23.03	0.89	0	0	0	0	0.02	0.03	0.9202	0.4574
287.007	23.03	0.89	0	0	0	0	0.02	0.03	0.922	0.46
288.007	23.03	0.89	0	0	0	0	0.02	0.03	0.9238	0.4626
289.007	23.02	0.89	0	0	0	0	0.02	0.03	0.9256	0.4653
290.007	23.02	0.89	0	0	0	0	0.02	0.04	0.9274	0.4681
291.007	23.02	0.89	0	0	0	0	0.02	0.04	0.9291	0.471
292.007	23.02	0.89	0	0	0	0	0.02	0.04	0.9309	0.474
293.007	23.02	0.89	0	0	0	0	0.02	0.04	0.9327	0.4769
294.007	23.02	0.89	0	0	0	0	0.02	0.04	0.9345	0.4799
295.007	23.02	0.89	0	0	0	0	0.02	0.04	0.9362	0.4829
296.007	23.01	0.89	0	0	0	0	0.02	0.04	0.938	0.4858
297.007	23.01	0.89	0	0	0	0	0.02	0.04	0.9398	0.4888
298.007	23.01	0.89	0	0	0	0	0.02	0.04	0.9416	0.4918
299.007	23.01	0.89	0	0	0	0	0.02	0.04	0.9435	0.4949
300.007	23.01	0.89	0	0	0	0	0.02	0.04	0.9453	0.4979
301.007	23.01	0.89	0	0	0	0	0.02	0.04	0.9471	0.5009
302.007	23.01	0.89	0	0	0	0	0.02	0.04	0.9489	0.504
303.007	23.01	0.89	0	0	0	0	0.02	0.04	0.9508	0.507
304.007	23	0.89	0	0	0	0	0.02	0.04	0.9526	0.5101

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	23	0.89	0	0	0	0	0.02	0.04	0.9545	0.5132
306.007	23	0.89	0	0	0	0	0.02	0.04	0.9563	0.5162
307.007	23	0.89	0	0	0	0	0.02	0.04	0.9582	0.5193
308.007	23	0.89	0	0	0	0	0.02	0.04	0.96	0.5224
309.007	23	0.89	0	0	0	0	0.02	0.04	0.9619	0.5256
310.007	23	0.89	0	0	0	0	0.02	0.04	0.9638	0.5287
311.007	22.99	0.89	0	0	0	0	0.02	0.04	0.9657	0.5318
312.007	22.99	0.89	0	0	0	0	0.02	0.04	0.9676	0.535
313.007	22.99	0.89	0	0	0	0	0.02	0.04	0.9695	0.5381
314.007	22.99	0.89	0	0	0	0	0.02	0.04	0.9714	0.5413
315.007	22.99	0.89	0	0	0	0	0.02	0.04	0.9733	0.5444
316.007	22.99	0.89	0	0	0	0	0.02	0.04	0.9752	0.5476
317.007	22.99	0.89	0	0	0	0	0.02	0.04	0.9771	0.5508
318.007	22.98	0.89	0	0	0	0	0.02	0.04	0.979	0.554
319.007	22.98	0.89	0	0	0	0	0.02	0.04	0.981	0.5572
320.007	22.98	0.89	0	0	0	0	0.02	0.04	0.9829	0.5604
321.007	22.98	0.89	0	0	0	0	0.02	0.04	0.9848	0.5637
322.007	22.98	0.89	0	0	0	0	0.02	0.04	0.9868	0.5669
323.007	22.98	0.89	0	0	0	0	0.02	0.04	0.9887	0.5701
324.007	22.98	0.89	0	0	0	0	0.02	0.04	0.9907	0.5734
325.007	22.97	0.89	0	0	0	0	0.02	0.04	0.9926	0.5766
326.007	22.97	0.89	0	0	0	0	0.02	0.04	0.9946	0.5799
327.007	22.97	0.89	0	0	0	0	0.02	0.04	0.9966	0.5832
328.007	22.97	0.89	0	0	0	0	0.02	0.04	0.9985	0.5864
329.007	22.97	0.89	0	0	0	0	0.02	0.04	1.0005	0.5897
330.007	22.97	0.89	0	0	0	0	0.02	0.04	1.0025	0.593
331.007	22.97	0.89	0	0	0	0	0.02	0.04	1.0045	0.5963
332.007	22.96	0.89	0	0	0	0	0.02	0.04	1.0065	0.5996
333.007	22.96	0.89	0	0	0	0	0.02	0.04	1.0085	0.603
334.007	22.96	0.89	0	0	0	0	0.02	0.04	1.0105	0.6063
335.007	22.96	0.89	0	0	0	0	0.02	0.04	1.0125	0.6096
336.007	22.96	0.89	0	0	0	0	0.02	0.04	1.0145	0.6129
336.016	22.96	0.89	0	0	0	0	0.02	0.04	1.0145	0.613

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	EC-4							
0	22.4	0.18	0	0	0	0	0	0	0	0
1.012	22.4	0.18	0	0	0	0	0	0	0	0
2.012	22.4	0.18	0	0	0	0	0	0	0	0
3.012	22.4	0.18	0	0	0	0	0	0	0	0
4.012	22.4	0.18	0	0	0	0	0	0	0	0
5.012	22.4	0.18	0	0	0	0	0	0	0	0
6.012	22.4	0.18	0	0	0	0	0	0	0	0
7.012	22.4	0.18	0	0	0	0	0	0	0	0
8.012	22.4	0.18	0	0	0	0	0	0	0	0
9.012	22.4	0.18	0	0	0	0	0	0	0	0
10.012	22.4	0.18	0	0	0	0	0	0	0	0
11.012	22.4	0.18	0	0	0	0	0	0	0	0
12.012	22.4	0.18	0	0	0	0	0	0	0	0
13.012	22.4	0.18	0	0	0	0	0	0	0	0
14.012	22.4	0.18	0	0	0	0	0	0	0	0
15.012	22.4	0.18	0	0	0	0	0	0	0	0
16.012	22.4	0.18	0	0	0	0	0	0	0	0
17.012	22.4	0.18	0	0	0	0	0	0	0	0
18.012	22.4	0.18	0	0	0	0	0	0	0	0
19.012	22.4	0.18	0	0	0	0	0	0	0	0
20.012	22.4	0.18	0	0	0	0	0	0	0	0
21.012	22.4	0.18	0	0	0	0	0	0	0	0
22.012	22.4	0.18	0	0	0	0	0	0	0	0
23.012	22.4	0.18	0	0	0	0	0	0	0	0
24.012	22.4	0.18	0	0	0	0	0	0	0	0
25.012	22.4	0.18	0	0	0	0	0	0	0	0
26.012	22.4	0.18	0	0	0	0	0	0	0.0002	0
27.012	22.4	0.19	0	0.01	0	0	0	0	0.0005	0
28.012	22.41	0.2	0	0.01	0	0	0	0	0.0011	0
29.012	22.41	0.2	0	0.01	0	0	0	0	0.0018	0
30.012	22.41	0.22	0	0.01	0	0	0	0	0.0027	0
31.012	22.42	0.23	0	0.01	0	0	0	0	0.0038	0
32.012	22.42	0.24	0	0.02	0	0	0	0	0.0051	0
33.012	22.43	0.26	0	0.02	0	0	0	0	0.0065	0
34.012	22.44	0.27	0	0.02	0	0	0	0	0.0081	0
35.012	22.44	0.29	0	0.02	0	0	0	0	0.0099	0
36.012	22.45	0.31	0	0.02	0	0	0	0	0.0118	0
37.012	22.46	0.32	0	0.03	0	0	0	0	0.0139	0
38.012	22.46	0.34	0	0.03	0	0	0	0	0.0161	0
39.012	22.47	0.36	0	0.03	0	0	0	0	0.0185	0
40.012	22.48	0.38	0	0.03	0	0	0	0	0.021	0
41.012	22.48	0.39	0	0.03	0	0	0	0	0.0237	0
42.012	22.49	0.41	0	0.03	0	0	0	0	0.0264	0
43.012	22.5	0.43	0	0.04	0	0	0	0	0.0293	0
44.012	22.5	0.59	0	0.04	0	0	0	0	0.0324	0
45.012	22.51	0.6	0	0.04	0	0	0	0	0.0355	0
46.012	22.51	0.62	0	0.04	0	0	0	0	0.0388	0.0002
47.012	22.52	0.63	0	0.04	0	0	0	0	0.0421	0.0005
48.012	22.52	0.64	0	0.04	0	0	0	0.01	0.0456	0.001
49.012	22.53	0.65	0	0.05	0	0	0	0.01	0.0494	0.0018

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	22.53	0.69	0	0.05	0	0	0	0.02	0.0537	0.003
51.012	22.54	0.7	0	0.06	0	0	0.01	0.02	0.0591	0.0046
52.012	22.54	0.72	0	0.07	0	0	0.01	0.03	0.0657	0.007
53.012	22.55	0.73	0	0.1	0	0	0.02	0.04	0.074	0.0102
54.012	22.56	0.76	0	0.12	0	0	0.02	0.06	0.085	0.0145
55.012	22.57	0.79	0	0.16	0	0	0.03	0.08	0.0989	0.0203
56.012	22.58	0.82	0	0.19	0	0	0.04	0.11	0.1165	0.0279
57.012	22.6	0.86	0	0.23	0	0	0.06	0.14	0.1384	0.0379
58.012	22.61	0.9	0	0.32	0	0	0.08	0.18	0.1669	0.0508
59.012	22.64	0.97	0	0.54	0	0	0.11	0.24	0.2103	0.0681
60.007	22.83	1.46	0	5.48	0	0	0.39	0.93	0.4788	0.1164
61.007	22.96	1.65	0	0.86	0	0	0.87	1.39	0.7932	0.2124
62.007	22.97	1.65	0	0.49	0	0	0.88	1.16	0.9211	0.3178
63.007	22.98	1.65	0	0.32	0	0	0.69	0.82	1.0193	0.3996
64.007	23	1.65	0	0.31	0	0	0.42	0.39	1.0911	0.4494
65.007	23.01	1.65	0	0.19	0	0	0.09	0.06	1.1326	0.4677
66.007	23.02	1.65	0	0.19	0	0	0	0	1.1519	0.4699
67.007	23.03	1.65	0	0.19	0	0	0.05	0	1.1696	0.4699
68.007	23.04	1.65	0	0.19	0	0	0.1	0.06	1.1915	0.4723
69.007	23.05	1.65	0	0.13	0	0	0.13	0.07	1.2144	0.4775
70.007	23.06	1.65	0	0.13	0	0	0.14	0.08	1.2363	0.4836
71.007	23.07	1.65	0	0.13	0	0	0.16	0.08	1.2593	0.4903
72.007	23.08	1.65	0	0.13	0	0	0.16	0.09	1.2832	0.4974
73.007	23.09	1.65	0	0	0	0	0.15	0.08	1.3016	0.5041
74.007	23.09	1.65	0	0	0	0	0.09	0.04	1.3117	0.5089
75.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
76.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
77.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
78.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
79.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
80.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
81.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
82.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
83.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
84.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
85.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
86.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
87.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
88.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
89.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
90.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
91.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
92.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
93.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
94.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
95.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
96.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
97.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
98.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
99.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
100.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
102.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
103.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
104.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
105.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
106.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
107.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
108.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
109.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
110.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
111.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
112.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
113.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
114.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
115.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
116.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
117.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
118.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
119.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
120.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
121.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
122.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
123.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
124.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
125.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
126.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
127.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
128.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
129.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
130.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
131.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
132.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
133.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
134.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
135.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
136.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
137.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
138.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
139.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
140.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
141.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
142.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
143.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
144.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
145.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
146.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
147.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
148.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
149.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
150.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
151.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
153.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
154.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
155.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
156.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
157.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
158.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
159.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
160.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
161.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
162.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
163.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
164.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
165.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
166.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
167.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
168.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
169.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
170.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
171.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
172.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
173.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
174.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
175.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
176.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
177.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
178.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
179.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
180.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
181.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
182.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
183.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
184.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
185.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
186.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
187.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
188.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
189.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
190.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
191.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
192.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
193.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
194.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
195.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
196.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
197.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
198.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
199.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
200.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
201.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
202.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
203.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
204.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
205.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
206.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
207.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
208.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
209.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
210.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
211.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
212.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
213.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
214.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
215.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
216.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
217.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
218.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
219.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
220.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
221.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
222.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
223.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
224.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
225.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
226.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
227.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
228.007	23.09	1.65	0	0	0	0	0	0	1.3155	0.5106
229.007	23.09	1.65	0	0	0	0	0	0.07	1.3155	0.5136
230.007	23.09	1.65	0	0	0	0	0	0.08	1.3155	0.5198
231.007	23.09	1.65	0	0	0	0	0	0.08	1.3155	0.5263
232.007	23.09	1.65	0	0	0	0	0	0.08	1.3155	0.5331
233.007	23.09	1.65	0	0	0	0	0	0.09	1.3155	0.5401
234.007	23.09	1.65	0	0	0	0	0	0.09	1.3155	0.5473
235.007	23.09	1.65	0	0	0	0	0	0.09	1.3155	0.5545
236.007	23.08	1.65	0	0	0	0	0	0.09	1.3155	0.5619
237.007	23.08	1.65	0	0	0	0	0	0.09	1.3155	0.5693
238.007	23.08	1.65	0	0	0	0	0	0.09	1.3155	0.5768
239.007	23.08	1.65	0	0	0	0	0	0.09	1.3155	0.5844
240.007	23.08	1.65	0	0	0	0	0	0.09	1.3155	0.592
241.007	23.08	1.65	0	0	0	0	0	0.09	1.3155	0.5997
242.007	23.08	1.65	0	0	0	0	0	0.09	1.3155	0.6074
243.007	23.08	1.65	0	0	0	0	0	0.09	1.3155	0.6152
244.007	23.08	1.65	0	0	0	0	0	0.1	1.3155	0.623
245.007	23.08	1.65	0	0	0	0	0	0.1	1.3155	0.631
246.007	23.07	1.65	0	0	0	0	0	0.1	1.3155	0.6389
247.007	23.07	1.65	0	0	0	0	0	0.09	1.3155	0.6466
248.007	23.07	1.65	0	0	0	0	0	0.1	1.3155	0.6543
249.007	23.07	1.65	0	0	0	0	0	0.1	1.3155	0.6622
250.007	23.07	1.65	0	0	0	0	0.02	0.08	1.3164	0.6696
251.007	23.07	1.65	0	0	0	0	0.02	0.08	1.3183	0.6763
252.007	23.07	1.65	0	0	0	0	0	0.09	1.3192	0.6836
253.007	23.07	1.65	0	0	0	0	0	0.08	1.3192	0.6909

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
254.007	23.07	1.65	0	0	0	0	0	0.1	1.3192	0.6982
255.007	23.06	1.65	0	0	0	0	0	0.09	1.3192	0.706
256.007	23.06	1.65	0	0	0	0	0	0.09	1.3192	0.7138
257.007	23.06	1.65	0	0	0	0	0	0.09	1.3192	0.7215
258.007	23.06	1.65	0	0	0	0	0.03	0.08	1.3202	0.7288
259.007	23.06	1.65	0	0	0	0	0	0.09	1.3213	0.736
260.007	23.06	1.65	0	0	0	0	0.02	0.08	1.3222	0.7432
261.007	23.06	1.65	0	0	0	0	0.03	0.08	1.3243	0.7498
262.007	23.06	1.65	0	0	0	0	0.02	0.08	1.3264	0.7564
263.007	23.06	1.65	0	0	0	0	0.02	0.08	1.3283	0.763
264.007	23.05	1.65	0	0	0	0	0.02	0.08	1.3302	0.7696
265.007	23.05	1.65	0	0	0	0	0.02	0.08	1.3322	0.7762
266.007	23.05	1.65	0	0	0	0	0.02	0.08	1.3342	0.7827
267.007	23.05	1.65	0	0	0	0	0.03	0.08	1.3363	0.7893
268.007	23.05	1.65	0	0	0	0	0.03	0.08	1.3384	0.7958
269.007	23.05	1.65	0	0	0	0	0.03	0.08	1.3405	0.8023
270.007	23.05	1.65	0	0	0	0	0.03	0.08	1.3427	0.8088
271.007	23.05	1.65	0	0	0	0	0.03	0.08	1.3449	0.8154
272.007	23.05	1.65	0	0	0	0	0.03	0.08	1.3471	0.8219
273.007	23.04	1.65	0	0	0	0	0.03	0.08	1.3494	0.8284
274.007	23.04	1.65	0	0	0	0	0.03	0.08	1.3517	0.8349
275.007	23.04	1.65	0	0	0	0	0.03	0.08	1.354	0.8414
276.007	23.04	1.65	0	0	0	0	0.03	0.08	1.3564	0.8479
277.007	23.04	1.65	0	0	0	0	0.03	0.08	1.3588	0.8544
278.007	23.04	1.65	0	0	0	0	0.03	0.08	1.3612	0.8609
279.007	23.04	1.65	0	0	0	0	0.03	0.08	1.3636	0.8674
280.007	23.04	1.65	0	0	0	0	0.03	0.08	1.3661	0.8739
281.007	23.03	1.65	0	0	0	0	0.03	0.08	1.3686	0.8804
282.007	23.03	1.65	0	0	0	0	0.03	0.08	1.3711	0.8869
283.007	23.03	1.65	0	0	0	0	0.03	0.08	1.3736	0.8934
284.007	23.03	1.65	0	0	0	0	0.03	0.08	1.3762	0.8999
285.007	23.03	1.65	0	0	0	0	0.03	0.08	1.3788	0.9064
286.007	23.03	1.65	0	0	0	0	0.03	0.08	1.3814	0.9129
287.007	23.03	1.65	0	0	0	0	0.03	0.08	1.384	0.9194
288.007	23.03	1.65	0	0	0	0	0.03	0.08	1.3866	0.9259
289.007	23.02	1.65	0	0	0	0	0.03	0.08	1.3893	0.9324
290.007	23.02	1.65	0	0	0	0	0.04	0.06	1.3921	0.9382
291.007	23.02	1.65	0	0	0	0	0.04	0.06	1.395	0.9433
292.007	23.02	1.65	0	0	0	0	0.04	0.06	1.398	0.9484
293.007	23.02	1.65	0	0	0	0	0.04	0.06	1.4009	0.9536
294.007	23.02	1.65	0	0	0	0	0.04	0.06	1.4039	0.9587
295.007	23.02	1.65	0	0	0	0	0.04	0.06	1.4069	0.9639
296.007	23.01	1.65	0	0	0	0	0.04	0.06	1.4099	0.9691
297.007	23.01	1.65	0	0	0	0	0.04	0.06	1.4128	0.9743
298.007	23.01	1.65	0	0	0	0	0.04	0.06	1.4158	0.9795
299.007	23.01	1.65	0	0	0	0	0.04	0.06	1.4189	0.9847
300.007	23.01	1.65	0	0	0	0	0.04	0.06	1.4219	0.99
301.007	23.01	1.65	0	0	0	0	0.04	0.06	1.4249	0.9953
302.007	23.01	1.65	0	0	0	0	0.04	0.06	1.428	1.0006
303.007	23.01	1.65	0	0	0	0	0.04	0.06	1.431	1.0059
304.007	23	1.65	0	0	0	0	0.04	0.06	1.4341	1.0112

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	23	1.65	0	0	0	0	0.04	0.06	1.4372	1.0166
306.007	23	1.65	0	0	0	0	0.04	0.07	1.4402	1.0219
307.007	23	1.65	0	0	0	0	0.04	0.07	1.4433	1.0273
308.007	23	1.65	0	0	0	0	0.04	0.07	1.4464	1.0327
309.007	23	1.65	0	0	0	0	0.04	0.07	1.4496	1.0381
310.007	23	1.65	0	0	0	0	0.04	0.07	1.4527	1.0436
311.007	22.99	1.65	0	0	0	0	0.04	0.07	1.4558	1.049
312.007	22.99	1.65	0	0	0	0	0.04	0.07	1.459	1.0545
313.007	22.99	1.65	0	0	0	0	0.04	0.07	1.4621	1.06
314.007	22.99	1.65	0	0	0	0	0.04	0.07	1.4653	1.0655
315.007	22.99	1.65	0	0	0	0	0.04	0.07	1.4684	1.071
316.007	22.99	1.65	0	0	0	0	0.04	0.07	1.4716	1.0765
317.007	22.99	1.65	0	0	0	0	0.04	0.07	1.4748	1.0821
318.007	22.98	1.65	0	0	0	0	0.04	0.07	1.478	1.0876
319.007	22.98	1.65	0	0	0	0	0.04	0.07	1.4812	1.0932
320.007	22.98	1.65	0	0	0	0	0.04	0.07	1.4844	1.0988
321.007	22.98	1.65	0	0	0	0	0.04	0.07	1.4877	1.1044
322.007	22.98	1.65	0	0	0	0	0.04	0.07	1.4909	1.11
323.007	22.98	1.65	0	0	0	0	0.04	0.07	1.4941	1.1157
324.007	22.98	1.65	0	0	0	0	0.04	0.07	1.4974	1.1213
325.007	22.97	1.65	0	0	0	0	0.04	0.07	1.5006	1.127
326.007	22.97	1.65	0	0	0	0	0.04	0.07	1.5039	1.1327
327.007	22.97	1.65	0	0	0	0	0.04	0.07	1.5072	1.1384
328.007	22.97	1.65	0	0	0	0	0.04	0.07	1.5104	1.1441
329.007	22.97	1.65	0	0	0	0	0.04	0.07	1.5137	1.1498
330.007	22.97	1.65	0	0	0	0	0.04	0.07	1.517	1.1555
331.007	22.97	1.65	0	0	0	0	0.04	0.07	1.5203	1.1613
332.007	22.96	1.65	0	0	0	0	0.04	0.07	1.5236	1.167
333.007	22.96	1.65	0	0	0	0	0.04	0.07	1.527	1.1728
334.007	22.96	1.65	0	0	0	0	0.04	0.07	1.5303	1.1786
335.007	22.96	1.65	0	0	0	0	0.04	0.07	1.5336	1.1844
336.007	22.96	1.65	0	0	0	0	0.04	0.07	1.5369	1.1902
336.016	22.96	1.65	0	0	0	0	0.04	0.07	1.537	1.1903

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	EC-5							
0	22.3	0.19	0	0	0	0	0	0	0	0
1.012	22.3	0.19	0	0	0	0	0	0	0	0
2.012	22.3	0.19	0	0	0	0	0	0	0	0
3.012	22.3	0.19	0	0	0	0	0	0	0	0
4.012	22.3	0.19	0	0	0	0	0	0	0	0
5.012	22.3	0.19	0	0	0	0	0	0	0	0
6.012	22.3	0.19	0	0	0	0	0	0	0	0
7.012	22.3	0.19	0	0	0	0	0	0	0	0
8.012	22.3	0.19	0	0	0	0	0	0	0	0
9.012	22.3	0.19	0	0	0	0	0	0	0	0
10.012	22.3	0.19	0	0	0	0	0	0	0	0
11.012	22.3	0.19	0	0	0	0	0	0	0	0
12.012	22.3	0.19	0	0	0	0	0	0	0	0
13.012	22.3	0.19	0	0	0	0	0	0	0	0
14.012	22.3	0.19	0	0	0	0	0	0	0	0
15.012	22.3	0.19	0	0	0	0	0	0	0	0
16.012	22.3	0.19	0	0	0	0	0	0	0	0
17.012	22.3	0.19	0	0	0	0	0	0	0	0
18.012	22.3	0.19	0	0	0	0	0	0	0	0
19.012	22.3	0.19	0	0	0	0	0	0	0	0
20.012	22.3	0.19	0	0	0	0	0	0	0	0
21.012	22.3	0.19	0	0	0	0	0	0	0	0
22.012	22.3	0.19	0	0	0	0	0	0	0	0
23.012	22.3	0.19	0	0	0	0	0	0	0	0
24.012	22.3	0.19	0	0	0	0	0	0	0	0
25.012	22.3	0.19	0	0	0	0	0	0	0	0
26.012	22.3	0.19	0	0	0	0	0	0	0.0001	0
27.012	22.3	0.19	0	0	0	0	0	0	0.0003	0
28.012	22.3	0.19	0	0.01	0	0	0	0	0.0007	0
29.012	22.31	0.2	0	0.01	0	0	0	0	0.0012	0
30.012	22.31	0.2	0	0.01	0	0	0	0	0.0018	0
31.012	22.31	0.2	0	0.01	0	0	0	0	0.0026	0
32.012	22.32	0.21	0	0.01	0	0	0	0	0.0035	0
33.012	22.32	0.22	0	0.01	0	0	0	0	0.0044	0
34.012	22.33	0.22	0	0.01	0	0	0	0	0.0055	0
35.012	22.33	0.23	0	0.02	0	0	0	0	0.0067	0
36.012	22.34	0.24	0	0.02	0	0	0	0	0.008	0
37.012	22.34	0.25	0	0.02	0	0	0	0	0.0095	0
38.012	22.35	0.25	0	0.02	0	0	0	0	0.011	0
39.012	22.36	0.26	0	0.02	0	0	0	0	0.0126	0
40.012	22.36	0.27	0	0.02	0	0	0	0	0.0143	0
41.012	22.37	0.28	0	0.02	0	0	0	0	0.0161	0
42.012	22.38	0.29	0	0.02	0	0	0	0	0.018	0
43.012	22.38	0.3	0	0.02	0	0	0	0	0.02	0
44.012	22.39	0.39	0	0.03	0	0	0	0	0.022	0
45.012	22.39	0.4	0	0.03	0	0	0	0	0.0242	0
46.012	22.4	0.41	0	0.03	0	0	0	0	0.0266	0
47.012	22.4	0.49	0	0.03	0	0	0	0	0.0291	0
48.012	22.41	0.5	0	0.03	0	0	0.01	0	0.032	0.0001
49.012	22.42	0.51	0	0.03	0	0	0.01	0	0.0354	0.0003

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	22.42	0.52	0	0.04	0	0	0.02	0.01	0.0394	0.0008
51.012	22.43	0.53	0	0.04	0	0	0.02	0.01	0.0443	0.0016
52.012	22.44	0.54	0	0.05	0	0	0.03	0.02	0.0504	0.0028
53.012	22.45	0.56	0	0.07	0	0	0.04	0.03	0.0583	0.0048
54.012	22.46	0.58	0	0.08	0	0	0.06	0.05	0.0689	0.0082
55.012	22.48	0.6	0	0.11	0	0	0.08	0.08	0.0825	0.0134
56.012	22.49	0.62	0	0.13	0	0	0.11	0.11	0.0999	0.0213
57.012	22.51	0.64	0	0.16	0	0	0.14	0.16	0.1218	0.0326
58.012	22.53	0.67	0	0.21	0	0	0.18	0.21	0.1502	0.048
59.012	22.56	0.71	0	0.37	0	0	0.24	0.3	0.1916	0.0691
60.007	22.75	0.98	0	3.73	0	0	0.93	1.13	0.4083	0.1278
61.007	22.91	1.18	0	0.59	0	0	1.39	1.36	0.6828	0.2308
62.007	22.94	1.18	0	0.33	0	0	1.16	1.06	0.8262	0.3311
63.007	22.97	1.18	0	0.22	0	0	0.82	0.7	0.9305	0.4038
64.007	22.99	1.18	0	0.21	0	0	0.39	0.25	0.998	0.4428
65.007	23.01	1.18	0	0.13	0	0	0.06	0.06	1.0303	0.4554
66.007	23.02	1.19	0	0.13	0	0	0	0.04	1.0431	0.4594
67.007	23.03	1.19	0	0.13	0	0	0	0.06	1.0538	0.4634
68.007	23.04	1.19	0	0.13	0	0	0.06	0.06	1.0669	0.4682
69.007	23.05	1.19	0	0.09	0	0	0.07	0.07	1.0811	0.4734
70.007	23.06	1.19	0	0.09	0	0	0.08	0.07	1.0943	0.4791
71.007	23.07	1.19	0	0.09	0	0	0.08	0.08	1.1081	0.4852
72.007	23.08	1.19	0	0.09	0	0	0.09	0.08	1.1224	0.4917
73.007	23.09	1.19	0	0	0	0	0.08	0.06	1.1327	0.4975
74.007	23.09	1.19	0	0	0	0	0.04	0	1.1374	0.5001
75.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
76.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
77.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
78.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
79.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
80.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
81.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
82.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
83.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
84.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
85.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
86.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
87.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
88.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
89.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
90.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
91.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
92.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
93.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
94.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
95.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
96.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
97.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
98.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
99.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
100.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
102.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
103.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
104.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
105.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
106.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
107.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
108.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
109.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
110.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
111.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
112.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
113.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
114.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
115.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
116.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
117.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
118.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
119.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
120.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
121.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
122.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
123.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
124.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
125.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
126.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
127.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
128.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
129.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
130.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
131.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
132.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
133.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
134.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
135.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
136.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
137.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
138.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
139.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
140.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
141.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
142.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
143.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
144.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
145.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
146.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
147.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
148.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
149.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
150.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
151.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
153.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
154.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
155.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
156.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
157.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
158.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
159.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
160.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
161.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
162.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
163.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
164.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
165.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
166.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
167.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
168.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
169.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
170.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
171.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
172.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
173.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
174.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
175.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
176.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
177.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
178.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
179.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
180.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
181.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
182.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
183.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
184.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
185.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
186.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
187.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
188.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
189.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
190.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
191.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
192.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
193.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
194.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
195.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
196.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
197.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
198.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
199.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
200.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
201.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
202.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
203.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
204.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
205.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
206.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
207.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
208.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
209.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
210.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
211.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
212.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
213.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
214.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
215.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
216.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
217.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
218.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
219.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
220.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
221.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
222.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
223.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
224.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
225.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
226.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
227.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
228.007	23.09	1.19	0	0	0	0	0	0	1.1391	0.5001
229.007	23.09	1.19	0	0	0	0	0.07	0	1.1421	0.5001
230.007	23.09	1.19	0	0	0	0	0.08	0	1.1483	0.5001
231.007	23.09	1.19	0	0	0	0	0.08	0	1.1549	0.5001
232.007	23.09	1.19	0	0	0	0	0.08	0	1.1617	0.5001
233.007	23.09	1.19	0	0	0	0	0.09	0	1.1687	0.5001
234.007	23.09	1.19	0	0	0	0	0.09	0	1.1759	0.5001
235.007	23.09	1.19	0	0	0	0	0.09	0	1.1831	0.5001
236.007	23.08	1.19	0	0	0	0	0.09	0	1.1905	0.5001
237.007	23.08	1.19	0	0	0	0	0.09	0	1.1979	0.5001
238.007	23.08	1.19	0	0	0	0	0.09	0	1.2054	0.5001
239.007	23.08	1.19	0	0	0	0	0.09	0	1.2129	0.5001
240.007	23.08	1.19	0	0	0	0	0.09	0	1.2205	0.5001
241.007	23.08	1.19	0	0	0	0	0.09	0	1.2282	0.5001
242.007	23.08	1.19	0	0	0	0	0.09	0	1.236	0.5001
243.007	23.08	1.19	0	0	0	0	0.09	0	1.2438	0.5001
244.007	23.08	1.19	0	0	0	0	0.1	0	1.2516	0.5001
245.007	23.08	1.19	0	0	0	0	0.1	0	1.2595	0.5001
246.007	23.07	1.19	0	0	0	0	0.1	0	1.2675	0.5001
247.007	23.07	1.19	0	0	0	0	0.09	0	1.2752	0.5001
248.007	23.07	1.19	0	0	0	0	0.1	0	1.2829	0.5001
249.007	23.07	1.19	0	0	0	0	0.1	0	1.2908	0.5001
250.007	23.07	1.19	0	0	0	0	0.08	0	1.2982	0.5001
251.007	23.07	1.19	0	0	0	0	0.08	0	1.3049	0.5001
252.007	23.07	1.19	0	0	0	0	0.09	0	1.3122	0.5001
253.007	23.07	1.19	0	0	0	0	0.08	0	1.3195	0.5001

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
254.007	23.07	1.19	0	0	0	0	0.1	0	1.3268	0.5001
255.007	23.06	1.19	0	0	0	0	0.09	0	1.3346	0.5001
256.007	23.06	1.19	0	0	0	0	0.09	0	1.3424	0.5001
257.007	23.06	1.19	0	0	0	0	0.09	0	1.3501	0.5001
258.007	23.06	1.19	0	0	0	0	0.08	0	1.3573	0.5001
259.007	23.06	1.19	0	0	0	0	0.09	0	1.3645	0.5001
260.007	23.06	1.19	0	0	0	0	0.08	0	1.3717	0.5001
261.007	23.06	1.19	0	0	0	0	0.08	0	1.3784	0.5001
262.007	23.06	1.19	0	0	0	0	0.08	0	1.385	0.5001
263.007	23.06	1.19	0	0	0	0	0.08	0	1.3916	0.5001
264.007	23.05	1.19	0	0	0	0	0.08	0	1.3982	0.5001
265.007	23.05	1.19	0	0	0	0	0.08	0	1.4047	0.5001
266.007	23.05	1.19	0	0	0	0	0.08	0	1.4113	0.5001
267.007	23.05	1.19	0	0	0	0	0.08	0	1.4178	0.5001
268.007	23.05	1.19	0	0	0	0	0.08	0	1.4244	0.5001
269.007	23.05	1.19	0	0	0	0	0.08	0	1.4309	0.5001
270.007	23.05	1.19	0	0	0	0	0.08	0	1.4374	0.5001
271.007	23.05	1.19	0	0	0	0	0.08	0	1.4439	0.5001
272.007	23.05	1.19	0	0	0	0	0.08	0	1.4505	0.5001
273.007	23.04	1.19	0	0	0	0	0.08	0	1.457	0.5001
274.007	23.04	1.19	0	0	0	0	0.08	0	1.4635	0.5001
275.007	23.04	1.19	0	0	0	0	0.08	0	1.47	0.5001
276.007	23.04	1.19	0	0	0	0	0.08	0	1.4765	0.5001
277.007	23.04	1.19	0	0	0	0	0.08	0	1.483	0.5001
278.007	23.04	1.19	0	0	0	0	0.08	0	1.4895	0.5001
279.007	23.04	1.19	0	0	0	0	0.08	0	1.496	0.5001
280.007	23.04	1.19	0	0	0	0	0.08	0	1.5025	0.5001
281.007	23.03	1.19	0	0	0	0	0.08	0	1.509	0.5001
282.007	23.03	1.19	0	0	0	0	0.08	0	1.5155	0.5001
283.007	23.03	1.19	0	0	0	0	0.08	0	1.5219	0.5001
284.007	23.03	1.19	0	0	0	0	0.08	0	1.5284	0.5001
285.007	23.03	1.19	0	0	0	0	0.08	0	1.5349	0.5001
286.007	23.03	1.19	0	0	0	0	0.08	0	1.5414	0.5001
287.007	23.03	1.19	0	0	0	0	0.08	0	1.5479	0.5001
288.007	23.03	1.19	0	0	0	0	0.08	0	1.5544	0.5001
289.007	23.02	1.19	0	0	0	0	0.08	0	1.5609	0.5001
290.007	23.02	1.19	0	0	0	0	0.06	0.08	1.5668	0.5035
291.007	23.02	1.19	0	0	0	0	0.06	0.08	1.5719	0.5101
292.007	23.02	1.18	0	0	0	0	0.06	0.08	1.577	0.5168
293.007	23.02	1.18	0	0	0	0	0.06	0.08	1.5821	0.5235
294.007	23.02	1.18	0	0	0	0	0.06	0.08	1.5873	0.5302
295.007	23.02	1.18	0	0	0	0	0.06	0.08	1.5924	0.537
296.007	23.01	1.18	0	0	0	0	0.06	0.08	1.5976	0.5437
297.007	23.01	1.18	0	0	0	0	0.06	0.08	1.6028	0.5505
298.007	23.01	1.18	0	0	0	0	0.06	0.08	1.6081	0.5573
299.007	23.01	1.18	0	0	0	0	0.06	0.08	1.6133	0.5642
300.007	23.01	1.18	0	0	0	0	0.06	0.08	1.6186	0.571
301.007	23.01	1.18	0	0	0	0	0.06	0.08	1.6238	0.5779
302.007	23.01	1.18	0	0	0	0	0.06	0.08	1.6291	0.5848
303.007	23.01	1.18	0	0	0	0	0.06	0.08	1.6345	0.5918
304.007	23	1.18	0	0	0	0	0.06	0.08	1.6398	0.5987

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	23	1.18	0	0	0	0	0.06	0.08	1.6451	0.6057
306.007	23	1.18	0	0	0	0	0.07	0.08	1.6505	0.6127
307.007	23	1.18	0	0	0	0	0.07	0.09	1.6559	0.6198
308.007	23	1.18	0	0	0	0	0.07	0.09	1.6613	0.6268
309.007	23	1.18	0	0	0	0	0.07	0.09	1.6667	0.6339
310.007	23	1.18	0	0	0	0	0.07	0.09	1.6721	0.641
311.007	22.99	1.18	0	0	0	0	0.07	0.09	1.6776	0.6481
312.007	22.99	1.18	0	0	0	0	0.07	0.09	1.6831	0.6552
313.007	22.99	1.18	0	0	0	0	0.07	0.09	1.6886	0.6624
314.007	22.99	1.18	0	0	0	0	0.07	0.09	1.6941	0.6696
315.007	22.99	1.18	0	0	0	0	0.07	0.09	1.6996	0.6768
316.007	22.99	1.18	0	0	0	0	0.07	0.09	1.7051	0.684
317.007	22.99	1.18	0	0	0	0	0.07	0.09	1.7107	0.6912
318.007	22.98	1.18	0	0	0	0	0.07	0.09	1.7162	0.6985
319.007	22.98	1.18	0	0	0	0	0.07	0.09	1.7218	0.7058
320.007	22.98	1.18	0	0	0	0	0.07	0.09	1.7274	0.7131
321.007	22.98	1.18	0	0	0	0	0.07	0.09	1.733	0.7204
322.007	22.98	1.18	0	0	0	0	0.07	0.09	1.7386	0.7277
323.007	22.98	1.18	0	0	0	0	0.07	0.09	1.7443	0.7351
324.007	22.98	1.18	0	0	0	0	0.07	0.09	1.7499	0.7425
325.007	22.97	1.18	0	0	0	0	0.07	0.09	1.7556	0.7499
326.007	22.97	1.18	0	0	0	0	0.07	0.09	1.7613	0.7573
327.007	22.97	1.18	0	0	0	0	0.07	0.09	1.7669	0.7647
328.007	22.97	1.18	0	0	0	0	0.07	0.09	1.7727	0.7722
329.007	22.97	1.18	0	0	0	0	0.07	0.09	1.7784	0.7796
330.007	22.97	1.18	0	0	0	0	0.07	0.09	1.7841	0.7871
331.007	22.97	1.18	0	0	0	0	0.07	0.09	1.7899	0.7946
332.007	22.96	1.18	0	0	0	0	0.07	0.09	1.7956	0.8021
333.007	22.96	1.18	0	0	0	0	0.07	0.09	1.8014	0.8097
334.007	22.96	1.18	0	0	0	0	0.07	0.09	1.8072	0.8172
335.007	22.96	1.18	0	0	0	0	0.07	0.09	1.813	0.8248
336.007	22.96	1.18	0	0	0	0	0.07	0.09	1.8188	0.8324
336.016	22.96	1.18	0	0	0	0	0.07	0.09	1.8188	0.8324

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	EC-6							
0	22.2	0.18	0	0	0	0	0	0	0	0
1.012	22.2	0.18	0	0	0	0	0	0	0	0
2.012	22.2	0.18	0	0	0	0	0	0	0	0
3.012	22.2	0.18	0	0	0	0	0	0	0	0
4.012	22.2	0.18	0	0	0	0	0	0	0	0
5.012	22.2	0.18	0	0	0	0	0	0	0	0
6.012	22.2	0.18	0	0	0	0	0	0	0	0
7.012	22.2	0.18	0	0	0	0	0	0	0	0
8.012	22.2	0.18	0	0	0	0	0	0	0	0
9.012	22.2	0.18	0	0	0	0	0	0	0	0
10.012	22.2	0.18	0	0	0	0	0	0	0	0
11.012	22.2	0.18	0	0	0	0	0	0	0	0
12.012	22.2	0.18	0	0	0	0	0	0	0	0
13.012	22.2	0.18	0	0	0	0	0	0	0	0
14.012	22.2	0.18	0	0	0	0	0	0	0	0
15.012	22.2	0.18	0	0	0	0	0	0	0	0
16.012	22.2	0.18	0	0	0	0	0	0	0	0
17.012	22.2	0.18	0	0	0	0	0	0	0	0
18.012	22.2	0.18	0	0	0	0	0	0	0	0
19.012	22.2	0.18	0	0	0	0	0	0	0	0
20.012	22.2	0.18	0	0	0	0	0	0	0	0
21.012	22.2	0.18	0	0	0	0	0	0	0	0
22.012	22.2	0.18	0	0	0	0	0	0	0	0
23.012	22.2	0.18	0	0	0	0	0	0	0	0
24.012	22.2	0.18	0	0	0	0	0	0	0	0
25.012	22.2	0.18	0	0	0	0	0	0	0	0
26.012	22.2	0.18	0	0	0	0	0	0	0.0001	0
27.012	22.2	0.18	0	0	0	0	0	0	0.0002	0
28.012	22.2	0.18	0	0	0	0	0	0	0.0004	0
29.012	22.2	0.18	0	0	0	0	0	0	0.0006	0
30.012	22.21	0.18	0	0	0	0	0	0	0.001	0
31.012	22.21	0.18	0	0.01	0	0	0	0	0.0014	0
32.012	22.21	0.19	0	0.01	0	0	0	0	0.0018	0
33.012	22.21	0.19	0	0.01	0	0	0	0	0.0024	0
34.012	22.22	0.19	0	0.01	0	0	0	0	0.0029	0
35.012	22.22	0.19	0	0.01	0	0	0	0	0.0036	0
36.012	22.22	0.19	0	0.01	0	0	0	0	0.0043	0
37.012	22.23	0.19	0	0.01	0	0	0	0	0.005	0
38.012	22.23	0.2	0	0.01	0	0	0	0	0.0058	0
39.012	22.24	0.2	0	0.01	0	0	0	0	0.0067	0
40.012	22.24	0.2	0	0.01	0	0	0	0	0.0076	0
41.012	22.24	0.2	0	0.01	0	0	0	0	0.0085	0
42.012	22.25	0.21	0	0.01	0	0	0	0	0.0095	0
43.012	22.25	0.21	0	0.01	0	0	0	0	0.0106	0
44.012	22.26	0.21	0	0.01	0	0	0	0	0.0117	0
45.012	22.26	0.21	0	0.01	0	0	0	0	0.0128	0
46.012	22.27	0.22	0	0.01	0	0	0	0	0.014	0
47.012	22.27	0.3	0	0.01	0	0	0	0	0.0152	0
48.012	22.28	0.3	0	0.02	0	0	0	0	0.0166	0
49.012	22.28	0.31	0	0.02	0	0	0	0	0.0182	0

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	22.29	0.31	0	0.02	0	0	0.01	0	0.0201	0
51.012	22.3	0.31	0	0.02	0	0	0.01	0	0.0226	0
52.012	22.31	0.4	0	0.03	0	0	0.02	0	0.0258	0
53.012	22.32	0.4	0	0.03	0	0	0.03	0	0.0304	0.0002
54.012	22.33	0.41	0	0.04	0	0	0.05	0.01	0.037	0.0009
55.012	22.35	0.42	0	0.06	0	0	0.08	0.03	0.0464	0.0025
56.012	22.37	0.43	0	0.07	0	0	0.11	0.05	0.0595	0.0059
57.012	22.4	0.45	0	0.08	0	0	0.16	0.1	0.0771	0.0124
58.012	22.42	0.46	0	0.11	0	0	0.21	0.18	0.1007	0.0243
59.012	22.45	0.48	0	0.19	0	0	0.3	0.28	0.1345	0.0435
60.007	22.65	0.58	0	1.98	0	0	1.13	0.57	0.2825	0.0784
61.007	22.87	0.7	0	0.31	0	0	1.36	1.05	0.4801	0.1451
62.007	22.93	0.72	0	0.18	0	0	1.06	0.87	0.6005	0.2241
63.007	22.96	0.72	0	0.11	0	0	0.7	0.54	0.6852	0.2821
64.007	22.99	0.72	0	0.11	0	0	0.25	0.13	0.7335	0.3096
65.007	23.01	0.72	0	0.07	0	0	0.06	0	0.7536	0.3148
66.007	23.02	0.72	0	0.07	0	0	0.04	0	0.7632	0.3148
67.007	23.03	0.72	0	0.07	0	0	0.06	0	0.7728	0.3148
68.007	23.04	0.72	0	0.07	0	0	0.06	0	0.7833	0.3148
69.007	23.05	0.72	0	0.05	0	0	0.07	0	0.7933	0.3148
70.007	23.06	0.72	0	0.05	0	0	0.07	0	0.8027	0.3148
71.007	23.07	0.72	0	0.05	0	0	0.08	0	0.8127	0.3148
72.007	23.08	0.72	0	0.05	0	0	0.08	0	0.8229	0.3148
73.007	23.09	0.72	0	0	0	0	0.06	0	0.8307	0.3148
74.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
75.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
76.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
77.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
78.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
79.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
80.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
81.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
82.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
83.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
84.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
85.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
86.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
87.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
88.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
89.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
90.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
91.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
92.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
93.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
94.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
95.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
96.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
97.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
98.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
99.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
100.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148

Advanced Interconnected Channel & Pond Routing (ICPR Ver 2.20)
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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
102.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
103.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
104.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
105.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
106.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
107.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
108.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
109.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
110.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
111.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
112.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
113.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
114.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
115.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
116.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
117.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
118.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
119.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
120.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
121.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
122.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
123.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
124.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
125.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
126.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
127.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
128.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
129.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
130.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
131.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
132.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
133.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
134.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
135.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
136.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
137.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
138.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
139.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
140.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
141.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
142.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
143.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
144.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
145.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
146.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
147.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
148.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
149.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
150.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
151.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
153.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
154.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
155.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
156.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
157.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
158.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
159.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
160.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
161.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
162.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
163.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
164.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
165.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
166.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
167.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
168.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
169.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
170.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
171.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
172.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
173.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
174.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
175.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
176.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
177.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
178.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
179.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
180.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
181.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
182.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
183.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
184.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
185.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
186.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
187.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
188.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
189.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
190.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
191.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
192.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
193.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
194.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
195.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
196.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
197.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
198.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
199.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
200.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
201.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
202.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
203.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
204.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
205.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
206.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
207.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
208.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
209.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
210.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
211.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
212.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
213.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
214.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
215.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
216.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
217.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
218.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
219.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
220.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
221.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
222.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
223.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
224.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
225.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
226.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
227.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
228.007	23.09	0.72	0	0	0	0	0	0	0.8333	0.3148
229.007	23.09	0.72	0	0	0	0	0	0.11	0.8333	0.3193
230.007	23.09	0.72	0	0	0	0	0	0.12	0.8333	0.3285
231.007	23.09	0.72	0	0	0	0	0	0.12	0.8333	0.3383
232.007	23.09	0.72	0	0	0	0	0	0.13	0.8333	0.3485
233.007	23.09	0.72	0	0	0	0	0	0.13	0.8333	0.359
234.007	23.09	0.72	0	0	0	0	0	0.13	0.8333	0.3696
235.007	23.09	0.72	0	0	0	0	0	0.13	0.8333	0.3805
236.007	23.08	0.72	0	0	0	0	0	0.13	0.8333	0.3914
237.007	23.08	0.72	0	0	0	0	0	0.13	0.8333	0.4025
238.007	23.08	0.72	0	0	0	0	0	0.14	0.8333	0.4137
239.007	23.08	0.72	0	0	0	0	0	0.14	0.8333	0.4249
240.007	23.08	0.72	0	0	0	0	0	0.14	0.8333	0.4363
241.007	23.08	0.72	0	0	0	0	0	0.14	0.8333	0.4477
242.007	23.08	0.72	0	0	0	0	0	0.14	0.8333	0.4593
243.007	23.08	0.72	0	0	0	0	0	0.14	0.8333	0.4709
244.007	23.08	0.72	0	0	0	0	0	0.14	0.8333	0.4826
245.007	23.08	0.72	0	0	0	0	0	0.14	0.8333	0.4944
246.007	23.07	0.72	0	0	0	0	0	0.14	0.8333	0.5063
247.007	23.07	0.72	0	0	0	0	0	0.15	0.8333	0.5183
248.007	23.07	0.72	0	0	0	0	0	0.15	0.8333	0.5304
249.007	23.07	0.72	0	0	0	0	0	0.15	0.8333	0.5425
250.007	23.07	0.72	0	0	0	0	0	0.15	0.8333	0.5546
251.007	23.07	0.72	0	0	0	0	0	0.15	0.8333	0.5668
252.007	23.07	0.72	0	0	0	0	0	0.15	0.8333	0.5791
253.007	23.07	0.72	0	0	0	0	0	0.15	0.8333	0.5916

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
254.007	23.07	0.72	0	0	0	0	0	0.15	0.8333	0.6041
255.007	23.06	0.72	0	0	0	0	0	0.15	0.8333	0.6167
256.007	23.06	0.72	0	0	0	0	0	0.16	0.8333	0.6296
257.007	23.06	0.72	0	0	0	0	0	0.16	0.8333	0.6424
258.007	23.06	0.72	0	0	0	0	0	0.15	0.8333	0.6553
259.007	23.06	0.72	0	0	0	0	0	0.16	0.8333	0.6682
260.007	23.06	0.72	0	0	0	0	0	0.16	0.8333	0.6811
261.007	23.06	0.72	0	0	0	0	0	0.16	0.8333	0.6942
262.007	23.06	0.72	0	0	0	0	0	0.16	0.8333	0.7074
263.007	23.06	0.72	0	0	0	0	0	0.16	0.8333	0.7207
264.007	23.05	0.72	0	0	0	0	0	0.16	0.8333	0.734
265.007	23.05	0.72	0	0	0	0	0	0.16	0.8333	0.7474
266.007	23.05	0.72	0	0	0	0	0	0.16	0.8333	0.7609
267.007	23.05	0.72	0	0	0	0	0	0.16	0.8333	0.7744
268.007	23.05	0.72	0	0	0	0	0	0.17	0.8333	0.788
269.007	23.05	0.72	0	0	0	0	0	0.17	0.8333	0.8017
270.007	23.05	0.72	0	0	0	0	0	0.17	0.8333	0.8155
271.007	23.05	0.72	0	0	0	0	0	0.17	0.8333	0.8293
272.007	23.05	0.72	0	0	0	0	0	0.17	0.8333	0.8432
273.007	23.04	0.72	0	0	0	0	0	0.17	0.8333	0.8572
274.007	23.04	0.72	0	0	0	0	0	0.17	0.8333	0.8712
275.007	23.04	0.72	0	0	0	0	0	0.17	0.8333	0.8854
276.007	23.04	0.72	0	0	0	0	0	0.17	0.8333	0.8995
277.007	23.04	0.72	0	0	0	0	0	0.17	0.8333	0.9138
278.007	23.04	0.72	0	0	0	0	0	0.17	0.8333	0.9281
279.007	23.04	0.72	0	0	0	0	0	0.17	0.8333	0.9425
280.007	23.04	0.72	0	0	0	0	0	0.18	0.8333	0.9569
281.007	23.03	0.72	0	0	0	0	0	0.18	0.8333	0.9714
282.007	23.03	0.72	0	0	0	0	0	0.18	0.8333	0.986
283.007	23.03	0.72	0	0	0	0	0	0.18	0.8333	1.0006
284.007	23.03	0.72	0	0	0	0	0	0.18	0.8333	1.0153
285.007	23.03	0.72	0	0	0	0	0	0.18	0.8333	1.0301
286.007	23.03	0.72	0	0	0	0	0	0.18	0.8333	1.0449
287.007	23.03	0.72	0	0	0	0	0	0.18	0.8333	1.0598
288.007	23.03	0.72	0	0	0	0	0	0.18	0.8333	1.0747
289.007	23.02	0.72	0	0	0	0	0	0.18	0.8333	1.0898
290.007	23.02	0.72	0	0	0	0	0.08	0.09	0.8366	1.1011
291.007	23.02	0.72	0	0	0	0	0.08	0.09	0.8433	1.1087
292.007	23.02	0.72	0	0	0	0	0.08	0.09	0.8499	1.1163
293.007	23.02	0.72	0	0	0	0	0.08	0.09	0.8566	1.124
294.007	23.02	0.72	0	0	0	0	0.08	0.09	0.8634	1.1316
295.007	23.02	0.72	0	0	0	0	0.08	0.09	0.8701	1.1393
296.007	23.01	0.72	0	0	0	0	0.08	0.09	0.8769	1.147
297.007	23.01	0.72	0	0	0	0	0.08	0.09	0.8837	1.1548
298.007	23.01	0.72	0	0	0	0	0.08	0.09	0.8905	1.1626
299.007	23.01	0.72	0	0	0	0	0.08	0.09	0.8973	1.1704
300.007	23.01	0.72	0	0	0	0	0.08	0.09	0.9042	1.1782
301.007	23.01	0.72	0	0	0	0	0.08	0.1	0.9111	1.1861
302.007	23.01	0.72	0	0	0	0	0.08	0.1	0.918	1.194
303.007	23.01	0.72	0	0	0	0	0.08	0.1	0.9249	1.2019
304.007	23	0.72	0	0	0	0	0.08	0.1	0.9319	1.2099

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	23	0.72	0	0	0	0	0.08	0.1	0.9389	1.2178
306.007	23	0.72	0	0	0	0	0.08	0.1	0.9459	1.2258
307.007	23	0.72	0	0	0	0	0.09	0.1	0.9529	1.2338
308.007	23	0.72	0	0	0	0	0.09	0.1	0.96	1.2419
309.007	23	0.72	0	0	0	0	0.09	0.1	0.967	1.25
310.007	23	0.72	0	0	0	0	0.09	0.1	0.9741	1.2581
311.007	22.99	0.72	0	0	0	0	0.09	0.1	0.9812	1.2662
312.007	22.99	0.72	0	0	0	0	0.09	0.1	0.9884	1.2743
313.007	22.99	0.72	0	0	0	0	0.09	0.1	0.9955	1.2825
314.007	22.99	0.72	0	0	0	0	0.09	0.1	1.0027	1.2907
315.007	22.99	0.72	0	0	0	0	0.09	0.1	1.0099	1.2989
316.007	22.99	0.72	0	0	0	0	0.09	0.1	1.0171	1.3072
317.007	22.99	0.72	0	0	0	0	0.09	0.1	1.0244	1.3154
318.007	22.98	0.72	0	0	0	0	0.09	0.1	1.0316	1.3237
319.007	22.98	0.72	0	0	0	0	0.09	0.1	1.0389	1.332
320.007	22.98	0.72	0	0	0	0	0.09	0.1	1.0462	1.3404
321.007	22.98	0.72	0	0	0	0	0.09	0.1	1.0535	1.3487
322.007	22.98	0.72	0	0	0	0	0.09	0.1	1.0609	1.3571
323.007	22.98	0.72	0	0	0	0	0.09	0.1	1.0682	1.3655
324.007	22.98	0.72	0	0	0	0	0.09	0.1	1.0756	1.3739
325.007	22.97	0.72	0	0	0	0	0.09	0.1	1.083	1.3824
326.007	22.97	0.72	0	0	0	0	0.09	0.1	1.0904	1.3908
327.007	22.97	0.72	0	0	0	0	0.09	0.1	1.0978	1.3993
328.007	22.97	0.72	0	0	0	0	0.09	0.1	1.1053	1.4078
329.007	22.97	0.72	0	0	0	0	0.09	0.1	1.1128	1.4163
330.007	22.97	0.72	0	0	0	0	0.09	0.1	1.1202	1.4249
331.007	22.97	0.72	0	0	0	0	0.09	0.1	1.1277	1.4334
332.007	22.96	0.72	0	0	0	0	0.09	0.1	1.1353	1.442
333.007	22.96	0.72	0	0	0	0	0.09	0.1	1.1428	1.4506
334.007	22.96	0.72	0	0	0	0	0.09	0.1	1.1504	1.4592
335.007	22.96	0.72	0	0	0	0	0.09	0.1	1.1579	1.4679
336.007	22.96	0.72	0	0	0	0	0.09	0.1	1.1655	1.4765
336.016	22.96	0.72	0	0	0	0	0.09	0.1	1.1656	1.4766

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	P1							
0	21.9	0.25	0	0	0	0	0	0	0	0
1.012	21.9	0.25	0	0	0	0	0	0	0	0
2.012	21.9	0.25	0	0	0	0	0	0	0	0
3.012	21.9	0.25	0	0	0	0	0	0	0	0
4.012	21.9	0.28	0	0	0	0	0	0	0	0
5.012	21.9	0.28	0	0	0	0	0	0	0.0001	0
6.012	21.9	0.28	0	0.01	0	0	0	0	0.0005	0
7.012	21.9	0.29	0	0.01	0	0	0	0	0.0014	0
8.012	21.91	0.3	0	0.02	0	0	0	0	0.0026	0
9.012	21.91	0.31	0	0.02	0	0	0	0	0.0041	0.0001
10.012	21.92	0.32	0	0.02	0	0	0	0	0.0059	0.0002
11.012	21.92	0.34	0	0.03	0	0	0	0	0.0079	0.0003
12.012	21.93	0.35	0	0.03	0	0	0	0	0.0102	0.0006
13.012	21.94	0.37	0	0.03	0	0	0	0	0.0127	0.0009
14.012	21.94	0.38	0	0.03	0	0	0	0.01	0.0154	0.0013
15.012	21.95	0.4	0	0.04	0	0	0	0.01	0.0182	0.0019
16.012	21.95	0.41	0	0.04	0	0	0	0.01	0.0212	0.0027
17.012	21.96	0.42	0	0.04	0	0	0	0.01	0.0244	0.0036
18.012	21.96	0.44	0	0.04	0	0	0	0.01	0.0276	0.0047
19.012	21.97	0.45	0	0.04	0	0	0	0.02	0.031	0.0061
20.012	21.97	0.46	0	0.04	0	0	0	0.02	0.0345	0.0077
21.012	21.98	0.47	0	0.04	0	0	0	0.02	0.0381	0.0095
22.012	21.98	0.48	0	0.04	0	0	0	0.03	0.0418	0.0115
23.012	21.98	0.49	0	0.05	0	0	0	0.03	0.0455	0.0138
24.012	21.99	0.49	0	0.05	0	0	0	0.03	0.0494	0.0162
25.012	21.99	0.5	0	0.07	0	0	0	0.03	0.0542	0.019
26.012	22	0.52	0	0.07	0	0	0	0.04	0.06	0.0221
27.012	22	0.53	0	0.07	0	0	0	0.04	0.066	0.0255
28.012	22.01	0.53	0	0.07	0	0	0	0.05	0.072	0.0292
29.012	22.01	0.53	0	0.08	0	0	0	0.05	0.0782	0.0332
30.012	22.01	0.53	0	0.08	0	0	0	0.05	0.0845	0.0375
31.012	22.02	0.53	0	0.08	0	0	0	0.06	0.0908	0.0419
32.012	22.02	0.53	0	0.08	0	0	0	0.06	0.0973	0.0466
33.012	22.02	0.53	0	0.08	0	0	0	0.06	0.1038	0.0515
34.012	22.03	0.53	0	0.08	0	0	0	0.06	0.1103	0.0565
35.012	22.03	0.53	0	0.08	0	0	0	0.06	0.117	0.0617
36.012	22.03	0.53	0	0.08	0	0	0	0.07	0.1236	0.067
37.012	22.03	0.53	0	0.08	0	0	0	0.07	0.1304	0.0725
38.012	22.04	0.53	0	0.08	0	0	0	0.07	0.1373	0.0781
39.012	22.04	0.53	0	0.08	0	0	0	0.07	0.1442	0.0838
40.012	22.04	0.53	0	0.08	0	0	0	0.07	0.1511	0.0896
41.012	22.04	0.53	0	0.08	0	0	0	0.07	0.1581	0.0954
42.012	22.04	0.53	0	0.09	0	0	0	0.07	0.1652	0.1014
43.012	22.05	0.53	0	0.09	0	0	0	0.07	0.1722	0.1073
44.012	22.05	0.53	0	0.09	0	0	0	0.07	0.1793	0.1132
45.012	22.05	0.53	0	0.09	0	0	0	0.07	0.1865	0.1191
46.012	22.05	0.53	0	0.09	0	0	0	0.07	0.1936	0.1249
47.012	22.06	0.53	0	0.09	0	0	0	0.07	0.2008	0.1304
48.012	22.06	0.53	0	0.09	0	0	0	0.06	0.208	0.1356
49.012	22.07	0.53	0	0.1	0	0	0	0.05	0.2157	0.1404

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	22.07	0.53	0	0.1	0	0	0	0.05	0.2238	0.1445
51.012	22.09	0.53	0	0.12	0	0	0	0.04	0.2329	0.1478
52.012	22.1	0.53	0	0.13	0	0	0	0.03	0.2432	0.1504
53.012	22.12	0.53	0	0.17	0	0	0	0.03	0.2556	0.1529
54.012	22.14	0.53	0	0.21	0	0	0	0.04	0.2713	0.1556
55.012	22.17	0.53	0	0.25	0	0	0	0.05	0.2904	0.159
56.012	22.21	0.53	0	0.3	0	0	0	0.06	0.313	0.1633
57.012	22.25	0.53	0	0.35	0	0	0	0.07	0.3396	0.1686
58.012	22.3	0.53	0	0.45	0	0	0	0.1	0.3723	0.1756
59.012	22.36	0.53	0	0.71	0	0	0	0.15	0.4199	0.1858
60.007	22.82	0.54	0	6.21	0	0	0	1.46	0.7045	0.2519
61.007	23.1	0.54	0	0.9	0	0	0	0.88	0.9987	0.3485
62.007	23.14	0.54	0	0.5	0	0	0	0.29	1.0567	0.3971
63.007	23.17	0.54	0	0.32	0	0	0	0.22	1.0907	0.418
64.007	23.18	0.54	0	0.32	0	0	0	0.21	1.1171	0.4356
65.007	23.19	0.54	0	0.19	0	0	0	0.16	1.138	0.4506
66.007	23.2	0.54	0	0.19	0	0	0	0.15	1.1537	0.4634
67.007	23.2	0.54	0	0.19	0	0	0	0.15	1.1694	0.476
68.007	23.21	0.54	0	0.19	0	0	0	0.15	1.1852	0.4882
69.007	23.21	0.54	0	0.13	0	0	0	0.12	1.1983	0.4992
70.007	23.22	0.54	0	0.13	0	0	0	0.11	1.2087	0.5089
71.007	23.22	0.54	0	0.13	0	0	0	0.11	1.2192	0.5182
72.007	23.22	0.54	0	0.13	0	0	0	0.11	1.2297	0.5273
73.007	23.22	0.54	0	0	0	0	0	0	1.2349	0.5318
74.007	23.21	0.54	0	0	0	0	0	0	1.2349	0.5318
75.007	23.2	0.54	0	0	0	0	0	0	1.2349	0.5318
76.007	23.2	0.54	0	0	0	0	0	0	1.2349	0.5318
77.007	23.19	0.54	0	0	0	0	0	0	1.2349	0.5318
78.007	23.19	0.54	0	0	0	0	0	0	1.2349	0.5318
79.007	23.18	0.54	0	0	0	0	0	0	1.2349	0.5318
80.007	23.18	0.54	0	0	0	0	0	0	1.2349	0.5318
81.007	23.18	0.54	0	0	0	0	0	0	1.2349	0.5318
82.007	23.18	0.54	0	0	0	0	0	0	1.2349	0.5318
83.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
84.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
85.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
86.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
87.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
88.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
89.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
90.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
91.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
92.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
93.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
94.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
95.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
96.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
97.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
98.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
99.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
100.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
102.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
103.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
104.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
105.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
106.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
107.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
108.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
109.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
110.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
111.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
112.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
113.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
114.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
115.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
116.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
117.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
118.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
119.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
120.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
121.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
122.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
123.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
124.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
125.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
126.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
127.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
128.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
129.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
130.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
131.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
132.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
133.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
134.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
135.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
136.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
137.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
138.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
139.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
140.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
141.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
142.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
143.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
144.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
145.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
146.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
147.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
148.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
149.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
150.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
151.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
153.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
154.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
155.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
156.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
157.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
158.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
159.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5318
160.007	23.17	0.54	0	0	0	0	0	0.08	1.2349	0.5352
161.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5386
162.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5386
163.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5386
164.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5386
165.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5386
166.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5386
167.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5386
168.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5386
169.007	23.17	0.54	0	0	0	0	0	0	1.2349	0.5386
170.007	23.16	0.54	0	0	0	0	0	0	1.2349	0.5386
171.007	23.16	0.54	0	0	0	0	0	0	1.2349	0.5386
172.007	23.16	0.54	0	0	0	0	0	0	1.2349	0.5386
173.007	23.16	0.54	0	0	0	0	0	0	1.2349	0.5386
174.007	23.16	0.54	0	0	0	0	0	0	1.2349	0.5386
175.007	23.16	0.54	0	0	0	0	0	0	1.2349	0.5386
176.007	23.16	0.54	0	0	0	0	0	0.04	1.2349	0.5403
177.007	23.16	0.54	0	0	0	0	0	0	1.2349	0.542
178.007	23.16	0.54	0	0	0	0	0	0	1.2349	0.542
179.007	23.16	0.54	0	0	0	0	0	0	1.2349	0.542
180.007	23.16	0.54	0	0	0	0	0	0.04	1.2349	0.5436
181.007	23.15	0.54	0	0	0	0	0	0	1.2349	0.5453
182.007	23.15	0.54	0	0	0	0	0	0	1.2349	0.5453
183.007	23.15	0.54	0	0	0	0	0	0	1.2349	0.5453
184.007	23.15	0.54	0	0	0	0	0	0	1.2349	0.5453
185.007	23.15	0.54	0	0	0	0	0	0.04	1.2349	0.547
186.007	23.15	0.54	0	0	0	0	0	0	1.2349	0.5488
187.007	23.15	0.54	0	0	0	0	0	0	1.2349	0.5488
188.007	23.15	0.54	0	0	0	0	0	0	1.2349	0.5488
189.007	23.15	0.54	0	0	0	0	0	0	1.2349	0.5488
190.007	23.14	0.54	0	0	0	0	0	0	1.2349	0.5488
191.007	23.14	0.54	0	0	0	0	0	0	1.2349	0.5488
192.007	23.14	0.54	0	0	0	0	0	0	1.2349	0.5488
193.007	23.14	0.54	0	0	0	0	0	0	1.2349	0.5488
194.007	23.14	0.54	0	0	0	0	0	0	1.2349	0.5488
195.007	23.14	0.54	0	0	0	0	0	0	1.2349	0.5488
196.007	23.14	0.54	0	0	0	0	0	0	1.2349	0.5488
197.007	23.14	0.54	0	0	0	0	0	0	1.2349	0.5488
198.007	23.14	0.54	0	0	0	0	0	0	1.2349	0.5488
199.007	23.13	0.54	0	0	0	0	0	0	1.2349	0.5488
200.007	23.13	0.54	0	0	0	0	0	0	1.2349	0.5488
201.007	23.13	0.54	0	0	0	0	0	0	1.2349	0.5488
202.007	23.13	0.54	0	0	0	0	0	0	1.2349	0.5488

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
203.007	23.13	0.54	0	0	0	0	0	0	1.2349	0.5488
204.007	23.13	0.54	0	0	0	0	0	0.05	1.2349	0.551
205.007	23.13	0.54	0	0	0	0	0	0	1.2349	0.5532
206.007	23.13	0.54	0	0	0	0	0	0	1.2349	0.5532
207.007	23.12	0.54	0	0	0	0	0	0.07	1.2349	0.5561
208.007	23.12	0.54	0	0	0	0	0	0	1.2349	0.559
209.007	23.12	0.54	0	0	0	0	0	0	1.2349	0.559
210.007	23.12	0.54	0	0	0	0	0	0	1.2349	0.559
211.007	23.12	0.54	0	0	0	0	0	0.08	1.2349	0.5625
212.007	23.12	0.54	0	0	0	0	0	0	1.2349	0.566
213.007	23.12	0.54	0	0	0	0	0	0.06	1.2349	0.5685
214.007	23.11	0.54	0	0	0	0	0	0	1.2349	0.571
215.007	23.11	0.54	0	0	0	0	0	0	1.2349	0.571
216.007	23.11	0.54	0	0	0	0	0	0	1.2349	0.571
217.007	23.11	0.54	0	0	0	0	0	0	1.2349	0.571
218.007	23.11	0.54	0	0	0	0	0	0.07	1.2349	0.574
219.007	23.11	0.54	0	0	0	0	0	0	1.2349	0.577
220.007	23.11	0.54	0	0	0	0	0	0	1.2349	0.577
221.007	23.1	0.54	0	0	0	0	0	0	1.2349	0.577
222.007	23.1	0.54	0	0	0	0	0	0	1.2349	0.577
223.007	23.1	0.54	0	0	0	0	0	0.06	1.2349	0.5795
224.007	23.1	0.54	0	0	0	0	0	0	1.2349	0.5819
225.007	23.1	0.54	0	0	0	0	0	0.06	1.2349	0.5844
226.007	23.1	0.54	0	0	0	0	0	0	1.2349	0.587
227.007	23.1	0.54	0	0	0	0	0	0	1.2349	0.587
228.007	23.09	0.54	0	0	0	0	0	0	1.2349	0.587
229.007	23.09	0.54	0	0	0	0	0	0	1.2349	0.587
230.007	23.09	0.54	0	0	0	0	0	0.06	1.2349	0.5894
231.007	23.09	0.54	0	0	0	0	0	0	1.2349	0.5918
232.007	23.09	0.54	0	0	0	0	0	0	1.2349	0.5918
233.007	23.09	0.54	0	0	0	0	0	0.09	1.2349	0.5953
234.007	23.09	0.54	0	0	0	0	0	0	1.2349	0.5989
235.007	23.09	0.54	0	0	0	0	0	0	1.2349	0.5989
236.007	23.09	0.54	0	0	0	0	0	0.04	1.2349	0.6008
237.007	23.08	0.54	0	0	0	0	0	0.05	1.2349	0.6046
238.007	23.08	0.54	0	0	0	0	0	0	1.2349	0.6066
239.007	23.08	0.54	0	0	0	0	0	0	1.2349	0.6066
240.007	23.08	0.54	0	0	0	0	0	0	1.2349	0.6066
241.007	23.08	0.54	0	0	0	0	0	0	1.2349	0.6066
242.007	23.08	0.54	0	0	0	0	0	0.08	1.2349	0.6099
243.007	23.08	0.54	0	0	0	0	0	0	1.2349	0.6133
244.007	23.08	0.54	0	0	0	0	0	0.07	1.2349	0.6161
245.007	23.08	0.54	0	0	0	0	0	0	1.2349	0.6188
246.007	23.08	0.54	0	0	0	0	0	0	1.2349	0.6188
247.007	23.07	0.54	0	0	0	0	0	0	1.2349	0.6188
248.007	23.07	0.54	0	0	0	0	0	0	1.2349	0.6188
249.007	23.07	0.54	0	0	0	0	0	0	1.2349	0.6188
250.007	23.07	0.54	0	0	0	0	0	0	1.2349	0.6188
251.007	23.07	0.54	0	0	0	0	0	0	1.2349	0.6188
252.007	23.07	0.54	0	0	0	0	0	0	1.2349	0.6188
253.007	23.07	0.54	0	0	0	0	0	0	1.2349	0.6188

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
254.007	23.07	0.54	0	0	0	0	0	0	1.2349	0.6188
255.007	23.07	0.54	0	0	0	0	0	0	1.2349	0.6188
256.007	23.06	0.54	0	0	0	0	0	0	1.2349	0.6188
257.007	23.06	0.54	0	0	0	0	0	0	1.2349	0.6188
258.007	23.06	0.54	0	0	0	0	0	0	1.2349	0.6188
259.007	23.06	0.54	0	0	0	0	0	0	1.2349	0.6188
260.007	23.06	0.54	0	0	0	0	0	0	1.2349	0.6188
261.007	23.06	0.54	0	0	0	0	0	0	1.2349	0.6188
262.007	23.06	0.54	0	0	0	0	0	0	1.2349	0.6188
263.007	23.06	0.54	0	0	0	0	0	0	1.2349	0.6188
264.007	23.06	0.54	0	0	0	0	0	0	1.2349	0.6188
265.007	23.05	0.54	0	0	0	0	0	0	1.2349	0.6188
266.007	23.05	0.54	0	0	0	0	0	0	1.2349	0.6188
267.007	23.05	0.54	0	0	0	0	0	0	1.2349	0.6188
268.007	23.05	0.54	0	0	0	0	0	0	1.2349	0.6188
269.007	23.05	0.54	0	0	0	0	0	0	1.2349	0.6188
270.007	23.05	0.54	0	0	0	0	0	0	1.2349	0.6188
271.007	23.05	0.54	0	0	0	0	0	0	1.2349	0.6188
272.007	23.05	0.54	0	0	0	0	0	0	1.2349	0.6188
273.007	23.05	0.54	0	0	0	0	0	0	1.2349	0.6188
274.007	23.04	0.54	0	0	0	0	0	0	1.2349	0.6188
275.007	23.04	0.54	0	0	0	0	0	0	1.2349	0.6188
276.007	23.04	0.54	0	0	0	0	0	0	1.2349	0.6188
277.007	23.04	0.54	0	0	0	0	0	0	1.2349	0.6188
278.007	23.04	0.54	0	0	0	0	0	0	1.2349	0.6188
279.007	23.04	0.54	0	0	0	0	0	0	1.2349	0.6188
280.007	23.04	0.54	0	0	0	0	0	0.05	1.2349	0.621
281.007	23.04	0.54	0	0	0	0	0	0	1.2349	0.6231
282.007	23.03	0.54	0	0	0	0	0	0	1.2349	0.6231
283.007	23.03	0.54	0	0	0	0	0	0.05	1.2349	0.6251
284.007	23.03	0.54	0	0	0	0	0	0	1.2349	0.627
285.007	23.03	0.54	0	0	0	0	0	0	1.2349	0.627
286.007	23.03	0.54	0	0	0	0	0	0.05	1.2349	0.629
287.007	23.03	0.54	0	0	0	0	0	0	1.2349	0.631
288.007	23.03	0.54	0	0	0	0	0	0	1.2349	0.631
289.007	23.03	0.54	0	0	0	0	0	0	1.2349	0.631
290.007	23.02	0.54	0	0	0	0	0	0	1.2349	0.631
291.007	23.02	0.54	0	0	0	0	0	0.06	1.2349	0.6334
292.007	23.02	0.54	0	0	0	0	0	0	1.2349	0.6358
293.007	23.02	0.54	0	0	0	0	0	0	1.2349	0.6358
294.007	23.02	0.54	0	0	0	0	0	0	1.2349	0.6358
295.007	23.02	0.54	0	0	0	0	0	0	1.2349	0.6358
296.007	23.02	0.54	0	0	0	0	0	0	1.2349	0.6358
297.007	23.02	0.54	0	0	0	0	0	0	1.2349	0.6358
298.007	23.01	0.54	0	0	0	0	0	0.06	1.2349	0.6383
299.007	23.01	0.54	0	0	0	0	0	0	1.2349	0.6408
300.007	23.01	0.54	0	0	0	0	0	0	1.2349	0.6408
301.007	23.01	0.54	0	0	0	0	0	0	1.2349	0.6408
302.007	23.01	0.54	0	0	0	0	0	0	1.2349	0.6408
303.007	23.01	0.54	0	0	0	0	0	0	1.2349	0.6408
304.007	23.01	0.54	0	0	0	0	0	0	1.2349	0.6408

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	23	0.54	0	0	0	0	0	0.06	1.2349	0.6434
306.007	23	0.54	0	0	0	0	0	0	1.2349	0.646
307.007	23	0.54	0	0	0	0	0	0	1.2349	0.646
308.007	23	0.54	0	0	0	0	0	0	1.2349	0.646
309.007	23	0.54	0	0	0	0	0	0	1.2349	0.646
310.007	23	0.54	0	0	0	0	0	0	1.2349	0.646
311.007	23	0.54	0	0	0	0	0	0	1.2349	0.646
312.007	22.99	0.54	0	0	0	0	0	0.06	1.2349	0.6486
313.007	22.99	0.54	0	0	0	0	0	0	1.2349	0.6513
314.007	22.99	0.54	0	0	0	0	0	0	1.2349	0.6513
315.007	22.99	0.54	0	0	0	0	0	0	1.2349	0.6513
316.007	22.99	0.54	0	0	0	0	0	0	1.2349	0.6513
317.007	22.99	0.54	0	0	0	0	0	0	1.2349	0.6513
318.007	22.99	0.54	0	0	0	0	0	0	1.2349	0.6513
319.007	22.98	0.54	0	0	0	0	0	0.07	1.2349	0.6539
320.007	22.98	0.54	0	0	0	0	0	0	1.2349	0.6566
321.007	22.98	0.54	0	0	0	0	0	0	1.2349	0.6566
322.007	22.98	0.54	0	0	0	0	0	0	1.2349	0.6566
323.007	22.98	0.54	0	0	0	0	0	0	1.2349	0.6566
324.007	22.98	0.54	0	0	0	0	0	0	1.2349	0.6566
325.007	22.98	0.54	0	0	0	0	0	0	1.2349	0.6566
326.007	22.97	0.54	0	0	0	0	0	0.07	1.2349	0.6594
327.007	22.97	0.54	0	0	0	0	0	0	1.2349	0.6621
328.007	22.97	0.54	0	0	0	0	0	0	1.2349	0.6621
329.007	22.97	0.54	0	0	0	0	0	0	1.2349	0.6621
330.007	22.97	0.54	0	0	0	0	0	0	1.2349	0.6621
331.007	22.97	0.54	0	0	0	0	0	0	1.2349	0.6621
332.007	22.97	0.54	0	0	0	0	0	0	1.2349	0.6621
333.007	22.96	0.54	0	0	0	0	0	0.07	1.2349	0.6649
334.007	22.96	0.54	0	0	0	0	0	0	1.2349	0.6677
335.007	22.96	0.54	0	0	0	0	0	0	1.2349	0.6677
336.007	22.96	0.54	0	0	0	0	0	0	1.2349	0.6677
336.016	22.96	0.54	0	0	0	0	0	0	1.2349	0.6677

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	P2							
0	21.8	0.25	0	0	0	0	0	0	0	0
1.012	21.8	0.25	0	0	0	0	0	0	0	0
2.012	21.8	0.25	0	0	0	0	0	0	0	0
3.012	21.8	0.25	0	0	0	0	0	0	0	0
4.012	21.8	0.3	0	0	0	0	0	0	0	0
5.012	21.8	0.3	0	0	0	0	0	0	0	0
6.012	21.8	0.3	0	0	0	0	0	0	0	0
7.012	21.8	0.3	0	0	0	0	0	0	0	0
8.012	21.8	0.3	0	0	0	0	0	0	0	0
9.012	21.8	0.3	0	0	0	0	0	0	0.0001	0
10.012	21.8	0.3	0	0	0	0	0	0	0.0002	0
11.012	21.8	0.3	0	0	0	0	0	0	0.0004	0
12.012	21.8	0.3	0	0	0	0	0	0	0.001	0
13.012	21.81	0.3	0	0.01	0	0	0	0	0.0018	0
14.012	21.81	0.31	0	0.01	0	0	0.01	0	0.0029	0
15.012	21.81	0.31	0	0.01	0	0	0.01	0	0.0043	0.0001
16.012	21.82	0.31	0	0.01	0	0	0.01	0	0.006	0.0002
17.012	21.82	0.31	0	0.01	0	0	0.01	0	0.008	0.0004
18.012	21.83	0.32	0	0.02	0	0	0.01	0	0.0104	0.0007
19.012	21.84	0.32	0	0.02	0	0	0.02	0.01	0.0131	0.0011
20.012	21.85	0.32	0	0.02	0	0	0.02	0.01	0.0161	0.0016
21.012	21.85	0.33	0	0.02	0	0	0.02	0.01	0.0195	0.0024
22.012	21.86	0.33	0	0.02	0	0	0.03	0.01	0.0233	0.0034
23.012	21.87	0.33	0	0.02	0	0	0.03	0.02	0.0274	0.0048
24.012	21.88	0.34	0	0.02	0	0	0.03	0.02	0.0318	0.0065
25.012	21.89	0.34	0	0.04	0	0	0.03	0.03	0.037	0.0085
26.012	21.9	0.34	0	0.04	0	0	0.04	0.03	0.0432	0.0111
27.012	21.91	0.35	0	0.04	0	0	0.04	0.04	0.0499	0.0143
28.012	21.92	0.35	0	0.04	0	0	0.05	0.05	0.0571	0.0182
29.012	21.93	0.36	0	0.04	0	0	0.05	0.06	0.0647	0.0226
30.012	21.94	0.36	0	0.05	0	0	0.05	0.07	0.0727	0.0278
31.012	21.94	0.36	0	0.05	0	0	0.06	0.07	0.0811	0.0335
32.012	21.95	0.37	0	0.05	0	0	0.06	0.08	0.0898	0.0398
33.012	21.96	0.37	0	0.05	0	0	0.06	0.09	0.0988	0.0467
34.012	21.96	0.37	0	0.05	0	0	0.06	0.09	0.1081	0.0541
35.012	21.97	0.37	0	0.05	0	0	0.06	0.1	0.1177	0.0618
36.012	21.97	0.37	0	0.05	0	0	0.07	0.1	0.1275	0.07
37.012	21.97	0.38	0	0.06	0	0	0.07	0.1	0.1375	0.0785
38.012	21.98	0.38	0	0.06	0	0	0.07	0.11	0.1478	0.0873
39.012	21.98	0.38	0	0.06	0	0	0.07	0.11	0.1583	0.0962
40.012	21.99	0.38	0	0.06	0	0	0.07	0.11	0.1689	0.1052
41.012	21.99	0.38	0	0.06	0	0	0.07	0.11	0.1798	0.1143
42.012	22	0.39	0	0.06	0	0	0.07	0.11	0.1907	0.1232
43.012	22	0.39	0	0.06	0	0	0.07	0.11	0.2017	0.1321
44.012	22.01	0.39	0	0.06	0	0	0.07	0.1	0.2128	0.1407
45.012	22.02	0.39	0	0.06	0	0	0.07	0.1	0.224	0.1491
46.012	22.02	0.4	0	0.06	0	0	0.07	0.09	0.235	0.157
47.012	22.03	0.4	0	0.07	0	0	0.07	0.09	0.2459	0.1644
48.012	22.04	0.41	0	0.07	0	0	0.06	0.08	0.2565	0.1711
49.012	22.05	0.41	0	0.07	0	0	0.05	0.07	0.2671	0.1769

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	22.07	0.42	0	0.08	0	0	0.05	0.05	0.2774	0.1818
51.012	22.08	0.42	0	0.09	0	0	0.04	0.05	0.2876	0.1858
52.012	22.1	0.43	0	0.1	0	0	0.03	0.04	0.2982	0.1895
53.012	22.12	0.44	0	0.13	0	0	0.03	0.05	0.3103	0.1931
54.012	22.14	0.45	0	0.17	0	0	0.04	0.06	0.3254	0.1974
55.012	22.17	0.46	0	0.2	0	0	0.05	0.07	0.344	0.2027
56.012	22.21	0.48	0	0.24	0	0	0.06	0.08	0.3664	0.2089
57.012	22.25	0.49	0	0.28	0	0	0.07	0.1	0.3933	0.2165
58.012	22.29	0.51	0	0.37	0	0	0.1	0.14	0.4272	0.2263
59.012	22.36	0.54	0	0.59	0	0	0.15	0.2	0.4771	0.24
60.007	22.75	0.71	0	5.4	0	0	1.46	1.3	0.7898	0.3014
61.007	23.09	0.86	0	0.8	0	0	0.88	1.05	1.1429	0.3984
62.007	23.14	0.88	0	0.44	0	0	0.29	0.39	1.2429	0.4579
63.007	23.16	0.89	0	0.29	0	0	0.22	0.32	1.2941	0.4874
64.007	23.18	0.9	0	0.28	0	0	0.21	0.31	1.3351	0.5136
65.007	23.19	0.9	0	0.17	0	0	0.16	0.27	1.3688	0.5376
66.007	23.2	0.9	0	0.17	0	0	0.15	0.26	1.3956	0.5595
67.007	23.2	0.9	0	0.17	0	0	0.15	0.25	1.4222	0.5807
68.007	23.21	0.91	0	0.17	0	0	0.15	0.24	1.4486	0.6012
69.007	23.21	0.91	0	0.11	0	0	0.12	0.22	1.4713	0.6203
70.007	23.22	0.91	0	0.11	0	0	0.11	0.21	1.4903	0.6379
71.007	23.22	0.91	0	0.11	0	0	0.11	0.2	1.509	0.6548
72.007	23.22	0.91	0	0.11	0	0	0.11	0.19	1.5274	0.6709
73.007	23.22	0.91	0	0	0	0	0	0.18	1.5366	0.6861
74.007	23.21	0.91	0	0	0	0	0	0.25	1.5366	0.7036
75.007	23.2	0.9	0	0	0	0	0	0.23	1.5366	0.7234
76.007	23.2	0.9	0	0	0	0	0	0.21	1.5366	0.7418
77.007	23.19	0.9	0	0	0	0	0	0.18	1.5366	0.758
78.007	23.19	0.9	0	0	0	0	0	0.15	1.5366	0.7719
79.007	23.18	0.9	0	0	0	0	0	0.13	1.5366	0.7835
80.007	23.18	0.89	0	0	0	0	0	0.1	1.5366	0.7929
81.007	23.18	0.89	0	0	0	0	0	0.06	1.5366	0.7994
82.007	23.18	0.89	0	0	0	0	0	0	1.5366	0.8017
83.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
84.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
85.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
86.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
87.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
88.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
89.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
90.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
91.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
92.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
93.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
94.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
95.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
96.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
97.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
98.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
99.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
100.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
102.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
103.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
104.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
105.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
106.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
107.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
108.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
109.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
110.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
111.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
112.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
113.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
114.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
115.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
116.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
117.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
118.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
119.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
120.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
121.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
122.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
123.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
124.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
125.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
126.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
127.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
128.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
129.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
130.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
131.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
132.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
133.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
134.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
135.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
136.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
137.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
138.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
139.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
140.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
141.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
142.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
143.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
144.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
145.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
146.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
147.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
148.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
149.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
150.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
151.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
153.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
154.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
155.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
156.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
157.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
158.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
159.007	23.17	0.89	0	0	0	0	0	0	1.5366	0.8017
160.007	23.17	0.89	0	0	0	0	0.08	0	1.54	0.8017
161.007	23.17	0.89	0	0	0	0	0	0	1.5434	0.8017
162.007	23.17	0.89	0	0	0	0	0	0	1.5434	0.8017
163.007	23.17	0.89	0	0	0	0	0	0	1.5434	0.8017
164.007	23.17	0.89	0	0	0	0	0	0	1.5434	0.8017
165.007	23.17	0.89	0	0	0	0	0	0	1.5434	0.8017
166.007	23.17	0.89	0	0	0	0	0	0	1.5434	0.8017
167.007	23.17	0.89	0	0	0	0	0	0	1.5434	0.8017
168.007	23.17	0.89	0	0	0	0	0	0	1.5434	0.8017
169.007	23.17	0.89	0	0	0	0	0	0	1.5434	0.8017
170.007	23.16	0.89	0	0	0	0	0	0	1.5434	0.8017
171.007	23.16	0.89	0	0	0	0	0	0	1.5434	0.8017
172.007	23.16	0.89	0	0	0	0	0	0.06	1.5434	0.8043
173.007	23.16	0.89	0	0	0	0	0	0	1.5434	0.8069
174.007	23.16	0.89	0	0	0	0	0	0	1.5434	0.8069
175.007	23.16	0.89	0	0	0	0	0	0	1.5434	0.8069
176.007	23.16	0.89	0	0	0	0	0.04	0	1.5451	0.8069
177.007	23.16	0.89	0	0	0	0	0	0	1.5468	0.8069
178.007	23.16	0.89	0	0	0	0	0	0	1.5468	0.8069
179.007	23.16	0.88	0	0	0	0	0	0	1.5468	0.8069
180.007	23.16	0.88	0	0	0	0	0.04	0	1.5484	0.8069
181.007	23.15	0.88	0	0	0	0	0	0.09	1.5501	0.8106
182.007	23.15	0.88	0	0	0	0	0	0	1.5501	0.8144
183.007	23.15	0.88	0	0	0	0	0	0.04	1.5501	0.8162
184.007	23.15	0.88	0	0	0	0	0	0.1	1.5501	0.8224
185.007	23.15	0.88	0	0	0	0	0.04	0	1.5518	0.8267
186.007	23.15	0.88	0	0	0	0	0	0	1.5536	0.8267
187.007	23.15	0.88	0	0	0	0	0	0.07	1.5536	0.8297
188.007	23.15	0.88	0	0	0	0	0	0	1.5536	0.8327
189.007	23.15	0.88	0	0	0	0	0	0	1.5536	0.8327
190.007	23.14	0.88	0	0	0	0	0	0	1.5536	0.8327
191.007	23.14	0.88	0	0	0	0	0	0	1.5536	0.8327
192.007	23.14	0.88	0	0	0	0	0	0	1.5536	0.8327
193.007	23.14	0.88	0	0	0	0	0	0.11	1.5536	0.8371
194.007	23.14	0.88	0	0	0	0	0	0.09	1.5536	0.8452
195.007	23.14	0.88	0	0	0	0	0	0	1.5536	0.8488
196.007	23.14	0.88	0	0	0	0	0	0	1.5536	0.8488
197.007	23.14	0.88	0	0	0	0	0	0	1.5536	0.8488
198.007	23.14	0.88	0	0	0	0	0	0	1.5536	0.8488
199.007	23.13	0.87	0	0	0	0	0	0	1.5536	0.8488
200.007	23.13	0.87	0	0	0	0	0	0	1.5536	0.8488
201.007	23.13	0.87	0	0	0	0	0	0	1.5536	0.8488
202.007	23.13	0.87	0	0	0	0	0	0.1	1.5536	0.853

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
203.007	23.13	0.87	0	0	0	0	0	0	1.5536	0.8572
204.007	23.13	0.87	0	0	0	0	0.05	0	1.5558	0.8572
205.007	23.13	0.87	0	0	0	0	0	0	1.558	0.8572
206.007	23.13	0.87	0	0	0	0	0	0.09	1.558	0.8608
207.007	23.12	0.87	0	0	0	0	0.07	0	1.5609	0.8644
208.007	23.12	0.87	0	0	0	0	0	0	1.5638	0.8644
209.007	23.12	0.87	0	0	0	0	0	0.05	1.5638	0.8665
210.007	23.12	0.87	0	0	0	0	0	0	1.5638	0.8686
211.007	23.12	0.87	0	0	0	0	0.08	0	1.5673	0.8686
212.007	23.12	0.87	0	0	0	0	0	0	1.5708	0.8686
213.007	23.12	0.87	0	0	0	0	0.06	0	1.5733	0.8686
214.007	23.11	0.87	0	0	0	0	0	0	1.5758	0.8686
215.007	23.11	0.87	0	0	0	0	0	0.12	1.5758	0.8735
216.007	23.11	0.87	0	0	0	0	0	0	1.5758	0.8784
217.007	23.11	0.86	0	0	0	0	0	0.08	1.5758	0.8819
218.007	23.11	0.86	0	0	0	0	0.07	0	1.5788	0.8853
219.007	23.11	0.86	0	0	0	0	0	0	1.5818	0.8853
220.007	23.11	0.86	0	0	0	0	0	0	1.5818	0.8853
221.007	23.1	0.86	0	0	0	0	0	0	1.5818	0.8853
222.007	23.1	0.86	0	0	0	0	0	0.09	1.5818	0.889
223.007	23.1	0.86	0	0	0	0	0.06	0	1.5843	0.8927
224.007	23.1	0.86	0	0	0	0	0	0.08	1.5867	0.8961
225.007	23.1	0.86	0	0	0	0	0.06	0	1.5892	0.8995
226.007	23.1	0.86	0	0	0	0	0	0.1	1.5918	0.9036
227.007	23.1	0.86	0	0	0	0	0	0	1.5918	0.9078
228.007	23.09	0.86	0	0	0	0	0	0	1.5918	0.9078
229.007	23.09	0.86	0	0	0	0	0	0	1.5918	0.9078
230.007	23.09	0.86	0	0	0	0	0.06	0	1.5942	0.9078
231.007	23.09	0.86	0	0	0	0	0	0	1.5966	0.9078
232.007	23.09	0.86	0	0	0	0	0	0	1.5966	0.9078
233.007	23.09	0.86	0	0	0	0	0.09	0	1.6002	0.9078
234.007	23.09	0.85	0	0	0	0	0	0	1.6037	0.9078
235.007	23.09	0.85	0	0	0	0	0	0	1.6037	0.9078
236.007	23.09	0.85	0	0	0	0	0.04	0	1.6056	0.9078
237.007	23.08	0.85	0	0	0	0	0.05	0	1.6094	0.9078
238.007	23.08	0.85	0	0	0	0	0	0	1.6114	0.9078
239.007	23.08	0.85	0	0	0	0	0	0.11	1.6114	0.9121
240.007	23.08	0.85	0	0	0	0	0	0	1.6114	0.9165
241.007	23.08	0.85	0	0	0	0	0	0.08	1.6114	0.9196
242.007	23.08	0.85	0	0	0	0	0.08	0	1.6147	0.9228
243.007	23.08	0.85	0	0	0	0	0	0	1.6181	0.9228
244.007	23.08	0.85	0	0	0	0	0.07	0	1.6209	0.9228
245.007	23.08	0.85	0	0	0	0	0	0	1.6237	0.9228
246.007	23.08	0.85	0	0	0	0	0	0	1.6237	0.9228
247.007	23.07	0.85	0	0	0	0	0	0	1.6237	0.9228
248.007	23.07	0.85	0	0	0	0	0	0	1.6237	0.9228
249.007	23.07	0.85	0	0	0	0	0	0	1.6237	0.9228
250.007	23.07	0.85	0	0	0	0	0	0	1.6237	0.9228
251.007	23.07	0.85	0	0	0	0	0	0.07	1.6237	0.9257
252.007	23.07	0.85	0	0	0	0	0	0.07	1.6237	0.9314
253.007	23.07	0.85	0	0	0	0	0	0.07	1.6237	0.9372

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
254.007	23.07	0.85	0	0	0	0	0	0.07	1.6237	0.943
255.007	23.07	0.85	0	0	0	0	0	0.07	1.6237	0.9489
256.007	23.06	0.85	0	0	0	0	0	0.07	1.6237	0.9549
257.007	23.06	0.84	0	0	0	0	0	0.07	1.6237	0.961
258.007	23.06	0.84	0	0	0	0	0	0	1.6237	0.9641
259.007	23.06	0.84	0	0	0	0	0	0.05	1.6237	0.9661
260.007	23.06	0.84	0	0	0	0	0	0	1.6237	0.9682
261.007	23.06	0.84	0	0	0	0	0	0	1.6237	0.9682
262.007	23.06	0.84	0	0	0	0	0	0	1.6237	0.9682
263.007	23.06	0.84	0	0	0	0	0	0.08	1.6237	0.9715
264.007	23.06	0.84	0	0	0	0	0	0	1.6237	0.9748
265.007	23.05	0.84	0	0	0	0	0	0.07	1.6237	0.9776
266.007	23.05	0.84	0	0	0	0	0	0	1.6237	0.9803
267.007	23.05	0.84	0	0	0	0	0	0.09	1.6237	0.9842
268.007	23.05	0.84	0	0	0	0	0	0	1.6237	0.9881
269.007	23.05	0.84	0	0	0	0	0	0	1.6237	0.9881
270.007	23.05	0.84	0	0	0	0	0	0.07	1.6237	0.9909
271.007	23.05	0.84	0	0	0	0	0	0.06	1.6237	0.9963
272.007	23.05	0.84	0	0	0	0	0	0.07	1.6237	1.0019
273.007	23.05	0.84	0	0	0	0	0	0	1.6237	1.0048
274.007	23.04	0.84	0	0	0	0	0	0.07	1.6237	1.0078
275.007	23.04	0.84	0	0	0	0	0	0	1.6237	1.0108
276.007	23.04	0.84	0	0	0	0	0	0	1.6237	1.0108
277.007	23.04	0.83	0	0	0	0	0	0.07	1.6237	1.0137
278.007	23.04	0.83	0	0	0	0	0	0	1.6237	1.0167
279.007	23.04	0.83	0	0	0	0	0	0	1.6237	1.0167
280.007	23.04	0.83	0	0	0	0	0.05	0	1.6258	1.0167
281.007	23.04	0.83	0	0	0	0	0	0	1.6279	1.0167
282.007	23.03	0.83	0	0	0	0	0	0	1.6279	1.0167
283.007	23.03	0.83	0	0	0	0	0.05	0	1.6299	1.0167
284.007	23.03	0.83	0	0	0	0	0	0	1.6318	1.0167
285.007	23.03	0.83	0	0	0	0	0	0	1.6318	1.0167
286.007	23.03	0.83	0	0	0	0	0.05	0	1.6338	1.0167
287.007	23.03	0.83	0	0	0	0	0	0	1.6358	1.0167
288.007	23.03	0.83	0	0	0	0	0	0	1.6358	1.0167
289.007	23.03	0.83	0	0	0	0	0	0	1.6358	1.0167
290.007	23.02	0.83	0	0	0	0	0	0.06	1.6358	1.0191
291.007	23.02	0.83	0	0	0	0	0.06	0	1.6382	1.0216
292.007	23.02	0.83	0	0	0	0	0	0.09	1.6406	1.0252
293.007	23.02	0.83	0	0	0	0	0	0	1.6406	1.0288
294.007	23.02	0.83	0	0	0	0	0	0	1.6406	1.0288
295.007	23.02	0.82	0	0	0	0	0	0	1.6406	1.0288
296.007	23.02	0.82	0	0	0	0	0	0	1.6406	1.0288
297.007	23.02	0.82	0	0	0	0	0	0.07	1.6406	1.0316
298.007	23.01	0.82	0	0	0	0	0.06	0	1.6431	1.0343
299.007	23.01	0.82	0	0	0	0	0	0.09	1.6456	1.0379
300.007	23.01	0.82	0	0	0	0	0	0	1.6456	1.0415
301.007	23.01	0.82	0	0	0	0	0	0	1.6456	1.0415
302.007	23.01	0.82	0	0	0	0	0	0	1.6456	1.0415
303.007	23.01	0.82	0	0	0	0	0	0	1.6456	1.0415
304.007	23.01	0.82	0	0	0	0	0	0.07	1.6456	1.0444

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	23	0.82	0	0	0	0	0.06	0	1.6482	1.0473
306.007	23	0.82	0	0	0	0	0	0.09	1.6508	1.0509
307.007	23	0.82	0	0	0	0	0	0	1.6508	1.0545
308.007	23	0.82	0	0	0	0	0	0	1.6508	1.0545
309.007	23	0.82	0	0	0	0	0	0	1.6508	1.0545
310.007	23	0.82	0	0	0	0	0	0	1.6508	1.0545
311.007	23	0.82	0	0	0	0	0	0.07	1.6508	1.0575
312.007	22.99	0.82	0	0	0	0	0.06	0	1.6534	1.0605
313.007	22.99	0.81	0	0	0	0	0	0.09	1.6561	1.0641
314.007	22.99	0.81	0	0	0	0	0	0	1.6561	1.0677
315.007	22.99	0.81	0	0	0	0	0	0	1.6561	1.0677
316.007	22.99	0.81	0	0	0	0	0	0	1.6561	1.0677
317.007	22.99	0.81	0	0	0	0	0	0	1.6561	1.0677
318.007	22.99	0.81	0	0	0	0	0	0.07	1.6561	1.0708
319.007	22.98	0.81	0	0	0	0	0.07	0	1.6587	1.0739
320.007	22.98	0.81	0	0	0	0	0	0.09	1.6614	1.0775
321.007	22.98	0.81	0	0	0	0	0	0	1.6614	1.0812
322.007	22.98	0.81	0	0	0	0	0	0	1.6614	1.0812
323.007	22.98	0.81	0	0	0	0	0	0	1.6614	1.0812
324.007	22.98	0.81	0	0	0	0	0	0	1.6614	1.0812
325.007	22.98	0.81	0	0	0	0	0	0.08	1.6614	1.0844
326.007	22.97	0.81	0	0	0	0	0.07	0	1.6642	1.0875
327.007	22.97	0.81	0	0	0	0	0	0.09	1.6669	1.0912
328.007	22.97	0.81	0	0	0	0	0	0	1.6669	1.0949
329.007	22.97	0.8	0	0	0	0	0	0	1.6669	1.0949
330.007	22.97	0.8	0	0	0	0	0	0	1.6669	1.0949
331.007	22.97	0.8	0	0	0	0	0	0	1.6669	1.0949
332.007	22.97	0.8	0	0	0	0	0	0.08	1.6669	1.0982
333.007	22.96	0.8	0	0	0	0	0.07	0	1.6697	1.1014
334.007	22.96	0.8	0	0	0	0	0	0.09	1.6725	1.1051
335.007	22.96	0.8	0	0	0	0	0	0	1.6725	1.1088
336.007	22.96	0.8	0	0	0	0	0	0	1.6725	1.1088
336.016	22.96	0.8	0	0	0	0	0	0	1.6725	1.1088

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	P3							
0	21.7	0.25	0	0	0	0	0	0	0	0
1.012	21.7	0.25	0	0	0	0	0	0	0	0
2.012	21.7	0.25	0	0	0	0	0	0	0	0
3.012	21.7	0.25	0	0	0	0	0	0	0	0
4.012	21.7	0.26	0	0	0	0	0	0	0	0
5.012	21.7	0.3	0	0	0	0	0	0	0	0
6.012	21.7	0.3	0	0	0	0	0	0	0	0
7.012	21.7	0.3	0	0	0	0	0	0	0	0
8.012	21.7	0.3	0	0	0	0	0	0	0	0
9.012	21.7	0.3	0	0	0	0	0	0	0	0
10.012	21.7	0.3	0	0	0	0	0	0	0	0
11.012	21.7	0.3	0	0	0	0	0	0	0.0001	0
12.012	21.7	0.3	0	0	0	0	0	0	0.0002	0
13.012	21.7	0.3	0	0	0	0	0	0	0.0005	0
14.012	21.7	0.3	0	0.01	0	0	0	0	0.0009	0
15.012	21.7	0.3	0	0.01	0	0	0	0	0.0014	0
16.012	21.71	0.3	0	0.01	0	0	0	0	0.0021	0.0001
17.012	21.71	0.3	0	0.01	0	0	0	0	0.0029	0.0001
18.012	21.71	0.3	0	0.01	0	0	0	0	0.0039	0.0002
19.012	21.72	0.3	0	0.01	0	0	0.01	0	0.0051	0.0003
20.012	21.72	0.31	0	0.01	0	0	0.01	0	0.0065	0.0005
21.012	21.72	0.31	0	0.01	0	0	0.01	0	0.0082	0.0008
22.012	21.73	0.31	0	0.01	0	0	0.01	0.01	0.0102	0.0011
23.012	21.74	0.31	0	0.01	0	0	0.02	0.01	0.0126	0.0016
24.012	21.74	0.31	0	0.01	0	0	0.02	0.01	0.0154	0.0023
25.012	21.75	0.31	0	0.02	0	0	0.03	0.01	0.0189	0.0032
26.012	21.76	0.31	0	0.02	0	0	0.03	0.02	0.0233	0.0044
27.012	21.77	0.32	0	0.02	0	0	0.04	0.02	0.0284	0.0061
28.012	21.78	0.32	0	0.02	0	0	0.05	0.03	0.0342	0.0083
29.012	21.8	0.32	0	0.03	0	0	0.06	0.04	0.0407	0.0111
30.012	21.81	0.32	0	0.03	0	0	0.07	0.05	0.048	0.0147
31.012	21.82	0.33	0	0.03	0	0	0.07	0.06	0.056	0.0189
32.012	21.83	0.33	0	0.03	0	0	0.08	0.06	0.0646	0.0239
33.012	21.84	0.33	0	0.03	0	0	0.09	0.07	0.0739	0.0296
34.012	21.85	0.33	0	0.03	0	0	0.09	0.08	0.0837	0.0358
35.012	21.86	0.33	0	0.03	0	0	0.1	0.08	0.094	0.0425
36.012	21.87	0.34	0	0.03	0	0	0.1	0.08	0.1047	0.0493
37.012	21.89	0.34	0	0.03	0	0	0.1	0.08	0.1158	0.0563
38.012	21.9	0.34	0	0.03	0	0	0.11	0.09	0.1273	0.0633
39.012	21.91	0.34	0	0.03	0	0	0.11	0.09	0.1389	0.0705
40.012	21.93	0.35	0	0.03	0	0	0.11	0.09	0.1508	0.0777
41.012	21.94	0.35	0	0.03	0	0	0.11	0.09	0.1626	0.085
42.012	21.95	0.35	0	0.04	0	0	0.11	0.09	0.1745	0.0923
43.012	21.96	0.35	0	0.04	0	0	0.11	0.09	0.1863	0.0995
44.012	21.98	0.36	0	0.04	0	0	0.1	0.08	0.1979	0.1065
45.012	21.99	0.36	0	0.04	0	0	0.1	0.08	0.2093	0.1131
46.012	22	0.36	0	0.04	0	0	0.09	0.07	0.2202	0.1193
47.012	22.02	0.36	0	0.04	0	0	0.09	0.06	0.2307	0.1247
48.012	22.03	0.37	0	0.04	0	0	0.08	0.05	0.2405	0.1293
49.012	22.05	0.37	0	0.04	0	0	0.07	0.04	0.2496	0.1328

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	22.06	0.37	0	0.04	0	0	0.05	0.03	0.258	0.1355
51.012	22.08	0.38	0	0.05	0	0	0.05	0.02	0.2661	0.1375
52.012	22.1	0.38	0	0.06	0	0	0.04	0.02	0.2743	0.1392
53.012	22.12	0.38	0	0.08	0	0	0.05	0.02	0.2835	0.141
54.012	22.14	0.39	0	0.1	0	0	0.06	0.03	0.2949	0.1431
55.012	22.17	0.39	0	0.12	0	0	0.07	0.03	0.3088	0.1456
56.012	22.2	0.4	0	0.14	0	0	0.08	0.04	0.3255	0.1486
57.012	22.24	0.41	0	0.16	0	0	0.1	0.06	0.3454	0.1526
58.012	22.29	0.42	0	0.21	0	0	0.14	0.08	0.3707	0.1583
59.012	22.35	0.43	0	0.34	0	0	0.2	0.12	0.4072	0.1668
60.007	22.71	0.5	0	3.1	0	0	1.3	0.67	0.6102	0.1993
61.007	23.08	0.58	0	0.46	0	0	1.05	0.76	0.8543	0.2581
62.007	23.14	0.59	0	0.25	0	0	0.39	0.41	0.9433	0.3062
63.007	23.16	0.59	0	0.16	0	0	0.32	0.37	0.9902	0.3381
64.007	23.18	0.6	0	0.16	0	0	0.31	0.35	1.0299	0.3679
65.007	23.19	0.6	0	0.1	0	0	0.27	0.33	1.0646	0.3961
66.007	23.2	0.6	0	0.1	0	0	0.26	0.32	1.0945	0.4227
67.007	23.2	0.6	0	0.1	0	0	0.25	0.3	1.1238	0.4483
68.007	23.21	0.6	0	0.1	0	0	0.24	0.29	1.1524	0.4731
69.007	23.21	0.6	0	0.06	0	0	0.22	0.27	1.1782	0.4965
70.007	23.22	0.6	0	0.06	0	0	0.21	0.26	1.2012	0.5185
71.007	23.22	0.6	0	0.07	0	0	0.2	0.25	1.2234	0.5395
72.007	23.22	0.6	0	0.06	0	0	0.19	0.23	1.2449	0.5594
73.007	23.22	0.6	0	0	0	0	0.18	0.19	1.2628	0.5767
74.007	23.21	0.6	0	0	0	0	0.25	0.1	1.2803	0.5884
75.007	23.2	0.6	0	0	0	0	0.23	0	1.3001	0.5924
76.007	23.2	0.6	0	0	0	0	0.21	0	1.3185	0.5924
77.007	23.19	0.6	0	0	0	0	0.18	0	1.3346	0.5924
78.007	23.19	0.6	0	0	0	0	0.15	0	1.3485	0.5924
79.007	23.18	0.6	0	0	0	0	0.13	0	1.3601	0.5924
80.007	23.18	0.6	0	0	0	0	0.1	0	1.3696	0.5924
81.007	23.18	0.6	0	0	0	0	0.06	0	1.3761	0.5924
82.007	23.18	0.6	0	0	0	0	0	0	1.3784	0.5924
83.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
84.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
85.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
86.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
87.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
88.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
89.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
90.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
91.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
92.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
93.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
94.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
95.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
96.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
97.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
98.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
99.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
100.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
102.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
103.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
104.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
105.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
106.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
107.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
108.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
109.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
110.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
111.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
112.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
113.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
114.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
115.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
116.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
117.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
118.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
119.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
120.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
121.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
122.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
123.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
124.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
125.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
126.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
127.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
128.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
129.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
130.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
131.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
132.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
133.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
134.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
135.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
136.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
137.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
138.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
139.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
140.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
141.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
142.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
143.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
144.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
145.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
146.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
147.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
148.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
149.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
150.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
151.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
153.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
154.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
155.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
156.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
157.007	23.17	0.6	0	0	0	0	0	0	1.3784	0.5924
158.007	23.17	0.59	0	0	0	0	0	0	1.3784	0.5924
159.007	23.17	0.59	0	0	0	0	0	0	1.3784	0.5924
160.007	23.17	0.59	0	0	0	0	0	0.08	1.3784	0.5956
161.007	23.17	0.59	0	0	0	0	0	0	1.3784	0.5988
162.007	23.17	0.59	0	0	0	0	0	0.08	1.3784	0.6023
163.007	23.17	0.59	0	0	0	0	0	0	1.3784	0.6058
164.007	23.17	0.59	0	0	0	0	0	0	1.3784	0.6058
165.007	23.17	0.59	0	0	0	0	0	0	1.3784	0.6058
166.007	23.17	0.59	0	0	0	0	0	0	1.3784	0.6058
167.007	23.17	0.59	0	0	0	0	0	0.05	1.3784	0.6079
168.007	23.17	0.59	0	0	0	0	0	0.09	1.3784	0.6136
169.007	23.17	0.59	0	0	0	0	0	0	1.3784	0.6171
170.007	23.16	0.59	0	0	0	0	0	0	1.3784	0.6171
171.007	23.16	0.59	0	0	0	0	0	0	1.3784	0.6171
172.007	23.16	0.59	0	0	0	0	0.06	0	1.381	0.6171
173.007	23.16	0.59	0	0	0	0	0	0	1.3835	0.6171
174.007	23.16	0.59	0	0	0	0	0	0.09	1.3835	0.6207
175.007	23.16	0.59	0	0	0	0	0	0	1.3835	0.6243
176.007	23.16	0.59	0	0	0	0	0	0.11	1.3835	0.6287
177.007	23.16	0.59	0	0	0	0	0	0	1.3835	0.6332
178.007	23.16	0.59	0	0	0	0	0	0.06	1.3835	0.6356
179.007	23.16	0.59	0	0	0	0	0	0	1.3835	0.638
180.007	23.16	0.59	0	0	0	0	0	0.06	1.3835	0.6405
181.007	23.15	0.59	0	0	0	0	0.09	0	1.3873	0.643
182.007	23.15	0.59	0	0	0	0	0	0	1.391	0.643
183.007	23.15	0.59	0	0	0	0	0.04	0	1.3929	0.643
184.007	23.15	0.59	0	0	0	0	0.1	0	1.3991	0.643
185.007	23.15	0.59	0	0	0	0	0	0.12	1.4034	0.6478
186.007	23.15	0.59	0	0	0	0	0	0.09	1.4034	0.6564
187.007	23.15	0.59	0	0	0	0	0.07	0	1.4064	0.6601
188.007	23.15	0.59	0	0	0	0	0	0.09	1.4093	0.6639
189.007	23.15	0.59	0	0	0	0	0	0	1.4093	0.6678
190.007	23.14	0.59	0	0	0	0	0	0	1.4093	0.6678
191.007	23.14	0.59	0	0	0	0	0	0	1.4093	0.6678
192.007	23.14	0.59	0	0	0	0	0	0	1.4093	0.6678
193.007	23.14	0.59	0	0	0	0	0.11	0	1.4138	0.6678
194.007	23.14	0.59	0	0	0	0	0.09	0	1.4219	0.6678
195.007	23.14	0.59	0	0	0	0	0	0	1.4255	0.6678
196.007	23.14	0.59	0	0	0	0	0	0.1	1.4255	0.6719
197.007	23.14	0.59	0	0	0	0	0	0	1.4255	0.676
198.007	23.14	0.59	0	0	0	0	0	0.05	1.4255	0.678
199.007	23.13	0.59	0	0	0	0	0	0	1.4255	0.68
200.007	23.13	0.59	0	0	0	0	0	0.05	1.4255	0.6821
201.007	23.13	0.59	0	0	0	0	0	0.09	1.4255	0.6878
202.007	23.13	0.59	0	0	0	0	0.1	0	1.4297	0.6913

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

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203.007	23.13	0.59	0	0	0	0	0	0	1.4339	0.6913
204.007	23.13	0.59	0	0	0	0	0	0.07	1.4339	0.6941
205.007	23.13	0.59	0	0	0	0	0	0.05	1.4339	0.699
206.007	23.13	0.59	0	0	0	0	0.09	0	1.4375	0.7011
207.007	23.12	0.58	0	0	0	0	0	0.09	1.4411	0.7047
208.007	23.12	0.58	0	0	0	0	0	0	1.4411	0.7084
209.007	23.12	0.58	0	0	0	0	0.05	0	1.4432	0.7084
210.007	23.12	0.58	0	0	0	0	0	0	1.4452	0.7084
211.007	23.12	0.58	0	0	0	0	0	0.12	1.4452	0.7133
212.007	23.12	0.58	0	0	0	0	0	0	1.4452	0.7182
213.007	23.12	0.58	0	0	0	0	0	0.1	1.4452	0.7222
214.007	23.11	0.58	0	0	0	0	0	0	1.4452	0.7261
215.007	23.11	0.58	0	0	0	0	0.12	0	1.4501	0.7261
216.007	23.11	0.58	0	0	0	0	0	0	1.4551	0.7261
217.007	23.11	0.58	0	0	0	0	0.08	0	1.4585	0.7261
218.007	23.11	0.58	0	0	0	0	0	0.09	1.462	0.73
219.007	23.11	0.58	0	0	0	0	0	0.05	1.462	0.7361
220.007	23.11	0.58	0	0	0	0	0	0	1.462	0.7383
221.007	23.1	0.58	0	0	0	0	0	0.07	1.462	0.7411
222.007	23.1	0.58	0	0	0	0	0.09	0	1.4657	0.7438
223.007	23.1	0.58	0	0	0	0	0	0.12	1.4693	0.7486
224.007	23.1	0.58	0	0	0	0	0.08	0	1.4728	0.7534
225.007	23.1	0.58	0	0	0	0	0	0.12	1.4762	0.7583
226.007	23.1	0.58	0	0	0	0	0.1	0	1.4803	0.7633
227.007	23.1	0.58	0	0	0	0	0	0.08	1.4845	0.7665
228.007	23.09	0.58	0	0	0	0	0	0	1.4845	0.7697
229.007	23.09	0.58	0	0	0	0	0	0	1.4845	0.7697
230.007	23.09	0.58	0	0	0	0	0	0	1.4845	0.7697
231.007	23.09	0.58	0	0	0	0	0	0.07	1.4845	0.7727
232.007	23.09	0.58	0	0	0	0	0	0.05	1.4845	0.778
233.007	23.09	0.58	0	0	0	0	0	0.08	1.4845	0.7836
234.007	23.09	0.58	0	0	0	0	0	0.08	1.4845	0.7905
235.007	23.09	0.58	0	0	0	0	0	0.07	1.4845	0.7969
236.007	23.09	0.58	0	0	0	0	0	0.09	1.4845	0.8038
237.007	23.08	0.58	0	0	0	0	0	0.09	1.4845	0.8113
238.007	23.08	0.58	0	0	0	0	0	0	1.4845	0.815
239.007	23.08	0.58	0	0	0	0	0.11	0	1.4888	0.815
240.007	23.08	0.58	0	0	0	0	0	0.05	1.4932	0.8171
241.007	23.08	0.58	0	0	0	0	0.08	0	1.4963	0.8193
242.007	23.08	0.58	0	0	0	0	0	0.08	1.4994	0.8226
243.007	23.08	0.58	0	0	0	0	0	0	1.4994	0.8258
244.007	23.08	0.58	0	0	0	0	0	0.08	1.4994	0.8291
245.007	23.08	0.58	0	0	0	0	0	0.1	1.4994	0.8366
246.007	23.08	0.58	0	0	0	0	0	0.08	1.4994	0.8444
247.007	23.07	0.58	0	0	0	0	0	0.07	1.4994	0.8508
248.007	23.07	0.57	0	0	0	0	0	0	1.4994	0.8539
249.007	23.07	0.57	0	0	0	0	0	0	1.4994	0.8539
250.007	23.07	0.57	0	0	0	0	0	0.08	1.4994	0.8572
251.007	23.07	0.57	0	0	0	0	0.07	0	1.5023	0.8606
252.007	23.07	0.57	0	0	0	0	0.07	0	1.5081	0.8606
253.007	23.07	0.57	0	0	0	0	0.07	0	1.5138	0.8606

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
254.007	23.07	0.57	0	0	0	0	0.07	0	1.5197	0.8606
255.007	23.07	0.57	0	0	0	0	0.07	0	1.5256	0.8606
256.007	23.06	0.57	0	0	0	0	0.07	0	1.5316	0.8606
257.007	23.06	0.57	0	0	0	0	0.07	0	1.5377	0.8606
258.007	23.06	0.57	0	0	0	0	0	0	1.5407	0.8606
259.007	23.06	0.57	0	0	0	0	0.05	0	1.5428	0.8606
260.007	23.06	0.57	0	0	0	0	0	0	1.5449	0.8606
261.007	23.06	0.57	0	0	0	0	0	0.07	1.5449	0.8636
262.007	23.06	0.57	0	0	0	0	0	0	1.5449	0.8666
263.007	23.06	0.57	0	0	0	0	0.08	0	1.5482	0.8666
264.007	23.06	0.57	0	0	0	0	0	0	1.5515	0.8666
265.007	23.05	0.57	0	0	0	0	0.07	0	1.5542	0.8666
266.007	23.05	0.57	0	0	0	0	0	0.09	1.557	0.8702
267.007	23.05	0.57	0	0	0	0	0.09	0	1.5609	0.8738
268.007	23.05	0.57	0	0	0	0	0	0	1.5648	0.8738
269.007	23.05	0.57	0	0	0	0	0	0	1.5648	0.8738
270.007	23.05	0.57	0	0	0	0	0.07	0	1.5676	0.8738
271.007	23.05	0.57	0	0	0	0	0.06	0	1.573	0.8738
272.007	23.05	0.57	0	0	0	0	0.07	0	1.5786	0.8738
273.007	23.05	0.57	0	0	0	0	0	0	1.5815	0.8738
274.007	23.04	0.57	0	0	0	0	0.07	0	1.5845	0.8738
275.007	23.04	0.57	0	0	0	0	0	0	1.5874	0.8738
276.007	23.04	0.57	0	0	0	0	0	0.05	1.5874	0.876
277.007	23.04	0.57	0	0	0	0	0.07	0	1.5904	0.8781
278.007	23.04	0.57	0	0	0	0	0	0	1.5934	0.8781
279.007	23.04	0.57	0	0	0	0	0	0.07	1.5934	0.8809
280.007	23.04	0.57	0	0	0	0	0	0.09	1.5934	0.8875
281.007	23.04	0.57	0	0	0	0	0	0	1.5934	0.8913
282.007	23.03	0.57	0	0	0	0	0	0.06	1.5934	0.8936
283.007	23.03	0.57	0	0	0	0	0	0.1	1.5934	0.9003
284.007	23.03	0.57	0	0	0	0	0	0	1.5934	0.9045
285.007	23.03	0.57	0	0	0	0	0	0.06	1.5934	0.907
286.007	23.03	0.57	0	0	0	0	0	0.1	1.5934	0.9138
287.007	23.03	0.57	0	0	0	0	0	0.04	1.5934	0.9199
288.007	23.03	0.57	0	0	0	0	0	0	1.5934	0.9216
289.007	23.03	0.57	0	0	0	0	0	0.05	1.5934	0.9235
290.007	23.02	0.57	0	0	0	0	0.06	0	1.5958	0.9254
291.007	23.02	0.56	0	0	0	0	0	0.1	1.5982	0.9293
292.007	23.02	0.56	0	0	0	0	0.09	0	1.6019	0.9333
293.007	23.02	0.56	0	0	0	0	0	0.07	1.6055	0.9361
294.007	23.02	0.56	0	0	0	0	0	0	1.6055	0.9389
295.007	23.02	0.56	0	0	0	0	0	0	1.6055	0.9389
296.007	23.02	0.56	0	0	0	0	0	0.05	1.6055	0.941
297.007	23.02	0.56	0	0	0	0	0.07	0	1.6082	0.9431
298.007	23.01	0.56	0	0	0	0	0	0.1	1.611	0.9471
299.007	23.01	0.56	0	0	0	0	0.09	0	1.6146	0.9512
300.007	23.01	0.56	0	0	0	0	0	0.07	1.6182	0.954
301.007	23.01	0.56	0	0	0	0	0	0	1.6182	0.9568
302.007	23.01	0.56	0	0	0	0	0	0	1.6182	0.9568
303.007	23.01	0.56	0	0	0	0	0	0.05	1.6182	0.959
304.007	23.01	0.56	0	0	0	0	0.07	0	1.621	0.9612

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	23	0.56	0	0	0	0	0	0.1	1.6239	0.9653
306.007	23	0.56	0	0	0	0	0.09	0	1.6275	0.9694
307.007	23	0.56	0	0	0	0	0	0.07	1.6311	0.9723
308.007	23	0.56	0	0	0	0	0	0	1.6311	0.9753
309.007	23	0.56	0	0	0	0	0	0	1.6311	0.9753
310.007	23	0.56	0	0	0	0	0	0.05	1.6311	0.9775
311.007	23	0.56	0	0	0	0	0.07	0	1.6341	0.9797
312.007	22.99	0.56	0	0	0	0	0	0.1	1.6371	0.9839
313.007	22.99	0.56	0	0	0	0	0.09	0	1.6408	0.988
314.007	22.99	0.56	0	0	0	0	0	0.07	1.6444	0.991
315.007	22.99	0.56	0	0	0	0	0	0	1.6444	0.994
316.007	22.99	0.56	0	0	0	0	0	0	1.6444	0.994
317.007	22.99	0.56	0	0	0	0	0	0.06	1.6444	0.9963
318.007	22.99	0.56	0	0	0	0	0.07	0	1.6475	0.9986
319.007	22.98	0.56	0	0	0	0	0	0.1	1.6506	1.0028
320.007	22.98	0.56	0	0	0	0	0.09	0	1.6542	1.007
321.007	22.98	0.56	0	0	0	0	0	0.07	1.6579	1.0101
322.007	22.98	0.56	0	0	0	0	0	0	1.6579	1.0131
323.007	22.98	0.56	0	0	0	0	0	0	1.6579	1.0131
324.007	22.98	0.56	0	0	0	0	0	0.06	1.6579	1.0154
325.007	22.98	0.56	0	0	0	0	0.08	0	1.661	1.0178
326.007	22.97	0.56	0	0	0	0	0	0.1	1.6642	1.022
327.007	22.97	0.55	0	0	0	0	0.09	0	1.6679	1.0262
328.007	22.97	0.55	0	0	0	0	0	0.08	1.6716	1.0294
329.007	22.97	0.55	0	0	0	0	0	0	1.6716	1.0326
330.007	22.97	0.55	0	0	0	0	0	0	1.6716	1.0326
331.007	22.97	0.55	0	0	0	0	0	0.06	1.6716	1.0349
332.007	22.97	0.55	0	0	0	0	0.08	0	1.6748	1.0372
333.007	22.96	0.55	0	0	0	0	0	0.1	1.6781	1.0415
334.007	22.96	0.55	0	0	0	0	0.09	0	1.6818	1.0458
335.007	22.96	0.55	0	0	0	0	0	0.08	1.6855	1.049
336.007	22.96	0.55	0	0	0	0	0	0	1.6855	1.0522
336.016	22.96	0.55	0	0	0	0	0	0	1.6855	1.0522

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	P4							
0	21.6	0.25	0	0	0	0	0	0	0	0
1.012	21.6	0.25	0	0	0	0	0	0	0	0
2.012	21.6	0.25	0	0	0	0	0	0	0	0
3.012	21.6	0.25	0	0	0	0	0	0	0	0
4.012	21.6	0.25	0	0	0	0	0	0	0	0
5.012	21.6	0.26	0	0	0	0	0	0	0	0
6.012	21.6	0.28	0	0	0	0	0	0	0	0
7.012	21.6	0.28	0	0	0	0	0	0	0	0
8.012	21.6	0.28	0	0	0	0	0	0	0	0
9.012	21.6	0.28	0	0	0	0	0	0	0	0
10.012	21.6	0.28	0	0	0	0	0	0	0	0
11.012	21.6	0.28	0	0	0	0	0	0	0.0001	0
12.012	21.6	0.28	0	0	0	0	0	0	0.0002	0
13.012	21.6	0.28	0	0	0	0	0	0	0.0005	0
14.012	21.6	0.28	0	0	0	0	0	0	0.0008	0
15.012	21.6	0.28	0	0.01	0	0	0	0	0.0013	0
16.012	21.61	0.28	0	0.01	0	0	0	0	0.0018	0
17.012	21.61	0.28	0	0.01	0	0	0	0	0.0025	0
18.012	21.61	0.28	0	0.01	0	0	0	0	0.0032	0
19.012	21.61	0.28	0	0.01	0	0	0	0	0.0041	0
20.012	21.62	0.28	0	0.01	0	0	0	0	0.0051	0
21.012	21.62	0.28	0	0.01	0	0	0	0	0.0062	0
22.012	21.63	0.28	0	0.01	0	0	0.01	0	0.0075	0.0001
23.012	21.63	0.28	0	0.01	0	0	0.01	0	0.0089	0.0001
24.012	21.64	0.28	0	0.01	0	0	0.01	0	0.0107	0.0001
25.012	21.65	0.28	0	0.02	0	0	0.01	0	0.0129	0.0002
26.012	21.66	0.29	0	0.02	0	0	0.02	0	0.0158	0.0003
27.012	21.67	0.29	0	0.02	0	0	0.02	0	0.0193	0.0004
28.012	21.68	0.29	0	0.02	0	0	0.03	0	0.0233	0.0006
29.012	21.7	0.29	0	0.02	0	0	0.04	0	0.0281	0.001
30.012	21.71	0.3	0	0.02	0	0	0.05	0.01	0.0337	0.0015
31.012	21.73	0.3	0	0.03	0	0	0.06	0.01	0.04	0.0022
32.012	21.75	0.3	0	0.03	0	0	0.06	0.01	0.0472	0.0032
33.012	21.77	0.31	0	0.03	0	0	0.07	0.02	0.0551	0.0046
34.012	21.8	0.31	0	0.03	0	0	0.08	0.02	0.0637	0.0064
35.012	21.82	0.31	0	0.03	0	0	0.08	0.03	0.0726	0.0086
36.012	21.84	0.32	0	0.03	0	0	0.08	0.04	0.0819	0.0114
37.012	21.86	0.32	0	0.03	0	0	0.08	0.04	0.0913	0.0146
38.012	21.88	0.32	0	0.03	0	0	0.09	0.05	0.1009	0.0183
39.012	21.89	0.33	0	0.03	0	0	0.09	0.05	0.1106	0.0225
40.012	21.91	0.33	0	0.03	0	0	0.09	0.06	0.1205	0.027
41.012	21.92	0.33	0	0.03	0	0	0.09	0.06	0.1304	0.0319
42.012	21.94	0.33	0	0.03	0	0	0.09	0.06	0.1404	0.0368
43.012	21.96	0.34	0	0.03	0	0	0.09	0.06	0.1504	0.0418
44.012	21.97	0.34	0	0.03	0	0	0.08	0.06	0.1602	0.0466
45.012	21.98	0.34	0	0.03	0	0	0.08	0.05	0.1697	0.051
46.012	22	0.34	0	0.03	0	0	0.07	0.04	0.1786	0.0548
47.012	22.02	0.35	0	0.04	0	0	0.06	0.03	0.187	0.0579
48.012	22.03	0.35	0	0.04	0	0	0.05	0.02	0.1944	0.06
49.012	22.05	0.35	0	0.04	0	0	0.04	0.01	0.2011	0.0612

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	22.06	0.35	0	0.04	0	0	0.03	0	0.2071	0.0615
51.012	22.08	0.36	0	0.05	0	0	0.02	0	0.2128	0.0615
52.012	22.1	0.36	0	0.05	0	0	0.02	0	0.2189	0.0615
53.012	22.12	0.36	0	0.07	0	0	0.02	0	0.2259	0.0615
54.012	22.14	0.37	0	0.09	0	0	0.03	0	0.2346	0.0615
55.012	22.17	0.37	0	0.11	0	0	0.03	0	0.2453	0.0615
56.012	22.2	0.38	0	0.13	0	0	0.04	0	0.2581	0.0615
57.012	22.24	0.38	0	0.15	0	0	0.06	0.02	0.2737	0.0622
58.012	22.29	0.39	0	0.2	0	0	0.08	0.03	0.2939	0.0643
59.012	22.35	0.4	0	0.32	0	0	0.12	0.06	0.3238	0.0684
60.007	22.7	0.46	0	2.91	0	0	0.67	0.24	0.4893	0.081
61.007	23.08	0.52	0	0.43	0	0	0.76	0.43	0.6864	0.1088
62.007	23.14	0.53	0	0.24	0	0	0.41	0.43	0.7622	0.1443
63.007	23.16	0.53	0	0.15	0	0	0.37	0.41	0.8105	0.179
64.007	23.18	0.54	0	0.15	0	0	0.35	0.4	0.8529	0.2124
65.007	23.19	0.54	0	0.09	0	0	0.33	0.38	0.8911	0.2447
66.007	23.2	0.54	0	0.09	0	0	0.32	0.37	0.9253	0.2759
67.007	23.2	0.54	0	0.09	0	0	0.3	0.36	0.9585	0.3058
68.007	23.21	0.54	0	0.09	0	0	0.29	0.34	0.9908	0.3346
69.007	23.21	0.54	0	0.06	0	0	0.27	0.33	1.0205	0.3622
70.007	23.22	0.54	0	0.06	0	0	0.26	0.31	1.0476	0.3884
71.007	23.22	0.54	0	0.06	0	0	0.25	0.29	1.0736	0.4132
72.007	23.22	0.54	0	0.06	0	0	0.23	0.28	1.0986	0.4367
73.007	23.22	0.54	0	0	0	0	0.19	0.26	1.1184	0.4588
74.007	23.21	0.54	0	0	0	0	0.1	0.23	1.1301	0.479
75.007	23.2	0.54	0	0	0	0	0	0.21	1.1341	0.4974
76.007	23.2	0.54	0	0	0	0	0	0.19	1.1341	0.5138
77.007	23.19	0.54	0	0	0	0	0	0.16	1.1341	0.5282
78.007	23.19	0.54	0	0	0	0	0	0.14	1.1341	0.5406
79.007	23.18	0.54	0	0	0	0	0	0.11	1.1341	0.5509
80.007	23.18	0.54	0	0	0	0	0	0.09	1.1341	0.5591
81.007	23.18	0.53	0	0	0	0	0	0.06	1.1341	0.5649
82.007	23.18	0.53	0	0	0	0	0	0.02	1.1341	0.568
83.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
84.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
85.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
86.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
87.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
88.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
89.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
90.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
91.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
92.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
93.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
94.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
95.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
96.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
97.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
98.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
99.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
100.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
102.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
103.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
104.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
105.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
106.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
107.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
108.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
109.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
110.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
111.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
112.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
113.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
114.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
115.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
116.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
117.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
118.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
119.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
120.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
121.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
122.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
123.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
124.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
125.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
126.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
127.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
128.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
129.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
130.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
131.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
132.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
133.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
134.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
135.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
136.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
137.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
138.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
139.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
140.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
141.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
142.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
143.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
144.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
145.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
146.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
147.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
148.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
149.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
150.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
151.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
153.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
154.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
155.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
156.007	23.18	0.53	0	0	0	0	0	0	1.1341	0.5688
157.007	23.17	0.53	0	0	0	0	0	0.01	1.1341	0.5692
158.007	23.17	0.53	0	0	0	0	0	0.02	1.1341	0.5705
159.007	23.17	0.53	0	0	0	0	0	0.02	1.1341	0.5722
160.007	23.17	0.53	0	0	0	0	0.08	0.02	1.1373	0.574
161.007	23.17	0.53	0	0	0	0	0	0.02	1.1405	0.5759
162.007	23.17	0.53	0	0	0	0	0.08	0.02	1.144	0.5779
163.007	23.17	0.53	0	0	0	0	0	0.02	1.1475	0.5798
164.007	23.17	0.53	0	0	0	0	0	0.02	1.1475	0.5818
165.007	23.17	0.53	0	0	0	0	0	0.02	1.1475	0.5838
166.007	23.17	0.53	0	0	0	0	0	0.03	1.1475	0.5859
167.007	23.17	0.53	0	0	0	0	0.05	0.03	1.1496	0.588
168.007	23.17	0.53	0	0	0	0	0.09	0.03	1.1553	0.5901
169.007	23.17	0.53	0	0	0	0	0	0.03	1.1588	0.5922
170.007	23.16	0.53	0	0	0	0	0	0.03	1.1588	0.5944
171.007	23.16	0.53	0	0	0	0	0	0.03	1.1588	0.5967
172.007	23.16	0.53	0	0	0	0	0	0.03	1.1588	0.5991
173.007	23.16	0.53	0	0	0	0	0	0.03	1.1588	0.6015
174.007	23.16	0.53	0	0	0	0	0.09	0.03	1.1624	0.6038
175.007	23.16	0.53	0	0	0	0	0	0.03	1.166	0.6062
176.007	23.16	0.53	0	0	0	0	0.11	0.03	1.1705	0.6086
177.007	23.16	0.53	0	0	0	0	0	0.03	1.1749	0.6111
178.007	23.16	0.53	0	0	0	0	0.06	0.03	1.1773	0.6136
179.007	23.16	0.53	0	0	0	0	0	0.03	1.1797	0.6161
180.007	23.16	0.53	0	0	0	0	0.06	0.03	1.1822	0.6186
181.007	23.15	0.53	0	0	0	0	0	0.03	1.1847	0.6212
182.007	23.15	0.53	0	0	0	0	0	0.03	1.1847	0.6239
183.007	23.15	0.53	0	0	0	0	0	0.03	1.1847	0.6266
184.007	23.15	0.53	0	0	0	0	0	0.03	1.1847	0.6293
185.007	23.15	0.53	0	0	0	0	0.12	0.03	1.1896	0.632
186.007	23.15	0.53	0	0	0	0	0.09	0.03	1.1981	0.6347
187.007	23.15	0.53	0	0	0	0	0	0.03	1.2018	0.6375
188.007	23.15	0.53	0	0	0	0	0.09	0.03	1.2057	0.6403
189.007	23.15	0.53	0	0	0	0	0	0.03	1.2095	0.6431
190.007	23.14	0.53	0	0	0	0	0	0.03	1.2095	0.6459
191.007	23.14	0.53	0	0	0	0	0	0.04	1.2095	0.6488
192.007	23.14	0.53	0	0	0	0	0	0.04	1.2095	0.6518
193.007	23.14	0.53	0	0	0	0	0	0.04	1.2095	0.6547
194.007	23.14	0.53	0	0	0	0	0	0.04	1.2095	0.6577
195.007	23.14	0.53	0	0	0	0	0	0.04	1.2095	0.6607
196.007	23.14	0.53	0	0	0	0	0.1	0.04	1.2136	0.6637
197.007	23.14	0.53	0	0	0	0	0	0.04	1.2177	0.6668
198.007	23.14	0.53	0	0	0	0	0.05	0.04	1.2197	0.6699
199.007	23.13	0.53	0	0	0	0	0	0.04	1.2217	0.673
200.007	23.13	0.53	0	0	0	0	0.05	0.04	1.2239	0.6761
201.007	23.13	0.53	0	0	0	0	0.09	0.04	1.2295	0.6793
202.007	23.13	0.53	0	0	0	0	0	0.04	1.233	0.6824

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
203.007	23.13	0.53	0	0	0	0	0	0.04	1.233	0.6857
204.007	23.13	0.53	0	0	0	0	0.07	0.04	1.2358	0.6889
205.007	23.13	0.53	0	0	0	0	0.05	0.04	1.2407	0.6922
206.007	23.13	0.53	0	0	0	0	0	0.04	1.2428	0.6955
207.007	23.12	0.53	0	0	0	0	0.09	0.04	1.2465	0.6988
208.007	23.12	0.53	0	0	0	0	0	0.04	1.2501	0.7021
209.007	23.12	0.53	0	0	0	0	0	0.04	1.2501	0.7055
210.007	23.12	0.53	0	0	0	0	0	0.04	1.2501	0.7089
211.007	23.12	0.53	0	0	0	0	0.12	0.04	1.255	0.7122
212.007	23.12	0.53	0	0	0	0	0	0.04	1.26	0.7156
213.007	23.12	0.52	0	0	0	0	0.1	0.04	1.2639	0.719
214.007	23.11	0.52	0	0	0	0	0	0.04	1.2678	0.7225
215.007	23.11	0.52	0	0	0	0	0	0.04	1.2678	0.726
216.007	23.11	0.52	0	0	0	0	0	0.04	1.2678	0.7295
217.007	23.11	0.52	0	0	0	0	0	0.04	1.2678	0.7331
218.007	23.11	0.52	0	0	0	0	0.09	0.04	1.2717	0.7366
219.007	23.11	0.52	0	0	0	0	0.05	0.04	1.2778	0.7402
220.007	23.11	0.52	0	0	0	0	0	0.04	1.2801	0.7438
221.007	23.1	0.52	0	0	0	0	0.07	0.04	1.2828	0.7474
222.007	23.1	0.52	0	0	0	0	0	0.04	1.2855	0.751
223.007	23.1	0.52	0	0	0	0	0.12	0.04	1.2903	0.7547
224.007	23.1	0.52	0	0	0	0	0	0.04	1.2951	0.7583
225.007	23.1	0.52	0	0	0	0	0.12	0.04	1.3	0.762
226.007	23.1	0.52	0	0	0	0	0	0.05	1.305	0.7657
227.007	23.1	0.52	0	0	0	0	0.08	0.05	1.3082	0.7694
228.007	23.09	0.52	0	0	0	0	0	0.05	1.3114	0.7732
229.007	23.09	0.52	0	0	0	0	0	0.04	1.3114	0.7768
230.007	23.09	0.52	0	0	0	0	0	0.04	1.3114	0.7802
231.007	23.09	0.52	0	0	0	0	0.07	0.03	1.3144	0.7831
232.007	23.09	0.52	0	0	0	0	0.05	0.03	1.3197	0.7857
233.007	23.09	0.52	0	0	0	0	0.08	0.03	1.3253	0.7882
234.007	23.09	0.52	0	0	0	0	0.08	0.03	1.3322	0.7906
235.007	23.09	0.52	0	0	0	0	0.07	0.03	1.3386	0.7929
236.007	23.09	0.52	0	0	0	0	0.09	0.03	1.3455	0.7953
237.007	23.08	0.52	0	0	0	0	0.09	0.03	1.3531	0.7976
238.007	23.08	0.52	0	0	0	0	0	0.03	1.3567	0.8
239.007	23.08	0.52	0	0	0	0	0	0.03	1.3567	0.8023
240.007	23.08	0.52	0	0	0	0	0.05	0.03	1.3588	0.8047
241.007	23.08	0.52	0	0	0	0	0	0.03	1.361	0.8071
242.007	23.08	0.52	0	0	0	0	0.08	0.03	1.3643	0.8096
243.007	23.08	0.52	0	0	0	0	0	0.03	1.3675	0.8121
244.007	23.08	0.52	0	0	0	0	0.08	0.03	1.3708	0.8146
245.007	23.08	0.52	0	0	0	0	0.1	0.03	1.3783	0.817
246.007	23.08	0.52	0	0	0	0	0.08	0.03	1.3861	0.8195
247.007	23.07	0.52	0	0	0	0	0.07	0.03	1.3926	0.822
248.007	23.07	0.52	0	0	0	0	0	0.03	1.3956	0.8246
249.007	23.07	0.52	0	0	0	0	0	0.03	1.3956	0.8272
250.007	23.07	0.52	0	0	0	0	0.08	0.03	1.399	0.8298
251.007	23.07	0.52	0	0	0	0	0	0.03	1.4024	0.8324
252.007	23.07	0.52	0	0	0	0	0	0.03	1.4024	0.8351
253.007	23.07	0.52	0	0	0	0	0	0.03	1.4024	0.8378

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
254.007	23.07	0.52	0	0	0	0	0	0.03	1.4024	0.8405
255.007	23.07	0.52	0	0	0	0	0	0.03	1.4024	0.8432
256.007	23.07	0.52	0	0	0	0	0	0.03	1.4024	0.8459
257.007	23.06	0.52	0	0	0	0	0	0.03	1.4024	0.8487
258.007	23.06	0.52	0	0	0	0	0	0.03	1.4024	0.8515
259.007	23.06	0.52	0	0	0	0	0	0.03	1.4024	0.8542
260.007	23.06	0.52	0	0	0	0	0	0.03	1.4024	0.857
261.007	23.06	0.52	0	0	0	0	0.07	0.03	1.4053	0.8597
262.007	23.06	0.52	0	0	0	0	0	0.03	1.4083	0.8625
263.007	23.06	0.52	0	0	0	0	0	0.03	1.4083	0.8653
264.007	23.06	0.52	0	0	0	0	0	0.03	1.4083	0.8681
265.007	23.05	0.51	0	0	0	0	0	0.03	1.4083	0.8709
266.007	23.05	0.51	0	0	0	0	0.09	0.03	1.4119	0.8738
267.007	23.05	0.51	0	0	0	0	0	0.03	1.4156	0.8766
268.007	23.05	0.51	0	0	0	0	0	0.03	1.4156	0.8795
269.007	23.05	0.51	0	0	0	0	0	0.04	1.4156	0.8824
270.007	23.05	0.51	0	0	0	0	0	0.04	1.4156	0.8853
271.007	23.05	0.51	0	0	0	0	0	0.04	1.4156	0.8883
272.007	23.05	0.51	0	0	0	0	0	0.04	1.4156	0.8912
273.007	23.05	0.51	0	0	0	0	0	0.04	1.4156	0.8942
274.007	23.04	0.51	0	0	0	0	0	0.04	1.4156	0.8972
275.007	23.04	0.51	0	0	0	0	0	0.04	1.4156	0.9002
276.007	23.04	0.51	0	0	0	0	0.05	0.04	1.4177	0.9032
277.007	23.04	0.51	0	0	0	0	0	0.04	1.4198	0.9062
278.007	23.04	0.51	0	0	0	0	0	0.04	1.4198	0.9092
279.007	23.04	0.51	0	0	0	0	0.07	0.04	1.4226	0.9122
280.007	23.04	0.51	0	0	0	0	0.09	0.04	1.4292	0.9152
281.007	23.04	0.51	0	0	0	0	0	0.04	1.433	0.9182
282.007	23.03	0.51	0	0	0	0	0.06	0.04	1.4354	0.9213
283.007	23.03	0.51	0	0	0	0	0.1	0.04	1.442	0.9243
284.007	23.03	0.51	0	0	0	0	0	0.04	1.4463	0.9274
285.007	23.03	0.51	0	0	0	0	0.06	0.04	1.4487	0.9305
286.007	23.03	0.51	0	0	0	0	0.1	0.04	1.4555	0.9336
287.007	23.03	0.51	0	0	0	0	0.04	0.04	1.4616	0.9367
288.007	23.03	0.51	0	0	0	0	0	0.04	1.4633	0.9398
289.007	23.03	0.51	0	0	0	0	0.05	0.04	1.4652	0.9429
290.007	23.02	0.51	0	0	0	0	0	0.04	1.4671	0.946
291.007	23.02	0.51	0	0	0	0	0.1	0.04	1.4711	0.9492
292.007	23.02	0.51	0	0	0	0	0	0.04	1.475	0.9523
293.007	23.02	0.51	0	0	0	0	0.07	0.04	1.4778	0.9555
294.007	23.02	0.51	0	0	0	0	0	0.04	1.4806	0.9587
295.007	23.02	0.51	0	0	0	0	0	0.04	1.4806	0.9619
296.007	23.02	0.51	0	0	0	0	0.05	0.04	1.4827	0.9652
297.007	23.02	0.51	0	0	0	0	0	0.04	1.4848	0.9684
298.007	23.01	0.51	0	0	0	0	0.1	0.04	1.4889	0.9716
299.007	23.01	0.51	0	0	0	0	0	0.04	1.4929	0.9748
300.007	23.01	0.51	0	0	0	0	0.07	0.04	1.4957	0.9781
301.007	23.01	0.51	0	0	0	0	0	0.04	1.4986	0.9814
302.007	23.01	0.51	0	0	0	0	0	0.04	1.4986	0.9847
303.007	23.01	0.51	0	0	0	0	0.05	0.04	1.5008	0.988
304.007	23.01	0.51	0	0	0	0	0	0.04	1.503	0.9913

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	23	0.51	0	0	0	0	0.1	0.04	1.5071	0.9946
306.007	23	0.51	0	0	0	0	0	0.04	1.5111	0.9979
307.007	23	0.51	0	0	0	0	0.07	0.04	1.5141	1.0013
308.007	23	0.51	0	0	0	0	0	0.04	1.517	1.0046
309.007	23	0.51	0	0	0	0	0	0.04	1.517	1.008
310.007	23	0.51	0	0	0	0	0.05	0.04	1.5192	1.0114
311.007	23	0.51	0	0	0	0	0	0.04	1.5215	1.0147
312.007	22.99	0.51	0	0	0	0	0.1	0.04	1.5256	1.0181
313.007	22.99	0.5	0	0	0	0	0	0.04	1.5298	1.0215
314.007	22.99	0.5	0	0	0	0	0.07	0.04	1.5328	1.0249
315.007	22.99	0.5	0	0	0	0	0	0.04	1.5358	1.0283
316.007	22.99	0.5	0	0	0	0	0	0.04	1.5358	1.0317
317.007	22.99	0.5	0	0	0	0	0.06	0.04	1.538	1.0352
318.007	22.99	0.5	0	0	0	0	0	0.04	1.5403	1.0386
319.007	22.98	0.5	0	0	0	0	0.1	0.04	1.5445	1.042
320.007	22.98	0.5	0	0	0	0	0	0.04	1.5487	1.0454
321.007	22.98	0.5	0	0	0	0	0.07	0.04	1.5518	1.0489
322.007	22.98	0.5	0	0	0	0	0	0.04	1.5549	1.0524
323.007	22.98	0.5	0	0	0	0	0	0.04	1.5549	1.0559
324.007	22.98	0.5	0	0	0	0	0.06	0.04	1.5572	1.0594
325.007	22.98	0.5	0	0	0	0	0	0.04	1.5595	1.0628
326.007	22.97	0.5	0	0	0	0	0.1	0.04	1.5637	1.0663
327.007	22.97	0.5	0	0	0	0	0	0.04	1.568	1.0698
328.007	22.97	0.5	0	0	0	0	0.08	0.04	1.5711	1.0733
329.007	22.97	0.5	0	0	0	0	0	0.04	1.5743	1.0769
330.007	22.97	0.5	0	0	0	0	0	0.04	1.5743	1.0804
331.007	22.97	0.5	0	0	0	0	0.06	0.04	1.5766	1.0839
332.007	22.97	0.5	0	0	0	0	0	0.04	1.5789	1.0875
333.007	22.96	0.5	0	0	0	0	0.1	0.04	1.5832	1.091
334.007	22.96	0.5	0	0	0	0	0	0.04	1.5875	1.0945
335.007	22.96	0.5	0	0	0	0	0.08	0.04	1.5907	1.0981
336.007	22.96	0.5	0	0	0	0	0	0.04	1.594	1.1017
336.016	22.96	0.5	0	0	0	0	0	0.04	1.594	1.1017

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	RP-E							
0	21.4	0.74	-0.78	0	0	0	0	0	0	0
1.012	21.4	0.74	-0.78	0	0	0	0	0	-0.0652	0
2.012	21.4	0.74	-0.78	0	0	0	0	0	-0.1297	0
3.012	21.4	0.74	-0.78	0	0	0	0	0	-0.1942	0
4.012	21.4	0.74	-0.78	0	0	0	0	0	-0.2586	0
5.012	21.4	0.74	-0.78	0	0	0	0	0	-0.3231	0
6.012	21.4	0.74	-0.78	0	0	0	0	0	-0.3875	0
7.012	21.4	0.74	-0.78	0	0	0	0	0	-0.452	0
8.012	21.4	0.74	-0.78	0	0	0	0	0	-0.5165	0
9.012	21.4	0.74	-0.78	0	0	0	0	0	-0.5809	0
10.012	21.4	0.74	-0.78	0	0	0	0	0	-0.6454	0
11.012	21.4	0.74	-0.78	0	0	0	0	0	-0.7099	0
12.012	21.4	0.74	-0.78	0	0	0	0	0	-0.7743	0
13.012	21.4	0.74	-0.78	0	0	0	0	0	-0.8388	0
14.012	21.4	0.74	-0.78	0	0	0	0	0	-0.9032	0
15.012	21.4	0.74	-0.78	0	0	0	0	0	-0.9677	0
16.012	21.4	0.74	-0.78	0	0	0	0	0	-1.0322	0
17.012	21.4	0.74	-0.78	0	0	0	0	0	-1.0966	0
18.012	21.4	0.74	-0.78	0	0	0	0	0	-1.1611	0
19.012	21.4	0.74	-0.78	0	0	0	0	0	-1.2256	0
20.012	21.4	0.74	-0.78	0	0	0	0	0	-1.29	0
21.012	21.4	0.74	-0.78	0	0	0	0	0	-1.3545	0
22.012	21.4	0.74	-0.78	0	0	0	0	0	-1.4189	0
23.012	21.4	0.74	-0.78	0	0	0	0	0	-1.4834	0
24.012	21.4	0.74	-0.78	0	0	0	0	0	-1.5477	0
25.012	21.4	0.74	-0.78	0.01	0	0	0	0	-1.6115	0
26.012	21.4	0.74	-0.78	0.02	0	0	0	0	-1.6746	0
27.012	21.4	0.74	-0.78	0.03	0	0	0	0	-1.737	0
28.012	21.4	0.74	-0.78	0.04	0	0	0	0	-1.7989	0
29.012	21.4	0.74	-0.78	0.04	0	0	0	0	-1.8602	0
30.012	21.4	0.74	-0.78	0.05	0	0	0	0	-1.9209	0
31.012	21.4	0.74	-0.78	0.06	0	0	0	0	-1.981	0
32.012	21.4	0.74	-0.78	0.06	0	0	0	0	-2.0407	0
33.012	21.4	0.74	-0.78	0.07	0	0	0	0	-2.0998	0
34.012	21.4	0.74	-0.78	0.07	0	0	0	0	-2.1585	0
35.012	21.4	0.74	-0.78	0.08	0	0	0	0	-2.2166	0
36.012	21.4	0.74	-0.78	0.08	0	0	0	0	-2.2743	0
37.012	21.4	0.74	-0.78	0.09	0	0	0	0	-2.3315	0
38.012	21.4	0.74	-0.78	0.1	0	0	0	0	-2.3883	0
39.012	21.4	0.74	-0.78	0.1	0	0	0	0	-2.4446	0
40.012	21.4	0.74	-0.78	0.11	0	0	0	0	-2.5005	0
41.012	21.4	0.74	-0.78	0.11	0	0	0	0	-2.5561	0
42.012	21.4	0.74	-0.78	0.12	0	0	0	0	-2.6112	0
43.012	21.4	0.74	-0.78	0.12	0	0	0	0	-2.6659	0
44.012	21.4	0.74	-0.78	0.12	0	0	0	0	-2.7203	0
45.012	21.4	0.74	-0.78	0.13	0	0	0	0	-2.7744	0
46.012	21.4	0.74	-0.78	0.13	0	0	0	0	-2.8281	0
47.012	21.4	0.74	-0.78	0.14	0	0	0	0	-2.8815	0
48.012	21.4	0.74	-0.78	0.14	0	0	0	0	-2.9345	0
49.012	21.4	0.74	-0.78	0.16	0	0	0	0	-2.9866	0

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	21.4	0.74	-0.78	0.17	0	0	0	0	-3.0375	0
51.012	21.4	0.74	-0.78	0.2	0	0	0	0	-3.0865	0
52.012	21.4	0.74	-0.78	0.23	0	0	0	0	-3.133	0
53.012	21.4	0.74	-0.78	0.31	0	0	0	0	-3.1751	0
54.012	21.4	0.74	-0.78	0.4	0	0	0	0	-3.2102	0
55.012	21.4	0.74	-0.78	0.5	0	0	0	0	-3.2376	0
56.012	21.4	0.74	-0.78	0.61	0	0	0	0	-3.2565	0
57.012	21.4	0.74	-0.78	0.74	0	0	0	0	-3.2652	0
58.012	21.41	0.74	-0.78	0.99	0	0	0	0	-3.258	0
59.012	21.46	0.74	-0.78	1.68	0	0	0	0	-3.212	0
60.007	22.48	2.25	-0.78	16.86	0	0	5.26	0	-2.297	0
61.007	22.84	3.42	-0.78	2.64	0	0	1.68	0	-1.269	0
62.007	22.91	3.6	-0.78	1.48	0	0	1.3	0	-1.0404	0
63.007	22.95	3.6	-0.78	0.96	0	0	1.1	0	-0.905	0
64.007	22.98	3.6	-0.78	0.95	0	0	1.1	0	-0.7996	0
65.007	23	3.6	-0.78	0.57	0	0	0.96	0	-0.7163	0
66.007	23.02	3.6	-0.78	0.58	0	0	0.96	0	-0.654	0
67.007	23.03	3.6	-0.78	0.58	0	0	1.2	0.14	-0.5815	0.0056
68.007	23.05	3.6	-0.78	0.58	0	0	1.3	0.2	-0.495	0.0196
69.007	23.06	3.6	-0.78	0.38	0	0	1.25	0.21	-0.414	0.0369
70.007	23.07	3.6	-0.78	0.39	0	0	1.36	0.22	-0.3386	0.0546
71.007	23.08	3.6	-0.78	0.39	0	0	15.41	0	0.3221	0.0636
72.007	23.09	3.6	-0.78	0.39	0	0	16.67	0	1.6155	0.0636
73.007	23.09	3.6	-0.78	0	0	0	16.27	0	2.9282	0.0636
74.007	23.09	3.6	-0.78	0	0	0	15.05	0	4.1579	0.0636
75.007	23.09	3.6	-0.78	0	0	0	13.7	0	5.2815	0.0636
76.007	23.09	3.6	-0.78	0	0	0	13.52	0	6.3417	0.0636
77.007	23.09	3.6	-0.78	0	0	0	13.34	0	7.3871	0.0636
78.007	23.08	3.6	-0.78	0	0	0	13.15	0	8.4176	0.0636
79.007	23.08	3.6	-0.78	0	0	0	12.95	0	9.4319	0.0636
80.007	23.08	3.6	-0.78	0	0	0	12.73	0	10.4288	0.0636
81.007	23.08	3.6	-0.78	0	0	0	12.5	0	11.4073	0.0636
82.007	23.08	3.6	-0.78	0	0	0	12.27	0	12.3664	0.0636
83.007	23.07	3.6	-0.78	0	0	0	12.02	0	13.3054	0.0636
84.007	23.07	3.6	-0.78	0	0	0	11.76	0	14.2235	0.0636
85.007	23.07	3.6	-0.78	0	0	0	11.5	0	15.1202	0.0636
86.007	23.06	3.6	-0.78	0	0	0	11.23	0	15.9951	0.0636
87.007	23.06	3.6	-0.78	0	0	0	10.96	0	16.8477	0.0636
88.007	23.06	3.6	-0.78	0	0	0	10.69	0	17.6778	0.0636
89.007	23.06	3.6	-0.78	0	0	0	10.41	0	18.4853	0.0636
90.007	23.05	3.6	-0.78	0	0	0	10.14	0	19.27	0.0636
91.007	23.05	3.6	-0.78	0	0	0	9.86	0	20.0319	0.0636
92.007	23.04	3.6	-0.78	0	0	0	9.59	0	20.7712	0.0636
93.007	23.04	3.6	-0.78	0	0	0	9.32	0	21.4879	0.0636
94.007	23.04	3.6	-0.78	0	0	0	9.05	0	22.1823	0.0636
95.007	23.03	3.6	-0.78	0	0	0	8.78	0	22.8545	0.0636
96.007	23.03	3.6	-0.78	0	0	0	8.52	0	23.5049	0.0636
97.007	23.02	3.6	-0.78	0	0	0	8.26	0	24.1338	0.0636
98.007	23.02	3.6	-0.78	0	0	0	8.01	0	24.7416	0.0636
99.007	23.01	3.6	-0.78	0	0	0	7.76	0	25.3286	0.0636
100.007	23.01	3.6	-0.78	0	0	0	7.52	0	25.8953	0.0636

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	23	3.6	-0.78	0	0	0	7.28	0	26.4422	0.0636
102.007	23	3.6	-0.78	0	0	0	7.05	0	26.9696	0.0636
103.007	22.99	3.6	-0.78	0	0	0	6.82	0	27.478	0.0636
104.007	22.99	3.6	-0.78	0	0	0	6.6	0	27.9679	0.0636
105.007	22.98	3.6	-0.78	0	0	0	6.38	0	28.4398	0.0636
106.007	22.97	3.6	-0.78	0	0	0	6.17	0	28.8942	0.0636
107.007	22.97	3.6	-0.78	0	0	0	5.97	0	29.3315	0.0636
108.007	22.96	3.6	-0.78	0	0	0	5.77	0	29.7523	0.0636
109.007	22.96	3.6	-0.78	0	0	0	5.58	0	30.1569	0.0636
110.007	22.95	3.6	-0.78	0	0	0	5.39	0	30.546	0.0636
111.007	22.94	3.6	-0.78	0	0	0	5.21	0	30.9198	0.0636
112.007	22.94	3.6	-0.78	0	0	0	5.04	0	31.279	0.0636
113.007	22.93	3.6	-0.78	0	0	0	4.87	0	31.624	0.0636
114.007	22.92	3.6	-0.78	0	0	0	4.7	0	31.9551	0.0636
115.007	22.92	3.6	-0.78	0	0	0	4.55	0	32.2728	0.0636
116.007	22.91	3.6	-0.78	0	0	0	4.39	0	32.5776	0.0636
117.007	22.9	3.6	-0.78	0	0	0	4.24	0	32.8699	0.0636
118.007	22.9	3.59	-0.78	0	0	0	4.15	0	33.1521	0.0636
119.007	22.89	3.56	-0.78	0	0	0	4.09	0	33.4282	0.0636
120.007	22.88	3.54	-0.78	0	0	0	4.04	0	33.6998	0.0636
121.007	22.87	3.51	-0.78	0	0	0	3.98	0	33.9667	0.0636
122.007	22.87	3.49	-0.78	0	0	0	3.93	0	34.2291	0.0636
123.007	22.86	3.46	-0.78	0	0	0	3.87	0	34.4868	0.0636
124.007	22.85	3.44	-0.78	0	0	0	3.81	0	34.7398	0.0636
125.007	22.84	3.41	-0.78	0	0	0	3.76	0	34.9882	0.0636
126.007	22.83	3.39	-0.78	0	0	0	3.7	0	35.2318	0.0636
127.007	22.82	3.36	-0.78	0	0	0	3.64	0	35.4707	0.0636
128.007	22.82	3.33	-0.78	0	0	0	3.58	0	35.7048	0.0636
129.007	22.81	3.3	-0.78	0	0	0	3.53	0	35.9341	0.0636
130.007	22.8	3.28	-0.78	0	0	0	3.47	0	36.1586	0.0636
131.007	22.79	3.25	-0.78	0	0	0	3.41	0	36.3783	0.0636
132.007	22.78	3.22	-0.78	0	0	0	3.35	0	36.5932	0.0636
133.007	22.77	3.19	-0.78	0	0	0	3.29	0	36.8032	0.0636
134.007	22.76	3.16	-0.78	0	0	0	3.23	0	37.0084	0.0636
135.007	22.75	3.13	-0.78	0	0	0	3.17	0	37.2086	0.0636
136.007	22.74	3.1	-0.78	0	0	0	3.11	0	37.404	0.0636
137.007	22.73	3.07	-0.78	0	0	0	3.06	0	37.5945	0.0636
138.007	22.72	3.04	-0.78	0	0	0	3	0	37.7801	0.0636
139.007	22.71	3	-0.78	0	0	0	2.94	0	37.9607	0.0636
140.007	22.7	2.97	-0.78	0	0	0	2.88	0	38.1365	0.0636
141.007	22.69	2.94	-0.78	0	0	0	2.86	0	38.309	0.0636
142.007	22.68	2.9	-0.78	0	0	0	2.85	0	38.4804	0.0636
143.007	22.67	2.87	-0.78	0	0	0	2.84	0	38.651	0.0636
144.007	22.66	2.84	-0.78	0	0	0	2.83	0	38.8208	0.0636
145.007	22.65	2.8	-0.78	0	0	0	2.82	0	38.9899	0.0636
146.007	22.64	2.76	-0.78	0	0	0	2.81	0	39.1583	0.0636
147.007	22.62	2.73	-0.78	0	0	0	2.81	0	39.326	0.0636
148.007	22.61	2.69	-0.78	0	0	0	2.8	0	39.4932	0.0636
149.007	22.6	2.65	-0.78	0	0	0	2.79	0	39.6598	0.0636
150.007	22.59	2.61	-0.78	0	0	0	2.79	0	39.826	0.0636
151.007	22.58	2.57	-0.78	0	0	0	2.78	0	39.9918	0.0636

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	22.56	2.53	-0.78	0	0	0	2.78	0	40.1572	0.0636
153.007	22.55	2.48	-0.78	0	0	0	2.78	0	40.3224	0.0636
154.007	22.54	2.44	-0.78	0	0	0	2.78	0	40.4875	0.0636
155.007	22.52	2.4	-0.78	0	0	0	2.78	0	40.6525	0.0636
156.007	22.51	2.35	-0.78	0	0	0	2.78	0	40.8176	0.0636
157.007	22.49	2.3	-0.78	0	0	0	2.78	0	40.9828	0.0636
158.007	22.48	2.25	-0.78	0	0	0	2.78	0	41.1482	0.0636
159.007	22.46	2.2	-0.78	0	0	0	2.79	0	41.3141	0.0636
160.007	22.44	2.15	-0.78	0	0	0	2.79	0	41.4803	0.0636
161.007	22.43	2.1	-0.78	0	0	0	2.8	0	41.647	0.0636
162.007	22.41	2.05	-0.78	0	0	0	2.8	0	41.814	0.0636
163.007	22.39	1.99	-0.78	0	0	0	2.81	0	41.9817	0.0636
164.007	22.38	1.93	-0.78	0	0	0	2.81	0	42.1496	0.0636
165.007	22.36	1.87	-0.78	0	0	0	2.79	0	42.3167	0.0636
166.007	22.34	1.81	-0.78	0	0	0	2.76	0	42.4818	0.0636
167.007	22.32	1.74	-0.78	0	0	0	2.7	0	42.643	0.0636
168.007	22.29	1.68	-0.78	0	0	0	2.6	0	42.7975	0.0636
169.007	22.27	1.61	-0.78	0	0	0	2.43	0	42.941	0.0636
170.007	22.25	1.53	-0.78	0	0	0	2.19	0	43.0678	0.0636
171.007	22.23	1.46	-0.78	0	0	0	1.87	0	43.1715	0.0636
172.007	22.2	1.37	-0.78	0	0	0	1.49	0	43.2459	0.0636
173.007	22.17	1.29	-0.78	0	0	0	1.09	0	43.2882	0.0636
174.007	22.14	1.19	-0.78	0	0	0	0.76	0	43.3002	0.0636
175.007	22.11	1.09	-0.78	0	0	0	0.34	0	43.281	0.0636
176.007	22.08	0.98	-0.78	0	0	0	0.34	0	43.2445	0.0636
177.007	22.04	0.85	-0.78	0	0	0	0.34	0	43.2084	0.0636
178.007	21.98	0.74	-0.78	0	0	0	0	0	43.1582	0.0636
179.007	21.89	0.74	-0.78	0	0	0	0	0	43.0937	0.0636
180.007	21.81	0.74	-0.78	0	0	0	0	0	43.0292	0.0636
181.007	21.72	0.74	-0.78	0	0	0	0	0	42.9648	0.0636
182.007	21.63	0.74	-0.78	0	0	0	0	0	42.9003	0.0636
183.007	21.54	0.74	-0.78	0	0	0	0	0	42.8359	0.0636
184.007	21.46	0.74	-0.78	0	0	0	0	0	42.7714	0.0636
185.007	21.4	0.74	-0.78	0	0	0	0	0	42.7069	0.0636
186.007	21.4	0.74	-0.78	0	0	0	0	0	42.6425	0.0636
187.007	21.4	0.74	-0.78	0	0	0	0	0	42.578	0.0636
188.007	21.4	0.74	-0.78	0	0	0	0	0	42.5135	0.0636
189.007	21.4	0.74	-0.78	0	0	0	0	0	42.4491	0.0636
190.007	21.4	0.74	-0.78	0	0	0	0	0	42.3846	0.0636
191.007	21.4	0.74	-0.78	0	0	0	0	0	42.3202	0.0636
192.007	21.4	0.74	-0.78	0	0	0	0	0	42.2557	0.0636
193.007	21.4	0.74	-0.78	0	0	0	0	0	42.1912	0.0636
194.007	21.4	0.74	-0.78	0	0	0	0	0	42.1268	0.0636
195.007	21.4	0.74	-0.78	0	0	0	0	0	42.0623	0.0636
196.007	21.4	0.74	-0.78	0	0	0	0	0	41.9978	0.0636
197.007	21.4	0.74	-0.78	0	0	0	0	0	41.9334	0.0636
198.007	21.4	0.74	-0.78	0	0	0	0	0	41.8689	0.0636
199.007	21.4	0.74	-0.78	0	0	0	0	0	41.8044	0.0636
200.007	21.4	0.74	-0.78	0	0	0	0	0	41.74	0.0636
201.007	21.4	0.74	-0.78	0	0	0	0	0	41.6755	0.0636
202.007	21.4	0.74	-0.78	0	0	0	0	0	41.6111	0.0636

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
203.007	21.4	0.74	-0.78	0	0	0	0	0	41.5466	0.0636
204.007	21.4	0.74	-0.78	0	0	0	0	0	41.4821	0.0636
205.007	21.4	0.74	-0.78	0	0	0	0	0	41.4177	0.0636
206.007	21.4	0.74	-0.78	0	0	0	0	0	41.3532	0.0636
207.007	21.4	0.74	-0.78	0	0	0	0	0	41.2887	0.0636
208.007	21.4	0.74	-0.78	0	0	0	0	0	41.2243	0.0636
209.007	21.4	0.74	-0.78	0	0	0	0	0	41.1598	0.0636
210.007	21.4	0.74	-0.78	0	0	0	0	0	41.0954	0.0636
211.007	21.4	0.74	-0.78	0	0	0	0	0	41.0309	0.0636
212.007	21.4	0.74	-0.78	0	0	0	0	0	40.9664	0.0636
213.007	21.4	0.74	-0.78	0	0	0	0	0	40.902	0.0636
214.007	21.4	0.74	-0.78	0	0	0	0	0	40.8375	0.0636
215.007	21.4	0.74	-0.78	0	0	0	0	0	40.773	0.0636
216.007	21.4	0.74	-0.78	0	0	0	0	0	40.7086	0.0636
217.007	21.4	0.74	-0.78	0	0	0	0	0	40.6441	0.0636
218.007	21.4	0.74	-0.78	0	0	0	0	0	40.5797	0.0636
219.007	21.4	0.74	-0.78	0	0	0	0	0	40.5152	0.0636
220.007	21.4	0.74	-0.78	0	0	0	0	0	40.4507	0.0636
221.007	21.4	0.74	-0.78	0	0	0	0	0	40.3863	0.0636
222.007	21.4	0.74	-0.78	0	0	0	0	0	40.3218	0.0636
223.007	21.4	0.74	-0.78	0	0	0	0	0	40.2573	0.0636
224.007	21.4	0.74	-0.78	0	0	0	0	0	40.1929	0.0636
225.007	21.4	0.74	-0.78	0	0	0	0	0	40.1284	0.0636
226.007	21.4	0.74	-0.78	0	0	0	0	0	40.064	0.0636
227.007	21.4	0.74	-0.78	0	0	0	0	0	39.9995	0.0636
228.007	21.4	0.74	-0.78	0	0	0	0	0	39.935	0.0636
229.007	21.4	0.74	-0.78	0	0	0	0	0	39.8706	0.0636
230.007	21.4	0.74	-0.78	0	0	0	0	0	39.8061	0.0636
231.007	21.4	0.74	-0.78	0	0	0	0	0	39.7416	0.0636
232.007	21.4	0.74	-0.78	0	0	0	0	0	39.6772	0.0636
233.007	21.4	0.74	-0.78	0	0	0	0	0	39.6127	0.0636
234.007	21.4	0.74	-0.78	0	0	0	0	0	39.5483	0.0636
235.007	21.4	0.74	-0.78	0	0	0	0	0	39.4838	0.0636
236.007	21.4	0.74	-0.78	0	0	0	0	0	39.4193	0.0636
237.007	21.4	0.74	-0.78	0	0	0	0	0	39.3549	0.0636
238.007	21.4	0.74	-0.78	0	0	0	0	0	39.2904	0.0636
239.007	21.4	0.74	-0.78	0	0	0	0	0	39.2259	0.0636
240.007	21.4	0.74	-0.78	0	0	0	0	0	39.1615	0.0636
241.007	21.4	0.74	-0.78	0	0	0	0	0	39.097	0.0636
242.007	21.4	0.74	-0.78	0	0	0	0	0	39.0325	0.0636
243.007	21.4	0.74	-0.78	0	0	0	0	0	38.9681	0.0636
244.007	21.4	0.74	-0.78	0	0	0	0	0	38.9036	0.0636
245.007	21.4	0.74	-0.78	0	0	0	0	0	38.8392	0.0636
246.007	21.4	0.74	-0.78	0	0	0	0	0	38.7747	0.0636
247.007	21.4	0.74	-0.78	0	0	0	0	0	38.7102	0.0636
248.007	21.4	0.74	-0.78	0	0	0	0	0	38.6458	0.0636
249.007	21.4	0.74	-0.78	0	0	0	0	0	38.5813	0.0636
250.007	21.4	0.74	-0.78	0	0	0	0	0	38.5168	0.0636
251.007	21.4	0.74	-0.78	0	0	0	0	0	38.4524	0.0636
252.007	21.4	0.74	-0.78	0	0	0	0	0	38.3879	0.0636
253.007	21.4	0.74	-0.78	0	0	0	0	0	38.3235	0.0636

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
254.007	21.4	0.74	-0.78	0	0	0	0	0	38.259	0.0636
255.007	21.4	0.74	-0.78	0	0	0	0	0	38.1945	0.0636
256.007	21.4	0.74	-0.78	0	0	0	0	0	38.1301	0.0636
257.007	21.4	0.74	-0.78	0	0	0	0	0	38.0656	0.0636
258.007	21.4	0.74	-0.78	0	0	0	0	0	38.0011	0.0636
259.007	21.4	0.74	-0.78	0	0	0	0	0	37.9367	0.0636
260.007	21.4	0.74	-0.78	0	0	0	0	0	37.8722	0.0636
261.007	21.4	0.74	-0.78	0	0	0	0	0	37.8078	0.0636
262.007	21.4	0.74	-0.78	0	0	0	0	0	37.7433	0.0636
263.007	21.4	0.74	-0.78	0	0	0	0	0	37.6788	0.0636
264.007	21.4	0.74	-0.78	0	0	0	0	0	37.6144	0.0636
265.007	21.4	0.74	-0.78	0	0	0	0	0	37.5499	0.0636
266.007	21.4	0.74	-0.78	0	0	0	0	0	37.4854	0.0636
267.007	21.4	0.74	-0.78	0	0	0	0	0	37.421	0.0636
268.007	21.4	0.74	-0.78	0	0	0	0	0	37.3565	0.0636
269.007	21.4	0.74	-0.78	0	0	0	0	0	37.2921	0.0636
270.007	21.4	0.74	-0.78	0	0	0	0	0	37.2276	0.0636
271.007	21.4	0.74	-0.78	0	0	0	0	0	37.1631	0.0636
272.007	21.4	0.74	-0.78	0	0	0	0	0	37.0987	0.0636
273.007	21.4	0.74	-0.78	0	0	0	0	0	37.0342	0.0636
274.007	21.4	0.74	-0.78	0	0	0	0	0	36.9697	0.0636
275.007	21.4	0.74	-0.78	0	0	0	0	0	36.9053	0.0636
276.007	21.4	0.74	-0.78	0	0	0	0	0	36.8408	0.0636
277.007	21.4	0.74	-0.78	0	0	0	0	0	36.7764	0.0636
278.007	21.4	0.74	-0.78	0	0	0	0	0	36.7119	0.0636
279.007	21.4	0.74	-0.78	0	0	0	0	0	36.6474	0.0636
280.007	21.4	0.74	-0.78	0	0	0	0	0	36.583	0.0636
281.007	21.4	0.74	-0.78	0	0	0	0	0	36.5185	0.0636
282.007	21.4	0.74	-0.78	0	0	0	0	0	36.454	0.0636
283.007	21.4	0.74	-0.78	0	0	0	0	0	36.3896	0.0636
284.007	21.4	0.74	-0.78	0	0	0	0	0	36.3251	0.0636
285.007	21.4	0.74	-0.78	0	0	0	0	0	36.2606	0.0636
286.007	21.4	0.74	-0.78	0	0	0	0	0	36.1962	0.0636
287.007	21.4	0.74	-0.78	0	0	0	0	0	36.1317	0.0636
288.007	21.4	0.74	-0.78	0	0	0	0	0	36.0673	0.0636
289.007	21.4	0.74	-0.78	0	0	0	0	0	36.0028	0.0636
290.007	21.4	0.74	-0.78	0	0	0	0	0	35.9383	0.0636
291.007	21.4	0.74	-0.78	0	0	0	0	0	35.8739	0.0636
292.007	21.4	0.74	-0.78	0	0	0	0	0	35.8094	0.0636
293.007	21.4	0.74	-0.78	0	0	0	0	0	35.7449	0.0636
294.007	21.4	0.74	-0.78	0	0	0	0	0	35.6805	0.0636
295.007	21.4	0.74	-0.78	0	0	0	0	0	35.616	0.0636
296.007	21.4	0.74	-0.78	0	0	0	0	0	35.5516	0.0636
297.007	21.4	0.74	-0.78	0	0	0	0	0	35.4871	0.0636
298.007	21.4	0.74	-0.78	0	0	0	0	0	35.4226	0.0636
299.007	21.4	0.74	-0.78	0	0	0	0	0	35.3582	0.0636
300.007	21.4	0.74	-0.78	0	0	0	0	0	35.2937	0.0636
301.007	21.4	0.74	-0.78	0	0	0	0	0	35.2292	0.0636
302.007	21.4	0.74	-0.78	0	0	0	0	0	35.1648	0.0636
303.007	21.4	0.74	-0.78	0	0	0	0	0	35.1003	0.0636
304.007	21.4	0.74	-0.78	0	0	0	0	0	35.0359	0.0636

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	21.4	0.74	-0.78	0	0	0	0	0	34.9714	0.0636
306.007	21.4	0.74	-0.78	0	0	0	0	0	34.9069	0.0636
307.007	21.4	0.74	-0.78	0	0	0	0	0	34.8425	0.0636
308.007	21.4	0.74	-0.78	0	0	0	0	0	34.778	0.0636
309.007	21.4	0.74	-0.78	0	0	0	0	0	34.7135	0.0636
310.007	21.4	0.74	-0.78	0	0	0	0	0	34.6491	0.0636
311.007	21.4	0.74	-0.78	0	0	0	0	0	34.5846	0.0636
312.007	21.4	0.74	-0.78	0	0	0	0	0	34.5202	0.0636
313.007	21.4	0.74	-0.78	0	0	0	0	0	34.4557	0.0636
314.007	21.4	0.74	-0.78	0	0	0	0	0	34.3912	0.0636
315.007	21.4	0.74	-0.78	0	0	0	0	0	34.3268	0.0636
316.007	21.4	0.74	-0.78	0	0	0	0	0	34.2623	0.0636
317.007	21.4	0.74	-0.78	0	0	0	0	0	34.1978	0.0636
318.007	21.4	0.74	-0.78	0	0	0	0	0	34.1334	0.0636
319.007	21.4	0.74	-0.78	0	0	0	0	0	34.0689	0.0636
320.007	21.4	0.74	-0.78	0	0	0	0	0	34.0045	0.0636
321.007	21.4	0.74	-0.78	0	0	0	0	0	33.94	0.0636
322.007	21.4	0.74	-0.78	0	0	0	0	0	33.8755	0.0636
323.007	21.4	0.74	-0.78	0	0	0	0	0	33.8111	0.0636
324.007	21.4	0.74	-0.78	0	0	0	0	0	33.7466	0.0636
325.007	21.4	0.74	-0.78	0	0	0	0	0	33.6821	0.0636
326.007	21.4	0.74	-0.78	0	0	0	0	0	33.6177	0.0636
327.007	21.4	0.74	-0.78	0	0	0	0	0	33.5532	0.0636
328.007	21.4	0.74	-0.78	0	0	0	0	0	33.4887	0.0636
329.007	21.4	0.74	-0.78	0	0	0	0	0	33.4243	0.0636
330.007	21.4	0.74	-0.78	0	0	0	0	0	33.3598	0.0636
331.007	21.4	0.74	-0.78	0	0	0	0	0	33.2954	0.0636
332.007	21.4	0.74	-0.78	0	0	0	0	0	33.2309	0.0636
333.007	21.4	0.74	-0.78	0	0	0	0	0	33.1664	0.0636
334.007	21.4	0.74	-0.78	0	0	0	0	0	33.102	0.0636
335.007	21.4	0.74	-0.78	0	0	0	0	0	33.0375	0.0636
336.007	21.4	0.74	-0.78	0	0	0	0	0	32.973	0.0636
336.016	21.4	0.74	-0.78	0	0	0	0	0	32.9725	0.0636

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	RP-W							
0	21.4	1.58	-0.78	0	0	0	0	0	0	0
1.012	21.4	1.58	-0.78	0	0	0	0	0	-0.0652	0
2.012	21.4	1.58	-0.78	0	0	0	0	0	-0.1297	0
3.012	21.4	1.58	-0.78	0	0	0	0	0	-0.1942	0
4.012	21.4	1.58	-0.78	0	0	0	0	0	-0.2586	0
5.012	21.4	1.58	-0.78	0	0	0	0	0	-0.3231	0
6.012	21.4	1.58	-0.78	0	0	0	0	0	-0.3875	0
7.012	21.4	1.58	-0.78	0	0	0	0	0	-0.452	0
8.012	21.4	1.58	-0.78	0	0	0	0	0	-0.5165	0
9.012	21.4	1.58	-0.78	0	0	0	0	0	-0.5809	0
10.012	21.4	1.58	-0.78	0	0	0	0	0	-0.6454	0
11.012	21.4	1.58	-0.78	0	0	0	0	0	-0.7099	0
12.012	21.4	1.58	-0.78	0	0	0	0	0	-0.7743	0
13.012	21.4	1.58	-0.78	0	0	0	0	0	-0.8388	0
14.012	21.4	1.58	-0.78	0	0	0	0	0	-0.9032	0
15.012	21.4	1.58	-0.78	0	0	0	0	0	-0.9677	0
16.012	21.4	1.58	-0.78	0	0	0	0	0	-1.0322	0
17.012	21.4	1.58	-0.78	0.01	0	0	0	0	-1.0961	0
18.012	21.4	1.58	-0.78	0.03	0	0	0	0	-1.159	0
19.012	21.4	1.58	-0.78	0.04	0	0	0	0	-1.2208	0
20.012	21.4	1.58	-0.78	0.05	0	0	0	0	-1.2816	0
21.012	21.4	1.58	-0.78	0.06	0	0	0	0	-1.3414	0
22.012	21.4	1.58	-0.78	0.07	0	0	0	0	-1.4001	0
23.012	21.4	1.58	-0.78	0.09	0	0	0	0	-1.458	0
24.012	21.4	1.58	-0.78	0.1	0	0	0	0	-1.5149	0
25.012	21.4	1.58	-0.78	0.16	0	0	0	0	-1.5687	0
26.012	21.4	1.58	-0.78	0.18	0	0	0	0	-1.6191	0
27.012	21.4	1.58	-0.78	0.2	0	0	0	0	-1.6678	0
28.012	21.4	1.58	-0.78	0.22	0	0	0	0	-1.7148	0
29.012	21.4	1.58	-0.78	0.24	0	0	0	0	-1.7604	0
30.012	21.4	1.58	-0.78	0.26	0	0	0	0	-1.8045	0
31.012	21.4	1.58	-0.78	0.27	0	0	0	0	-1.8472	0
32.012	21.4	1.58	-0.78	0.29	0	0	0	0	-1.8885	0
33.012	21.4	1.58	-0.78	0.3	0	0	0	0	-1.9286	0
34.012	21.4	1.58	-0.78	0.32	0	0	0	0	-1.9674	0
35.012	21.4	1.58	-0.78	0.33	0	0	0	0	-2.0051	0
36.012	21.4	1.58	-0.78	0.34	0	0	0	0	-2.0417	0
37.012	21.4	1.58	-0.78	0.36	0	0	0	0	-2.077	0
38.012	21.4	1.58	-0.78	0.37	0	0	0	0	-2.1112	0
39.012	21.4	1.58	-0.78	0.39	0	0	0	0	-2.1443	0
40.012	21.4	1.58	-0.78	0.4	0	0	0	0	-2.1765	0
41.012	21.4	1.58	-0.78	0.41	0	0	0	0	-2.2077	0
42.012	21.4	1.58	-0.78	0.42	0	0	0	0	-2.238	0
43.012	21.4	1.58	-0.78	0.43	0	0	0	0	-2.2675	0
44.012	21.4	1.58	-0.78	0.44	0	0	0	0	-2.2962	0
45.012	21.4	1.58	-0.78	0.45	0	0	0	0	-2.324	0
46.012	21.4	1.58	-0.78	0.46	0	0	0	0	-2.3511	0
47.012	21.4	1.58	-0.78	0.47	0	0	0	0	-2.3775	0
48.012	21.4	1.58	-0.78	0.47	0	0	0	0	-2.4031	0
49.012	21.4	1.58	-0.78	0.54	0	0	0	0	-2.4257	0

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	21.4	1.58	-0.78	0.56	0	0	0	0	-2.4449	0
51.012	21.4	1.58	-0.78	0.67	0	0	0	0	-2.4585	0
52.012	21.4	1.61	-0.78	0.75	0	0	0	0	-2.4641	0
53.012	21.41	1.61	-0.78	1	0	0	0	0	-2.4561	0
54.012	21.42	1.61	-0.78	1.26	0	0	0.01	0	-2.4267	0
55.012	21.46	1.62	-0.78	1.55	0	0	0.01	0	-2.3738	0
56.012	21.5	1.62	-0.78	1.86	0	0	0.03	0	-2.2953	0
57.012	21.57	1.62	-0.78	2.25	0	0	0.05	0	-2.1869	0
58.012	21.67	1.62	-0.78	2.96	0	0	0.08	0	-2.0312	0
59.012	21.82	1.62	-0.78	4.88	0	0	0.13	0	-1.7632	0
60.007	22.48	4.32	-0.78	46.48	0	0	0.6	5.26	0.3152	0.2164
61.007	22.84	5.6	-0.78	7.06	0	0	1.18	1.76	2.5367	0.5064
62.007	22.91	5.61	-0.78	3.94	0	0	1.29	1.34	3.0283	0.6343
63.007	22.95	5.61	-0.78	2.55	0	0	1.34	1.12	3.3406	0.736
64.007	22.98	5.61	-0.78	2.51	0	0	1.38	1.13	3.5976	0.8289
65.007	23	5.61	-0.78	1.51	0	0	1.41	0.97	3.8142	0.9157
66.007	23.02	5.61	-0.78	1.52	0	0	1.42	0.98	3.9918	0.9963
67.007	23.03	5.61	-0.78	1.52	0	0	1.44	1.22	4.1714	1.0872
68.007	23.05	5.62	-0.78	1.52	0	0	1.46	1.33	4.3524	1.1925
69.007	23.06	5.62	-0.78	1.01	0	0	1.46	1.25	4.5132	1.2991
70.007	23.07	5.62	-0.78	1.01	0	0	1.47	1.36	4.6535	1.4072
71.007	23.08	5.62	-0.78	1.02	0	0	1.47	15.41	4.7944	2.1004
72.007	23.09	5.62	-0.78	1.01	0	0	1.47	16.67	4.9356	3.4262
73.007	23.09	5.62	-0.78	0	0	0	1.47	16.27	5.0345	4.7875
74.007	23.09	5.62	-0.78	0	0	0	1.45	15.05	5.0903	6.0817
75.007	23.09	5.62	-0.78	0	0	0	1.42	13.7	5.1444	7.2697
76.007	23.09	5.62	-0.78	0	0	0	1.41	13.52	5.1969	8.3943
77.007	23.09	5.62	-0.78	0	0	0	1.39	13.34	5.2478	9.5043
78.007	23.09	5.62	-0.78	0	0	0	1.37	13.15	5.297	10.5992
79.007	23.08	5.62	-0.78	0	0	0	1.35	12.95	5.3447	11.678
80.007	23.08	5.62	-0.78	0	0	0	1.33	12.73	5.3907	12.7393
81.007	23.08	5.62	-0.78	0	0	0	1.31	12.5	5.4353	13.7822
82.007	23.08	5.62	-0.78	0	0	0	1.29	12.27	5.4783	14.8058
83.007	23.08	5.62	-0.78	0	0	0	1.27	12.02	5.5198	15.8093
84.007	23.07	5.62	-0.78	0	0	0	1.25	11.76	5.5597	16.7919
85.007	23.07	5.61	-0.78	0	0	0	1.24	11.5	5.5982	17.753
86.007	23.07	5.61	-0.78	0	0	0	1.22	11.23	5.6353	18.6924
87.007	23.06	5.61	-0.78	0	0	0	1.2	10.96	5.6708	19.6094
88.007	23.06	5.61	-0.78	0	0	0	1.18	10.69	5.705	20.504
89.007	23.06	5.61	-0.78	0	0	0	1.17	10.41	5.7377	21.3759
90.007	23.05	5.61	-0.78	0	0	0	1.15	10.14	5.769	22.2251
91.007	23.05	5.61	-0.78	0	0	0	1.13	9.86	5.7989	23.0515
92.007	23.05	5.61	-0.78	0	0	0	1.12	9.59	5.8275	23.8553
93.007	23.04	5.61	-0.78	0	0	0	1.1	9.32	5.8547	24.6364
94.007	23.04	5.61	-0.78	0	0	0	1.08	9.05	5.8805	25.3952
95.007	23.03	5.61	-0.78	0	0	0	1.07	8.78	5.9051	26.1319
96.007	23.03	5.61	-0.78	0	0	0	1.05	8.52	5.9283	26.8468
97.007	23.02	5.61	-0.78	0	0	0	1.04	8.26	5.9502	27.5402
98.007	23.02	5.61	-0.78	0	0	0	1.02	8.01	5.9708	28.2124
99.007	23.01	5.61	-0.78	0	0	0	1.01	7.76	5.9902	28.8639
100.007	23.01	5.61	-0.78	0	0	0	0.99	7.52	6.0083	29.4951

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	23	5.61	-0.78	0	0	0	0.98	7.28	6.0251	30.1064
102.007	23	5.61	-0.78	0	0	0	0.96	7.05	6.0407	30.6983
103.007	22.99	5.61	-0.78	0	0	0	0.95	6.82	6.0551	31.2711
104.007	22.99	5.61	-0.78	0	0	0	0.93	6.6	6.0683	31.8255
105.007	22.98	5.61	-0.78	0	0	0	0.92	6.38	6.0803	32.3619
106.007	22.98	5.61	-0.78	0	0	0	0.9	6.17	6.0911	32.8808
107.007	22.97	5.61	-0.78	0	0	0	0.89	5.97	6.1007	33.3825
108.007	22.96	5.61	-0.78	0	0	0	0.88	5.77	6.1092	33.8678
109.007	22.96	5.6	-0.78	0	0	0	0.86	5.58	6.1165	34.3369
110.007	22.95	5.6	-0.78	0	0	0	0.85	5.39	6.1227	34.7904
111.007	22.94	5.6	-0.78	0	0	0	0.83	5.21	6.1278	35.2287
112.007	22.94	5.6	-0.78	0	0	0	0.82	5.04	6.1318	35.6523
113.007	22.93	5.6	-0.78	0	0	0	0.81	4.87	6.1346	36.0617
114.007	22.92	5.6	-0.78	0	0	0	0.79	4.7	6.1364	36.4573
115.007	22.92	5.6	-0.78	0	0	0	0.78	4.55	6.1371	36.8395
116.007	22.91	5.6	-0.78	0	0	0	0.77	4.39	6.1368	37.2088
117.007	22.9	5.6	-0.78	0	0	0	0.76	4.24	6.1354	37.5655
118.007	22.9	5.6	-0.78	0	0	0	0.74	4.15	6.1329	37.9122
119.007	22.89	5.6	-0.78	0	0	0	0.73	4.09	6.1294	38.2528
120.007	22.88	5.6	-0.78	0	0	0	0.72	4.04	6.1249	38.5888
121.007	22.87	5.6	-0.78	0	0	0	0.71	3.98	6.1194	38.9202
122.007	22.87	5.6	-0.78	0	0	0	0.69	3.93	6.1128	39.247
123.007	22.86	5.6	-0.78	0	0	0	0.68	3.87	6.1053	39.5692
124.007	22.85	5.6	-0.78	0	0	0	0.67	3.81	6.0968	39.8867
125.007	22.84	5.6	-0.78	0	0	0	0.66	3.76	6.0873	40.1995
126.007	22.83	5.59	-0.78	0	0	0	0.65	3.7	6.0769	40.5076
127.007	22.82	5.59	-0.78	0	0	0	0.64	3.64	6.0655	40.8109
128.007	22.82	5.59	-0.78	0	0	0	0.62	3.58	6.0531	41.1095
129.007	22.81	5.59	-0.78	0	0	0	0.61	3.53	6.0398	41.4033
130.007	22.8	5.59	-0.78	0	0	0	0.6	3.47	6.0256	41.6923
131.007	22.79	5.59	-0.78	0	0	0	0.59	3.41	6.0105	41.9765
132.007	22.78	5.59	-0.78	0	0	0	0.58	3.35	5.9945	42.2558
133.007	22.77	5.59	-0.78	0	0	0	0.57	3.29	5.9776	42.5303
134.007	22.76	5.59	-0.78	0	0	0	0.56	3.23	5.9598	42.7999
135.007	22.75	5.59	-0.78	0	0	0	0.55	3.17	5.9411	43.0646
136.007	22.74	5.59	-0.78	0	0	0	0.54	3.11	5.9215	43.3245
137.007	22.73	5.59	-0.78	0	0	0	0.53	3.06	5.9011	43.5794
138.007	22.72	5.59	-0.78	0	0	0	0.52	3	5.8798	43.8294
139.007	22.71	5.59	-0.78	0	0	0	0.51	2.94	5.8577	44.0746
140.007	22.7	5.58	-0.78	0	0	0	0.5	2.88	5.8347	44.3148
141.007	22.69	5.53	-0.78	0	0	0	0.49	2.86	5.811	44.5518
142.007	22.68	5.47	-0.78	0	0	0	0.48	2.85	5.7864	44.7876
143.007	22.67	5.41	-0.78	0	0	0	0.47	2.84	5.7609	45.0226
144.007	22.66	5.35	-0.78	0	0	0	0.46	2.83	5.7347	45.2569
145.007	22.65	5.29	-0.78	0	0	0	0.45	2.82	5.7077	45.4904
146.007	22.64	5.22	-0.78	0	0	0	0.44	2.81	5.6799	45.7233
147.007	22.63	5.15	-0.78	0	0	0	0.43	2.81	5.6513	45.9555
148.007	22.61	5.09	-0.78	0	0	0	0.42	2.8	5.622	46.1872
149.007	22.6	5.02	-0.78	0	0	0	0.41	2.79	5.5919	46.4183
150.007	22.59	4.95	-0.78	0	0	0	0.4	2.79	5.561	46.6489
151.007	22.58	4.87	-0.78	0	0	0	0.39	2.78	5.5294	46.8791

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	22.56	4.8	-0.78	0	0	0	0.38	2.78	5.4971	47.1091
153.007	22.55	4.72	-0.78	0	0	0	0.38	2.78	5.464	47.3387
154.007	22.54	4.65	-0.78	0	0	0	0.37	2.78	5.4302	47.5683
155.007	22.52	4.57	-0.78	0	0	0	0.36	2.78	5.3957	47.7977
156.007	22.51	4.48	-0.78	0	0	0	0.35	2.78	5.3605	48.0272
157.007	22.49	4.4	-0.78	0	0	0	0.34	2.78	5.3246	48.2569
158.007	22.48	4.31	-0.78	0	0	0	0.33	2.78	5.288	48.4868
159.007	22.46	4.23	-0.78	0	0	0	0.33	2.79	5.2508	48.7171
160.007	22.45	4.13	-0.78	0	0	0	0.32	2.79	5.2128	48.9478
161.007	22.43	4.04	-0.78	0	0	0	0.31	2.8	5.1742	49.179
162.007	22.41	3.94	-0.78	0	0	0	0.3	2.8	5.135	49.4105
163.007	22.39	3.84	-0.78	0	0	0	0.29	2.81	5.0951	49.6426
164.007	22.38	3.74	-0.78	0	0	0	0.29	2.81	5.0546	49.8749
165.007	22.36	3.63	-0.78	0	0	0	0.28	2.79	5.0135	50.1065
166.007	22.34	3.52	-0.78	0	0	0	0.27	2.76	4.9718	50.3361
167.007	22.32	3.4	-0.78	0	0	0	0.26	2.7	4.9295	50.5618
168.007	22.3	3.28	-0.78	0	0	0	0.26	2.6	4.8866	50.7807
169.007	22.27	3.16	-0.78	0	0	0	0.25	2.43	4.8431	50.9887
170.007	22.25	3.03	-0.78	0	0	0	0.24	2.19	4.7991	51.18
171.007	22.23	2.89	-0.78	0	0	0	0.24	1.87	4.7544	51.3481*
172.007	22.2	2.74	-0.78	0	0	0	0.23	1.49	4.7092	51.487
173.007	22.17	2.59	-0.78	0	0	0	0.22	1.09	4.6634	51.5938
174.007	22.14	2.42	-0.78	0	0	0	0.22	0.76	4.6171	51.6702
175.007	22.11	2.24	-0.78	0	0	0	0.21	0.34	4.5703	51.7154
176.007	22.08	2.05	-0.78	0	0	0	0.2	0.34	4.523	51.7435
177.007	22.04	1.83	-0.78	0	0	0	0.2	0.34	4.4751	51.7718
178.007	22	1.62	-0.78	0	0	0	0.19	0	4.4267	51.786
179.007	21.97	1.62	-0.78	0	0	0	0.19	0	4.3778	51.786
180.007	21.94	1.62	-0.78	0	0	0	0.18	0	4.3283	51.786
181.007	21.9	1.62	-0.78	0	0	0	0.17	0	4.2784	51.786
182.007	21.87	1.62	-0.78	0	0	0	0.17	0	4.228	51.786
183.007	21.84	1.62	-0.78	0	0	0	0.16	0	4.1771	51.786
184.007	21.81	1.62	-0.78	0	0	0	0.16	0	4.1256	51.786
185.007	21.78	1.62	-0.78	0	0	0	0.15	0	4.0738	51.786
186.007	21.75	1.62	-0.78	0	0	0	0.14	0	4.0214	51.786
187.007	21.71	1.62	-0.78	0	0	0	0.14	0	3.9686	51.786
188.007	21.68	1.62	-0.78	0	0	0	0.13	0	3.9153	51.786
189.007	21.65	1.62	-0.78	0	0	0	0.13	0	3.8616	51.786
190.007	21.61	1.62	-0.78	0	0	0	0.12	0	3.8074	51.786
191.007	21.58	1.62	-0.78	0	0	0	0.12	0	3.7529	51.786
192.007	21.55	1.62	-0.78	0	0	0	0.11	0	3.6979	51.786
193.007	21.51	1.62	-0.78	0	0	0	0.11	0	3.6425	51.786
194.007	21.48	1.62	-0.78	0	0	0	0.1	0	3.5867	51.786
195.007	21.44	1.62	-0.78	0	0	0	0.1	0	3.5305	51.786
196.007	21.41	1.62	-0.78	0	0	0	0.09	0	3.474	51.786
197.007	21.4	1.62	-0.78	0	0	0	0.09	0	3.4171	51.786
198.007	21.4	1.62	-0.78	0	0	0	0.08	0	3.3598	51.786
199.007	21.4	1.62	-0.78	0	0	0	0.08	0	3.3022	51.786
200.007	21.4	1.62	-0.78	0	0	0	0.08	0	3.2442	51.786
201.007	21.4	1.62	-0.78	0	0	0	0.07	0	3.1859	51.786
202.007	21.4	1.62	-0.78	0	0	0	0.07	0	3.1273	51.786

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
203.007	21.4	1.62	-0.78	0	0	0	0.06	0	3.0683	51.786
204.007	21.4	1.62	-0.78	0	0	0	0.06	0	3.0091	51.786
205.007	21.4	1.62	-0.78	0	0	0	0.06	0	2.9495	51.786
206.007	21.4	1.62	-0.78	0	0	0	0.05	0	2.8896	51.786
207.007	21.4	1.62	-0.78	0	0	0	0.05	0	2.8295	51.786
208.007	21.4	1.62	-0.78	0	0	0	0.05	0	2.7691	51.786
209.007	21.4	1.62	-0.78	0	0	0	0.04	0	2.7084	51.786
210.007	21.4	1.62	-0.78	0	0	0	0.04	0	2.6475	51.786
211.007	21.4	1.62	-0.78	0	0	0	0.04	0	2.5863	51.786
212.007	21.4	1.62	-0.78	0	0	0	0.04	0	2.5249	51.786
213.007	21.4	1.61	-0.78	0	0	0	0.03	0	2.4633	51.786
214.007	21.4	1.61	-0.78	0	0	0	0.03	0	2.4014	51.786
215.007	21.4	1.61	-0.78	0	0	0	0.03	0	2.3393	51.786
216.007	21.4	1.61	-0.78	0	0	0	0.02	0	2.277	51.786
217.007	21.4	1.61	-0.78	0	0	0	0.02	0	2.2145	51.786
218.007	21.4	1.61	-0.78	0	0	0	0.02	0	2.1518	51.786
219.007	21.4	1.61	-0.78	0	0	0	0.02	0	2.0889	51.786
220.007	21.4	1.61	-0.78	0	0	0	0.02	0	2.0258	51.786
221.007	21.4	1.61	-0.78	0	0	0	0.01	0	1.9626	51.786
222.007	21.4	1.61	-0.78	0	0	0	0.01	0	1.8992	51.786
223.007	21.4	1.61	-0.78	0	0	0	0.01	0	1.8357	51.786
224.007	21.4	1.61	-0.78	0	0	0	0.01	0	1.772	51.786
225.007	21.4	1.61	-0.78	0	0	0	0.01	0	1.7082	51.786
226.007	21.4	1.61	-0.78	0	0	0	0.01	0	1.6443	51.786
227.007	21.4	1.61	-0.78	0	0	0	0	0	1.5803	51.786
228.007	21.4	1.61	-0.78	0	0	0	0	0	1.5162	51.786
229.007	21.4	1.61	-0.78	0	0	0	0	0	1.452	51.786
230.007	21.4	1.61	-0.78	0	0	0	0	0	1.3877	51.786
231.007	21.4	1.61	-0.78	0	0	0	0	0	1.3233	51.786
232.007	21.4	1.61	-0.78	0	0	0	0	0	1.2589	51.786
233.007	21.4	1.61	-0.78	0	0	0	0	0	1.1945	51.786
234.007	21.4	1.58	-0.78	0	0	0	0	0	1.13	51.786
235.007	21.4	1.58	-0.78	0	0	0	0	0	1.0655	51.786
236.007	21.4	1.58	-0.78	0	0	0	0	0	1.0011	51.786
237.007	21.4	1.58	-0.78	0	0	0	0	0	0.9366	51.786
238.007	21.4	1.58	-0.78	0	0	0	0	0	0.8721	51.786
239.007	21.4	1.58	-0.78	0	0	0	0	0	0.8077	51.786
240.007	21.4	1.58	-0.78	0	0	0	0	0	0.7432	51.786
241.007	21.4	1.58	-0.78	0	0	0	0	0	0.6788	51.786
242.007	21.4	1.58	-0.78	0	0	0	0	0	0.6143	51.786
243.007	21.4	1.58	-0.78	0	0	0	0	0	0.5498	51.786
244.007	21.4	1.58	-0.78	0	0	0	0	0	0.4854	51.786
245.007	21.4	1.58	-0.78	0	0	0	0	0	0.4209	51.786
246.007	21.4	1.58	-0.78	0	0	0	0	0	0.3564	51.786
247.007	21.4	1.58	-0.78	0	0	0	0	0	0.292	51.786
248.007	21.4	1.58	-0.78	0	0	0	0	0	0.2275	51.786
249.007	21.4	1.58	-0.78	0	0	0	0	0	0.1631	51.786
250.007	21.4	1.58	-0.78	0	0	0	0	0	0.0986	51.786
251.007	21.4	1.58	-0.78	0	0	0	0	0	0.0341	51.786
252.007	21.4	1.58	-0.78	0	0	0	0	0	-0.0303	51.786
253.007	21.4	1.58	-0.78	0	0	0	0	0	-0.0948	51.786

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
254.007	21.4	1.58	-0.78	0	0	0	0	0	-0.1593	51.786
255.007	21.4	1.58	-0.78	0	0	0	0	0	-0.2237	51.786
256.007	21.4	1.58	-0.78	0	0	0	0	0	-0.2882	51.786
257.007	21.4	1.58	-0.78	0	0	0	0	0	-0.3527	51.786
258.007	21.4	1.58	-0.78	0	0	0	0	0	-0.4171	51.786
259.007	21.4	1.58	-0.78	0	0	0	0	0	-0.4816	51.786
260.007	21.4	1.58	-0.78	0	0	0	0	0	-0.546	51.786
261.007	21.4	1.58	-0.78	0	0	0	0	0	-0.6105	51.786
262.007	21.4	1.58	-0.78	0	0	0	0	0	-0.675	51.786
263.007	21.4	1.58	-0.78	0	0	0	0	0	-0.7394	51.786
264.007	21.4	1.58	-0.78	0	0	0	0	0	-0.8039	51.786
265.007	21.4	1.58	-0.78	0	0	0	0	0	-0.8684	51.786
266.007	21.4	1.58	-0.78	0	0	0	0	0	-0.9328	51.786
267.007	21.4	1.58	-0.78	0	0	0	0	0	-0.9973	51.786
268.007	21.4	1.58	-0.78	0	0	0	0	0	-1.0617	51.786
269.007	21.4	1.58	-0.78	0	0	0	0	0	-1.1262	51.786
270.007	21.4	1.58	-0.78	0	0	0	0	0	-1.1907	51.786
271.007	21.4	1.58	-0.78	0	0	0	0	0	-1.2551	51.786
272.007	21.4	1.58	-0.78	0	0	0	0	0	-1.3196	51.786
273.007	21.4	1.58	-0.78	0	0	0	0	0	-1.3841	51.786
274.007	21.4	1.58	-0.78	0	0	0	0	0	-1.4485	51.786
275.007	21.4	1.58	-0.78	0	0	0	0	0	-1.513	51.786
276.007	21.4	1.58	-0.78	0	0	0	0	0	-1.5774	51.786
277.007	21.4	1.58	-0.78	0	0	0	0	0	-1.6419	51.786
278.007	21.4	1.58	-0.78	0	0	0	0	0	-1.7064	51.786
279.007	21.4	1.58	-0.78	0	0	0	0	0	-1.7708	51.786
280.007	21.4	1.58	-0.78	0	0	0	0	0	-1.8353	51.786
281.007	21.4	1.58	-0.78	0	0	0	0	0	-1.8998	51.786
282.007	21.4	1.58	-0.78	0	0	0	0	0	-1.9642	51.786
283.007	21.4	1.58	-0.78	0	0	0	0	0	-2.0287	51.786
284.007	21.4	1.58	-0.78	0	0	0	0	0	-2.0931	51.786
285.007	21.4	1.58	-0.78	0	0	0	0	0	-2.1576	51.786
286.007	21.4	1.58	-0.78	0	0	0	0	0	-2.2221	51.786
287.007	21.4	1.58	-0.78	0	0	0	0	0	-2.2865	51.786
288.007	21.4	1.58	-0.78	0	0	0	0	0	-2.351	51.786
289.007	21.4	1.58	-0.78	0	0	0	0	0	-2.4155	51.786
290.007	21.4	1.58	-0.78	0	0	0	0	0	-2.4799	51.786
291.007	21.4	1.58	-0.78	0	0	0	0	0	-2.5444	51.786
292.007	21.4	1.58	-0.78	0	0	0	0	0	-2.6088	51.786
293.007	21.4	1.58	-0.78	0	0	0	0	0	-2.6733	51.786
294.007	21.4	1.58	-0.78	0	0	0	0	0	-2.7378	51.786
295.007	21.4	1.58	-0.78	0	0	0	0	0	-2.8022	51.786
296.007	21.4	1.58	-0.78	0	0	0	0	0	-2.8667	51.786
297.007	21.4	1.58	-0.78	0	0	0	0	0	-2.9312	51.786
298.007	21.4	1.58	-0.78	0	0	0	0	0	-2.9956	51.786
299.007	21.4	1.58	-0.78	0	0	0	0	0	-3.0601	51.786
300.007	21.4	1.58	-0.78	0	0	0	0	0	-3.1246	51.786
301.007	21.4	1.58	-0.78	0	0	0	0	0	-3.189	51.786
302.007	21.4	1.58	-0.78	0	0	0	0	0	-3.2535	51.786
303.007	21.4	1.58	-0.78	0	0	0	0	0	-3.3179	51.786
304.007	21.4	1.58	-0.78	0	0	0	0	0	-3.3824	51.786

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	21.4	1.58	-0.78	0	0	0	0	0	-3.4469	51.786
306.007	21.4	1.58	-0.78	0	0	0	0	0	-3.5113	51.786
307.007	21.4	1.58	-0.78	0	0	0	0	0	-3.5758	51.786
308.007	21.4	1.58	-0.78	0	0	0	0	0	-3.6403	51.786
309.007	21.4	1.58	-0.78	0	0	0	0	0	-3.7047	51.786
310.007	21.4	1.58	-0.78	0	0	0	0	0	-3.7692	51.786
311.007	21.4	1.58	-0.78	0	0	0	0	0	-3.8336	51.786
312.007	21.4	1.58	-0.78	0	0	0	0	0	-3.8981	51.786
313.007	21.4	1.58	-0.78	0	0	0	0	0	-3.9626	51.786
314.007	21.4	1.58	-0.78	0	0	0	0	0	-4.027	51.786
315.007	21.4	1.58	-0.78	0	0	0	0	0	-4.0915	51.786
316.007	21.4	1.58	-0.78	0	0	0	0	0	-4.156	51.786
317.007	21.4	1.58	-0.78	0	0	0	0	0	-4.2204	51.786
318.007	21.4	1.58	-0.78	0	0	0	0	0	-4.2849	51.786
319.007	21.4	1.58	-0.78	0	0	0	0	0	-4.3493	51.786
320.007	21.4	1.58	-0.78	0	0	0	0	0	-4.4138	51.786
321.007	21.4	1.58	-0.78	0	0	0	0	0	-4.4783	51.786
322.007	21.4	1.58	-0.78	0	0	0	0	0	-4.5427	51.786
323.007	21.4	1.58	-0.78	0	0	0	0	0	-4.6072	51.786
324.007	21.4	1.58	-0.78	0	0	0	0	0	-4.6717	51.786
325.007	21.4	1.58	-0.78	0	0	0	0	0	-4.7361	51.786
326.007	21.4	1.58	-0.78	0	0	0	0	0	-4.8006	51.786
327.007	21.4	1.58	-0.78	0	0	0	0	0	-4.865	51.786
328.007	21.4	1.58	-0.78	0	0	0	0	0	-4.9295	51.786
329.007	21.4	1.58	-0.78	0	0	0	0	0	-4.994	51.786
330.007	21.4	1.58	-0.78	0	0	0	0	0	-5.0584	51.786
331.007	21.4	1.58	-0.78	0	0	0	0	0	-5.1229	51.786
332.007	21.4	1.58	-0.78	0	0	0	0	0	-5.1874	51.786
333.007	21.4	1.58	-0.78	0	0	0	0	0	-5.2518	51.786
334.007	21.4	1.58	-0.78	0	0	0	0	0	-5.3163	51.786
335.007	21.4	1.58	-0.78	0	0	0	0	0	-5.3808	51.786
336.007	21.4	1.58	-0.78	0	0	0	0	0	-5.4452	51.786
336.016	21.4	1.58	-0.78	0	0	0	0	0	-5.4457	51.786

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	TS1							
0	21.4	1.3	-0.78	0	0	0	0	0	0	0
1.012	21.4	1.3	-0.78	0	0	0	0	0	-0.0652	0
2.012	21.4	1.3	-0.78	0	0	0	0	0	-0.1297	0
3.012	21.4	1.3	-0.78	0	0	0	0	0	-0.1942	0
4.012	21.4	1.3	-0.78	0	0	0	0	0	-0.2584	0
5.012	21.4	1.3	-0.78	0.11	0	0	0	0	-0.3181	0
6.012	21.4	1.3	-0.78	0.22	0	0	0	0	-0.3688	0
7.012	21.4	1.3	-0.78	0.31	0	0	0	0	-0.4113	0
8.012	21.4	1.3	-0.78	0.39	0	0	0	0	-0.4465	0
9.012	21.4	1.3	-0.78	0.47	0	0	0	0	-0.4754	0
10.012	21.4	1.3	-0.78	0.53	0	0	0	0	-0.4987	0
11.012	21.4	1.3	-0.78	0.59	0	0	0	0	-0.5171	0
12.012	21.4	1.3	-0.78	0.64	0	0	0	0	-0.5312	0
13.012	21.4	1.3	-0.78	0.68	0	0	0	0	-0.5412	0
14.012	21.4	1.3	-0.78	0.72	0	0	0	0	-0.5478	0
15.012	21.4	1.3	-0.78	0.76	0	0	0	0	-0.5512	0
16.012	21.4	1.3	-0.78	0.79	0	0	0	0	-0.5518	0
17.012	21.4	1.3	-0.78	0.82	0	0	0	0	-0.5498	0
18.012	21.41	1.3	-0.78	0.85	0	0	0	0	-0.5454	0
19.012	21.41	1.3	-0.78	0.87	0	0	0	0	-0.5389	0
20.012	21.42	1.3	-0.78	0.89	0	0	0	0	-0.5304	0
21.012	21.42	1.31	-0.78	0.92	0	0	0	0	-0.5201	0
22.012	21.43	1.31	-0.78	0.93	0	0	0	0	-0.5081	0
23.012	21.44	1.31	-0.78	0.95	0	0	0	0	-0.4946	0
24.012	21.46	1.31	-0.78	0.97	0	0	0	0	-0.4795	0
25.012	21.48	1.32	-0.78	1.44	0	0	0	0	-0.4444	0
26.012	21.52	1.33	-0.78	1.46	0	0	0	0	-0.3891	0
27.012	21.57	1.33	-0.78	1.49	0	0	0	0	-0.3315	0
28.012	21.61	1.34	-0.78	1.51	0	0	0	0	-0.2719	0
29.012	21.66	1.35	-0.78	1.53	0	0	0	0	-0.2105	0
30.012	21.7	1.36	-0.78	1.55	0	0	0	0	-0.1474	0
31.012	21.75	1.37	-0.78	1.57	0	0	0	0	-0.0828	0
32.012	21.8	1.38	-0.78	1.59	0	0	0	0	-0.0169	0
33.012	21.85	1.39	-0.78	1.6	0	0	0	0	0.0504	0
34.012	21.9	1.4	-0.78	1.61	0	0	0	0	0.1187	0
35.012	21.95	1.41	-0.78	1.63	0	0	0	0	0.1882	0
36.012	22	1.42	-0.78	1.64	0	0	0	0	0.2587	0
37.012	22.05	1.43	-0.78	1.67	0	0	0	0	0.3308	0
38.012	22.1	1.44	-0.78	1.68	0	0	0	0	0.4044	0
39.012	22.15	1.45	-0.78	1.69	0	0	0	0	0.4788	0
40.012	22.2	1.46	-0.78	1.69	0	0	0	0	0.554	0
41.012	22.25	1.47	-0.78	1.7	0	0	0	0	0.6299	0
42.012	22.3	1.48	-0.78	1.71	0	0	0	0	0.7064	0
43.012	22.36	1.49	-0.78	1.72	0	0	0	0	0.7835	0
44.012	22.41	1.54	-0.78	1.72	0	0	0	0	0.8612	0
45.012	22.45	1.79	-0.78	1.73	0	0	0	0	0.9394	0
46.012	22.5	2	-0.78	1.74	0	0	0	0	1.0181	0
47.012	22.53	2.2	-0.78	1.74	0	0	0	0	1.0973	0
48.012	22.57	2.38	-0.78	1.75	0	0	0	0	1.177	0
49.012	22.6	2.57	-0.78	1.95	0	0	0	0	1.2652	0

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	22.64	2.76	-0.78	2	0	0	0	0	1.3637	0
51.012	22.68	2.97	-0.78	2.36	0	0	0	0	1.4794	0
52.012	22.73	3.23	-0.78	2.59	0	0	0	0	1.6197	0
53.012	22.78	3.51	-0.78	3.38	0	0	0	0	1.8022	0.0001
54.012	22.85	3.87	-0.78	4.18	0	0	0	0.01	2.0505	0.0005
55.012	22.93	4.27	-0.78	5.02	0	0	0	0.01	2.3664	0.0014
56.012	23.01	4.72	-0.78	5.86	0	0	0	0.03	2.7516	0.0031
57.012	23.1	5.21	-0.78	6.89	0	0	0	0.05	3.2141	0.0062
58.012	23.21	5.76	-0.78	8.82	0	0	0	0.08	3.7989	0.0114
59.012	23.34	6.47	-0.78	13.99	0	0	0	0.13	4.6772	0.02
60.007	23.93	13.05	-0.78	122.71	0	0	0	0.6	10.2355	0.0502
61.007	24.3	17.46	-0.78	17.84	0	0	0	1.18	15.9788	0.1238
62.007	24.35	18.11	-0.78	9.86	0	0	0	1.29	17.0588	0.2255
63.007	24.38	18.43	-0.78	6.37	0	0	0	1.34	17.6649	0.334
64.007	24.4	18.65	-0.78	6.23	0	0	0	1.38	18.1209	0.4466
65.007	24.41	18.8	-0.78	3.73	0	0	0	1.41	18.4681	0.5619
66.007	24.42	18.88	-0.78	3.76	0	0	0	1.42	18.7133	0.6789
67.007	24.43	18.96	-0.78	3.76	0	0	0	1.44	18.9598	0.7973
68.007	24.43	19.04	-0.78	3.75	0	0	0	1.46	19.2059	0.9169
69.007	24.44	19.09	-0.78	2.49	0	0	0	1.46	19.3994	1.0376
70.007	24.44	19.1	-0.78	2.49	0	0	0	1.47	19.5407	1.1587
71.007	24.44	19.11	-0.78	2.51	0	0	0	1.47	19.6827	1.2802
72.007	24.44	19.13	-0.78	2.49	0	0	0	1.47	19.8245	1.4019
73.007	24.43	19.07	-0.78	0	0	0	0	1.47	19.8627	1.5234
74.007	24.42	18.96	-0.78	0	0	0	0	1.45	19.7983	1.6437
75.007	24.42	18.84	-0.78	0	0	0	0	1.42	19.7338	1.7623
76.007	24.41	18.73	-0.78	0	0	0	0	1.41	19.6693	1.8792
77.007	24.4	18.61	-0.78	0	0	0	0	1.39	19.6049	1.9945
78.007	24.39	18.5	-0.78	0	0	0	0	1.37	19.5404	2.1082
79.007	24.38	18.39	-0.78	0	0	0	0	1.35	19.476	2.2204
80.007	24.37	18.27	-0.78	0	0	0	0	1.33	19.4115	2.3309
81.007	24.36	18.16	-0.78	0	0	0	0	1.31	19.347	2.4399
82.007	24.35	18.05	-0.78	0	0	0	0	1.29	19.2826	2.5474
83.007	24.34	17.93	-0.78	0	0	0	0	1.27	19.2181	2.6533
84.007	24.33	17.82	-0.78	0	0	0	0	1.25	19.1536	2.7578
85.007	24.32	17.71	-0.78	0	0	0	0	1.24	19.0892	2.8607
86.007	24.31	17.6	-0.78	0	0	0	0	1.22	19.0247	2.9622
87.007	24.3	17.49	-0.78	0	0	0	0	1.2	18.9603	3.0622
88.007	24.29	17.38	-0.78	0	0	0	0	1.18	18.8958	3.1608
89.007	24.28	17.26	-0.78	0	0	0	0	1.17	18.8313	3.258
90.007	24.27	17.15	-0.78	0	0	0	0	1.15	18.7669	3.3538
91.007	24.26	17.04	-0.78	0	0	0	0	1.13	18.7024	3.4482
92.007	24.25	16.93	-0.78	0	0	0	0	1.12	18.6379	3.5412
93.007	24.25	16.82	-0.78	0	0	0	0	1.1	18.5735	3.6329
94.007	24.24	16.71	-0.78	0	0	0	0	1.08	18.509	3.7232
95.007	24.23	16.6	-0.78	0	0	0	0	1.07	18.4445	3.8122
96.007	24.22	16.49	-0.78	0	0	0	0	1.05	18.3801	3.8998
97.007	24.21	16.38	-0.78	0	0	0	0	1.04	18.3156	3.9862
98.007	24.2	16.28	-0.78	0	0	0	0	1.02	18.2512	4.0713
99.007	24.19	16.17	-0.78	0	0	0	0	1.01	18.1867	4.1551
100.007	24.18	16.06	-0.78	0	0	0	0	0.99	18.1222	4.2377

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	24.17	15.95	-0.78	0	0	0	0	0.98	18.0578	4.319
102.007	24.16	15.84	-0.78	0	0	0	0	0.96	17.9933	4.3991
103.007	24.15	15.73	-0.78	0	0	0	0	0.95	17.9288	4.4779
104.007	24.14	15.63	-0.78	0	0	0	0	0.93	17.8644	4.5556
105.007	24.14	15.52	-0.78	0	0	0	0	0.92	17.7999	4.632
106.007	24.13	15.41	-0.78	0	0	0	0	0.9	17.7355	4.7073
107.007	24.12	15.3	-0.78	0	0	0	0	0.89	17.671	4.7814
108.007	24.11	15.2	-0.78	0	0	0	0	0.88	17.6065	4.8543
109.007	24.1	15.09	-0.78	0	0	0	0	0.86	17.5421	4.9261
110.007	24.09	14.98	-0.78	0	0	0	0	0.85	17.4776	4.9968
111.007	24.08	14.88	-0.78	0	0	0	0	0.83	17.4131	5.0663
112.007	24.07	14.77	-0.78	0	0	0	0	0.82	17.3487	5.1348
113.007	24.06	14.66	-0.78	0	0	0	0	0.81	17.2842	5.2021
114.007	24.05	14.56	-0.78	0	0	0	0	0.79	17.2198	5.2683
115.007	24.05	14.45	-0.78	0	0	0	0	0.78	17.1553	5.3335
116.007	24.04	14.34	-0.78	0	0	0	0	0.77	17.0908	5.3976
117.007	24.03	14.24	-0.78	0	0	0	0	0.76	17.0264	5.4606
118.007	24.02	14.13	-0.78	0	0	0	0	0.74	16.9619	5.5226
119.007	24.01	14.03	-0.78	0	0	0	0	0.73	16.8974	5.5836
120.007	24	13.92	-0.78	0	0	0	0	0.72	16.833	5.6436
121.007	23.99	13.81	-0.78	0	0	0	0	0.71	16.7685	5.7025
122.007	23.98	13.71	-0.78	0	0	0	0	0.69	16.7041	5.7604
123.007	23.97	13.6	-0.78	0	0	0	0	0.68	16.6396	5.8174
124.007	23.97	13.5	-0.78	0	0	0	0	0.67	16.5751	5.8733
125.007	23.96	13.39	-0.78	0	0	0	0	0.66	16.5107	5.9283
126.007	23.95	13.28	-0.78	0	0	0	0	0.65	16.4462	5.9823
127.007	23.94	13.18	-0.78	0	0	0	0	0.64	16.3817	6.0354
128.007	23.93	13.07	-0.78	0	0	0	0	0.62	16.3173	6.0875
129.007	23.92	12.97	-0.78	0	0	0	0	0.61	16.2528	6.1387
130.007	23.91	12.86	-0.78	0	0	0	0	0.6	16.1884	6.1889
131.007	23.9	12.76	-0.78	0	0	0	0	0.59	16.1239	6.2383
132.007	23.89	12.65	-0.78	0	0	0	0	0.58	16.0594	6.2867
133.007	23.89	12.54	-0.78	0	0	0	0	0.57	15.995	6.3343
134.007	23.88	12.44	-0.78	0	0	0	0	0.56	15.9305	6.3809
135.007	23.87	12.33	-0.78	0	0	0	0	0.55	15.866	6.4267
136.007	23.86	12.23	-0.78	0	0	0	0	0.54	15.8016	6.4716
137.007	23.85	12.12	-0.78	0	0	0	0	0.53	15.7371	6.5156
138.007	23.84	12.01	-0.78	0	0	0	0	0.52	15.6726	6.5588
139.007	23.83	11.91	-0.78	0	0	0	0	0.51	15.6082	6.6012
140.007	23.82	11.8	-0.78	0	0	0	0	0.5	15.5437	6.6427
141.007	23.81	11.7	-0.78	0	0	0	0	0.49	15.4793	6.6834
142.007	23.81	11.59	-0.78	0	0	0	0	0.48	15.4148	6.7232
143.007	23.8	11.48	-0.78	0	0	0	0	0.47	15.3503	6.7623
144.007	23.79	11.37	-0.78	0	0	0	0	0.46	15.2859	6.8005
145.007	23.78	11.27	-0.78	0	0	0	0	0.45	15.2214	6.838
146.007	23.77	11.16	-0.78	0	0	0	0	0.44	15.1569	6.8746
147.007	23.76	11.05	-0.78	0	0	0	0	0.43	15.0925	6.9105
148.007	23.75	10.94	-0.78	0	0	0	0	0.42	15.028	6.9456
149.007	23.74	10.84	-0.78	0	0	0	0	0.41	14.9636	6.98
150.007	23.73	10.73	-0.78	0	0	0	0	0.4	14.8991	7.0136
151.007	23.72	10.62	-0.78	0	0	0	0	0.39	14.8346	7.0465

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
152.007	23.71	10.51	-0.78	0	0	0	0	0.38	14.7702	7.0786
153.007	23.71	10.4	-0.78	0	0	0	0	0.38	14.7057	7.11
154.007	23.7	10.29	-0.78	0	0	0	0	0.37	14.6412	7.1406
155.007	23.69	10.18	-0.78	0	0	0	0	0.36	14.5768	7.1706
156.007	23.68	10.07	-0.78	0	0	0	0	0.35	14.5123	7.1998
157.007	23.67	9.96	-0.78	0	0	0	0	0.34	14.4479	7.2284
158.007	23.66	9.85	-0.78	0	0	0	0	0.33	14.3834	7.2563
159.007	23.65	9.74	-0.78	0	0	0	0	0.33	14.3189	7.2835
160.007	23.64	9.63	-0.78	0	0	0	0	0.32	14.2545	7.31
161.007	23.63	9.51	-0.78	0	0	0	0	0.31	14.19	7.3359
162.007	23.62	9.4	-0.78	0	0	0	0	0.3	14.1255	7.3611
163.007	23.61	9.29	-0.78	0	0	0	0	0.29	14.0611	7.3857
164.007	23.6	9.17	-0.78	0	0	0	0	0.29	13.9966	7.4097
165.007	23.59	9.06	-0.78	0	0	0	0	0.28	13.9322	7.433
166.007	23.58	8.94	-0.78	0	0	0	0	0.27	13.8677	7.4558
167.007	23.57	8.83	-0.78	0	0	0	0	0.26	13.8032	7.4779
168.007	23.56	8.71	-0.78	0	0	0	0	0.26	13.7388	7.4995
169.007	23.55	8.59	-0.78	0	0	0	0	0.25	13.6743	7.5205
170.007	23.54	8.47	-0.78	0	0	0	0	0.24	13.6098	7.5409
171.007	23.53	8.36	-0.78	0	0	0	0	0.24	13.5454	7.5607
172.007	23.52	8.24	-0.78	0	0	0	0	0.23	13.4809	7.5799
173.007	23.51	8.11	-0.78	0	0	0	0	0.22	13.4164	7.5986
174.007	23.5	7.99	-0.78	0	0	0	0	0.22	13.352	7.6168
175.007	23.49	7.87	-0.78	0	0	0	0	0.21	13.2875	7.6344
176.007	23.48	7.75	-0.78	0	0	0	0	0.2	13.2231	7.6515
177.007	23.47	7.62	-0.78	0	0	0	0	0.2	13.1586	7.6681
178.007	23.46	7.49	-0.78	0	0	0	0	0.19	13.0941	7.6842
179.007	23.45	7.37	-0.78	0	0	0	0	0.19	13.0297	7.6997
180.007	23.44	7.24	-0.78	0	0	0	0	0.18	12.9652	7.7148
181.007	23.43	7.1	-0.78	0	0	0	0	0.17	12.9007	7.7293
182.007	23.42	6.97	-0.78	0	0	0	0	0.17	12.8363	7.7433
183.007	23.41	6.84	-0.78	0	0	0	0	0.16	12.7718	7.7569
184.007	23.39	6.74	-0.78	0	0	0	0	0.16	12.7074	7.7699
185.007	23.38	6.68	-0.78	0	0	0	0	0.15	12.6429	7.7825
186.007	23.37	6.62	-0.78	0	0	0	0	0.14	12.5784	7.7946
187.007	23.36	6.56	-0.78	0	0	0	0	0.14	12.514	7.8063
188.007	23.35	6.49	-0.78	0	0	0	0	0.13	12.4495	7.8175
189.007	23.34	6.43	-0.78	0	0	0	0	0.13	12.385	7.8282
190.007	23.33	6.37	-0.78	0	0	0	0	0.12	12.3206	7.8385
191.007	23.31	6.31	-0.78	0	0	0	0	0.12	12.2561	7.8484
192.007	23.3	6.25	-0.78	0	0	0	0	0.11	12.1917	7.8579
193.007	23.29	6.19	-0.78	0	0	0	0	0.11	12.1272	7.867
194.007	23.28	6.12	-0.78	0	0	0	0	0.1	12.0627	7.8756
195.007	23.27	6.06	-0.78	0	0	0	0	0.1	11.9983	7.8839
196.007	23.25	6	-0.78	0	0	0	0	0.09	11.9338	7.8918
197.007	23.24	5.93	-0.78	0	0	0	0	0.09	11.8693	7.8994
198.007	23.23	5.87	-0.78	0	0	0	0	0.08	11.8049	7.9066
199.007	23.22	5.81	-0.78	0	0	0	0	0.08	11.7404	7.9134
200.007	23.21	5.74	-0.78	0	0	0	0	0.08	11.676	7.9199
201.007	23.19	5.68	-0.78	0	0	0	0	0.07	11.6115	7.926
202.007	23.18	5.61	-0.78	0	0	0	0	0.07	11.547	7.9319

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
203.007	23.17	5.55	-0.78	0	0	0	0	0.06	11.4826	7.9374
204.007	23.16	5.48	-0.78	0	0	0	0	0.06	11.4181	7.9426
205.007	23.14	5.41	-0.78	0	0	0	0	0.06	11.3536	7.9475
206.007	23.13	5.35	-0.78	0	0	0	0	0.05	11.2892	7.9521
207.007	23.12	5.28	-0.78	0	0	0	0	0.05	11.2247	7.9565
208.007	23.1	5.21	-0.78	0	0	0	0	0.05	11.1603	7.9605
209.007	23.09	5.14	-0.78	0	0	0	0	0.04	11.0958	7.9643
210.007	23.08	5.07	-0.78	0	0	0	0	0.04	11.0313	7.9678
211.007	23.06	5	-0.78	0	0	0	0	0.04	10.9669	7.9711
212.007	23.05	4.93	-0.78	0	0	0	0	0.04	10.9024	7.9742
213.007	23.04	4.85	-0.78	0	0	0	0	0.03	10.8379	7.977
214.007	23.02	4.78	-0.78	0	0	0	0	0.03	10.7735	7.9796
215.007	23.01	4.71	-0.78	0	0	0	0	0.03	10.709	7.9819
216.007	22.99	4.63	-0.78	0	0	0	0	0.02	10.6445	7.9841
217.007	22.98	4.56	-0.78	0	0	0	0	0.02	10.5801	7.986
218.007	22.97	4.48	-0.78	0	0	0	0	0.02	10.5156	7.9878
219.007	22.95	4.4	-0.78	0	0	0	0	0.02	10.4512	7.9894
220.007	22.94	4.32	-0.78	0	0	0	0	0.02	10.3867	7.9908
221.007	22.92	4.24	-0.78	0	0	0	0	0.01	10.3222	7.992
222.007	22.9	4.16	-0.78	0	0	0	0	0.01	10.2578	7.9931
223.007	22.89	4.08	-0.78	0	0	0	0	0.01	10.1933	7.9941
224.007	22.87	3.99	-0.78	0	0	0	0	0.01	10.1288	7.9948
225.007	22.86	3.91	-0.78	0	0	0	0	0.01	10.0644	7.9955
226.007	22.84	3.82	-0.78	0	0	0	0	0.01	9.9999	7.9961
227.007	22.82	3.73	-0.78	0	0	0	0	0	9.9355	7.9965
228.007	22.8	3.63	-0.78	0	0	0	0	0	9.871	7.9968
229.007	22.79	3.54	-0.78	0	0	0	0	0	9.8065	7.9971
230.007	22.77	3.44	-0.78	0	0	0	0	0	9.7421	7.9973
231.007	22.75	3.34	-0.78	0	0	0	0	0	9.6776	7.9974
232.007	22.73	3.24	-0.78	0	0	0	0	0	9.6131	7.9974
233.007	22.71	3.13	-0.78	0	0	0	0	0	9.5487	7.9974
234.007	22.69	3	-0.78	0	0	0	0	0	9.4842	7.9974
235.007	22.67	2.88	-0.78	0	0	0	0	0	9.4198	7.9974
236.007	22.64	2.76	-0.78	0	0	0	0	0	9.3553	7.9974
237.007	22.62	2.64	-0.78	0	0	0	0	0	9.2908	7.9974
238.007	22.59	2.51	-0.78	0	0	0	0	0	9.2264	7.9974
239.007	22.57	2.37	-0.78	0	0	0	0	0	9.1619	7.9974
240.007	22.54	2.23	-0.78	0	0	0	0	0	9.0974	7.9974
241.007	22.51	2.07	-0.78	0	0	0	0	0	9.033	7.9974
242.007	22.48	1.9	-0.78	0	0	0	0	0	8.9685	7.9974
243.007	22.44	1.72	-0.78	0	0	0	0	0	8.9041	7.9974
244.007	22.4	1.51	-0.78	0	0	0	0	0	8.8396	7.9974
245.007	22.36	1.49	-0.78	0	0	0	0	0	8.7751	7.9974
246.007	22.32	1.48	-0.78	0	0	0	0	0	8.7107	7.9974
247.007	22.27	1.48	-0.78	0	0	0	0	0	8.6462	7.9974
248.007	22.23	1.47	-0.78	0	0	0	0	0	8.5817	7.9974
249.007	22.18	1.46	-0.78	0	0	0	0	0	8.5173	7.9974
250.007	22.14	1.45	-0.78	0	0	0	0	0	8.4528	7.9974
251.007	22.09	1.44	-0.78	0	0	0	0	0	8.3884	7.9974
252.007	22.05	1.43	-0.78	0	0	0	0	0	8.3239	7.9974
253.007	22	1.42	-0.78	0	0	0	0	0	8.2594	7.9974

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Transfer Station 25-yr, 72-hr storm

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254.007	21.96	1.41	-0.78	0	0	0	0	0	8.195	7.9974
255.007	21.91	1.4	-0.78	0	0	0	0	0	8.1305	7.9974
256.007	21.87	1.39	-0.78	0	0	0	0	0	8.066	7.9974
257.007	21.82	1.39	-0.78	0	0	0	0	0	8.0016	7.9974
258.007	21.77	1.38	-0.78	0	0	0	0	0	7.9371	7.9974
259.007	21.73	1.37	-0.78	0	0	0	0	0	7.8726	7.9974
260.007	21.68	1.36	-0.78	0	0	0	0	0	7.8082	7.9974
261.007	21.63	1.35	-0.78	0	0	0	0	0	7.7437	7.9974
262.007	21.58	1.34	-0.78	0	0	0	0	0	7.6793	7.9974
263.007	21.54	1.33	-0.78	0	0	0	0	0	7.6148	7.9974
264.007	21.49	1.32	-0.78	0	0	0	0	0	7.5503	7.9974
265.007	21.44	1.31	-0.78	0	0	0	0	0	7.4859	7.9974
266.007	21.4	1.3	-0.78	0	0	0	0	0	7.4214	7.9974
267.007	21.4	1.3	-0.78	0	0	0	0	0	7.3569	7.9974
268.007	21.4	1.3	-0.78	0	0	0	0	0	7.2925	7.9974
269.007	21.4	1.3	-0.78	0	0	0	0	0	7.228	7.9974
270.007	21.4	1.3	-0.78	0	0	0	0	0	7.1636	7.9974
271.007	21.4	1.3	-0.78	0	0	0	0	0	7.0991	7.9974
272.007	21.4	1.3	-0.78	0	0	0	0	0	7.0346	7.9974
273.007	21.4	1.3	-0.78	0	0	0	0	0	6.9702	7.9974
274.007	21.4	1.3	-0.78	0	0	0	0	0	6.9057	7.9974
275.007	21.4	1.3	-0.78	0	0	0	0	0	6.8412	7.9974
276.007	21.4	1.3	-0.78	0	0	0	0	0	6.7768	7.9974
277.007	21.4	1.3	-0.78	0	0	0	0	0	6.7123	7.9974
278.007	21.4	1.3	-0.78	0	0	0	0	0	6.6479	7.9974
279.007	21.4	1.3	-0.78	0	0	0	0	0	6.5834	7.9974
280.007	21.4	1.3	-0.78	0	0	0	0	0	6.5189	7.9974
281.007	21.4	1.3	-0.78	0	0	0	0	0	6.4545	7.9974
282.007	21.4	1.3	-0.78	0	0	0	0	0	6.39	7.9974
283.007	21.4	1.3	-0.78	0	0	0	0	0	6.3255	7.9974
284.007	21.4	1.3	-0.78	0	0	0	0	0	6.2611	7.9974
285.007	21.4	1.3	-0.78	0	0	0	0	0	6.1966	7.9974
286.007	21.4	1.3	-0.78	0	0	0	0	0	6.1322	7.9974
287.007	21.4	1.3	-0.78	0	0	0	0	0	6.0677	7.9974
288.007	21.4	1.3	-0.78	0	0	0	0	0	6.0032	7.9974
289.007	21.4	1.3	-0.78	0	0	0	0	0	5.9388	7.9974
290.007	21.4	1.3	-0.78	0	0	0	0	0	5.8743	7.9974
291.007	21.4	1.3	-0.78	0	0	0	0	0	5.8098	7.9974
292.007	21.4	1.3	-0.78	0	0	0	0	0	5.7454	7.9974
293.007	21.4	1.3	-0.78	0	0	0	0	0	5.6809	7.9974
294.007	21.4	1.3	-0.78	0	0	0	0	0	5.6165	7.9974
295.007	21.4	1.3	-0.78	0	0	0	0	0	5.552	7.9974
296.007	21.4	1.3	-0.78	0	0	0	0	0	5.4875	7.9974
297.007	21.4	1.3	-0.78	0	0	0	0	0	5.4231	7.9974
298.007	21.4	1.3	-0.78	0	0	0	0	0	5.3586	7.9974
299.007	21.4	1.3	-0.78	0	0	0	0	0	5.2941	7.9974
300.007	21.4	1.3	-0.78	0	0	0	0	0	5.2297	7.9974
301.007	21.4	1.3	-0.78	0	0	0	0	0	5.1652	7.9974
302.007	21.4	1.3	-0.78	0	0	0	0	0	5.1007	7.9974
303.007	21.4	1.3	-0.78	0	0	0	0	0	5.0363	7.9974
304.007	21.4	1.3	-0.78	0	0	0	0	0	4.9718	7.9974

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
305.007	21.4	1.3	-0.78	0	0	0	0	0	4.9074	7.9974
306.007	21.4	1.3	-0.78	0	0	0	0	0	4.8429	7.9974
307.007	21.4	1.3	-0.78	0	0	0	0	0	4.7784	7.9974
308.007	21.4	1.3	-0.78	0	0	0	0	0	4.714	7.9974
309.007	21.4	1.3	-0.78	0	0	0	0	0	4.6495	7.9974
310.007	21.4	1.3	-0.78	0	0	0	0	0	4.585	7.9974
311.007	21.4	1.3	-0.78	0	0	0	0	0	4.5206	7.9974
312.007	21.4	1.3	-0.78	0	0	0	0	0	4.4561	7.9974
313.007	21.4	1.3	-0.78	0	0	0	0	0	4.3917	7.9974
314.007	21.4	1.3	-0.78	0	0	0	0	0	4.3272	7.9974
315.007	21.4	1.3	-0.78	0	0	0	0	0	4.2627	7.9974
316.007	21.4	1.3	-0.78	0	0	0	0	0	4.1983	7.9974
317.007	21.4	1.3	-0.78	0	0	0	0	0	4.1338	7.9974
318.007	21.4	1.3	-0.78	0	0	0	0	0	4.0693	7.9974
319.007	21.4	1.3	-0.78	0	0	0	0	0	4.0049	7.9974
320.007	21.4	1.3	-0.78	0	0	0	0	0	3.9404	7.9974
321.007	21.4	1.3	-0.78	0	0	0	0	0	3.876	7.9974
322.007	21.4	1.3	-0.78	0	0	0	0	0	3.8115	7.9974
323.007	21.4	1.3	-0.78	0	0	0	0	0	3.747	7.9974
324.007	21.4	1.3	-0.78	0	0	0	0	0	3.6826	7.9974
325.007	21.4	1.3	-0.78	0	0	0	0	0	3.6181	7.9974
326.007	21.4	1.3	-0.78	0	0	0	0	0	3.5536	7.9974
327.007	21.4	1.3	-0.78	0	0	0	0	0	3.4892	7.9974
328.007	21.4	1.3	-0.78	0	0	0	0	0	3.4247	7.9974
329.007	21.4	1.3	-0.78	0	0	0	0	0	3.3603	7.9974
330.007	21.4	1.3	-0.78	0	0	0	0	0	3.2958	7.9974
331.007	21.4	1.3	-0.78	0	0	0	0	0	3.2313	7.9974
332.007	21.4	1.3	-0.78	0	0	0	0	0	3.1669	7.9974
333.007	21.4	1.3	-0.78	0	0	0	0	0	3.1024	7.9974
334.007	21.4	1.3	-0.78	0	0	0	0	0	3.0379	7.9974
335.007	21.4	1.3	-0.78	0	0	0	0	0	2.9735	7.9974
336.007	21.4	1.3	-0.78	0	0	0	0	0	2.909	7.9974
336.016	21.4	1.3	-0.78	0	0	0	0	0	2.9085	7.9974

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
*** Group: BASE		Node:	WC-1							
0	22.4	0.14	0	0	0	0	0	0	0	0
1.012	22.4	0.14	0	0	0	0	0	0	0	0
2.012	22.4	0.14	0	0	0	0	0	0	0	0
3.012	22.4	0.14	0	0	0	0	0	0	0	0
4.012	22.4	0.14	0	0	0	0	0	0	0	0
5.012	22.4	0.14	0	0	0	0	0	0	0	0
6.012	22.4	0.14	0	0	0	0	0	0	0	0
7.012	22.4	0.14	0	0	0	0	0	0	0	0
8.012	22.4	0.14	0	0	0	0	0	0	0	0
9.012	22.4	0.14	0	0	0	0	0	0	0	0
10.012	22.4	0.14	0	0	0	0	0	0	0	0
11.012	22.4	0.14	0	0	0	0	0	0	0	0
12.012	22.4	0.14	0	0	0	0	0	0	0	0
13.012	22.4	0.14	0	0	0	0	0	0	0	0
14.012	22.4	0.14	0	0	0	0	0	0	0	0
15.012	22.4	0.14	0	0	0	0	0	0	0	0
16.012	22.4	0.14	0	0	0	0	0	0	0	0
17.012	22.4	0.14	0	0	0	0	0	0	0	0
18.012	22.4	0.14	0	0	0	0	0	0	0	0
19.012	22.4	0.14	0	0	0	0	0	0	0	0
20.012	22.4	0.14	0	0	0	0	0	0	0	0
21.012	22.4	0.14	0	0	0	0	0	0	0	0
22.012	22.4	0.14	0	0	0	0	0	0	0	0
23.012	22.4	0.14	0	0	0	0	0	0	0	0
24.012	22.4	0.15	0	0	0	0	0	0	0	0
25.012	22.4	0.15	0	0	0	0	0	0	0	0
26.012	22.4	0.15	0	0	0	0	0	0	0	0
27.012	22.4	0.15	0	0	0	0	0	0	0	0
28.012	22.4	0.15	0	0	0	0	0	0	0.0001	0
29.012	22.4	0.15	0	0	0	0	0	0	0.0002	0
30.012	22.4	0.15	0	0	0	0	0	0	0.0003	0
31.012	22.4	0.15	0	0	0	0	0	0	0.0004	0
32.012	22.4	0.15	0	0	0	0	0	0	0.0005	0
33.012	22.4	0.15	0	0	0	0	0	0	0.0006	0
34.012	22.41	0.15	0	0	0	0	0	0	0.0008	0
35.012	22.41	0.15	0	0	0	0	0	0	0.0009	0
36.012	22.41	0.15	0	0	0	0	0	0	0.0011	0
37.012	22.41	0.15	0	0	0	0	0	0	0.0013	0
38.012	22.41	0.15	0	0	0	0	0	0	0.0015	0
39.012	22.41	0.15	0	0	0	0	0	0	0.0018	0
40.012	22.41	0.15	0	0	0	0	0	0	0.002	0
41.012	22.42	0.15	0	0	0	0	0	0	0.0023	0
42.012	22.42	0.15	0	0	0	0	0	0	0.0025	0
43.012	22.42	0.15	0	0	0	0	0	0	0.0028	0
44.012	22.42	0.15	0	0	0	0	0	0	0.0031	0
45.012	22.42	0.15	0	0	0	0	0	0	0.0034	0
46.012	22.42	0.15	0	0	0	0	0	0	0.0037	0
47.012	22.43	0.15	0	0	0	0	0	0	0.004	0
48.012	22.43	0.15	0	0	0	0	0	0	0.0043	0
49.012	22.43	0.15	0	0	0	0	0	0	0.0047	0

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
50.012	22.43	0.15	0	0	0	0	0	0	0.0051	0
51.012	22.44	0.15	0	0.01	0	0	0	0	0.0056	0
52.012	22.44	0.15	0	0.01	0	0	0	0	0.0061	0
53.012	22.45	0.15	0	0.01	0	0	0	0	0.0067	0
54.012	22.45	0.15	0	0.01	0	0	0	0	0.0076	0
55.012	22.46	0.15	0	0.01	0	0	0	0	0.0087	0
56.012	22.47	0.15	0	0.02	0	0	0	0	0.0101	0
57.012	22.48	0.15	0	0.02	0	0	0	0	0.0118	0
58.012	22.49	0.15	0	0.03	0	0	0	0	0.0139	0
59.012	22.51	0.15	0	0.05	0	0	0	0	0.0173	0
60.007	22.67	0.15	0	0.52	0	0	0	0	0.0409	0
61.007	22.84	0.15	0	0.08	0	0	0.08	0	0.0691	0
62.007	22.91	0.15	0	0.05	0	0	0.04	0	0.0793	0
63.007	22.95	0.15	0	0.03	0	0	0.02	0	0.0852	0
64.007	22.98	0.15	0	0.03	0	0	0.02	0	0.0897	0
65.007	23	0.16	0	0.02	0	0	0.01	0	0.0933	0
66.007	23.02	0.16	0	0.02	0	0	0.01	0	0.096	0
67.007	23.03	0.16	0	0.02	0	0	0.03	0	0.0991	0
68.007	23.05	0.16	0	0.02	0	0	0.02	0	0.1026	0
69.007	23.06	0.16	0	0.01	0	0	0	0	0.1048	0
70.007	23.07	0.16	0	0.01	0	0	0	0	0.1058	0
71.007	23.08	0.16	0	0.01	0	0	0	0	0.1068	0
72.007	23.09	0.16	0	0.01	0	0	0	0	0.1078	0
73.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
74.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
75.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
76.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
77.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
78.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
79.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
80.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
81.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
82.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
83.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
84.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
85.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
86.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
87.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
88.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
89.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
90.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
91.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
92.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
93.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
94.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
95.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
96.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
97.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
98.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
99.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
100.007	23.1	0.16	0	0	0	0	0	0	0.1083	0

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
101.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
102.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
103.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
104.007	23.1	0.16	0	0	0	0	0	0	0.1083	0
105.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
106.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
107.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
108.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
109.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
110.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
111.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
112.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
113.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
114.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
115.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
116.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
117.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
118.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
119.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
120.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
121.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
122.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
123.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
124.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
125.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
126.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
127.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
128.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
129.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
130.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
131.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
132.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
133.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
134.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
135.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
136.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
137.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
138.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
139.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
140.007	23.1	0.15	0	0	0	0	0	0	0.1083	0

Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
141.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
142.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
143.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
144.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
145.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
146.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
147.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
148.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
149.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
150.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
151.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
152.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
153.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
154.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
155.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
156.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
157.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
158.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
159.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
160.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
161.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
162.007	23.1	0.15	0	0	0	0	0	0	0.1083	0
163.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
164.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
165.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
166.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
167.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
168.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
169.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
170.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
171.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
172.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
173.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
174.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
175.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
176.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
177.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
178.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
179.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
180.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
181.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
182.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
183.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
184.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
185.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
186.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
187.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
188.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
189.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
190.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
191.007	23.1	0.14	0	0	0	0	0	0	0.1083	0

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
192.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
193.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
194.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
195.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
196.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
197.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
198.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
199.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
200.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
201.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
202.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
203.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
204.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
205.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
206.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
207.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
208.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
209.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
210.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
211.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
212.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
213.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
214.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
215.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
216.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
217.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
218.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
219.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
220.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
221.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
222.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
223.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
224.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
225.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
226.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
227.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
228.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
229.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
230.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
231.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
232.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
233.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
234.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
235.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
236.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
237.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
238.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
239.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
240.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
241.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
242.007	23.1	0.14	0	0	0	0	0	0	0.1083	0

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
243.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
244.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
245.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
246.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
247.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
248.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
249.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
250.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
251.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
252.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
253.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
254.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
255.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
256.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
257.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
258.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
259.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
260.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
261.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
262.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
263.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
264.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
265.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
266.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
267.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
268.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
269.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
270.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
271.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
272.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
273.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
274.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
275.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
276.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
277.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
278.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
279.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
280.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
281.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
282.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
283.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
284.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
285.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
286.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
287.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
288.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
289.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
290.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
291.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
292.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
293.007	23.1	0.14	0	0	0	0	0	0	0.1083	0

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Transfer Station 25-yr, 72-hr storm

********** Node Time Series by Node - TS **********

Time (hrs)	Stage (ft)	Surface Ar.(ac)	Base Q (cfs)	Onsite (cfs)	Offsite (cfs)	Bndry Q (cfs)	Link Q (cfs)	Link Outflow (cfs)	Cumulative Volume In (ac.ft)	Cumulative Volume Out (ac.ft)
294.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
295.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
296.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
297.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
298.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
299.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
300.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
301.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
302.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
303.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
304.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
305.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
306.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
307.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
308.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
309.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
310.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
311.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
312.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
313.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
314.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
315.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
316.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
317.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
318.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
319.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
320.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
321.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
322.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
323.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
324.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
325.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
326.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
327.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
328.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
329.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
330.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
331.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
332.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
333.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
334.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
335.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
336.007	23.1	0.14	0	0	0	0	0	0	0.1083	0
336.016	23.1	0.14	0	0	0	0	0	0	0.1083	0

1. Clarification of Control Structure Operation

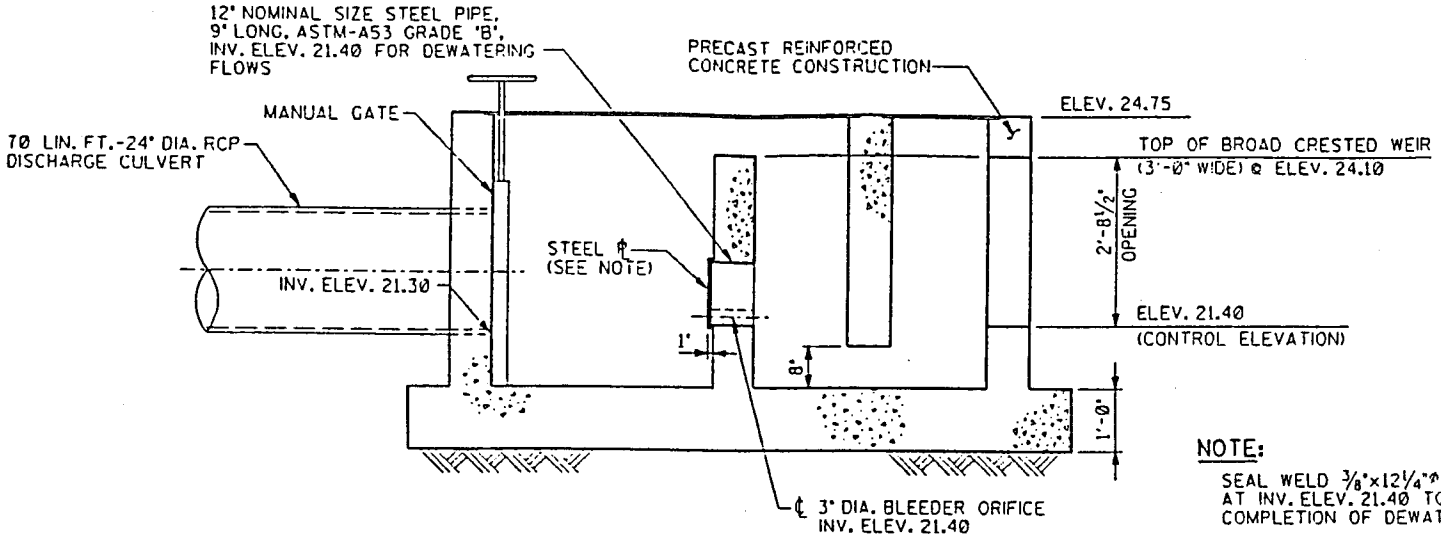
The existing control structure consists of a 36" broad-crested weir, a 3" bleed-down orifice, and a manual gate. During a storm event, water begins to flow through the bleeder orifice as soon as the retention pond surface elevation rises above the control elevation of 24.10 feet NGVD. Once the bleeder orifice is flowing full, the water level begins to rise up the face of the broad crested weir. If the water level rises higher than 24.10 feet NGVD (which would only occur in a storm event greater than 25-year), flow over the weir will occur. Conversely, after the storm event has ceased, flow over the weir will stop when the water surface elevation drops below 24.10 feet NGVD. The bleeder orifice will stop discharging when the water surface elevation returns to the control elevation of 21.40 feet NGVD.

For design purposes, the gate is assumed to be open at all times, allowing stormwater to be discharged from detention pond #3 into the wetlands that lie directly east of the control structure. A copy of the control structure detail drawing is attached for your review.

2. Storm Routing Model

Enclosed please find the routing model for the RMFP project. The model was constructed from the SFWMD Permit Information Manual and was run for a period of 14 days (336 hours).

The existing 3" bleeder orifice on the control structure was found to be insufficient for the expected stormwater flows, so the orifice diameter will be increased to 8 inches (see note on control structure detail drawing). Using an 8" bleeder orifice, the model indicates that the detention pond elevation behind the control structure will return to 21.58 feet NGVD within 14 days, just slightly above the control elevation of 21.40 feet NGVD. Peak discharge through the orifice was calculated at 2.46 cfs, well below the allowable discharge of 3.3 cfs. A printout of the model data, formulas, and derivations, along with the previously submitted stormwater calculations, has been attached for your review.



NOTE:

SEAL WELD ⅜"x12¼"⌀ ⅊ (ASTM-A36) WITH 3" ⌀ HOLE AT INV. ELEV. 21.40 TO 12" STEEL PIPE AFTER COMPLETION OF DEWATERING WORK.

CONTROL STRUCTURE DETAILS

Note: The existing 3" bleeder orifice will be increased to 8".

Malcolm Pirnie, Inc.

Stormwater Flow Model (72-hr)

Project: Lee County RMPF

Input Data	
Project Area (ac):	57.40
24-hr Rainfall Amount (in):	7.20
Soil Storage, S (in):	1.16
Control Elevation (ft):	21.40
Termination Elevation (ft):	21.58
Time Increment (hrs):	1.00
Distribution Type:	SFWMD

Control Structure Information			
Weir Information		Orifice Information	
Type:	Broad-crested	Type:	Circular
C value:	3.13	C value:	0.60
Elevation:	24.10	Elevation:	21.40
Length (ft)	3.00	Diam. (in):	8.00
		Area (sq. ft.)	0.349

Basin Characteristics

Basin 1 + RMPF							
Stage (ft)	21.40	22.00	23.00	23.20			
Storage (acre-ft)	0.00	3.10	9.70	12.60			

Basin 2							
Stage (ft)	21.40	22.00	23.00	23.20			
Storage (acre-ft)	0.00	1.40	3.60	4.60			

Combined							
Stage (ft)	23.20	24.00	25.00				
Storage (acre-ft)	17.20	39.80	84.00				

Notes

Reservoir volume prior to hour 169 is total basin storage volume over the entire site.
After hour 169, volume consists of storage volume in detention pond # 3 only.

	BASINS				RESERVOIR				
Time (hr)	Rainfall (in)	Accum. Runoff (in)	Basin discharge (cfs)	Accum. Inflow (acre-ft)	Volume (acre-ft)	Accum Outflow (acre-ft)	Instant. Discharge (cfs)	Stage (ft)	Comments
0.00	0.00	0.00	0.00	0.00	0.00	0.00000	0.00000	21.400	
1.00	0.04	0.00	0.00	0.00	0.00	0.00000	0.00000	21.400	
2.00	0.09	0.00	0.00	0.00	0.00	0.00000	0.00000	21.400	
3.00	0.13	0.00	0.00	0.00	0.00	0.00000	0.00000	21.400	
4.00	0.17	0.00	0.00	0.00	0.00	0.00000	0.00000	21.400	
5.00	0.22	0.00	0.00	0.00	0.00	0.00000	0.00000	21.400	
6.00	0.26	0.00	0.00	0.00	0.00	0.00000	0.00000	21.400	
7.00	0.31	0.00	0.00	0.00	0.00	0.00000	0.00000	21.400	
8.00	0.35	0.01	0.00	0.05	0.05	0.00002	0.00019	21.407	orifice partial flow
9.00	0.40	0.02	0.00	0.10	0.10	0.00005	0.00057	21.413	
10.00	0.44	0.03	0.00	0.15	0.15	0.00011	0.00130	21.420	
11.00	0.48	0.04	0.00	0.21	0.21	0.00032	0.00251	21.429	
12.00	0.53	0.06	0.00	0.28	0.28	0.00067	0.00434	21.438	
13.00	0.57	0.08	0.00	0.36	0.36	0.00124	0.00691	21.449	
14.00	0.61	0.09	0.00	0.45	0.45	0.00210	0.01033	21.460	
15.00	0.66	0.11	0.00	0.54	0.54	0.00332	0.01473	21.473	
16.00	0.70	0.13	0.00	0.64	0.64	0.00498	0.02020	21.486	
17.00	0.74	0.16	0.00	0.74	0.74	0.00720	0.02683	21.500	
18.00	0.79	0.18	0.00	0.87	0.86	0.01019	0.03617	21.517	
19.00	0.84	0.21	0.00	0.99	0.98	0.01396	0.04558	21.532	
20.00	0.88	0.23	0.00	1.11	1.09	0.01862	0.05637	21.548	
21.00	0.92	0.26	0.00	1.23	1.21	0.02429	0.06858	21.564	
22.00	0.96	0.28	0.00	1.36	1.33	0.03108	0.08225	21.580	
23.00	1.01	0.31	0.00	1.49	1.46	0.03913	0.09739	21.597	
24.00	1.05	0.34	0.00	1.62	1.58	0.04856	0.11402	21.614	
25.00	1.12	0.38	0.00	1.83	1.78	0.06034	0.14256	21.641	
26.00	1.18	0.43	0.00	2.04	1.98	0.07478	0.17476	21.668	
27.00	1.25	0.47	0.00	2.26	2.19	0.09219	0.21062	21.695	
28.00	1.31	0.52	0.00	2.49	2.39	0.11285	0.25008	21.723	
29.00	1.37	0.56	0.00	2.69	2.58	0.13662	0.28761	21.748	
30.00	1.43	0.61	0.00	2.92	2.78	0.16419	0.33362	21.776	
31.00	1.50	0.66	0.00	3.16	2.99	0.19584	0.38293	21.805	
32.00	1.56	0.71	0.00	3.40	3.20	0.23182	0.43537	21.833	
33.00	1.63	0.76	0.00	3.64	3.41	0.27238	0.49076	21.861	
34.00	1.69	0.81	0.00	3.89	3.62	0.31774	0.54889	21.889	
35.00	1.76	0.87	0.00	4.14	3.82	0.36812	0.60956	21.917	
36.00	1.81	0.91	0.00	4.37	4.00	0.42296	0.66357	21.940	
37.00	1.88	0.97	0.00	4.62	4.20	0.48316	0.72835	21.968	
38.00	1.94	1.02	0.00	4.88	4.40	0.54886	0.79498	21.994	stage equation change
39.00	2.01	1.07	0.00	5.14	4.59	0.63340	1.02296	22.103	orifice full flow
40.00	2.07	1.13	0.00	5.40	4.77	0.72586	1.11883	22.175	
41.00	2.14	1.19	0.00	5.67	4.94	0.82330	1.17896	22.224	
42.00	2.20	1.24	0.00	5.94	5.11	0.92455	1.22520	22.263	
43.00	2.27	1.30	0.00	6.20	5.28	1.02898	1.26358	22.297	
44.00	2.33	1.35	0.00	6.47	5.45	1.13615	1.29677	22.327	
45.00	2.39	1.40	0.00	6.72	5.58	1.24533	1.32102	22.350	
46.00	2.46	1.46	0.00	6.99	5.74	1.35675	1.34814	22.375	
47.00	2.52	1.52	0.00	7.26	5.91	1.47021	1.37290	22.399	
48.00	2.58	1.58	0.00	7.54	6.07	1.58556	1.39577	22.421	

	BASINS				RESERVOIR				
Time (hr)	Rainfall (in)	Accum. Runoff (in)	Basin discharge (cfs)	Accum. Inflow (acre-ft)	Volume (acre-ft)	Accum Outflow (acre-ft)	Instant. Discharge (cfs)	Stage (ft)	Comments
49.00	2.66	1.64	0.00	7.85	6.26	1.70300	1.42098	22.446	
50.00	2.73	1.70	0.00	8.15	6.45	1.82237	1.44436	22.470	
51.00	2.82	1.78	0.00	8.53	6.70	1.94411	1.47306	22.500	
52.00	2.91	1.87	0.00	8.93	6.99	2.06830	1.50274	22.531	
53.00	3.03	1.98	0.00	9.47	7.40	2.19572	1.54178	22.573	
54.00	3.18	2.12	0.00	10.13	7.93	2.32693	1.58766	22.624	
55.00	3.36	2.28	0.00	10.93	8.60	2.46232	1.63823	22.681	
56.00	3.57	2.48	0.00	11.85	9.39	2.60214	1.69181	22.744	
57.00	3.82	2.71	0.00	12.95	10.35	2.74669	1.74904	22.814	
58.00	4.12	2.99	0.00	14.32	11.57	2.89655	1.81331	22.895	
59.00	4.52	3.38	0.00	16.15	13.25	3.05278	1.89041	22.996	
60.00	7.31	6.08	0.00	29.08	26.03	3.24078	2.27475	23.561	
61.00	8.11	6.86	0.00	32.83	29.59	3.43506	2.35084	23.685	
62.00	8.47	7.23	0.00	34.56	31.13	3.63186	2.38121	23.736	
63.00	8.70	7.45	0.00	35.65	32.02	3.83006	2.39823	23.765	
64.00	8.92	7.67	0.00	36.67	32.84	4.02953	2.41359	23.791	
65.00	9.05	7.79	0.00	37.28	33.25	4.22963	2.42119	23.804	
66.00	9.18	7.92	0.00	37.89	33.66	4.43034	2.42870	23.817	
67.00	9.31	8.05	0.00	38.50	34.07	4.63168	2.43612	23.830	
68.00	9.44	8.18	0.00	39.11	34.48	4.83362	2.44347	23.842	
69.00	9.53	8.26	0.00	39.52	34.69	5.03586	2.44713	23.849	
70.00	9.61	8.35	0.00	39.93	34.89	5.23840	2.45077	23.855	
71.00	9.70	8.43	0.00	40.34	35.10	5.44124	2.45438	23.861	
72.00	9.78	8.52	0.00	40.75	35.31	5.64438	2.45798	23.867	
73.00	9.78	8.52	0.00	40.75	35.10	5.84723	2.45443	23.861	
74.00	9.78	8.52	0.00	40.75	34.90	6.04978	2.45086	23.855	
75.00	9.78	8.52	0.00	40.75	34.70	6.25203	2.44728	23.849	
76.00	9.78	8.52	0.00	40.75	34.49	6.45399	2.44369	23.843	
77.00	9.78	8.52	0.00	40.75	34.29	6.65565	2.44009	23.836	
78.00	9.78	8.52	0.00	40.75	34.09	6.85701	2.43648	23.830	
79.00	9.78	8.52	0.00	40.75	33.89	7.05808	2.43285	23.824	
80.00	9.78	8.52	0.00	40.75	33.69	7.25884	2.42921	23.818	
81.00	9.78	8.52	0.00	40.75	33.49	7.45930	2.42556	23.812	
82.00	9.78	8.52	0.00	40.75	33.29	7.65945	2.42190	23.805	
83.00	9.78	8.52	0.00	40.75	33.09	7.85931	2.41822	23.799	
84.00	9.78	8.52	0.00	40.75	32.89	8.05886	2.41453	23.793	
85.00	9.78	8.52	0.00	40.75	32.69	8.25810	2.41083	23.786	
86.00	9.78	8.52	0.00	40.75	32.49	8.45703	2.40711	23.780	
87.00	9.78	8.52	0.00	40.75	32.29	8.65566	2.40339	23.774	
88.00	9.78	8.52	0.00	40.75	32.09	8.85398	2.39964	23.767	
89.00	9.78	8.52	0.00	40.75	31.89	9.05198	2.39589	23.761	
90.00	9.78	8.52	0.00	40.75	31.69	9.24968	2.39212	23.755	
91.00	9.78	8.52	0.00	40.75	31.50	9.44706	2.38834	23.748	
92.00	9.78	8.52	0.00	40.75	31.30	9.64413	2.38454	23.742	
93.00	9.78	8.52	0.00	40.75	31.10	9.84089	2.38073	23.735	
94.00	9.78	8.52	0.00	40.75	30.91	10.03733	2.37690	23.729	
95.00	9.78	8.52	0.00	40.75	30.71	10.23345	2.37306	23.723	
96.00	9.78	8.52	0.00	40.75	30.51	10.42925	2.36921	23.716	
97.00	9.78	8.52	0.00	40.75	30.32	10.62473	2.36534	23.710	

	BASINS				RESERVOIR				
Time (hr)	Rainfall (in)	Accum. Runoff (in)	Basin discharge (cfs)	Accum. Inflow (acre-ft)	Volume (acre-ft)	Accum Outflow (acre-ft)	Instant. Discharge (cfs)	Stage (ft)	Comments
98.00	9.78	8.52	0.00	40.75	30.12	10.81989	2.36146	23.703	
99.00	9.78	8.52	0.00	40.75	29.93	11.01473	2.35756	23.697	
100.00	9.78	8.52	0.00	40.75	29.73	11.20925	2.35365	23.690	
101.00	9.78	8.52	0.00	40.75	29.54	11.40344	2.34972	23.684	
102.00	9.78	8.52	0.00	40.75	29.34	11.59731	2.34577	23.677	
103.00	9.78	8.52	0.00	40.75	29.15	11.79084	2.34181	23.670	
104.00	9.78	8.52	0.00	40.75	28.96	11.98405	2.33784	23.664	
105.00	9.78	8.52	0.00	40.75	28.76	12.17693	2.33385	23.657	
106.00	9.78	8.52	0.00	40.75	28.57	12.36948	2.32984	23.651	
107.00	9.78	8.52	0.00	40.75	28.38	12.56170	2.32582	23.644	
108.00	9.78	8.52	0.00	40.75	28.18	12.75358	2.32178	23.637	
109.00	9.78	8.52	0.00	40.75	27.99	12.94513	2.31773	23.631	
110.00	9.78	8.52	0.00	40.75	27.80	13.13634	2.31366	23.624	
111.00	9.78	8.52	0.00	40.75	27.61	13.32721	2.30957	23.617	
112.00	9.78	8.52	0.00	40.75	27.42	13.51775	2.30546	23.611	
113.00	9.78	8.52	0.00	40.75	27.23	13.70794	2.30134	23.604	
114.00	9.78	8.52	0.00	40.75	27.04	13.89779	2.29720	23.597	
115.00	9.78	8.52	0.00	40.75	26.85	14.08730	2.29304	23.591	
116.00	9.78	8.52	0.00	40.75	26.66	14.27646	2.28887	23.584	
117.00	9.78	8.52	0.00	40.75	26.47	14.46528	2.28468	23.577	
118.00	9.78	8.52	0.00	40.75	26.28	14.65375	2.28046	23.570	
119.00	9.78	8.52	0.00	40.75	26.09	14.84187	2.27623	23.563	
120.00	9.78	8.52	0.00	40.75	25.90	15.02963	2.27199	23.557	
121.00	9.78	8.52	0.00	40.75	25.72	15.21705	2.26772	23.550	
122.00	9.78	8.52	0.00	40.75	25.53	15.40411	2.26344	23.543	
123.00	9.78	8.52	0.00	40.75	25.34	15.59082	2.25913	23.536	
124.00	9.78	8.52	0.00	40.75	25.16	15.77716	2.25481	23.529	
125.00	9.78	8.52	0.00	40.75	24.97	15.96315	2.25046	23.522	
126.00	9.78	8.52	0.00	40.75	24.78	16.14878	2.24610	23.515	
127.00	9.78	8.52	0.00	40.75	24.60	16.33405	2.24172	23.508	
128.00	9.78	8.52	0.00	40.75	24.41	16.51895	2.23731	23.501	
129.00	9.78	8.52	0.00	40.75	24.23	16.70348	2.23289	23.494	
130.00	9.78	8.52	0.00	40.75	24.04	16.88765	2.22844	23.487	
131.00	9.78	8.52	0.00	40.75	23.86	17.07145	2.22398	23.480	
132.00	9.78	8.52	0.00	40.75	23.67	17.25488	2.21949	23.473	
133.00	9.78	8.52	0.00	40.75	23.49	17.43794	2.21498	23.466	
134.00	9.78	8.52	0.00	40.75	23.31	17.62062	2.21045	23.459	
135.00	9.78	8.52	0.00	40.75	23.13	17.80292	2.20590	23.452	
136.00	9.78	8.52	0.00	40.75	22.94	17.98485	2.20132	23.445	
137.00	9.78	8.52	0.00	40.75	22.76	18.16640	2.19672	23.438	
138.00	9.78	8.52	0.00	40.75	22.58	18.34756	2.19210	23.431	
139.00	9.78	8.52	0.00	40.75	22.40	18.52835	2.18746	23.423	
140.00	9.78	8.52	0.00	40.75	22.22	18.70874	2.18279	23.416	
141.00	9.78	8.52	0.00	40.75	22.04	18.88875	2.17810	23.409	
142.00	9.78	8.52	0.00	40.75	21.86	19.06837	2.17338	23.402	
143.00	9.78	8.52	0.00	40.75	21.68	19.24760	2.16864	23.395	
144.00	9.78	8.52	0.00	40.75	21.50	19.42643	2.16388	23.387	
145.00	9.78	8.52	0.00	40.75	21.32	19.60486	2.15909	23.380	
146.00	9.78	8.52	0.00	40.75	21.14	19.78290	2.15427	23.373	

	BASINS				RESERVOIR				
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147.00	9.78	8.52	0.00	40.75	20.96	19.96054	2.14943	23.365	
148.00	9.78	8.52	0.00	40.75	20.79	20.13778	2.14456	23.358	
149.00	9.78	8.52	0.00	40.75	20.61	20.31461	2.13967	23.350	
150.00	9.78	8.52	0.00	40.75	20.43	20.49104	2.13474	23.343	
151.00	9.78	8.52	0.00	40.75	20.26	20.66705	2.12979	23.336	
152.00	9.78	8.52	0.00	40.75	20.08	20.84266	2.12482	23.328	
153.00	9.78	8.52	0.00	40.75	19.90	21.01785	2.11981	23.321	
154.00	9.78	8.52	0.00	40.75	19.73	21.19262	2.11478	23.313	
155.00	9.78	8.52	0.00	40.75	19.55	21.36698	2.10971	23.305	
156.00	9.78	8.52	0.00	40.75	19.38	21.54091	2.10462	23.298	
157.00	9.78	8.52	0.00	40.75	19.21	21.71443	2.09950	23.290	
158.00	9.78	8.52	0.00	40.75	19.03	21.88751	2.09435	23.283	
159.00	9.78	8.52	0.00	40.75	18.86	22.06017	2.08916	23.275	
160.00	9.78	8.52	0.00	40.75	18.69	22.23240	2.08395	23.267	
161.00	9.78	8.52	0.00	40.75	18.51	22.40419	2.07870	23.260	
162.00	9.78	8.52	0.00	40.75	18.34	22.57555	2.07342	23.252	
163.00	9.78	8.52	0.00	40.75	18.17	22.74647	2.06811	23.244	
164.00	9.78	8.52	0.00	40.75	18.00	22.91694	2.06276	23.236	
165.00	9.78	8.52	0.00	40.75	17.83	23.08698	2.05739	23.228	
166.00	9.78	8.52	0.00	40.75	17.66	23.25656	2.05197	23.221	
167.00	9.78	8.52	0.00	40.75	17.49	23.42569	2.04652	23.213	
168.00	9.78	8.52	0.00	40.75	17.32	23.59438	2.04104	23.205	
169.00	9.78	8.52	0.00	40.75	12.55	23.76268	2.03652	23.198	Basin 1 drain only
170.00	9.78	8.52	0.00	40.75	12.38	23.93037	2.02906	23.188	
171.00	9.78	8.52	0.00	40.75	12.22	24.09744	2.02153	23.177	
172.00	9.78	8.52	0.00	40.75	12.05	24.26388	2.01393	23.166	
173.00	9.78	8.52	0.00	40.75	11.88	24.42969	2.00626	23.155	
174.00	9.78	8.52	0.00	40.75	11.72	24.59485	1.99852	23.144	
175.00	9.78	8.52	0.00	40.75	11.55	24.75938	1.99070	23.133	
176.00	9.78	8.52	0.00	40.75	11.39	24.92324	1.98280	23.122	
177.00	9.78	8.52	0.00	40.75	11.22	25.08645	1.97483	23.111	
178.00	9.78	8.52	0.00	40.75	11.06	25.24900	1.96678	23.100	
179.00	9.78	8.52	0.00	40.75	10.90	25.41087	1.95864	23.088	
180.00	9.78	8.52	0.00	40.75	10.74	25.57206	1.95042	23.077	
181.00	9.78	8.52	0.00	40.75	10.57	25.73256	1.94211	23.066	
182.00	9.78	8.52	0.00	40.75	10.41	25.89237	1.93370	23.054	
183.00	9.78	8.52	0.00	40.75	10.25	26.05148	1.92521	23.042	
184.00	9.78	8.52	0.00	40.75	10.09	26.20988	1.91662	23.031	
185.00	9.78	8.52	0.00	40.75	9.94	26.36756	1.90794	23.019	
186.00	9.78	8.52	0.00	40.75	9.78	26.52451	1.89915	23.007	
187.00	9.78	8.52	0.00	40.75	9.62	26.68073	1.89025	22.995	
188.00	9.78	8.52	0.00	40.75	9.47	26.83621	1.88125	22.983	
189.00	9.78	8.52	0.00	40.75	9.31	26.99093	1.87214	22.971	
190.00	9.78	8.52	0.00	40.75	9.16	27.14489	1.86291	22.959	
191.00	9.78	8.52	0.00	40.75	9.00	27.29808	1.85357	22.947	
192.00	9.78	8.52	0.00	40.75	8.85	27.45048	1.84410	22.934	
193.00	9.78	8.52	0.00	40.75	8.70	27.60210	1.83450	22.922	
194.00	9.78	8.52	0.00	40.75	8.54	27.75290	1.82478	22.909	
195.00	9.78	8.52	0.00	40.75	8.39	27.90290	1.81491	22.897	

	BASINS				RESERVOIR				
Time (hr)	Rainfall (in)	Accum. Runoff (in)	Basin discharge (cfs)	Accum. Inflow (acre-ft)	Volume (acre-ft)	Accum Outflow (acre-ft)	Instant. Discharge (cfs)	Stage (ft)	Comments
196.00	9.78	8.52	0.00	40.75	8.24	28.05206	1.80491	22.884	
197.00	9.78	8.52	0.00	40.75	8.09	28.20039	1.79476	22.871	
198.00	9.78	8.52	0.00	40.75	7.95	28.34787	1.78445	22.858	
199.00	9.78	8.52	0.00	40.75	7.80	28.49448	1.77399	22.845	
200.00	9.78	8.52	0.00	40.75	7.65	28.64021	1.76335	22.832	
201.00	9.78	8.52	0.00	40.75	7.51	28.78505	1.75255	22.818	
202.00	9.78	8.52	0.00	40.75	7.36	28.92898	1.74157	22.805	
203.00	9.78	8.52	0.00	40.75	7.22	29.07199	1.73040	22.791	
204.00	9.78	8.52	0.00	40.75	7.07	29.21405	1.71903	22.777	
205.00	9.78	8.52	0.00	40.75	6.93	29.35517	1.70745	22.763	
206.00	9.78	8.52	0.00	40.75	6.79	29.49530	1.69566	22.749	
207.00	9.78	8.52	0.00	40.75	6.65	29.63445	1.68364	22.734	
208.00	9.78	8.52	0.00	40.75	6.51	29.77258	1.67137	22.720	
209.00	9.78	8.52	0.00	40.75	6.37	29.90967	1.65886	22.705	
210.00	9.78	8.52	0.00	40.75	6.24	30.04571	1.64608	22.690	
211.00	9.78	8.52	0.00	40.75	6.10	30.18067	1.63302	22.675	
212.00	9.78	8.52	0.00	40.75	5.97	30.31453	1.61965	22.660	
213.00	9.78	8.52	0.00	40.75	5.83	30.44725	1.60597	22.644	
214.00	9.78	8.52	0.00	40.75	5.70	30.57882	1.59194	22.628	
215.00	9.78	8.52	0.00	40.75	5.57	30.70919	1.57756	22.612	
216.00	9.78	8.52	0.00	40.75	5.44	30.83835	1.56278	22.596	
217.00	9.78	8.52	0.00	40.75	5.31	30.96625	1.54759	22.579	
218.00	9.78	8.52	0.00	40.75	5.18	31.09286	1.53194	22.562	
219.00	9.78	8.52	0.00	40.75	5.05	31.21813	1.51580	22.545	
220.00	9.78	8.52	0.00	40.75	4.93	31.34202	1.49913	22.527	
221.00	9.78	8.52	0.00	40.75	4.80	31.46449	1.48188	22.509	
222.00	9.78	8.52	0.00	40.75	4.68	31.58548	1.46399	22.490	
223.00	9.78	8.52	0.00	40.75	4.56	31.70494	1.44539	22.471	
224.00	9.78	8.52	0.00	40.75	4.44	31.82279	1.42600	22.451	
225.00	9.78	8.52	0.00	40.75	4.32	31.93896	1.40572	22.431	
226.00	9.78	8.52	0.00	40.75	4.21	32.05338	1.38444	22.410	
227.00	9.78	8.52	0.00	40.75	4.09	32.16594	1.36201	22.388	
228.00	9.78	8.52	0.00	40.75	3.98	32.27654	1.33824	22.366	
229.00	9.78	8.52	0.00	40.75	3.87	32.38505	1.31290	22.342	
230.00	9.78	8.52	0.00	40.75	3.76	32.49130	1.28565	22.317	
231.00	9.78	8.52	0.00	40.75	3.66	32.59510	1.25605	22.290	
232.00	9.78	8.52	0.00	40.75	3.55	32.69622	1.22346	22.262	
233.00	9.78	8.52	0.00	40.75	3.45	32.79430	1.18683	22.231	
234.00	9.78	8.52	0.00	40.75	3.35	32.88888	1.14439	22.196	
235.00	9.78	8.52	0.00	40.75	3.26	32.97917	1.09251	22.155	
236.00	9.78	8.52	0.00	40.75	3.17	33.06352	1.02066	22.101	begin partial flow
237.00	9.78	8.52	0.00	40.75	3.08	33.13597	0.87661	22.004	stage formula change
238.00	9.78	8.52	0.00	40.75	3.01	33.20081	0.78460	21.990	
239.00	9.78	8.52	0.00	40.75	2.95	33.26303	0.75280	21.978	
240.00	9.78	8.52	0.00	40.75	2.88	33.32277	0.72288	21.965	
241.00	9.78	8.52	0.00	40.75	2.82	33.38018	0.69469	21.954	
242.00	9.78	8.52	0.00	40.75	2.77	33.43540	0.66810	21.942	
243.00	9.78	8.52	0.00	40.75	2.71	33.48854	0.64299	21.932	
244.00	9.78	8.52	0.00	40.75	2.66	33.53971	0.61925	21.921	

	BASINS				RESERVOIR				
Time (hr)	Rainfall (in)	Accum. Runoff (in)	Basin discharge (cfs)	Accum. Inflow (acre-ft)	Volume (acre-ft)	Accum Outflow (acre-ft)	Instant. Discharge (cfs)	Stage (ft)	Comments
245.00	9.78	8.52	0.00	40.75	2.61	33.58903	0.59679	21.911	
246.00	9.78	8.52	0.00	40.75	2.56	33.63660	0.57552	21.901	
247.00	9.78	8.52	0.00	40.75	2.51	33.68250	0.55535	21.892	
248.00	9.78	8.52	0.00	40.75	2.46	33.72681	0.53622	21.883	
249.00	9.78	8.52	0.00	40.75	2.42	33.76962	0.51804	21.874	
250.00	9.78	8.52	0.00	40.75	2.38	33.81101	0.50076	21.866	
251.00	9.78	8.52	0.00	40.75	2.34	33.85104	0.48433	21.858	
252.00	9.78	8.52	0.00	40.75	2.30	33.88977	0.46867	21.850	
253.00	9.78	8.52	0.00	40.75	2.26	33.92727	0.45376	21.842	
254.00	9.78	8.52	0.00	40.75	2.22	33.96360	0.43954	21.835	
255.00	9.78	8.52	0.00	40.75	2.18	33.99880	0.42597	21.828	
256.00	9.78	8.52	0.00	40.75	2.15	34.03293	0.41301	21.821	
257.00	9.78	8.52	0.00	40.75	2.11	34.06604	0.40063	21.814	
258.00	9.78	8.52	0.00	40.75	2.08	34.09818	0.38879	21.808	
259.00	9.78	8.52	0.00	40.75	2.05	34.12937	0.37746	21.802	
260.00	9.78	8.52	0.00	40.75	2.02	34.15967	0.36661	21.795	
261.00	9.78	8.52	0.00	40.75	1.99	34.18911	0.35622	21.790	
262.00	9.78	8.52	0.00	40.75	1.96	34.21772	0.34626	21.784	
263.00	9.78	8.52	0.00	40.75	1.93	34.24555	0.33670	21.778	
264.00	9.78	8.52	0.00	40.75	1.90	34.27262	0.32753	21.773	
265.00	9.78	8.52	0.00	40.75	1.87	34.29896	0.31873	21.767	
266.00	9.78	8.52	0.00	40.75	1.85	34.32460	0.31027	21.762	
267.00	9.78	8.52	0.00	40.75	1.82	34.34957	0.30214	21.757	
268.00	9.78	8.52	0.00	40.75	1.80	34.37390	0.29432	21.752	
269.00	9.78	8.52	0.00	40.75	1.77	34.39760	0.28679	21.748	
270.00	9.78	8.52	0.00	40.75	1.75	34.42070	0.27955	21.743	
271.00	9.78	8.52	0.00	40.75	1.73	34.44323	0.27257	21.738	
272.00	9.78	8.52	0.00	40.75	1.70	34.46520	0.26585	21.734	
273.00	9.78	8.52	0.00	40.75	1.68	34.48664	0.25937	21.730	
274.00	9.78	8.52	0.00	40.75	1.66	34.50756	0.25313	21.725	
275.00	9.78	8.52	0.00	40.75	1.64	34.52798	0.24710	21.721	
276.00	9.78	8.52	0.00	40.75	1.62	34.54792	0.24128	21.717	
277.00	9.78	8.52	0.00	40.75	1.60	34.56739	0.23567	21.713	
278.00	9.78	8.52	0.00	40.75	1.58	34.58642	0.23024	21.710	
279.00	9.78	8.52	0.00	40.75	1.56	34.60502	0.22500	21.706	
280.00	9.78	8.52	0.00	40.75	1.54	34.62319	0.21993	21.702	
281.00	9.78	8.52	0.00	40.75	1.52	34.64096	0.21503	21.699	
282.00	9.78	8.52	0.00	40.75	1.51	34.65834	0.21029	21.695	
283.00	9.78	8.52	0.00	40.75	1.49	34.67534	0.20570	21.692	
284.00	9.78	8.52	0.00	40.75	1.47	34.69197	0.20125	21.688	
285.00	9.78	8.52	0.00	40.75	1.45	34.70825	0.19695	21.685	
286.00	9.78	8.52	0.00	40.75	1.44	34.72418	0.19279	21.682	
287.00	9.78	8.52	0.00	40.75	1.42	34.73978	0.18875	21.679	
288.00	9.78	8.52	0.00	40.75	1.41	34.75506	0.18483	21.676	
289.00	9.78	8.52	0.00	40.75	1.39	34.77002	0.18104	21.673	
290.00	9.78	8.52	0.00	40.75	1.38	34.78468	0.17736	21.670	
291.00	9.78	8.52	0.00	40.75	1.36	34.79904	0.17379	21.667	
292.00	9.78	8.52	0.00	40.75	1.35	34.81312	0.17032	21.664	
293.00	9.78	8.52	0.00	40.75	1.33	34.82692	0.16696	21.661	

	BASINS				RESERVOIR				
Time (hr)	Rainfall (in)	Accum. Runoff (in)	Basin discharge (cfs)	Accum. Inflow (acre-ft)	Volume (acre-ft)	Accum Outflow (acre-ft)	Instant. Discharge (cfs)	Stage (ft)	Comments
294.00	9.78	8.52	0.00	40.75	1.32	34.84044	0.16369	21.659	
295.00	9.78	8.52	0.00	40.75	1.31	34.85371	0.16051	21.656	
296.00	9.78	8.52	0.00	40.75	1.29	34.86672	0.15743	21.653	
297.00	9.78	8.52	0.00	40.75	1.28	34.87948	0.15443	21.651	
298.00	9.78	8.52	0.00	40.75	1.27	34.89200	0.15152	21.648	
299.00	9.78	8.52	0.00	40.75	1.25	34.90429	0.14869	21.646	
300.00	9.78	8.52	0.00	40.75	1.24	34.91635	0.14593	21.644	
301.00	9.78	8.52	0.00	40.75	1.23	34.92819	0.14325	21.641	
302.00	9.78	8.52	0.00	40.75	1.22	34.93982	0.14064	21.639	
303.00	9.78	8.52	0.00	40.75	1.21	34.95123	0.13810	21.637	
304.00	9.78	8.52	0.00	40.75	1.20	34.96244	0.13563	21.634	
305.00	9.78	8.52	0.00	40.75	1.18	34.97345	0.13323	21.632	
306.00	9.78	8.52	0.00	40.75	1.17	34.98427	0.13088	21.630	
307.00	9.78	8.52	0.00	40.75	1.16	34.99489	0.12860	21.628	
308.00	9.78	8.52	0.00	40.75	1.15	35.00534	0.12637	21.626	
309.00	9.78	8.52	0.00	40.75	1.14	35.01560	0.12420	21.624	
310.00	9.78	8.52	0.00	40.75	1.13	35.02569	0.12209	21.622	
311.00	9.78	8.52	0.00	40.75	1.12	35.03561	0.12003	21.620	
312.00	9.78	8.52	0.00	40.75	1.11	35.04537	0.11802	21.618	
313.00	9.78	8.52	0.00	40.75	1.10	35.05496	0.11606	21.616	
314.00	9.78	8.52	0.00	40.75	1.09	35.06439	0.11414	21.614	
315.00	9.78	8.52	0.00	40.75	1.08	35.07367	0.11228	21.612	
316.00	9.78	8.52	0.00	40.75	1.07	35.08280	0.11045	21.610	
317.00	9.78	8.52	0.00	40.75	1.06	35.09178	0.10867	21.609	
318.00	9.78	8.52	0.00	40.75	1.05	35.10062	0.10694	21.607	
319.00	9.78	8.52	0.00	40.75	1.05	35.10931	0.10524	21.605	
320.00	9.78	8.52	0.00	40.75	1.04	35.11787	0.10358	21.603	
321.00	9.78	8.52	0.00	40.75	1.03	35.12630	0.10197	21.602	
322.00	9.78	8.52	0.00	40.75	1.02	35.13460	0.10038	21.600	
323.00	9.78	8.52	0.00	40.75	1.01	35.14277	0.09884	21.598	
324.00	9.78	8.52	0.00	40.75	1.00	35.15081	0.09733	21.597	
325.00	9.78	8.52	0.00	40.75	1.00	35.15873	0.09585	21.595	
326.00	9.78	8.52	0.00	40.75	0.99	35.16653	0.09441	21.594	
327.00	9.78	8.52	0.00	40.75	0.98	35.17422	0.09300	21.592	
328.00	9.78	8.52	0.00	40.75	0.97	35.18179	0.09161	21.591	
329.00	9.78	8.52	0.00	40.75	0.96	35.18925	0.09026	21.589	
330.00	9.78	8.52	0.00	40.75	0.96	35.19660	0.08894	21.588	
331.00	9.78	8.52	0.00	40.75	0.95	35.20384	0.08765	21.586	
332.00	9.78	8.52	0.00	40.75	0.94	35.21098	0.08638	21.585	
333.00	9.78	8.52	0.00	40.75	0.94	35.21802	0.08514	21.583	
334.00	9.78	8.52	0.00	40.75	0.93	35.22496	0.08393	21.582	
335.00	9.78	8.52	0.00	40.75	0.92	35.23180	0.08274	21.581	
336.00	9.78	8.52	0.00	40.75	0.91	35.23854	0.08158	21.579	

MALCOLM PIRNIE

MALCOLM PIRNIE, INC.

BY CAT DATE 6-23-00 SHEET NO. 1 OF 4

CHKD. BY ..... DATE ..... JOB NO. .....

SUBJECT RMPF Model

Stormwater Model (72-hr)

① Reservoir must return to control elevation within 14 days (336 hrs.)

② for rainfall, use SFWMD Rainfall Ratio × Total 24-hr rainfall (7.2 in)

③ for accumulated runoff, all rainfall goes into soil storage until rainfall − 0.2S > 0. At this point runoff begins to accumulate using the formula

$$\frac{(P - 0.2S)^2}{(P + 0.8S)}$$ per SFWMD.

④ Basin discharge will remain 0 throughout the model as there are no means other than the control structure for the basin to discharge.

⑤ Accumulated Inflow (ac-ft) = $\left(\frac{\text{Accumulated Runoff}}{12}\right)$(Project Area)

⑥ Volume (Reservoir Storage Volume) = Accumulated Inflow − Accumulated Outflow

⑦ Accumulated Outflow (ac-ft)/hr = Instant Discharge (ft^3/s) × 3600 s/hr × $\frac{1\ ac}{43560\ ft^2}$

RECYCLED PAPER

MALCOLM PIRNIE

MALCOLM PIRNIE, INC.

BY CJT DATE 6-23-00 SHEET NO. 2 OF 4

CHKD. BY ..... DATE ..... JOB NO. .....

SUBJECT .....

(8) Instantaneous Discharge

As soon as the reservoir stage rises above 21.4', water begins to discharge out of the 8" orifice. Until the stage rises above 21.4 + 0.67 = 22.07', flow is calculated using the circular open channel flow formula

$$Q = 0.48\left(\frac{E_c}{D}\right)^{1.9}(D^2)(\sqrt{gD})$$

where E_c = reservoir elev. above 21.4
D = pipe diameter (ft)
g = 32.2 ft/s²

When the stage rises above 22.07', the flow formula changes to

$$Q = CA\sqrt{2gh}$$

where $C = 0.6$
$A = \frac{\pi D^2}{4}$
$g = 32.2$ ft/s²
h = height of water surface from pipe ℄

RECYCLED PAPER

MALCOLM PIRNIE

MALCOLM PIRNIE, INC.

BY CA DATE 6-23-00 SHEET NO. 3 OF 4

CHKD. BY ..... DATE ..... JOB NO. .....

SUBJECT .....

(9.) Stage Calculations

All calculations are based on the Stage-Storage Curve calculations on p 6/12

During the rainfall event, all basins are contributing (combined inflow)

for stage $\leq 22'$,

$$\text{volume} = (5.1 \times (\text{stage} - 21.4)) + (2.3 \times (\text{stage} - 21.4))$$
$$= (5.1 + 2.3)(\text{stage} - 21.4)$$

$$\text{stage} = 21.4' + \frac{\text{volume}}{7.4}$$

for stage $> 22'$,

$$\text{volume} = 4.5 + \frac{1}{2}\left(\frac{\text{stage} - 22}{3}\right)(53.0)(\text{stage} - 22)$$

$$(\text{stage} - 22)^2 = \left(\frac{2(\text{volume} - 4.5)}{53.0}\right)(3)$$

$$\text{stage} = \sqrt{\left(\frac{2(\text{volume} - 4.5)}{53.0}\right)(3)} + 22$$

(9) Stage Calculations (cont'd)

After the rainfall stops, all reservoirs decline until the stage reaches 23.2', at which point only Basin 1 drains (detention pond #3). Note: The 4.6 acres of Basin 2 storage must be subtracted at this point.

Adj. Volume = Volume - 4.6

for 23.2' < stage < 22',

$$\text{adj. volume} = 3.1 + \tfrac{1}{2}(39.5)(\text{stage} - 22)\left(\frac{\text{stage} - 22}{3}\right)$$

$$\text{stage} = \sqrt{\left(\frac{(\text{adj. volume} - 3.1)(2)}{39.5}\right)(3)} + 22$$

for 21.4 < stage < 22',

$$\text{adj. volume} = (\text{stage} - 21.4)(5.1)$$

$$\text{stage} = \frac{\text{adj. volume}}{5.1} + 21.4$$

	BASINS				RESERVOIR				
Time (hr)	Rainfall (in)	Accum. Runoff (in)	Basin disc	Accum. Inflow (acre-ft)	Volume (acre-ft)	Accum Outflow (acre-ft)	Instant. Discharge (cfs)	Stage (ft)	Comments
0	=0*E7	=IF(B39-0.2*E8<0,0,(((B39-0.2*E8)^2)/(B39+0.8*E8)))	0	=IF(C39<0.01,0,((C39/12)*E6))	0	0	=0.48*(((I39-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=E9	
1	=0.006*E7	=IF(B40-0.2*E8<0,0,(((B40-0.2*E8)^2)/(B40+0.8*E8)))	0	=IF(C40<0.01,0,((C40/12)*E6))	=E40-G39	=0+G39	=0.48*(((I40-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F40/7.4))	
2	=0.012*E7	=IF(B41-0.2*E8<0,0,(((B41-0.2*E8)^2)/(B41+0.8*E8)))	0	=IF(C41<0.01,0,((C41/12)*E6))	=E41-G40	=0+G40	=0.48*(((I41-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F41/7.4))	
3	=0.018*E7	=IF(B42-0.2*E8<0,0,(((B42-0.2*E8)^2)/(B42+0.8*E8)))	0	=IF(C42<0.01,0,((C42/12)*E6))	=E42-G41	=0+G41	=0.48*(((I42-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F42/7.4))	
4	=0.024*E7	=IF(B43-0.2*E8<0,0,(((B43-0.2*E8)^2)/(B43+0.8*E8)))	0	=IF(C43<0.01,0,((C43/12)*E6))	=E43-G42	=0+G42	=0.48*(((I43-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F43/7.4))	
5	=0.03*E7	=IF(B44-0.2*E8<0,0,(((B44-0.2*E8)^2)/(B44+0.8*E8)))	0	=IF(C44<0.01,0,((C44/12)*E6))	=E44-G43	=0+G43	=0.48*(((I44-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F44/7.4))	
6	=0.036*E7	=IF(B45-0.2*E8<0,0,(((B45-0.2*E8)^2)/(B45+0.8*E8)))	0	=IF(C45<0.01,0,((C45/12)*E6))	=E45-G44	=0+G44	=0.48*(((I45-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F45/7.4))	
7	=0.043*E7	=IF(B46-0.2*E8<0,0,(((B46-0.2*E8)^2)/(B46+0.8*E8)))	0	=IF(C46<0.01,0,((C46/12)*E6))	=E46-G45	=0+G45	=0.48*(((I46-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F46/7.4))	
8	=0.049*E7	=IF(B47-0.2*E8<0,0,(((B47-0.2*E8)^2)/(B47+0.8*E8)))	0	=IF(C47<0.01,0,((C47/12)*E6))	=E47-G46	=(H47*3600)/43560	=0.48*(((I47-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F47/7.4))	orifice partial flow
9	=0.055*E7	=IF(B48-0.2*E8<0,0,(((B48-0.2*E8)^2)/(B48+0.8*E8)))	0	=IF(C48<0.01,0,((C48/12)*E6))	=E48-G47	=(H48*3600)/43560	=0.48*(((I48-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F48/7.4))	
10	=0.061*E7	=IF(B49-0.2*E8<0,0,(((B49-0.2*E8)^2)/(B49+0.8*E8)))	0	=IF(C49<0.01,0,((C49/12)*E6))	=E49-G48	=(H49*3600)/43560	=0.48*(((I49-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F49/7.4))	
11	=0.067*E7	=IF(B50-0.2*E8<0,0,(((B50-0.2*E8)^2)/(B50+0.8*E8)))	0	=IF(C50<0.01,0,((C50/12)*E6))	=E50-G49	=((H50*3600)/43560)+G49	=0.48*(((I50-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F50/7.4))	
12	=0.073*E7	=IF(B51-0.2*E8<0,0,(((B51-0.2*E8)^2)/(B51+0.8*E8)))	0	=IF(C51<0.01,0,((C51/12)*E6))	=E51-G50	=((H51*3600)/43560)+G50	=0.48*(((I51-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F51/7.4))	
13	=0.079*E7	=IF(B52-0.2*E8<0,0,(((B52-0.2*E8)^2)/(B52+0.8*E8)))	0	=IF(C52<0.01,0,((C52/12)*E6))	=E52-G51	=((H52*3600)/43560)+G51	=0.48*(((I52-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F52/7.4))	
14	=0.085*E7	=IF(B53-0.2*E8<0,0,(((B53-0.2*E8)^2)/(B53+0.8*E8)))	0	=IF(C53<0.01,0,((C53/12)*E6))	=E53-G52	=((H53*3600)/43560)+G52	=0.48*(((I53-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F53/7.4))	
15	=0.091*E7	=IF(B54-0.2*E8<0,0,(((B54-0.2*E8)^2)/(B54+0.8*E8)))	0	=IF(C54<0.01,0,((C54/12)*E6))	=E54-G53	=((H54*3600)/43560)+G53	=0.48*(((I54-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F54/7.4))	
16	=0.097*E7	=IF(B55-0.2*E8<0,0,(((B55-0.2*E8)^2)/(B55+0.8*E8)))	0	=IF(C55<0.01,0,((C55/12)*E6))	=E55-G54	=((H55*3600)/43560)+G54	=0.48*(((I55-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F55/7.4))	
17	=0.103*E7	=IF(B56-0.2*E8<0,0,(((B56-0.2*E8)^2)/(B56+0.8*E8)))	0	=IF(C56<0.01,0,((C56/12)*E6))	=E56-G55	=((H56*3600)/43560)+G55	=0.48*(((I56-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F56/7.4))	
18	=0.11*E7	=IF(B57-0.2*E8<0,0,(((B57-0.2*E8)^2)/(B57+0.8*E8)))	0	=IF(C57<0.01,0,((C57/12)*E6))	=E57-G56	=((H57*3600)/43560)+G56	=0.48*(((I57-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F57/7.4))	
19	=0.116*E7	=IF(B58-0.2*E8<0,0,(((B58-0.2*E8)^2)/(B58+0.8*E8)))	0	=IF(C58<0.01,0,((C58/12)*E6))	=E58-G57	=((H58*3600)/43560)+G57	=0.48*(((I58-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F58/7.4))	
20	=0.122*E7	=IF(B59-0.2*E8<0,0,(((B59-0.2*E8)^2)/(B59+0.8*E8)))	0	=IF(C59<0.01,0,((C59/12)*E6))	=E59-G58	=((H59*3600)/43560)+G58	=0.48*(((I59-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F59/7.4))	
21	=0.128*E7	=IF(B60-0.2*E8<0,0,(((B60-0.2*E8)^2)/(B60+0.8*E8)))	0	=IF(C60<0.01,0,((C60/12)*E6))	=E60-G59	=((H60*3600)/43560)+G59	=0.48*(((I60-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F60/7.4))	
22	=0.134*E7	=IF(B61-0.2*E8<0,0,(((B61-0.2*E8)^2)/(B61+0.8*E8)))	0	=IF(C61<0.01,0,((C61/12)*E6))	=E61-G60	=((H61*3600)/43560)+G60	=0.48*(((I61-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F61/7.4))	
23	=0.14*E7	=IF(B62-0.2*E8<0,0,(((B62-0.2*E8)^2)/(B62+0.8*E8)))	0	=IF(C62<0.01,0,((C62/12)*E6))	=E62-G61	=((H62*3600)/43560)+G61	=0.48*(((I62-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F62/7.4))	
24	=0.146*E7	=IF(B63-0.2*E8<0,0,(((B63-0.2*E8)^2)/(B63+0.8*E8)))	0	=IF(C63<0.01,0,((C63/12)*E6))	=E63-G62	=((H63*3600)/43560)+G62	=0.48*(((I63-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F63/7.4))	
25	=0.155*E7	=IF(B64-0.2*E8<0,0,(((B64-0.2*E8)^2)/(B64+0.8*E8)))	0	=IF(C64<0.01,0,((C64/12)*E6))	=E64-G63	=((H64*3600)/43560)+G63	=0.48*(((I64-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F64/7.4))	
26	=0.164*E7	=IF(B65-0.2*E8<0,0,(((B65-0.2*E8)^2)/(B65+0.8*E8)))	0	=IF(C65<0.01,0,((C65/12)*E6))	=E65-G64	=((H65*3600)/43560)+G64	=0.48*(((I65-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F65/7.4))	
27	=0.173*E7	=IF(B66-0.2*E8<0,0,(((B66-0.2*E8)^2)/(B66+0.8*E8)))	0	=IF(C66<0.01,0,((C66/12)*E6))	=E66-G65	=((H66*3600)/43560)+G65	=0.48*(((I66-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F66/7.4))	
28	=0.182*E7	=IF(B67-0.2*E8<0,0,(((B67-0.2*E8)^2)/(B67+0.8*E8)))	0	=IF(C67<0.01,0,((C67/12)*E6))	=E67-G66	=((H67*3600)/43560)+G66	=0.48*(((I67-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F67/7.4))	
29	=0.19*E7	=IF(B68-0.2*E8<0,0,(((B68-0.2*E8)^2)/(B68+0.8*E8)))	0	=IF(C68<0.01,0,((C68/12)*E6))	=E68-G67	=((H68*3600)/43560)+G67	=0.48*(((I68-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F68/7.4))	
30	=0.199*E7	=IF(B69-0.2*E8<0,0,(((B69-0.2*E8)^2)/(B69+0.8*E8)))	0	=IF(C69<0.01,0,((C69/12)*E6))	=E69-G68	=((H69*3600)/43560)+G68	=0.48*(((I69-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F69/7.4))	
31	=0.208*E7	=IF(B70-0.2*E8<0,0,(((B70-0.2*E8)^2)/(B70+0.8*E8)))	0	=IF(C70<0.01,0,((C70/12)*E6))	=E70-G69	=((H70*3600)/43560)+G69	=0.48*(((I70-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F70/7.4))	
32	=0.217*E7	=IF(B71-0.2*E8<0,0,(((B71-0.2*E8)^2)/(B71+0.8*E8)))	0	=IF(C71<0.01,0,((C71/12)*E6))	=E71-G70	=((H71*3600)/43560)+G70	=0.48*(((I71-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F71/7.4))	
33	=0.226*E7	=IF(B72-0.2*E8<0,0,(((B72-0.2*E8)^2)/(B72+0.8*E8)))	0	=IF(C72<0.01,0,((C72/12)*E6))	=E72-G71	=((H72*3600)/43560)+G71	=0.48*(((I72-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F72/7.4))	
34	=0.235*E7	=IF(B73-0.2*E8<0,0,(((B73-0.2*E8)^2)/(B73+0.8*E8)))	0	=IF(C73<0.01,0,((C73/12)*E6))	=E73-G72	=((H73*3600)/43560)+G72	=0.48*(((I73-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F73/7.4))	
35	=0.244*E7	=IF(B74-0.2*E8<0,0,(((B74-0.2*E8)^2)/(B74+0.8*E8)))	0	=IF(C74<0.01,0,((C74/12)*E6))	=E74-G73	=((H74*3600)/43560)+G73	=0.48*(((I74-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F74/7.4))	
36	=0.252*E7	=IF(B75-0.2*E8<0,0,(((B75-0.2*E8)^2)/(B75+0.8*E8)))	0	=IF(C75<0.01,0,((C75/12)*E6))	=E75-G74	=((H75*3600)/43560)+G74	=0.48*(((I75-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F75/7.4))	
37	=0.261*E7	=IF(B76-0.2*E8<0,0,(((B76-0.2*E8)^2)/(B76+0.8*E8)))	0	=IF(C76<0.01,0,((C76/12)*E6))	=E76-G75	=((H76*3600)/43560)+G75	=0.48*(((I76-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F76/7.4))	
38	=0.27*E7	=IF(B77-0.2*E8<0,0,(((B77-0.2*E8)^2)/(B77+0.8*E8)))	0	=IF(C77<0.01,0,((C77/12)*E6))	=E77-G76	=((H77*3600)/43560)+G76	=0.48*(((I77-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.5	=(21.4+(F77/7.4))	stage equation change
39	=0.279*E7	=IF(B78-0.2*E8<0,0,(((B78-0.2*E8)^2)/(B78+0.8*E8)))	0	=IF(C78<0.01,0,((C78/12)*E6))	=E78-G77	=((H78*3600)/43560)+G77	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I78-21.733))^0.5	=(((2*(F78-4.5)/53	orifice full flow
40	=0.288*E7	=IF(B79-0.2*E8<0,0,(((B79-0.2*E8)^2)/(B79+0.8*E8)))	0	=IF(C79<0.01,0,((C79/12)*E6))	=E79-G78	=((H79*3600)/43560)+G78	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I79-21.733))^0.5	=(((2*(F79-4.5)/53	
41	=0.297*E7	=IF(B80-0.2*E8<0,0,(((B80-0.2*E8)^2)/(B80+0.8*E8)))	0	=IF(C80<0.01,0,((C80/12)*E6))	=E80-G79	=((H80*3600)/43560)+G79	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I80-21.733))^0.5	=(((2*(F80-4.5)/53	
42	=0.306*E7	=IF(B81-0.2*E8<0,0,(((B81-0.2*E8)^2)/(B81+0.8*E8)))	0	=IF(C81<0.01,0,((C81/12)*E6))	=E81-G80	=((H81*3600)/43560)+G80	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I81-21.733))^0.5	=(((2*(F81-4.5)/53	
43	=0.315*E7	=IF(B82-0.2*E8<0,0,(((B82-0.2*E8)^2)/(B82+0.8*E8)))	0	=IF(C82<0.01,0,((C82/12)*E6))	=E82-G81	=((H82*3600)/43560)+G81	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I82-21.733))^0.5	=(((2*(F82-4.5)/53	
44	=0.324*E7	=IF(B83-0.2*E8<0,0,(((B83-0.2*E8)^2)/(B83+0.8*E8)))	0	=IF(C83<0.01,0,((C83/12)*E6))	=E83-G82	=((H83*3600)/43560)+G82	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I83-21.733))^0.5	=(((2*(F83-4.5)/53	
45	=0.332*E7	=IF(B84-0.2*E8<0,0,(((B84-0.2*E8)^2)/(B84+0.8*E8)))	0	=IF(C84<0.01,0,((C84/12)*E6))	=E84-G83	=((H84*3600)/43560)+G83	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I84-21.733))^0.5	=(((2*(F84-4.5)/53	
46	=0.341*E7	=IF(B85-0.2*E8<0,0,(((B85-0.2*E8)^2)/(B85+0.8*E8)))	0	=IF(C85<0.01,0,((C85/12)*E6))	=E85-G84	=((H85*3600)/43560)+G84	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I85-21.733))^0.5	=(((2*(F85-4.5)/53	
47	=0.35*E7	=IF(B86-0.2*E8<0,0,(((B86-0.2*E8)^2)/(B86+0.8*E8)))	0	=IF(C86<0.01,0,((C86/12)*E6))	=E86-G85	=((H86*3600)/43560)+G85	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I86-21.733))^0.5	=(((2*(F86-4.5)/53	
48	=0.359*E7	=IF(B87-0.2*E8<0,0,(((B87-0.2*E8)^2)/(B87+0.8*E8)))	0	=IF(C87<0.01,0,((C87/12)*E6))	=E87-G86	=((H87*3600)/43560)+G86	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I87-21.733))^0.5	=(((2*(F87-4.5)/53	
49	=0.369*E7	=IF(B88-0.2*E8<0,0,(((B88-0.2*E8)^2)/(B88+0.8*E8)))	0	=IF(C88<0.01,0,((C88/12)*E6))	=E88-G87	=((H88*3600)/43560)+G87	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I88-21.733))^0.5	=(((2*(F88-4.5)/53	
50	=0.379*E7	=IF(B89-0.2*E8<0,0,(((B89-0.2*E8)^2)/(B89+0.8*E8)))	0	=IF(C89<0.01,0,((C89/12)*E6))	=E89-G88	=((H89*3600)/43560)+G88	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I89-21.733))^0.5	=(((2*(F89-4.5)/53	
51	=0.391*E7	=IF(B90-0.2*E8<0,0,(((B90-0.2*E8)^2)/(B90+0.8*E8)))	0	=IF(C90<0.01,0,((C90/12)*E6))	=E90-G89	=((H90*3600)/43560)+G89	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I90-21.733))^0.5	=(((2*(F90-4.5)/53	
52	=0.404*E7	=IF(B91-0.2*E8<0,0,(((B91-0.2*E8)^2)/(B91+0.8*E8)))	0	=IF(C91<0.01,0,((C91/12)*E6))	=E91-G90	=((H91*3600)/43560)+G90	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I91-21.733))^0.5	=(((2*(F91-4.5)/53	
53	=0.421*E7	=IF(B92-0.2*E8<0,0,(((B92-0.2*E8)^2)/(B92+0.8*E8)))	0	=IF(C92<0.01,0,((C92/12)*E6))	=E92-G91	=((H92*3600)/43560)+G91	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I92-21.733))^0.5	=(((2*(F92-4.5)/53	
54	=0.442*E7	=IF(B93-0.2*E8<0,0,(((B93-0.2*E8)^2)/(B93+0.8*E8)))	0	=IF(C93<0.01,0,((C93/12)*E6))	=E93-G92	=((H93*3600)/43560)+G92	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I93-21.733))^0.5	=(((2*(F93-4.5)/53	
55	=0.467*E7	=IF(B94-0.2*E8<0,0,(((B94-0.2*E8)^2)/(B94+0.8*E8)))	0	=IF(C94<0.01,0,((C94/12)*E6))	=E94-G93	=((H94*3600)/43560)+G93	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I94-21.733))^0.5	=(((2*(F94-4.5)/53	
56	=0.496*E7	=IF(B95-0.2*E8<0,0,(((B95-0.2*E8)^2)/(B95+0.8*E8)))	0	=IF(C95<0.01,0,((C95/12)*E6))	=E95-G94	=((H95*3600)/43560)+G94	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I95-21.733))^0.5	=(((2*(F95-4.5)/53	
57	=0.53*E7	=IF(B96-0.2*E8<0,0,(((B96-0.2*E8)^2)/(B96+0.8*E8)))	0	=IF(C96<0.01,0,((C96/12)*E6))	=E96-G95	=((H96*3600)/43560)+G95	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I96-21.733))^0.5	=(((2*(F96-4.5)/53	
58	=0.572*E7	=IF(B97-0.2*E8<0,0,(((B97-0.2*E8)^2)/(B97+0.8*E8)))	0	=IF(C97<0.01,0,((C97/12)*E6))	=E97-G96	=((H97*3600)/43560)+G96	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I97-21.733))^0.5	=(((2*(F97-4.5)/53	
59	=0.628*E7	=IF(B98-0.2*E8<0,0,(((B98-0.2*E8)^2)/(B98+0.8*E8)))	0	=IF(C98<0.01,0,((C98/12)*E6))	=E98-G97	=((H98*3600)/43560)+G97	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I98-21.733))^0.5	=(((2*(F98-4.5)/53	

Time (hr)	BASINS Rainfall (in)	Accum. Runoff (in)	Basin disc	Accum. Inflow (acre-ft)	RESERVOIR Volume (acre-ft)	Accum Outflow (acre-ft)	Instant. Discharge (cfs)	Stage (ft)	Comments
60	=1.015*E7	=IF(B99-0.2*E8<0,0,(((B99-0.2*E8)^2)/(B99+0.8*E8)))	0	=IF(C99<0.01,0,((C99/12)*E6))	=E99-G98	=((H99*3600)/43560)+G98	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I99-21.733))^0.5	=(((2*(F99-4.5)/53	
61	=1.126*E7	=IF(B100-0.2*E8<0,0,(((B100-0.2*E8)^2)/(B100+0.8*E8))	0	=IF(C100<0.01,0,((C100/12)*E6)	=E100-G99	=((H100*3600)/43560)+G99	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I100-21.733))^0.5	=(((2*(F100-4.5)/5	
62	=1.177*E7	=IF(B101-0.2*E8<0,0,(((B101-0.2*E8)^2)/(B101+0.8*E8)	0	=IF(C101<0.01,0,((C101/12)*E6	=E101-G100	=((H101*3600)/43560)+G100	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I101-21.733))^0.5	=(((2*(F101-4.5)/5	
63	=1.209*E7	=IF(B102-0.2*E8<0,0,(((B102-0.2*E8)^2)/(B102+0.8*E8)	0	=IF(C102<0.01,0,((C102/12)*E6	=E102-G101	=((H102*3600)/43560)+G101	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I102-21.733))^0.5	=(((2*(F102-4.5)/5	
64	=1.239*E7	=IF(B103-0.2*E8<0,0,(((B103-0.2*E8)^2)/(B103+0.8*E8)	0	=IF(C103<0.01,0,((C103/12)*E6	=E103-G102	=((H103*3600)/43560)+G102	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I103-21.733))^0.5	=(((2*(F103-4.5)/5	
65	=1.257*E7	=IF(B104-0.2*E8<0,0,(((B104-0.2*E8)^2)/(B104+0.8*E8)	0	=IF(C104<0.01,0,((C104/12)*E6	=E104-G103	=((H104*3600)/43560)+G103	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I104-21.733))^0.5	=(((2*(F104-4.5)/5	
66	=1.275*E7	=IF(B105-0.2*E8<0,0,(((B105-0.2*E8)^2)/(B105+0.8*E8)	0	=IF(C105<0.01,0,((C105/12)*E6	=E105-G104	=((H105*3600)/43560)+G104	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I105-21.733))^0.5	=(((2*(F105-4.5)/5	
67	=1.293*E7	=IF(B106-0.2*E8<0,0,(((B106-0.2*E8)^2)/(B106+0.8*E8)	0	=IF(C106<0.01,0,((C106/12)*E6	=E106-G105	=((H106*3600)/43560)+G105	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I106-21.733))^0.5	=(((2*(F106-4.5)/5	
68	=1.311*E7	=IF(B107-0.2*E8<0,0,(((B107-0.2*E8)^2)/(B107+0.8*E8)	0	=IF(C107<0.01,0,((C107/12)*E6	=E107-G106	=((H107*3600)/43560)+G106	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I107-21.733))^0.5	=(((2*(F107-4.5)/5	
69	=1.323*E7	=IF(B108-0.2*E8<0,0,(((B108-0.2*E8)^2)/(B108+0.8*E8)	0	=IF(C108<0.01,0,((C108/12)*E6	=E108-G107	=((H108*3600)/43560)+G107	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I108-21.733))^0.5	=(((2*(F108-4.5)/5	
70	=1.335*E7	=IF(B109-0.2*E8<0,0,(((B109-0.2*E8)^2)/(B109+0.8*E8)	0	=IF(C109<0.01,0,((C109/12)*E6	=E109-G108	=((H109*3600)/43560)+G108	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I109-21.733))^0.5	=(((2*(F109-4.5)/5	
71	=1.347*E7	=IF(B110-0.2*E8<0,0,(((B110-0.2*E8)^2)/(B110+0.8*E8)	0	=IF(C110<0.01,0,((C110/12)*E6	=E110-G109	=((H110*3600)/43560)+G109	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I110-21.733))^0.5	=(((2*(F110-4.5)/5	
72	=1.359*E7	=IF(B111-0.2*E8<0,0,(((B111-0.2*E8)^2)/(B111+0.8*E8)	0	=IF(C111<0.01,0,((C111/12)*E6	=E111-G110	=((H111*3600)/43560)+G110	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I111-21.733))^0.5	=(((2*(F111-4.5)/5	
73	=1.359*E7	=IF(B112-0.2*E8<0,0,(((B112-0.2*E8)^2)/(B112+0.8*E8)	0	=IF(C112<0.01,0,((C112/12)*E6	=E112-G111	=((H112*3600)/43560)+G111	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I112-21.733))^0.5	=(((2*(F112-4.5)/5	
74	=1.359*E7	=IF(B113-0.2*E8<0,0,(((B113-0.2*E8)^2)/(B113+0.8*E8)	0	=IF(C113<0.01,0,((C113/12)*E6	=E113-G112	=((H113*3600)/43560)+G112	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I113-21.733))^0.5	=(((2*(F113-4.5)/5	
75	=1.359*E7	=IF(B114-0.2*E8<0,0,(((B114-0.2*E8)^2)/(B114+0.8*E8)	0	=IF(C114<0.01,0,((C114/12)*E6	=E114-G113	=((H114*3600)/43560)+G113	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I114-21.733))^0.5	=(((2*(F114-4.5)/5	
76	=1.359*E7	=IF(B115-0.2*E8<0,0,(((B115-0.2*E8)^2)/(B115+0.8*E8)	0	=IF(C115<0.01,0,((C115/12)*E6	=E115-G114	=((H115*3600)/43560)+G114	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I115-21.733))^0.5	=(((2*(F115-4.5)/5	
77	=1.359*E7	=IF(B116-0.2*E8<0,0,(((B116-0.2*E8)^2)/(B116+0.8*E8)	0	=IF(C116<0.01,0,((C116/12)*E6	=E116-G115	=((H116*3600)/43560)+G115	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I116-21.733))^0.5	=(((2*(F116-4.5)/5	
78	=1.359*E7	=IF(B117-0.2*E8<0,0,(((B117-0.2*E8)^2)/(B117+0.8*E8)	0	=IF(C117<0.01,0,((C117/12)*E6	=E117-G116	=((H117*3600)/43560)+G116	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I117-21.733))^0.5	=(((2*(F117-4.5)/5	
79	=1.359*E7	=IF(B118-0.2*E8<0,0,(((B118-0.2*E8)^2)/(B118+0.8*E8)	0	=IF(C118<0.01,0,((C118/12)*E6	=E118-G117	=((H118*3600)/43560)+G117	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I118-21.733))^0.5	=(((2*(F118-4.5)/5	
80	=1.359*E7	=IF(B119-0.2*E8<0,0,(((B119-0.2*E8)^2)/(B119+0.8*E8)	0	=IF(C119<0.01,0,((C119/12)*E6	=E119-G118	=((H119*3600)/43560)+G118	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I119-21.733))^0.5	=(((2*(F119-4.5)/5	
81	=1.359*E7	=IF(B120-0.2*E8<0,0,(((B120-0.2*E8)^2)/(B120+0.8*E8)	0	=IF(C120<0.01,0,((C120/12)*E6	=E120-G119	=((H120*3600)/43560)+G119	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I120-21.733))^0.5	=(((2*(F120-4.5)/5	
82	=1.359*E7	=IF(B121-0.2*E8<0,0,(((B121-0.2*E8)^2)/(B121+0.8*E8)	0	=IF(C121<0.01,0,((C121/12)*E6	=E121-G120	=((H121*3600)/43560)+G120	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I121-21.733))^0.5	=(((2*(F121-4.5)/5	
83	=1.359*E7	=IF(B122-0.2*E8<0,0,(((B122-0.2*E8)^2)/(B122+0.8*E8)	0	=IF(C122<0.01,0,((C122/12)*E6	=E122-G121	=((H122*3600)/43560)+G121	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I122-21.733))^0.5	=(((2*(F122-4.5)/5	
84	=1.359*E7	=IF(B123-0.2*E8<0,0,(((B123-0.2*E8)^2)/(B123+0.8*E8)	0	=IF(C123<0.01,0,((C123/12)*E6	=E123-G122	=((H123*3600)/43560)+G122	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I123-21.733))^0.5	=(((2*(F123-4.5)/5	
85	=1.359*E7	=IF(B124-0.2*E8<0,0,(((B124-0.2*E8)^2)/(B124+0.8*E8)	0	=IF(C124<0.01,0,((C124/12)*E6	=E124-G123	=((H124*3600)/43560)+G123	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I124-21.733))^0.5	=(((2*(F124-4.5)/5	
86	=1.359*E7	=IF(B125-0.2*E8<0,0,(((B125-0.2*E8)^2)/(B125+0.8*E8)	0	=IF(C125<0.01,0,((C125/12)*E6	=E125-G124	=((H125*3600)/43560)+G124	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I125-21.733))^0.5	=(((2*(F125-4.5)/5	
87	=1.359*E7	=IF(B126-0.2*E8<0,0,(((B126-0.2*E8)^2)/(B126+0.8*E8)	0	=IF(C126<0.01,0,((C126/12)*E6	=E126-G125	=((H126*3600)/43560)+G125	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I126-21.733))^0.5	=(((2*(F126-4.5)/5	
88	=1.359*E7	=IF(B127-0.2*E8<0,0,(((B127-0.2*E8)^2)/(B127+0.8*E8)	0	=IF(C127<0.01,0,((C127/12)*E6	=E127-G126	=((H127*3600)/43560)+G126	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I127-21.733))^0.5	=(((2*(F127-4.5)/5	
89	=1.359*E7	=IF(B128-0.2*E8<0,0,(((B128-0.2*E8)^2)/(B128+0.8*E8)	0	=IF(C128<0.01,0,((C128/12)*E6	=E128-G127	=((H128*3600)/43560)+G127	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I128-21.733))^0.5	=(((2*(F128-4.5)/5	
90	=1.359*E7	=IF(B129-0.2*E8<0,0,(((B129-0.2*E8)^2)/(B129+0.8*E8)	0	=IF(C129<0.01,0,((C129/12)*E6	=E129-G128	=((H129*3600)/43560)+G128	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I129-21.733))^0.5	=(((2*(F129-4.5)/5	
91	=1.359*E7	=IF(B130-0.2*E8<0,0,(((B130-0.2*E8)^2)/(B130+0.8*E8)	0	=IF(C130<0.01,0,((C130/12)*E6	=E130-G129	=((H130*3600)/43560)+G129	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I130-21.733))^0.5	=(((2*(F130-4.5)/5	
92	=1.359*E7	=IF(B131-0.2*E8<0,0,(((B131-0.2*E8)^2)/(B131+0.8*E8)	0	=IF(C131<0.01,0,((C131/12)*E6	=E131-G130	=((H131*3600)/43560)+G130	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I131-21.733))^0.5	=(((2*(F131-4.5)/5	
93	=1.359*E7	=IF(B132-0.2*E8<0,0,(((B132-0.2*E8)^2)/(B132+0.8*E8)	0	=IF(C132<0.01,0,((C132/12)*E6	=E132-G131	=((H132*3600)/43560)+G131	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I132-21.733))^0.5	=(((2*(F132-4.5)/5	
94	=1.359*E7	=IF(B133-0.2*E8<0,0,(((B133-0.2*E8)^2)/(B133+0.8*E8)	0	=IF(C133<0.01,0,((C133/12)*E6	=E133-G132	=((H133*3600)/43560)+G132	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I133-21.733))^0.5	=(((2*(F133-4.5)/5	
95	=1.359*E7	=IF(B134-0.2*E8<0,0,(((B134-0.2*E8)^2)/(B134+0.8*E8)	0	=IF(C134<0.01,0,((C134/12)*E6	=E134-G133	=((H134*3600)/43560)+G133	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I134-21.733))^0.5	=(((2*(F134-4.5)/5	
96	=1.359*E7	=IF(B135-0.2*E8<0,0,(((B135-0.2*E8)^2)/(B135+0.8*E8)	0	=IF(C135<0.01,0,((C135/12)*E6	=E135-G134	=((H135*3600)/43560)+G134	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I135-21.733))^0.5	=(((2*(F135-4.5)/5	
97	=1.359*E7	=IF(B136-0.2*E8<0,0,(((B136-0.2*E8)^2)/(B136+0.8*E8)	0	=IF(C136<0.01,0,((C136/12)*E6	=E136-G135	=((H136*3600)/43560)+G135	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I136-21.733))^0.5	=(((2*(F136-4.5)/5	
98	=1.359*E7	=IF(B137-0.2*E8<0,0,(((B137-0.2*E8)^2)/(B137+0.8*E8)	0	=IF(C137<0.01,0,((C137/12)*E6	=E137-G136	=((H137*3600)/43560)+G136	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I137-21.733))^0.5	=(((2*(F137-4.5)/5	
99	=1.359*E7	=IF(B138-0.2*E8<0,0,(((B138-0.2*E8)^2)/(B138+0.8*E8)	0	=IF(C138<0.01,0,((C138/12)*E6	=E138-G137	=((H138*3600)/43560)+G137	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I138-21.733))^0.5	=(((2*(F138-4.5)/5	
100	=1.359*E7	=IF(B139-0.2*E8<0,0,(((B139-0.2*E8)^2)/(B139+0.8*E8)	0	=IF(C139<0.01,0,((C139/12)*E6	=E139-G138	=((H139*3600)/43560)+G138	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I139-21.733))^0.5	=(((2*(F139-4.5)/5	
101	=1.359*E7	=IF(B140-0.2*E8<0,0,(((B140-0.2*E8)^2)/(B140+0.8*E8)	0	=IF(C140<0.01,0,((C140/12)*E6	=E140-G139	=((H140*3600)/43560)+G139	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I140-21.733))^0.5	=(((2*(F140-4.5)/5	
102	=1.359*E7	=IF(B141-0.2*E8<0,0,(((B141-0.2*E8)^2)/(B141+0.8*E8)	0	=IF(C141<0.01,0,((C141/12)*E6	=E141-G140	=((H141*3600)/43560)+G140	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I141-21.733))^0.5	=(((2*(F141-4.5)/5	
103	=1.359*E7	=IF(B142-0.2*E8<0,0,(((B142-0.2*E8)^2)/(B142+0.8*E8)	0	=IF(C142<0.01,0,((C142/12)*E6	=E142-G141	=((H142*3600)/43560)+G141	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I142-21.733))^0.5	=(((2*(F142-4.5)/5	
104	=1.359*E7	=IF(B143-0.2*E8<0,0,(((B143-0.2*E8)^2)/(B143+0.8*E8)	0	=IF(C143<0.01,0,((C143/12)*E6	=E143-G142	=((H143*3600)/43560)+G142	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I143-21.733))^0.5	=(((2*(F143-4.5)/5	
105	=1.359*E7	=IF(B144-0.2*E8<0,0,(((B144-0.2*E8)^2)/(B144+0.8*E8)	0	=IF(C144<0.01,0,((C144/12)*E6	=E144-G143	=((H144*3600)/43560)+G143	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I144-21.733))^0.5	=(((2*(F144-4.5)/5	
106	=1.359*E7	=IF(B145-0.2*E8<0,0,(((B145-0.2*E8)^2)/(B145+0.8*E8)	0	=IF(C145<0.01,0,((C145/12)*E6	=E145-G144	=((H145*3600)/43560)+G144	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I145-21.733))^0.5	=(((2*(F145-4.5)/5	
107	=1.359*E7	=IF(B146-0.2*E8<0,0,(((B146-0.2*E8)^2)/(B146+0.8*E8)	0	=IF(C146<0.01,0,((C146/12)*E6	=E146-G145	=((H146*3600)/43560)+G145	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I146-21.733))^0.5	=(((2*(F146-4.5)/5	
108	=1.359*E7	=IF(B147-0.2*E8<0,0,(((B147-0.2*E8)^2)/(B147+0.8*E8)	0	=IF(C147<0.01,0,((C147/12)*E6	=E147-G146	=((H147*3600)/43560)+G146	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I147-21.733))^0.5	=(((2*(F147-4.5)/5	
109	=1.359*E7	=IF(B148-0.2*E8<0,0,(((B148-0.2*E8)^2)/(B148+0.8*E8)	0	=IF(C148<0.01,0,((C148/12)*E6	=E148-G147	=((H148*3600)/43560)+G147	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I148-21.733))^0.5	=(((2*(F148-4.5)/5	
110	=1.359*E7	=IF(B149-0.2*E8<0,0,(((B149-0.2*E8)^2)/(B149+0.8*E8)	0	=IF(C149<0.01,0,((C149/12)*E6	=E149-G148	=((H149*3600)/43560)+G148	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I149-21.733))^0.5	=(((2*(F149-4.5)/5	
111	=1.359*E7	=IF(B150-0.2*E8<0,0,(((B150-0.2*E8)^2)/(B150+0.8*E8)	0	=IF(C150<0.01,0,((C150/12)*E6	=E150-G149	=((H150*3600)/43560)+G149	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I150-21.733))^0.5	=(((2*(F150-4.5)/5	
112	=1.359*E7	=IF(B151-0.2*E8<0,0,(((B151-0.2*E8)^2)/(B151+0.8*E8)	0	=IF(C151<0.01,0,((C151/12)*E6	=E151-G150	=((H151*3600)/43560)+G150	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I151-21.733))^0.5	=(((2*(F151-4.5)/5	
113	=1.359*E7	=IF(B152-0.2*E8<0,0,(((B152-0.2*E8)^2)/(B152+0.8*E8)	0	=IF(C152<0.01,0,((C152/12)*E6	=E152-G151	=((H152*3600)/43560)+G151	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I152-21.733))^0.5	=(((2*(F152-4.5)/5	
114	=1.359*E7	=IF(B153-0.2*E8<0,0,(((B153-0.2*E8)^2)/(B153+0.8*E8)	0	=IF(C153<0.01,0,((C153/12)*E6	=E153-G152	=((H153*3600)/43560)+G152	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I153-21.733))^0.5	=(((2*(F153-4.5)/5	
115	=1.359*E7	=IF(B154-0.2*E8<0,0,(((B154-0.2*E8)^2)/(B154+0.8*E8)	0	=IF(C154<0.01,0,((C154/12)*E6	=E154-G153	=((H154*3600)/43560)+G153	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I154-21.733))^0.5	=(((2*(F154-4.5)/5	
116	=1.359*E7	=IF(B155-0.2*E8<0,0,(((B155-0.2*E8)^2)/(B155+0.8*E8)	0	=IF(C155<0.01,0,((C155/12)*E6	=E155-G154	=((H155*3600)/43560)+G154	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I155-21.733))^0.5	=(((2*(F155-4.5)/5	
117	=1.359*E7	=IF(B156-0.2*E8<0,0,(((B156-0.2*E8)^2)/(B156+0.8*E8)	0	=IF(C156<0.01,0,((C156/12)*E6	=E156-G155	=((H156*3600)/43560)+G155	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I156-21.733))^0.5	=(((2*(F156-4.5)/5	
118	=1.359*E7	=IF(B157-0.2*E8<0,0,(((B157-0.2*E8)^2)/(B157+0.8*E8)	0	=IF(C157<0.01,0,((C157/12)*E6	=E157-G156	=((H157*3600)/43560)+G156	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I157-21.733))^0.5	=(((2*(F157-4.5)/5	
119	=1.359*E7	=IF(B158-0.2*E8<0,0,(((B158-0.2*E8)^2)/(B158+0.8*E8)	0	=IF(C158<0.01,0,((C158/12)*E6	=E158-G157	=((H158*3600)/43560)+G157	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I158-21.733))^0.5	=(((2*(F158-4.5)/5	

	BASINS				RESERVOIR				
Time (hr)	Rainfall (in)	Accum. Runoff (in)	Basin disc	Accum. Inflow (acre-ft)	Volume (acre-ft)	Accum Outflow (acre-ft)	Instant. Discharge (cfs)	Stage (ft)	Comments
120	=1.359*E7	=IF(B159-0.2*E8<0,0,(((B159-0.2*E8)^2)/(B159+0.8*E8))	0	=IF(C159<0.01,0,((C159/12)*E6	=E159-G158	=((H159*3600)/43560)+G15	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I159-21.733))^0.5	=(((2*(F159-4.5)/5	
121	=1.359*E7	=IF(B160-0.2*E8<0,0,(((B160-0.2*E8)^2)/(B160+0.8*E8))	0	=IF(C160<0.01,0,((C160/12)*E6	=E160-G159	=((H160*3600)/43560)+G15	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I160-21.733))^0.5	=(((2*(F160-4.5)/5	
122	=1.359*E7	=IF(B161-0.2*E8<0,0,(((B161-0.2*E8)^2)/(B161+0.8*E8))	0	=IF(C161<0.01,0,((C161/12)*E6	=E161-G160	=((H161*3600)/43560)+G16	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I161-21.733))^0.5	=(((2*(F161-4.5)/5	
123	=1.359*E7	=IF(B162-0.2*E8<0,0,(((B162-0.2*E8)^2)/(B162+0.8*E8))	0	=IF(C162<0.01,0,((C162/12)*E6	=E162-G161	=((H162*3600)/43560)+G16	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I162-21.733))^0.5	=(((2*(F162-4.5)/5	
124	=1.359*E7	=IF(B163-0.2*E8<0,0,(((B163-0.2*E8)^2)/(B163+0.8*E8))	0	=IF(C163<0.01,0,((C163/12)*E6	=E163-G162	=((H163*3600)/43560)+G16	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I163-21.733))^0.5	=(((2*(F163-4.5)/5	
125	=1.359*E7	=IF(B164-0.2*E8<0,0,(((B164-0.2*E8)^2)/(B164+0.8*E8))	0	=IF(C164<0.01,0,((C164/12)*E6	=E164-G163	=((H164*3600)/43560)+G16	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I164-21.733))^0.5	=(((2*(F164-4.5)/5	
126	=1.359*E7	=IF(B165-0.2*E8<0,0,(((B165-0.2*E8)^2)/(B165+0.8*E8))	0	=IF(C165<0.01,0,((C165/12)*E6	=E165-G164	=((H165*3600)/43560)+G16	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I165-21.733))^0.5	=(((2*(F165-4.5)/5	
127	=1.359*E7	=IF(B166-0.2*E8<0,0,(((B166-0.2*E8)^2)/(B166+0.8*E8))	0	=IF(C166<0.01,0,((C166/12)*E6	=E166-G165	=((H166*3600)/43560)+G16	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I166-21.733))^0.5	=(((2*(F166-4.5)/5	
128	=1.359*E7	=IF(B167-0.2*E8<0,0,(((B167-0.2*E8)^2)/(B167+0.8*E8))	0	=IF(C167<0.01,0,((C167/12)*E6	=E167-G166	=((H167*3600)/43560)+G16	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I167-21.733))^0.5	=(((2*(F167-4.5)/5	
129	=1.359*E7	=IF(B168-0.2*E8<0,0,(((B168-0.2*E8)^2)/(B168+0.8*E8))	0	=IF(C168<0.01,0,((C168/12)*E6	=E168-G167	=((H168*3600)/43560)+G16	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I168-21.733))^0.5	=(((2*(F168-4.5)/5	
130	=1.359*E7	=IF(B169-0.2*E8<0,0,(((B169-0.2*E8)^2)/(B169+0.8*E8))	0	=IF(C169<0.01,0,((C169/12)*E6	=E169-G168	=((H169*3600)/43560)+G16	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I169-21.733))^0.5	=(((2*(F169-4.5)/5	
131	=1.359*E7	=IF(B170-0.2*E8<0,0,(((B170-0.2*E8)^2)/(B170+0.8*E8))	0	=IF(C170<0.01,0,((C170/12)*E6	=E170-G169	=((H170*3600)/43560)+G16	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I170-21.733))^0.5	=(((2*(F170-4.5)/5	
132	=1.359*E7	=IF(B171-0.2*E8<0,0,(((B171-0.2*E8)^2)/(B171+0.8*E8))	0	=IF(C171<0.01,0,((C171/12)*E6	=E171-G170	=((H171*3600)/43560)+G17	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I171-21.733))^0.5	=(((2*(F171-4.5)/5	
133	=1.359*E7	=IF(B172-0.2*E8<0,0,(((B172-0.2*E8)^2)/(B172+0.8*E8))	0	=IF(C172<0.01,0,((C172/12)*E6	=E172-G171	=((H172*3600)/43560)+G17	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I172-21.733))^0.5	=(((2*(F172-4.5)/5	
134	=1.359*E7	=IF(B173-0.2*E8<0,0,(((B173-0.2*E8)^2)/(B173+0.8*E8))	0	=IF(C173<0.01,0,((C173/12)*E6	=E173-G172	=((H173*3600)/43560)+G17	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I173-21.733))^0.5	=(((2*(F173-4.5)/5	
135	=1.359*E7	=IF(B174-0.2*E8<0,0,(((B174-0.2*E8)^2)/(B174+0.8*E8))	0	=IF(C174<0.01,0,((C174/12)*E6	=E174-G173	=((H174*3600)/43560)+G17	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I174-21.733))^0.5	=(((2*(F174-4.5)/5	
136	=1.359*E7	=IF(B175-0.2*E8<0,0,(((B175-0.2*E8)^2)/(B175+0.8*E8))	0	=IF(C175<0.01,0,((C175/12)*E6	=E175-G174	=((H175*3600)/43560)+G17	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I175-21.733))^0.5	=(((2*(F175-4.5)/5	
137	=1.359*E7	=IF(B176-0.2*E8<0,0,(((B176-0.2*E8)^2)/(B176+0.8*E8))	0	=IF(C176<0.01,0,((C176/12)*E6	=E176-G175	=((H176*3600)/43560)+G17	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I176-21.733))^0.5	=(((2*(F176-4.5)/5	
138	=1.359*E7	=IF(B177-0.2*E8<0,0,(((B177-0.2*E8)^2)/(B177+0.8*E8))	0	=IF(C177<0.01,0,((C177/12)*E6	=E177-G176	=((H177*3600)/43560)+G17	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I177-21.733))^0.5	=(((2*(F177-4.5)/5	
139	=1.359*E7	=IF(B178-0.2*E8<0,0,(((B178-0.2*E8)^2)/(B178+0.8*E8))	0	=IF(C178<0.01,0,((C178/12)*E6	=E178-G177	=((H178*3600)/43560)+G17	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I178-21.733))^0.5	=(((2*(F178-4.5)/5	
140	=1.359*E7	=IF(B179-0.2*E8<0,0,(((B179-0.2*E8)^2)/(B179+0.8*E8))	0	=IF(C179<0.01,0,((C179/12)*E6	=E179-G178	=((H179*3600)/43560)+G17	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I179-21.733))^0.5	=(((2*(F179-4.5)/5	
141	=1.359*E7	=IF(B180-0.2*E8<0,0,(((B180-0.2*E8)^2)/(B180+0.8*E8))	0	=IF(C180<0.01,0,((C180/12)*E6	=E180-G179	=((H180*3600)/43560)+G17	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I180-21.733))^0.5	=(((2*(F180-4.5)/5	
142	=1.359*E7	=IF(B181-0.2*E8<0,0,(((B181-0.2*E8)^2)/(B181+0.8*E8))	0	=IF(C181<0.01,0,((C181/12)*E6	=E181-G180	=((H181*3600)/43560)+G18	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I181-21.733))^0.5	=(((2*(F181-4.5)/5	
143	=1.359*E7	=IF(B182-0.2*E8<0,0,(((B182-0.2*E8)^2)/(B182+0.8*E8))	0	=IF(C182<0.01,0,((C182/12)*E6	=E182-G181	=((H182*3600)/43560)+G18	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I182-21.733))^0.5	=(((2*(F182-4.5)/5	
144	=1.359*E7	=IF(B183-0.2*E8<0,0,(((B183-0.2*E8)^2)/(B183+0.8*E8))	0	=IF(C183<0.01,0,((C183/12)*E6	=E183-G182	=((H183*3600)/43560)+G18	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I183-21.733))^0.5	=(((2*(F183-4.5)/5	
145	=1.359*E7	=IF(B184-0.2*E8<0,0,(((B184-0.2*E8)^2)/(B184+0.8*E8))	0	=IF(C184<0.01,0,((C184/12)*E6	=E184-G183	=((H184*3600)/43560)+G18	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I184-21.733))^0.5	=(((2*(F184-4.5)/5	
146	=1.359*E7	=IF(B185-0.2*E8<0,0,(((B185-0.2*E8)^2)/(B185+0.8*E8))	0	=IF(C185<0.01,0,((C185/12)*E6	=E185-G184	=((H185*3600)/43560)+G18	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I185-21.733))^0.5	=(((2*(F185-4.5)/5	
147	=1.359*E7	=IF(B186-0.2*E8<0,0,(((B186-0.2*E8)^2)/(B186+0.8*E8))	0	=IF(C186<0.01,0,((C186/12)*E6	=E186-G185	=((H186*3600)/43560)+G18	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I186-21.733))^0.5	=(((2*(F186-4.5)/5	
148	=1.359*E7	=IF(B187-0.2*E8<0,0,(((B187-0.2*E8)^2)/(B187+0.8*E8))	0	=IF(C187<0.01,0,((C187/12)*E6	=E187-G186	=((H187*3600)/43560)+G18	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I187-21.733))^0.5	=(((2*(F187-4.5)/5	
149	=1.359*E7	=IF(B188-0.2*E8<0,0,(((B188-0.2*E8)^2)/(B188+0.8*E8))	0	=IF(C188<0.01,0,((C188/12)*E6	=E188-G187	=((H188*3600)/43560)+G18	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I188-21.733))^0.5	=(((2*(F188-4.5)/5	
150	=1.359*E7	=IF(B189-0.2*E8<0,0,(((B189-0.2*E8)^2)/(B189+0.8*E8))	0	=IF(C189<0.01,0,((C189/12)*E6	=E189-G188	=((H189*3600)/43560)+G18	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I189-21.733))^0.5	=(((2*(F189-4.5)/5	
151	=1.359*E7	=IF(B190-0.2*E8<0,0,(((B190-0.2*E8)^2)/(B190+0.8*E8))	0	=IF(C190<0.01,0,((C190/12)*E6	=E190-G189	=((H190*3600)/43560)+G18	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I190-21.733))^0.5	=(((2*(F190-4.5)/5	
152	=1.359*E7	=IF(B191-0.2*E8<0,0,(((B191-0.2*E8)^2)/(B191+0.8*E8))	0	=IF(C191<0.01,0,((C191/12)*E6	=E191-G190	=((H191*3600)/43560)+G19	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I191-21.733))^0.5	=(((2*(F191-4.5)/5	
153	=1.359*E7	=IF(B192-0.2*E8<0,0,(((B192-0.2*E8)^2)/(B192+0.8*E8))	0	=IF(C192<0.01,0,((C192/12)*E6	=E192-G191	=((H192*3600)/43560)+G19	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I192-21.733))^0.5	=(((2*(F192-4.5)/5	
154	=1.359*E7	=IF(B193-0.2*E8<0,0,(((B193-0.2*E8)^2)/(B193+0.8*E8))	0	=IF(C193<0.01,0,((C193/12)*E6	=E193-G192	=((H193*3600)/43560)+G19	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I193-21.733))^0.5	=(((2*(F193-4.5)/5	
155	=1.359*E7	=IF(B194-0.2*E8<0,0,(((B194-0.2*E8)^2)/(B194+0.8*E8))	0	=IF(C194<0.01,0,((C194/12)*E6	=E194-G193	=((H194*3600)/43560)+G19	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I194-21.733))^0.5	=(((2*(F194-4.5)/5	
156	=1.359*E7	=IF(B195-0.2*E8<0,0,(((B195-0.2*E8)^2)/(B195+0.8*E8))	0	=IF(C195<0.01,0,((C195/12)*E6	=E195-G194	=((H195*3600)/43560)+G19	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I195-21.733))^0.5	=(((2*(F195-4.5)/5	
157	=1.359*E7	=IF(B196-0.2*E8<0,0,(((B196-0.2*E8)^2)/(B196+0.8*E8))	0	=IF(C196<0.01,0,((C196/12)*E6	=E196-G195	=((H196*3600)/43560)+G19	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I196-21.733))^0.5	=(((2*(F196-4.5)/5	
158	=1.359*E7	=IF(B197-0.2*E8<0,0,(((B197-0.2*E8)^2)/(B197+0.8*E8))	0	=IF(C197<0.01,0,((C197/12)*E6	=E197-G196	=((H197*3600)/43560)+G19	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I197-21.733))^0.5	=(((2*(F197-4.5)/5	
159	=1.359*E7	=IF(B198-0.2*E8<0,0,(((B198-0.2*E8)^2)/(B198+0.8*E8))	0	=IF(C198<0.01,0,((C198/12)*E6	=E198-G197	=((H198*3600)/43560)+G19	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I198-21.733))^0.5	=(((2*(F198-4.5)/5	
160	=1.359*E7	=IF(B199-0.2*E8<0,0,(((B199-0.2*E8)^2)/(B199+0.8*E8))	0	=IF(C199<0.01,0,((C199/12)*E6	=E199-G198	=((H199*3600)/43560)+G19	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I199-21.733))^0.5	=(((2*(F199-4.5)/5	
161	=1.359*E7	=IF(B200-0.2*E8<0,0,(((B200-0.2*E8)^2)/(B200+0.8*E8))	0	=IF(C200<0.01,0,((C200/12)*E6	=E200-G199	=((H200*3600)/43560)+G19	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I200-21.733))^0.5	=(((2*(F200-4.5)/5	
162	=1.359*E7	=IF(B201-0.2*E8<0,0,(((B201-0.2*E8)^2)/(B201+0.8*E8))	0	=IF(C201<0.01,0,((C201/12)*E6	=E201-G200	=((H201*3600)/43560)+G20	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I201-21.733))^0.5	=(((2*(F201-4.5)/5	
163	=1.359*E7	=IF(B202-0.2*E8<0,0,(((B202-0.2*E8)^2)/(B202+0.8*E8))	0	=IF(C202<0.01,0,((C202/12)*E6	=E202-G201	=((H202*3600)/43560)+G20	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I202-21.733))^0.5	=(((2*(F202-4.5)/5	
164	=1.359*E7	=IF(B203-0.2*E8<0,0,(((B203-0.2*E8)^2)/(B203+0.8*E8))	0	=IF(C203<0.01,0,((C203/12)*E6	=E203-G202	=((H203*3600)/43560)+G20	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I203-21.733))^0.5	=(((2*(F203-4.5)/5	
165	=1.359*E7	=IF(B204-0.2*E8<0,0,(((B204-0.2*E8)^2)/(B204+0.8*E8))	0	=IF(C204<0.01,0,((C204/12)*E6	=E204-G203	=((H204*3600)/43560)+G20	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I204-21.733))^0.5	=(((2*(F204-4.5)/5	
166	=1.359*E7	=IF(B205-0.2*E8<0,0,(((B205-0.2*E8)^2)/(B205+0.8*E8))	0	=IF(C205<0.01,0,((C205/12)*E6	=E205-G204	=((H205*3600)/43560)+G20	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I205-21.733))^0.5	=(((2*(F205-4.5)/5	
167	=1.359*E7	=IF(B206-0.2*E8<0,0,(((B206-0.2*E8)^2)/(B206+0.8*E8))	0	=IF(C206<0.01,0,((C206/12)*E6	=E206-G205	=((H206*3600)/43560)+G20	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I206-21.733))^0.5	=(((2*(F206-4.5)/5	
168	=1.359*E7	=IF(B207-0.2*E8<0,0,(((B207-0.2*E8)^2)/(B207+0.8*E8))	0	=IF(C207<0.01,0,((C207/12)*E6	=E207-G206	=((H207*3600)/43560)+G20	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I207-21.733))^0.5	=(((2*(F207-4.5)/5	
169	=1.359*E7	=IF(B208-0.2*E8<0,0,(((B208-0.2*E8)^2)/(B208+0.8*E8))	0	=IF(C208<0.01,0,((C208/12)*E6	=E208-G207-4.6	=((H208*3600)/43560)+G20	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I208-21.733))^0.5	=(((2*(F208-3.1)/	Basin 1 drain only
170	=1.359*E7	=IF(B209-0.2*E8<0,0,(((B209-0.2*E8)^2)/(B209+0.8*E8))	0	=IF(C209<0.01,0,((C209/12)*E6	=E209-G208-4.6	=((H209*3600)/43560)+G20	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I209-21.733))^0.5	=(((2*(F209-3.1)/	
171	=1.359*E7	=IF(B210-0.2*E8<0,0,(((B210-0.2*E8)^2)/(B210+0.8*E8))	0	=IF(C210<0.01,0,((C210/12)*E6	=E210-G209-4.6	=((H210*3600)/43560)+G20	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I210-21.733))^0.5	=(((2*(F210-3.1)/	
172	=1.359*E7	=IF(B211-0.2*E8<0,0,(((B211-0.2*E8)^2)/(B211+0.8*E8))	0	=IF(C211<0.01,0,((C211/12)*E6	=E211-G210-4.6	=((H211*3600)/43560)+G21	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I211-21.733))^0.5	=(((2*(F211-3.1)/	
173	=1.359*E7	=IF(B212-0.2*E8<0,0,(((B212-0.2*E8)^2)/(B212+0.8*E8))	0	=IF(C212<0.01,0,((C212/12)*E6	=E212-G211-4.6	=((H212*3600)/43560)+G21	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I212-21.733))^0.5	=(((2*(F212-3.1)/	
174	=1.359*E7	=IF(B213-0.2*E8<0,0,(((B213-0.2*E8)^2)/(B213+0.8*E8))	0	=IF(C213<0.01,0,((C213/12)*E6	=E213-G212-4.6	=((H213*3600)/43560)+G21	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I213-21.733))^0.5	=(((2*(F213-3.1)/	
175	=1.359*E7	=IF(B214-0.2*E8<0,0,(((B214-0.2*E8)^2)/(B214+0.8*E8))	0	=IF(C214<0.01,0,((C214/12)*E6	=E214-G213-4.6	=((H214*3600)/43560)+G21	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I214-21.733))^0.5	=(((2*(F214-3.1)/	
176	=1.359*E7	=IF(B215-0.2*E8<0,0,(((B215-0.2*E8)^2)/(B215+0.8*E8))	0	=IF(C215<0.01,0,((C215/12)*E6	=E215-G214-4.6	=((H215*3600)/43560)+G21	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I215-21.733))^0.5	=(((2*(F215-3.1)/	
177	=1.359*E7	=IF(B216-0.2*E8<0,0,(((B216-0.2*E8)^2)/(B216+0.8*E8))	0	=IF(C216<0.01,0,((C216/12)*E6	=E216-G215-4.6	=((H216*3600)/43560)+G21	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I216-21.733))^0.5	=(((2*(F216-3.1)/	
178	=1.359*E7	=IF(B217-0.2*E8<0,0,(((B217-0.2*E8)^2)/(B217+0.8*E8))	0	=IF(C217<0.01,0,((C217/12)*E6	=E217-G216-4.6	=((H217*3600)/43560)+G21	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I217-21.733))^0.5	=(((2*(F217-3.1)/	
179	=1.359*E7	=IF(B218-0.2*E8<0,0,(((B218-0.2*E8)^2)/(B218+0.8*E8))	0	=IF(C218<0.01,0,((C218/12)*E6	=E218-G217-4.6	=((H218*3600)/43560)+G21	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I218-21.733))^0.5	=(((2*(F218-3.1)/	

Time (hr)	BASINS: Rainfall (in)	BASINS: Accum. Runoff (in)	BASINS: Basin disc	BASINS: Accum. Inflow (acre-ft)	RESERVOIR: Volume (acre-ft)	RESERVOIR: Accum Outflow (acre-ft)	RESERVOIR: Instant. Discharge (cfs)	RESERVOIR: Stage (ft)	Comments
180	=1.359*E7	=IF(B219-0.2*E8<0,0,(((B219-0.2*E8)^2)/(B219+0.8*E8))	0	=IF(C219<0.01,0,((C219/12)*E6	=E219-G218-4.6	=((H219*3600)/43560)+G21	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I219-21.733))^0.5	=(((2*(F219-3.1)/	
181	=1.359*E7	=IF(B220-0.2*E8<0,0,(((B220-0.2*E8)^2)/(B220+0.8*E8))	0	=IF(C220<0.01,0,((C220/12)*E6	=E220-G219-4.6	=((H220*3600)/43560)+G21	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I220-21.733))^0.5	=(((2*(F220-3.1)/	
182	=1.359*E7	=IF(B221-0.2*E8<0,0,(((B221-0.2*E8)^2)/(B221+0.8*E8))	0	=IF(C221<0.01,0,((C221/12)*E6	=E221-G220-4.6	=((H221*3600)/43560)+G22	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I221-21.733))^0.5	=(((2*(F221-3.1)/	
183	=1.359*E7	=IF(B222-0.2*E8<0,0,(((B222-0.2*E8)^2)/(B222+0.8*E8))	0	=IF(C222<0.01,0,((C222/12)*E6	=E222-G221-4.6	=((H222*3600)/43560)+G22	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I222-21.733))^0.5	=(((2*(F222-3.1)/	
184	=1.359*E7	=IF(B223-0.2*E8<0,0,(((B223-0.2*E8)^2)/(B223+0.8*E8))	0	=IF(C223<0.01,0,((C223/12)*E6	=E223-G222-4.6	=((H223*3600)/43560)+G22	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I223-21.733))^0.5	=(((2*(F223-3.1)/	
185	=1.359*E7	=IF(B224-0.2*E8<0,0,(((B224-0.2*E8)^2)/(B224+0.8*E8))	0	=IF(C224<0.01,0,((C224/12)*E6	=E224-G223-4.6	=((H224*3600)/43560)+G22	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I224-21.733))^0.5	=(((2*(F224-3.1)/	
186	=1.359*E7	=IF(B225-0.2*E8<0,0,(((B225-0.2*E8)^2)/(B225+0.8*E8))	0	=IF(C225<0.01,0,((C225/12)*E6	=E225-G224-4.6	=((H225*3600)/43560)+G22	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I225-21.733))^0.5	=(((2*(F225-3.1)/	
187	=1.359*E7	=IF(B226-0.2*E8<0,0,(((B226-0.2*E8)^2)/(B226+0.8*E8))	0	=IF(C226<0.01,0,((C226/12)*E6	=E226-G225-4.6	=((H226*3600)/43560)+G22	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I226-21.733))^0.5	=(((2*(F226-3.1)/	
188	=1.359*E7	=IF(B227-0.2*E8<0,0,(((B227-0.2*E8)^2)/(B227+0.8*E8))	0	=IF(C227<0.01,0,((C227/12)*E6	=E227-G226-4.6	=((H227*3600)/43560)+G22	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I227-21.733))^0.5	=(((2*(F227-3.1)/	
189	=1.359*E7	=IF(B228-0.2*E8<0,0,(((B228-0.2*E8)^2)/(B228+0.8*E8))	0	=IF(C228<0.01,0,((C228/12)*E6	=E228-G227-4.6	=((H228*3600)/43560)+G22	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I228-21.733))^0.5	=(((2*(F228-3.1)/	
190	=1.359*E7	=IF(B229-0.2*E8<0,0,(((B229-0.2*E8)^2)/(B229+0.8*E8))	0	=IF(C229<0.01,0,((C229/12)*E6	=E229-G228-4.6	=((H229*3600)/43560)+G22	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I229-21.733))^0.5	=(((2*(F229-3.1)/	
191	=1.359*E7	=IF(B230-0.2*E8<0,0,(((B230-0.2*E8)^2)/(B230+0.8*E8))	0	=IF(C230<0.01,0,((C230/12)*E6	=E230-G229-4.6	=((H230*3600)/43560)+G22	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I230-21.733))^0.5	=(((2*(F230-3.1)/	
192	=1.359*E7	=IF(B231-0.2*E8<0,0,(((B231-0.2*E8)^2)/(B231+0.8*E8))	0	=IF(C231<0.01,0,((C231/12)*E6	=E231-G230-4.6	=((H231*3600)/43560)+G23	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I231-21.733))^0.5	=(((2*(F231-3.1)/	
193	=1.359*E7	=IF(B232-0.2*E8<0,0,(((B232-0.2*E8)^2)/(B232+0.8*E8))	0	=IF(C232<0.01,0,((C232/12)*E6	=E232-G231-4.6	=((H232*3600)/43560)+G23	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I232-21.733))^0.5	=(((2*(F232-3.1)/	
194	=1.359*E7	=IF(B233-0.2*E8<0,0,(((B233-0.2*E8)^2)/(B233+0.8*E8))	0	=IF(C233<0.01,0,((C233/12)*E6	=E233-G232-4.6	=((H233*3600)/43560)+G23	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I233-21.733))^0.5	=(((2*(F233-3.1)/	
195	=1.359*E7	=IF(B234-0.2*E8<0,0,(((B234-0.2*E8)^2)/(B234+0.8*E8))	0	=IF(C234<0.01,0,((C234/12)*E6	=E234-G233-4.6	=((H234*3600)/43560)+G23	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I234-21.733))^0.5	=(((2*(F234-3.1)/	
196	=1.359*E7	=IF(B235-0.2*E8<0,0,(((B235-0.2*E8)^2)/(B235+0.8*E8))	0	=IF(C235<0.01,0,((C235/12)*E6	=E235-G234-4.6	=((H235*3600)/43560)+G23	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I235-21.733))^0.5	=(((2*(F235-3.1)/	
197	=1.359*E7	=IF(B236-0.2*E8<0,0,(((B236-0.2*E8)^2)/(B236+0.8*E8))	0	=IF(C236<0.01,0,((C236/12)*E6	=E236-G235-4.6	=((H236*3600)/43560)+G23	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I236-21.733))^0.5	=(((2*(F236-3.1)/	
198	=1.359*E7	=IF(B237-0.2*E8<0,0,(((B237-0.2*E8)^2)/(B237+0.8*E8))	0	=IF(C237<0.01,0,((C237/12)*E6	=E237-G236-4.6	=((H237*3600)/43560)+G23	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I237-21.733))^0.5	=(((2*(F237-3.1)/	
199	=1.359*E7	=IF(B238-0.2*E8<0,0,(((B238-0.2*E8)^2)/(B238+0.8*E8))	0	=IF(C238<0.01,0,((C238/12)*E6	=E238-G237-4.6	=((H238*3600)/43560)+G23	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I238-21.733))^0.5	=(((2*(F238-3.1)/	
200	=1.359*E7	=IF(B239-0.2*E8<0,0,(((B239-0.2*E8)^2)/(B239+0.8*E8))	0	=IF(C239<0.01,0,((C239/12)*E6	=E239-G238-4.6	=((H239*3600)/43560)+G23	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I239-21.733))^0.5	=(((2*(F239-3.1)/	
201	=1.359*E7	=IF(B240-0.2*E8<0,0,(((B240-0.2*E8)^2)/(B240+0.8*E8))	0	=IF(C240<0.01,0,((C240/12)*E6	=E240-G239-4.6	=((H240*3600)/43560)+G23	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I240-21.733))^0.5	=(((2*(F240-3.1)/	
202	=1.359*E7	=IF(B241-0.2*E8<0,0,(((B241-0.2*E8)^2)/(B241+0.8*E8))	0	=IF(C241<0.01,0,((C241/12)*E6	=E241-G240-4.6	=((H241*3600)/43560)+G24	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I241-21.733))^0.5	=(((2*(F241-3.1)/	
203	=1.359*E7	=IF(B242-0.2*E8<0,0,(((B242-0.2*E8)^2)/(B242+0.8*E8))	0	=IF(C242<0.01,0,((C242/12)*E6	=E242-G241-4.6	=((H242*3600)/43560)+G24	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I242-21.733))^0.5	=(((2*(F242-3.1)/	
204	=1.359*E7	=IF(B243-0.2*E8<0,0,(((B243-0.2*E8)^2)/(B243+0.8*E8))	0	=IF(C243<0.01,0,((C243/12)*E6	=E243-G242-4.6	=((H243*3600)/43560)+G24	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I243-21.733))^0.5	=(((2*(F243-3.1)/	
205	=1.359*E7	=IF(B244-0.2*E8<0,0,(((B244-0.2*E8)^2)/(B244+0.8*E8))	0	=IF(C244<0.01,0,((C244/12)*E6	=E244-G243-4.6	=((H244*3600)/43560)+G24	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I244-21.733))^0.5	=(((2*(F244-3.1)/	
206	=1.359*E7	=IF(B245-0.2*E8<0,0,(((B245-0.2*E8)^2)/(B245+0.8*E8))	0	=IF(C245<0.01,0,((C245/12)*E6	=E245-G244-4.6	=((H245*3600)/43560)+G24	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I245-21.733))^0.5	=(((2*(F245-3.1)/	
207	=1.359*E7	=IF(B246-0.2*E8<0,0,(((B246-0.2*E8)^2)/(B246+0.8*E8))	0	=IF(C246<0.01,0,((C246/12)*E6	=E246-G245-4.6	=((H246*3600)/43560)+G24	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I246-21.733))^0.5	=(((2*(F246-3.1)/	
208	=1.359*E7	=IF(B247-0.2*E8<0,0,(((B247-0.2*E8)^2)/(B247+0.8*E8))	0	=IF(C247<0.01,0,((C247/12)*E6	=E247-G246-4.6	=((H247*3600)/43560)+G24	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I247-21.733))^0.5	=(((2*(F247-3.1)/	
209	=1.359*E7	=IF(B248-0.2*E8<0,0,(((B248-0.2*E8)^2)/(B248+0.8*E8))	0	=IF(C248<0.01,0,((C248/12)*E6	=E248-G247-4.6	=((H248*3600)/43560)+G24	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I248-21.733))^0.5	=(((2*(F248-3.1)/	
210	=1.359*E7	=IF(B249-0.2*E8<0,0,(((B249-0.2*E8)^2)/(B249+0.8*E8))	0	=IF(C249<0.01,0,((C249/12)*E6	=E249-G248-4.6	=((H249*3600)/43560)+G24	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I249-21.733))^0.5	=(((2*(F249-3.1)/	
211	=1.359*E7	=IF(B250-0.2*E8<0,0,(((B250-0.2*E8)^2)/(B250+0.8*E8))	0	=IF(C250<0.01,0,((C250/12)*E6	=E250-G249-4.6	=((H250*3600)/43560)+G24	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I250-21.733))^0.5	=(((2*(F250-3.1)/	
212	=1.359*E7	=IF(B251-0.2*E8<0,0,(((B251-0.2*E8)^2)/(B251+0.8*E8))	0	=IF(C251<0.01,0,((C251/12)*E6	=E251-G250-4.6	=((H251*3600)/43560)+G25	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I251-21.733))^0.5	=(((2*(F251-3.1)/	
213	=1.359*E7	=IF(B252-0.2*E8<0,0,(((B252-0.2*E8)^2)/(B252+0.8*E8))	0	=IF(C252<0.01,0,((C252/12)*E6	=E252-G251-4.6	=((H252*3600)/43560)+G25	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I252-21.733))^0.5	=(((2*(F252-3.1)/	
214	=1.359*E7	=IF(B253-0.2*E8<0,0,(((B253-0.2*E8)^2)/(B253+0.8*E8))	0	=IF(C253<0.01,0,((C253/12)*E6	=E253-G252-4.6	=((H253*3600)/43560)+G25	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I253-21.733))^0.5	=(((2*(F253-3.1)/	
215	=1.359*E7	=IF(B254-0.2*E8<0,0,(((B254-0.2*E8)^2)/(B254+0.8*E8))	0	=IF(C254<0.01,0,((C254/12)*E6	=E254-G253-4.6	=((H254*3600)/43560)+G25	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I254-21.733))^0.5	=(((2*(F254-3.1)/	
216	=1.359*E7	=IF(B255-0.2*E8<0,0,(((B255-0.2*E8)^2)/(B255+0.8*E8))	0	=IF(C255<0.01,0,((C255/12)*E6	=E255-G254-4.6	=((H255*3600)/43560)+G25	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I255-21.733))^0.5	=(((2*(F255-3.1)/	
217	=1.359*E7	=IF(B256-0.2*E8<0,0,(((B256-0.2*E8)^2)/(B256+0.8*E8))	0	=IF(C256<0.01,0,((C256/12)*E6	=E256-G255-4.6	=((H256*3600)/43560)+G25	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I256-21.733))^0.5	=(((2*(F256-3.1)/	
218	=1.359*E7	=IF(B257-0.2*E8<0,0,(((B257-0.2*E8)^2)/(B257+0.8*E8))	0	=IF(C257<0.01,0,((C257/12)*E6	=E257-G256-4.6	=((H257*3600)/43560)+G25	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I257-21.733))^0.5	=(((2*(F257-3.1)/	
219	=1.359*E7	=IF(B258-0.2*E8<0,0,(((B258-0.2*E8)^2)/(B258+0.8*E8))	0	=IF(C258<0.01,0,((C258/12)*E6	=E258-G257-4.6	=((H258*3600)/43560)+G25	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I258-21.733))^0.5	=(((2*(F258-3.1)/	
220	=1.359*E7	=IF(B259-0.2*E8<0,0,(((B259-0.2*E8)^2)/(B259+0.8*E8))	0	=IF(C259<0.01,0,((C259/12)*E6	=E259-G258-4.6	=((H259*3600)/43560)+G25	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I259-21.733))^0.5	=(((2*(F259-3.1)/	
221	=1.359*E7	=IF(B260-0.2*E8<0,0,(((B260-0.2*E8)^2)/(B260+0.8*E8))	0	=IF(C260<0.01,0,((C260/12)*E6	=E260-G259-4.6	=((H260*3600)/43560)+G25	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I260-21.733))^0.5	=(((2*(F260-3.1)/	
222	=1.359*E7	=IF(B261-0.2*E8<0,0,(((B261-0.2*E8)^2)/(B261+0.8*E8))	0	=IF(C261<0.01,0,((C261/12)*E6	=E261-G260-4.6	=((H261*3600)/43560)+G26	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I261-21.733))^0.5	=(((2*(F261-3.1)/	
223	=1.359*E7	=IF(B262-0.2*E8<0,0,(((B262-0.2*E8)^2)/(B262+0.8*E8))	0	=IF(C262<0.01,0,((C262/12)*E6	=E262-G261-4.6	=((H262*3600)/43560)+G26	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I262-21.733))^0.5	=(((2*(F262-3.1)/	
224	=1.359*E7	=IF(B263-0.2*E8<0,0,(((B263-0.2*E8)^2)/(B263+0.8*E8))	0	=IF(C263<0.01,0,((C263/12)*E6	=E263-G262-4.6	=((H263*3600)/43560)+G26	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I263-21.733))^0.5	=(((2*(F263-3.1)/	
225	=1.359*E7	=IF(B264-0.2*E8<0,0,(((B264-0.2*E8)^2)/(B264+0.8*E8))	0	=IF(C264<0.01,0,((C264/12)*E6	=E264-G263-4.6	=((H264*3600)/43560)+G26	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I264-21.733))^0.5	=(((2*(F264-3.1)/	
226	=1.359*E7	=IF(B265-0.2*E8<0,0,(((B265-0.2*E8)^2)/(B265+0.8*E8))	0	=IF(C265<0.01,0,((C265/12)*E6	=E265-G264-4.6	=((H265*3600)/43560)+G26	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I265-21.733))^0.5	=(((2*(F265-3.1)/	
227	=1.359*E7	=IF(B266-0.2*E8<0,0,(((B266-0.2*E8)^2)/(B266+0.8*E8))	0	=IF(C266<0.01,0,((C266/12)*E6	=E266-G265-4.6	=((H266*3600)/43560)+G26	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I266-21.733))^0.5	=(((2*(F266-3.1)/	
228	=1.359*E7	=IF(B267-0.2*E8<0,0,(((B267-0.2*E8)^2)/(B267+0.8*E8))	0	=IF(C267<0.01,0,((C267/12)*E6	=E267-G266-4.6	=((H267*3600)/43560)+G26	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I267-21.733))^0.5	=(((2*(F267-3.1)/	
229	=1.359*E7	=IF(B268-0.2*E8<0,0,(((B268-0.2*E8)^2)/(B268+0.8*E8))	0	=IF(C268<0.01,0,((C268/12)*E6	=E268-G267-4.6	=((H268*3600)/43560)+G26	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I268-21.733))^0.5	=(((2*(F268-3.1)/	
230	=1.359*E7	=IF(B269-0.2*E8<0,0,(((B269-0.2*E8)^2)/(B269+0.8*E8))	0	=IF(C269<0.01,0,((C269/12)*E6	=E269-G268-4.6	=((H269*3600)/43560)+G26	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I269-21.733))^0.5	=(((2*(F269-3.1)/	
231	=1.359*E7	=IF(B270-0.2*E8<0,0,(((B270-0.2*E8)^2)/(B270+0.8*E8))	0	=IF(C270<0.01,0,((C270/12)*E6	=E270-G269-4.6	=((H270*3600)/43560)+G26	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I270-21.733))^0.5	=(((2*(F270-3.1)/	
232	=1.359*E7	=IF(B271-0.2*E8<0,0,(((B271-0.2*E8)^2)/(B271+0.8*E8))	0	=IF(C271<0.01,0,((C271/12)*E6	=E271-G270-4.6	=((H271*3600)/43560)+G27	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I271-21.733))^0.5	=(((2*(F271-3.1)/	
233	=1.359*E7	=IF(B272-0.2*E8<0,0,(((B272-0.2*E8)^2)/(B272+0.8*E8))	0	=IF(C272<0.01,0,((C272/12)*E6	=E272-G271-4.6	=((H272*3600)/43560)+G27	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I272-21.733))^0.5	=(((2*(F272-3.1)/	
234	=1.359*E7	=IF(B273-0.2*E8<0,0,(((B273-0.2*E8)^2)/(B273+0.8*E8))	0	=IF(C273<0.01,0,((C273/12)*E6	=E273-G272-4.6	=((H273*3600)/43560)+G27	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I273-21.733))^0.5	=(((2*(F273-3.1)/	
235	=1.359*E7	=IF(B274-0.2*E8<0,0,(((B274-0.2*E8)^2)/(B274+0.8*E8))	0	=IF(C274<0.01,0,((C274/12)*E6	=E274-G273-4.6	=((H274*3600)/43560)+G27	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I274-21.733))^0.5	=(((2*(F274-3.1)/	
236	=1.359*E7	=IF(B275-0.2*E8<0,0,(((B275-0.2*E8)^2)/(B275+0.8*E8))	0	=IF(C275<0.01,0,((C275/12)*E6	=E275-G274-4.6	=((H275*3600)/43560)+G27	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I275-21.733))^0.5	=(((2*(F275-3.1)/	begin partial flow
237	=1.359*E7	=IF(B276-0.2*E8<0,0,(((B276-0.2*E8)^2)/(B276+0.8*E8))	0	=IF(C276<0.01,0,((C276/12)*E6	=E276-G275-4.6	=((H276*3600)/43560)+G27	=0.6*((3.14159*0.667^2)/4)*(2*32.2*(I276-21.733))^0.5	=(F276/5.1)+21.4	stage formula change
238	=1.359*E7	=IF(B277-0.2*E8<0,0,(((B277-0.2*E8)^2)/(B277+0.8*E8))	0	=IF(C277<0.01,0,((C277/12)*E6	=E277-G276-4.6	=((H277*3600)/43560)+G27	=0.48*(((I277-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F277/5.1)+21.4	
239	=1.359*E7	=IF(B278-0.2*E8<0,0,(((B278-0.2*E8)^2)/(B278+0.8*E8))	0	=IF(C278<0.01,0,((C278/12)*E6	=E278-G277-4.6	=((H278*3600)/43560)+G27	=0.48*(((I278-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F278/5.1)+21.4	

		BASINS			RESERVOIR				
Time (hr)	Rainfall (in)	Accum. Runoff (in)	Basin disc	Accum. Inflow (acre-ft)	Volume (acre-ft)	Accum Outflow (acre-ft)	Instant. Discharge (cfs)	Stage (ft)	Comments
240	=1.359*E7	=IF(B279-0.2*E8<0,0,(((B279-0.2*E8)^2)/(B279+0.8*E8)	0	=IF(C279<0.01,0,((C279/12)*E6	=E279-G278-4.6	=((H279*3600)/43560)+G27	=0.48*(((I279-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F279/5.1)+21.4	
241	=1.359*E7	=IF(B280-0.2*E8<0,0,(((B280-0.2*E8)^2)/(B280+0.8*E8)	0	=IF(C280<0.01,0,((C280/12)*E6	=E280-G279-4.6	=((H280*3600)/43560)+G27	=0.48*(((I280-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F280/5.1)+21.4	
242	=1.359*E7	=IF(B281-0.2*E8<0,0,(((B281-0.2*E8)^2)/(B281+0.8*E8)	0	=IF(C281<0.01,0,((C281/12)*E6	=E281-G280-4.6	=((H281*3600)/43560)+G28	=0.48*(((I281-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F281/5.1)+21.4	
243	=1.359*E7	=IF(B282-0.2*E8<0,0,(((B282-0.2*E8)^2)/(B282+0.8*E8)	0	=IF(C282<0.01,0,((C282/12)*E6	=E282-G281-4.6	=((H282*3600)/43560)+G28	=0.48*(((I282-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F282/5.1)+21.4	
244	=1.359*E7	=IF(B283-0.2*E8<0,0,(((B283-0.2*E8)^2)/(B283+0.8*E8)	0	=IF(C283<0.01,0,((C283/12)*E6	=E283-G282-4.6	=((H283*3600)/43560)+G28	=0.48*(((I283-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F283/5.1)+21.4	
245	=1.359*E7	=IF(B284-0.2*E8<0,0,(((B284-0.2*E8)^2)/(B284+0.8*E8)	0	=IF(C284<0.01,0,((C284/12)*E6	=E284-G283-4.6	=((H284*3600)/43560)+G28	=0.48*(((I284-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F284/5.1)+21.4	
246	=1.359*E7	=IF(B285-0.2*E8<0,0,(((B285-0.2*E8)^2)/(B285+0.8*E8)	0	=IF(C285<0.01,0,((C285/12)*E6	=E285-G284-4.6	=((H285*3600)/43560)+G28	=0.48*(((I285-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F285/5.1)+21.4	
247	=1.359*E7	=IF(B286-0.2*E8<0,0,(((B286-0.2*E8)^2)/(B286+0.8*E8)	0	=IF(C286<0.01,0,((C286/12)*E6	=E286-G285-4.6	=((H286*3600)/43560)+G28	=0.48*(((I286-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F286/5.1)+21.4	
248	=1.359*E7	=IF(B287-0.2*E8<0,0,(((B287-0.2*E8)^2)/(B287+0.8*E8)	0	=IF(C287<0.01,0,((C287/12)*E6	=E287-G286-4.6	=((H287*3600)/43560)+G28	=0.48*(((I287-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F287/5.1)+21.4	
249	=1.359*E7	=IF(B288-0.2*E8<0,0,(((B288-0.2*E8)^2)/(B288+0.8*E8)	0	=IF(C288<0.01,0,((C288/12)*E6	=E288-G287-4.6	=((H288*3600)/43560)+G28	=0.48*(((I288-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F288/5.1)+21.4	
250	=1.359*E7	=IF(B289-0.2*E8<0,0,(((B289-0.2*E8)^2)/(B289+0.8*E8)	0	=IF(C289<0.01,0,((C289/12)*E6	=E289-G288-4.6	=((H289*3600)/43560)+G28	=0.48*(((I289-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F289/5.1)+21.4	
251	=1.359*E7	=IF(B290-0.2*E8<0,0,(((B290-0.2*E8)^2)/(B290+0.8*E8)	0	=IF(C290<0.01,0,((C290/12)*E6	=E290-G289-4.6	=((H290*3600)/43560)+G28	=0.48*(((I290-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F290/5.1)+21.4	
252	=1.359*E7	=IF(B291-0.2*E8<0,0,(((B291-0.2*E8)^2)/(B291+0.8*E8)	0	=IF(C291<0.01,0,((C291/12)*E6	=E291-G290-4.6	=((H291*3600)/43560)+G29	=0.48*(((I291-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F291/5.1)+21.4	
253	=1.359*E7	=IF(B292-0.2*E8<0,0,(((B292-0.2*E8)^2)/(B292+0.8*E8)	0	=IF(C292<0.01,0,((C292/12)*E6	=E292-G291-4.6	=((H292*3600)/43560)+G29	=0.48*(((I292-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F292/5.1)+21.4	
254	=1.359*E7	=IF(B293-0.2*E8<0,0,(((B293-0.2*E8)^2)/(B293+0.8*E8)	0	=IF(C293<0.01,0,((C293/12)*E6	=E293-G292-4.6	=((H293*3600)/43560)+G29	=0.48*(((I293-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F293/5.1)+21.4	
255	=1.359*E7	=IF(B294-0.2*E8<0,0,(((B294-0.2*E8)^2)/(B294+0.8*E8)	0	=IF(C294<0.01,0,((C294/12)*E6	=E294-G293-4.6	=((H294*3600)/43560)+G29	=0.48*(((I294-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F294/5.1)+21.4	
256	=1.359*E7	=IF(B295-0.2*E8<0,0,(((B295-0.2*E8)^2)/(B295+0.8*E8)	0	=IF(C295<0.01,0,((C295/12)*E6	=E295-G294-4.6	=((H295*3600)/43560)+G29	=0.48*(((I295-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F295/5.1)+21.4	
257	=1.359*E7	=IF(B296-0.2*E8<0,0,(((B296-0.2*E8)^2)/(B296+0.8*E8)	0	=IF(C296<0.01,0,((C296/12)*E6	=E296-G295-4.6	=((H296*3600)/43560)+G29	=0.48*(((I296-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F296/5.1)+21.4	
258	=1.359*E7	=IF(B297-0.2*E8<0,0,(((B297-0.2*E8)^2)/(B297+0.8*E8)	0	=IF(C297<0.01,0,((C297/12)*E6	=E297-G296-4.6	=((H297*3600)/43560)+G29	=0.48*(((I297-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F297/5.1)+21.4	
259	=1.359*E7	=IF(B298-0.2*E8<0,0,(((B298-0.2*E8)^2)/(B298+0.8*E8)	0	=IF(C298<0.01,0,((C298/12)*E6	=E298-G297-4.6	=((H298*3600)/43560)+G29	=0.48*(((I298-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F298/5.1)+21.4	
260	=1.359*E7	=IF(B299-0.2*E8<0,0,(((B299-0.2*E8)^2)/(B299+0.8*E8)	0	=IF(C299<0.01,0,((C299/12)*E6	=E299-G298-4.6	=((H299*3600)/43560)+G29	=0.48*(((I299-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F299/5.1)+21.4	
261	=1.359*E7	=IF(B300-0.2*E8<0,0,(((B300-0.2*E8)^2)/(B300+0.8*E8)	0	=IF(C300<0.01,0,((C300/12)*E6	=E300-G299-4.6	=((H300*3600)/43560)+G29	=0.48*(((I300-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F300/5.1)+21.4	
262	=1.359*E7	=IF(B301-0.2*E8<0,0,(((B301-0.2*E8)^2)/(B301+0.8*E8)	0	=IF(C301<0.01,0,((C301/12)*E6	=E301-G300-4.6	=((H301*3600)/43560)+G30	=0.48*(((I301-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F301/5.1)+21.4	
263	=1.359*E7	=IF(B302-0.2*E8<0,0,(((B302-0.2*E8)^2)/(B302+0.8*E8)	0	=IF(C302<0.01,0,((C302/12)*E6	=E302-G301-4.6	=((H302*3600)/43560)+G30	=0.48*(((I302-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F302/5.1)+21.4	
264	=1.359*E7	=IF(B303-0.2*E8<0,0,(((B303-0.2*E8)^2)/(B303+0.8*E8)	0	=IF(C303<0.01,0,((C303/12)*E6	=E303-G302-4.6	=((H303*3600)/43560)+G30	=0.48*(((I303-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F303/5.1)+21.4	
265	=1.359*E7	=IF(B304-0.2*E8<0,0,(((B304-0.2*E8)^2)/(B304+0.8*E8)	0	=IF(C304<0.01,0,((C304/12)*E6	=E304-G303-4.6	=((H304*3600)/43560)+G30	=0.48*(((I304-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F304/5.1)+21.4	
266	=1.359*E7	=IF(B305-0.2*E8<0,0,(((B305-0.2*E8)^2)/(B305+0.8*E8)	0	=IF(C305<0.01,0,((C305/12)*E6	=E305-G304-4.6	=((H305*3600)/43560)+G30	=0.48*(((I305-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F305/5.1)+21.4	
267	=1.359*E7	=IF(B306-0.2*E8<0,0,(((B306-0.2*E8)^2)/(B306+0.8*E8)	0	=IF(C306<0.01,0,((C306/12)*E6	=E306-G305-4.6	=((H306*3600)/43560)+G30	=0.48*(((I306-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F306/5.1)+21.4	
268	=1.359*E7	=IF(B307-0.2*E8<0,0,(((B307-0.2*E8)^2)/(B307+0.8*E8)	0	=IF(C307<0.01,0,((C307/12)*E6	=E307-G306-4.6	=((H307*3600)/43560)+G30	=0.48*(((I307-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F307/5.1)+21.4	
269	=1.359*E7	=IF(B308-0.2*E8<0,0,(((B308-0.2*E8)^2)/(B308+0.8*E8)	0	=IF(C308<0.01,0,((C308/12)*E6	=E308-G307-4.6	=((H308*3600)/43560)+G30	=0.48*(((I308-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F308/5.1)+21.4	
270	=1.359*E7	=IF(B309-0.2*E8<0,0,(((B309-0.2*E8)^2)/(B309+0.8*E8)	0	=IF(C309<0.01,0,((C309/12)*E6	=E309-G308-4.6	=((H309*3600)/43560)+G30	=0.48*(((I309-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F309/5.1)+21.4	
271	=1.359*E7	=IF(B310-0.2*E8<0,0,(((B310-0.2*E8)^2)/(B310+0.8*E8)	0	=IF(C310<0.01,0,((C310/12)*E6	=E310-G309-4.6	=((H310*3600)/43560)+G30	=0.48*(((I310-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F310/5.1)+21.4	
272	=1.359*E7	=IF(B311-0.2*E8<0,0,(((B311-0.2*E8)^2)/(B311+0.8*E8)	0	=IF(C311<0.01,0,((C311/12)*E6	=E311-G310-4.6	=((H311*3600)/43560)+G31	=0.48*(((I311-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F311/5.1)+21.4	
273	=1.359*E7	=IF(B312-0.2*E8<0,0,(((B312-0.2*E8)^2)/(B312+0.8*E8)	0	=IF(C312<0.01,0,((C312/12)*E6	=E312-G311-4.6	=((H312*3600)/43560)+G31	=0.48*(((I312-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F312/5.1)+21.4	
274	=1.359*E7	=IF(B313-0.2*E8<0,0,(((B313-0.2*E8)^2)/(B313+0.8*E8)	0	=IF(C313<0.01,0,((C313/12)*E6	=E313-G312-4.6	=((H313*3600)/43560)+G31	=0.48*(((I313-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F313/5.1)+21.4	
275	=1.359*E7	=IF(B314-0.2*E8<0,0,(((B314-0.2*E8)^2)/(B314+0.8*E8)	0	=IF(C314<0.01,0,((C314/12)*E6	=E314-G313-4.6	=((H314*3600)/43560)+G31	=0.48*(((I314-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F314/5.1)+21.4	
276	=1.359*E7	=IF(B315-0.2*E8<0,0,(((B315-0.2*E8)^2)/(B315+0.8*E8)	0	=IF(C315<0.01,0,((C315/12)*E6	=E315-G314-4.6	=((H315*3600)/43560)+G31	=0.48*(((I315-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F315/5.1)+21.4	
277	=1.359*E7	=IF(B316-0.2*E8<0,0,(((B316-0.2*E8)^2)/(B316+0.8*E8)	0	=IF(C316<0.01,0,((C316/12)*E6	=E316-G315-4.6	=((H316*3600)/43560)+G31	=0.48*(((I316-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F316/5.1)+21.4	
278	=1.359*E7	=IF(B317-0.2*E8<0,0,(((B317-0.2*E8)^2)/(B317+0.8*E8)	0	=IF(C317<0.01,0,((C317/12)*E6	=E317-G316-4.6	=((H317*3600)/43560)+G31	=0.48*(((I317-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F317/5.1)+21.4	
279	=1.359*E7	=IF(B318-0.2*E8<0,0,(((B318-0.2*E8)^2)/(B318+0.8*E8)	0	=IF(C318<0.01,0,((C318/12)*E6	=E318-G317-4.6	=((H318*3600)/43560)+G31	=0.48*(((I318-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F318/5.1)+21.4	
280	=1.359*E7	=IF(B319-0.2*E8<0,0,(((B319-0.2*E8)^2)/(B319+0.8*E8)	0	=IF(C319<0.01,0,((C319/12)*E6	=E319-G318-4.6	=((H319*3600)/43560)+G31	=0.48*(((I319-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F319/5.1)+21.4	
281	=1.359*E7	=IF(B320-0.2*E8<0,0,(((B320-0.2*E8)^2)/(B320+0.8*E8)	0	=IF(C320<0.01,0,((C320/12)*E6	=E320-G319-4.6	=((H320*3600)/43560)+G31	=0.48*(((I320-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F320/5.1)+21.4	
282	=1.359*E7	=IF(B321-0.2*E8<0,0,(((B321-0.2*E8)^2)/(B321+0.8*E8)	0	=IF(C321<0.01,0,((C321/12)*E6	=E321-G320-4.6	=((H321*3600)/43560)+G32	=0.48*(((I321-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F321/5.1)+21.4	
283	=1.359*E7	=IF(B322-0.2*E8<0,0,(((B322-0.2*E8)^2)/(B322+0.8*E8)	0	=IF(C322<0.01,0,((C322/12)*E6	=E322-G321-4.6	=((H322*3600)/43560)+G32	=0.48*(((I322-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F322/5.1)+21.4	
284	=1.359*E7	=IF(B323-0.2*E8<0,0,(((B323-0.2*E8)^2)/(B323+0.8*E8)	0	=IF(C323<0.01,0,((C323/12)*E6	=E323-G322-4.6	=((H323*3600)/43560)+G32	=0.48*(((I323-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F323/5.1)+21.4	
285	=1.359*E7	=IF(B324-0.2*E8<0,0,(((B324-0.2*E8)^2)/(B324+0.8*E8)	0	=IF(C324<0.01,0,((C324/12)*E6	=E324-G323-4.6	=((H324*3600)/43560)+G32	=0.48*(((I324-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F324/5.1)+21.4	
286	=1.359*E7	=IF(B325-0.2*E8<0,0,(((B325-0.2*E8)^2)/(B325+0.8*E8)	0	=IF(C325<0.01,0,((C325/12)*E6	=E325-G324-4.6	=((H325*3600)/43560)+G32	=0.48*(((I325-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F325/5.1)+21.4	
287	=1.359*E7	=IF(B326-0.2*E8<0,0,(((B326-0.2*E8)^2)/(B326+0.8*E8)	0	=IF(C326<0.01,0,((C326/12)*E6	=E326-G325-4.6	=((H326*3600)/43560)+G32	=0.48*(((I326-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F326/5.1)+21.4	
288	=1.359*E7	=IF(B327-0.2*E8<0,0,(((B327-0.2*E8)^2)/(B327+0.8*E8)	0	=IF(C327<0.01,0,((C327/12)*E6	=E327-G326-4.6	=((H327*3600)/43560)+G32	=0.48*(((I327-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F327/5.1)+21.4	
289	=1.359*E7	=IF(B328-0.2*E8<0,0,(((B328-0.2*E8)^2)/(B328+0.8*E8)	0	=IF(C328<0.01,0,((C328/12)*E6	=E328-G327-4.6	=((H328*3600)/43560)+G32	=0.48*(((I328-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F328/5.1)+21.4	
290	=1.359*E7	=IF(B329-0.2*E8<0,0,(((B329-0.2*E8)^2)/(B329+0.8*E8)	0	=IF(C329<0.01,0,((C329/12)*E6	=E329-G328-4.6	=((H329*3600)/43560)+G32	=0.48*(((I329-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F329/5.1)+21.4	
291	=1.359*E7	=IF(B330-0.2*E8<0,0,(((B330-0.2*E8)^2)/(B330+0.8*E8)	0	=IF(C330<0.01,0,((C330/12)*E6	=E330-G329-4.6	=((H330*3600)/43560)+G32	=0.48*(((I330-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F330/5.1)+21.4	
292	=1.359*E7	=IF(B331-0.2*E8<0,0,(((B331-0.2*E8)^2)/(B331+0.8*E8)	0	=IF(C331<0.01,0,((C331/12)*E6	=E331-G330-4.6	=((H331*3600)/43560)+G33	=0.48*(((I331-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F331/5.1)+21.4	
293	=1.359*E7	=IF(B332-0.2*E8<0,0,(((B332-0.2*E8)^2)/(B332+0.8*E8)	0	=IF(C332<0.01,0,((C332/12)*E6	=E332-G331-4.6	=((H332*3600)/43560)+G33	=0.48*(((I332-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F332/5.1)+21.4	
294	=1.359*E7	=IF(B333-0.2*E8<0,0,(((B333-0.2*E8)^2)/(B333+0.8*E8)	0	=IF(C333<0.01,0,((C333/12)*E6	=E333-G332-4.6	=((H333*3600)/43560)+G33	=0.48*(((I333-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F333/5.1)+21.4	
295	=1.359*E7	=IF(B334-0.2*E8<0,0,(((B334-0.2*E8)^2)/(B334+0.8*E8)	0	=IF(C334<0.01,0,((C334/12)*E6	=E334-G333-4.6	=((H334*3600)/43560)+G33	=0.48*(((I334-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F334/5.1)+21.4	
296	=1.359*E7	=IF(B335-0.2*E8<0,0,(((B335-0.2*E8)^2)/(B335+0.8*E8)	0	=IF(C335<0.01,0,((C335/12)*E6	=E335-G334-4.6	=((H335*3600)/43560)+G33	=0.48*(((I335-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F335/5.1)+21.4	
297	=1.359*E7	=IF(B336-0.2*E8<0,0,(((B336-0.2*E8)^2)/(B336+0.8*E8)	0	=IF(C336<0.01,0,((C336/12)*E6	=E336-G335-4.6	=((H336*3600)/43560)+G33	=0.48*(((I336-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F336/5.1)+21.4	
298	=1.359*E7	=IF(B337-0.2*E8<0,0,(((B337-0.2*E8)^2)/(B337+0.8*E8)	0	=IF(C337<0.01,0,((C337/12)*E6	=E337-G336-4.6	=((H337*3600)/43560)+G33	=0.48*(((I337-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F337/5.1)+21.4	
299	=1.359*E7	=IF(B338-0.2*E8<0,0,(((B338-0.2*E8)^2)/(B338+0.8*E8)	0	=IF(C338<0.01,0,((C338/12)*E6	=E338-G337-4.6	=((H338*3600)/43560)+G33	=0.48*(((I338-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F338/5.1)+21.4	

Time (hr)	BASINS: Rainfall (in)	BASINS: Accum. Runoff (in)	BASINS: Basin disc	BASINS: Accum. Inflow (acre-ft)	RESERVOIR: Volume (acre-ft)	RESERVOIR: Accum Outflow (acre-ft)	RESERVOIR: Instant. Discharge (cfs)	RESERVOIR: Stage (ft)	Comments
300	=1.359*E7	=IF(B339-0.2*E8<0,0,(((B339-0.2*E8)^2)/(B339+0.8*E8)	0	=IF(C339<0.01,0,((C339/12)*E6	=E339-G338-4.6	=((H339*3600)/43560)+G33	=0.48*(((I339-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F339/5.1)+21.4	
301	=1.359*E7	=IF(B340-0.2*E8<0,0,(((B340-0.2*E8)^2)/(B340+0.8*E8)	0	=IF(C340<0.01,0,((C340/12)*E6	=E340-G339-4.6	=((H340*3600)/43560)+G33	=0.48*(((I340-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F340/5.1)+21.4	
302	=1.359*E7	=IF(B341-0.2*E8<0,0,(((B341-0.2*E8)^2)/(B341+0.8*E8)	0	=IF(C341<0.01,0,((C341/12)*E6	=E341-G340-4.6	=((H341*3600)/43560)+G34	=0.48*(((I341-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F341/5.1)+21.4	
303	=1.359*E7	=IF(B342-0.2*E8<0,0,(((B342-0.2*E8)^2)/(B342+0.8*E8)	0	=IF(C342<0.01,0,((C342/12)*E6	=E342-G341-4.6	=((H342*3600)/43560)+G34	=0.48*(((I342-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F342/5.1)+21.4	
304	=1.359*E7	=IF(B343-0.2*E8<0,0,(((B343-0.2*E8)^2)/(B343+0.8*E8)	0	=IF(C343<0.01,0,((C343/12)*E6	=E343-G342-4.6	=((H343*3600)/43560)+G34	=0.48*(((I343-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F343/5.1)+21.4	
305	=1.359*E7	=IF(B344-0.2*E8<0,0,(((B344-0.2*E8)^2)/(B344+0.8*E8)	0	=IF(C344<0.01,0,((C344/12)*E6	=E344-G343-4.6	=((H344*3600)/43560)+G34	=0.48*(((I344-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F344/5.1)+21.4	
306	=1.359*E7	=IF(B345-0.2*E8<0,0,(((B345-0.2*E8)^2)/(B345+0.8*E8)	0	=IF(C345<0.01,0,((C345/12)*E6	=E345-G344-4.6	=((H345*3600)/43560)+G34	=0.48*(((I345-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F345/5.1)+21.4	
307	=1.359*E7	=IF(B346-0.2*E8<0,0,(((B346-0.2*E8)^2)/(B346+0.8*E8)	0	=IF(C346<0.01,0,((C346/12)*E6	=E346-G345-4.6	=((H346*3600)/43560)+G34	=0.48*(((I346-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F346/5.1)+21.4	
308	=1.359*E7	=IF(B347-0.2*E8<0,0,(((B347-0.2*E8)^2)/(B347+0.8*E8)	0	=IF(C347<0.01,0,((C347/12)*E6	=E347-G346-4.6	=((H347*3600)/43560)+G34	=0.48*(((I347-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F347/5.1)+21.4	
309	=1.359*E7	=IF(B348-0.2*E8<0,0,(((B348-0.2*E8)^2)/(B348+0.8*E8)	0	=IF(C348<0.01,0,((C348/12)*E6	=E348-G347-4.6	=((H348*3600)/43560)+G34	=0.48*(((I348-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F348/5.1)+21.4	
310	=1.359*E7	=IF(B349-0.2*E8<0,0,(((B349-0.2*E8)^2)/(B349+0.8*E8)	0	=IF(C349<0.01,0,((C349/12)*E6	=E349-G348-4.6	=((H349*3600)/43560)+G34	=0.48*(((I349-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F349/5.1)+21.4	
311	=1.359*E7	=IF(B350-0.2*E8<0,0,(((B350-0.2*E8)^2)/(B350+0.8*E8)	0	=IF(C350<0.01,0,((C350/12)*E6	=E350-G349-4.6	=((H350*3600)/43560)+G34	=0.48*(((I350-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F350/5.1)+21.4	
312	=1.359*E7	=IF(B351-0.2*E8<0,0,(((B351-0.2*E8)^2)/(B351+0.8*E8)	0	=IF(C351<0.01,0,((C351/12)*E6	=E351-G350-4.6	=((H351*3600)/43560)+G35	=0.48*(((I351-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F351/5.1)+21.4	
313	=1.359*E7	=IF(B352-0.2*E8<0,0,(((B352-0.2*E8)^2)/(B352+0.8*E8)	0	=IF(C352<0.01,0,((C352/12)*E6	=E352-G351-4.6	=((H352*3600)/43560)+G35	=0.48*(((I352-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F352/5.1)+21.4	
314	=1.359*E7	=IF(B353-0.2*E8<0,0,(((B353-0.2*E8)^2)/(B353+0.8*E8)	0	=IF(C353<0.01,0,((C353/12)*E6	=E353-G352-4.6	=((H353*3600)/43560)+G35	=0.48*(((I353-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F353/5.1)+21.4	
315	=1.359*E7	=IF(B354-0.2*E8<0,0,(((B354-0.2*E8)^2)/(B354+0.8*E8)	0	=IF(C354<0.01,0,((C354/12)*E6	=E354-G353-4.6	=((H354*3600)/43560)+G35	=0.48*(((I354-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F354/5.1)+21.4	
316	=1.359*E7	=IF(B355-0.2*E8<0,0,(((B355-0.2*E8)^2)/(B355+0.8*E8)	0	=IF(C355<0.01,0,((C355/12)*E6	=E355-G354-4.6	=((H355*3600)/43560)+G35	=0.48*(((I355-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F355/5.1)+21.4	
317	=1.359*E7	=IF(B356-0.2*E8<0,0,(((B356-0.2*E8)^2)/(B356+0.8*E8)	0	=IF(C356<0.01,0,((C356/12)*E6	=E356-G355-4.6	=((H356*3600)/43560)+G35	=0.48*(((I356-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F356/5.1)+21.4	
318	=1.359*E7	=IF(B357-0.2*E8<0,0,(((B357-0.2*E8)^2)/(B357+0.8*E8)	0	=IF(C357<0.01,0,((C357/12)*E6	=E357-G356-4.6	=((H357*3600)/43560)+G35	=0.48*(((I357-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F357/5.1)+21.4	
319	=1.359*E7	=IF(B358-0.2*E8<0,0,(((B358-0.2*E8)^2)/(B358+0.8*E8)	0	=IF(C358<0.01,0,((C358/12)*E6	=E358-G357-4.6	=((H358*3600)/43560)+G35	=0.48*(((I358-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F358/5.1)+21.4	
320	=1.359*E7	=IF(B359-0.2*E8<0,0,(((B359-0.2*E8)^2)/(B359+0.8*E8)	0	=IF(C359<0.01,0,((C359/12)*E6	=E359-G358-4.6	=((H359*3600)/43560)+G35	=0.48*(((I359-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F359/5.1)+21.4	
321	=1.359*E7	=IF(B360-0.2*E8<0,0,(((B360-0.2*E8)^2)/(B360+0.8*E8)	0	=IF(C360<0.01,0,((C360/12)*E6	=E360-G359-4.6	=((H360*3600)/43560)+G35	=0.48*(((I360-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F360/5.1)+21.4	
322	=1.359*E7	=IF(B361-0.2*E8<0,0,(((B361-0.2*E8)^2)/(B361+0.8*E8)	0	=IF(C361<0.01,0,((C361/12)*E6	=E361-G360-4.6	=((H361*3600)/43560)+G36	=0.48*(((I361-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F361/5.1)+21.4	
323	=1.359*E7	=IF(B362-0.2*E8<0,0,(((B362-0.2*E8)^2)/(B362+0.8*E8)	0	=IF(C362<0.01,0,((C362/12)*E6	=E362-G361-4.6	=((H362*3600)/43560)+G36	=0.48*(((I362-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F362/5.1)+21.4	
324	=1.359*E7	=IF(B363-0.2*E8<0,0,(((B363-0.2*E8)^2)/(B363+0.8*E8)	0	=IF(C363<0.01,0,((C363/12)*E6	=E363-G362-4.6	=((H363*3600)/43560)+G36	=0.48*(((I363-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F363/5.1)+21.4	
325	=1.359*E7	=IF(B364-0.2*E8<0,0,(((B364-0.2*E8)^2)/(B364+0.8*E8)	0	=IF(C364<0.01,0,((C364/12)*E6	=E364-G363-4.6	=((H364*3600)/43560)+G36	=0.48*(((I364-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F364/5.1)+21.4	
326	=1.359*E7	=IF(B365-0.2*E8<0,0,(((B365-0.2*E8)^2)/(B365+0.8*E8)	0	=IF(C365<0.01,0,((C365/12)*E6	=E365-G364-4.6	=((H365*3600)/43560)+G36	=0.48*(((I365-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F365/5.1)+21.4	
327	=1.359*E7	=IF(B366-0.2*E8<0,0,(((B366-0.2*E8)^2)/(B366+0.8*E8)	0	=IF(C366<0.01,0,((C366/12)*E6	=E366-G365-4.6	=((H366*3600)/43560)+G36	=0.48*(((I366-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F366/5.1)+21.4	
328	=1.359*E7	=IF(B367-0.2*E8<0,0,(((B367-0.2*E8)^2)/(B367+0.8*E8)	0	=IF(C367<0.01,0,((C367/12)*E6	=E367-G366-4.6	=((H367*3600)/43560)+G36	=0.48*(((I367-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F367/5.1)+21.4	
329	=1.359*E7	=IF(B368-0.2*E8<0,0,(((B368-0.2*E8)^2)/(B368+0.8*E8)	0	=IF(C368<0.01,0,((C368/12)*E6	=E368-G367-4.6	=((H368*3600)/43560)+G36	=0.48*(((I368-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F368/5.1)+21.4	
330	=1.359*E7	=IF(B369-0.2*E8<0,0,(((B369-0.2*E8)^2)/(B369+0.8*E8)	0	=IF(C369<0.01,0,((C369/12)*E6	=E369-G368-4.6	=((H369*3600)/43560)+G36	=0.48*(((I369-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F369/5.1)+21.4	
331	=1.359*E7	=IF(B370-0.2*E8<0,0,(((B370-0.2*E8)^2)/(B370+0.8*E8)	0	=IF(C370<0.01,0,((C370/12)*E6	=E370-G369-4.6	=((H370*3600)/43560)+G36	=0.48*(((I370-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F370/5.1)+21.4	
332	=1.359*E7	=IF(B371-0.2*E8<0,0,(((B371-0.2*E8)^2)/(B371+0.8*E8)	0	=IF(C371<0.01,0,((C371/12)*E6	=E371-G370-4.6	=((H371*3600)/43560)+G37	=0.48*(((I371-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F371/5.1)+21.4	
333	=1.359*E7	=IF(B372-0.2*E8<0,0,(((B372-0.2*E8)^2)/(B372+0.8*E8)	0	=IF(C372<0.01,0,((C372/12)*E6	=E372-G371-4.6	=((H372*3600)/43560)+G37	=0.48*(((I372-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F372/5.1)+21.4	
334	=1.359*E7	=IF(B373-0.2*E8<0,0,(((B373-0.2*E8)^2)/(B373+0.8*E8)	0	=IF(C373<0.01,0,((C373/12)*E6	=E373-G372-4.6	=((H373*3600)/43560)+G37	=0.48*(((I373-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F373/5.1)+21.4	
335	=1.359*E7	=IF(B374-0.2*E8<0,0,(((B374-0.2*E8)^2)/(B374+0.8*E8)	0	=IF(C374<0.01,0,((C374/12)*E6	=E374-G373-4.6	=((H374*3600)/43560)+G37	=0.48*(((I374-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F374/5.1)+21.4	
336	=1.359*E7	=IF(B375-0.2*E8<0,0,(((B375-0.2*E8)^2)/(B375+0.8*E8)	0	=IF(C375<0.01,0,((C375/12)*E6	=E375-G374-4.6	=((H375*3600)/43560)+G37	=0.48*(((I375-21.4)/0.667)^1.9)*(0.667^2)*(32.2*0.667)^0.	=(F375/5.1)+21.4	

MALCOLM PIRNIE

MALCOLM PIRNIE, INC.

BY RF DATE 4/26/00 SHEET NO. 1 OF 12

CHKD. BY ..... DATE ..... JOB NO. 1971-023

SUBJECT LEE COUNTY RMPF – STORMWATER

APPENDIX 1
STORMWATER MANAGEMENT COMPUTATIONS

THE LEE COUNTY SOLID WASTE ENERGY RECOVERY FACILITY (SWERF) STORMWATER MANAGEMENT FACILITIES WERE DESIGNED AND PERMITTED IN 1992 AND CERTIFIED COMPLETE IN 1995. THE SWERF COMPRISES 46.4 ACRES OF THE 155 ACRE TOTAL SWERF SITE TRACT OF LAND THAT IS PERMITTED UNDER THE EXISTING POWER PLANT SITE CERTIFICATION (PPSC). THE SWERF IS DIVIDED INTO TWO DRAINAGE BASINS, BASIN 1 AND BASIN 2. BASIN 1 ON THE SOUTH END OF THE SITE, UTILIZES DETENTION PONDS WHILE BASIN 2 ON THE NORTH SIDE OF THE SITE UTILIZES RETENTION PONDS. AS RETAINED STORMWATER IN BASIN 2 EXCEEDS ELEVATION 23.2' NGVD, STORMWATER BEGINS TO FLOW THROUGH A SWALE ON THE EAST SIDE OF THE SWERF, TO THE ARCHITECTURAL POND CONNECTED TO, AND A PART OF, THE DETENTION SYSTEM IN BASIN 1. THE CONTROL ELEVATION FOR THE DETENTION PONDS IN BASIN 1 IS 21.4' NGVD. THE SITE CONTROL STRUCTURE IS FITTED WITH A MANUAL GATE WHICH IS NORMALLY LEFT IN A CLOSED POSITION, EFFECTIVELY RETAINING ALL STORMWATER ON SITE. WHEN THE MANUAL GATE IS OPENED FOR A MAJOR STORM EVENT, THE CONTROL STRUCTURE PROVIDES A 3.0' BROAD CRESTED WEIR AT ELEVATION 24.15' NGVD AND A 3" Ø BLEED DOWN ORIFICE AT ELEVATION 21.45' NGVD (INVERT).

THE RMPF WILL BE CONSTRUCTED ON THE SOUTHWEST CORNER OF THE SWERF SITE (AS PERMITTED UNDER THE PPSC), WEST OF AND ADJACENT TO BASIN 1, UTILIZING THE EXISTING ENTRANCE FROM BUCKINGHAM ROAD AND EXISTING SCALE HOUSE FACILITIES.

STORMWATER MANAGEMENT COMPUTATIONS

PURPOSE

1. DETERMINE ADEQUACY OF EXISTING STORMWATER DETENTION PONDS FOR DEVELOPMENT OF RMPF.

2. DETERMINE ADEQUACY OF EXISTING AND EXPANDED STORMWATER PRETREATMENT FACILITIES FOR DEVELOPMENT OF RMPF.

3. DETERMINE ADEQUACY OF MINIMUM ELEVATIONS AS FOLLOWS:
   a) ROADWAY ELEVATION: 23.4' NGVD - 5 YR, 24 HR. STORM
   b) FLOOR ELEVATION: RMPF - 24.75' NGVD, OFFICE - 25.0' NGVD } 100 YR, 72 HR. STORM

4. DETERMINE ADEQUACY OF EXISTING CONTROL STRUCTURE FOR ALLOWABLE DISCHARGE.

I. COMBINED SITE AREA (ACRES)

	EXISTING BASIN 1	EXISTING BASIN 2	RMPF*	TOTAL
1. SITE AREA	31.6	14.8	11.0	57.4
2. IMPERVIOUS				
a) ROOF	1.6	1.3	1.5	4.4
b) ROAD/PARK	4.7	1.0	4.4	10.1
3. PONDS	5.1**	2.3	-0-	7.4
4. PERVIOUS	20.2	10.2	5.1	35.5

* RMPF INCLUDES FUTURE COUNTY OFFICE FACILITIES.
** INCLUDES 'ARCHITECTURAL' POND.

RECYCLED PAPER

II DESIGN CRITERIA

A. QUALITY

1. THE GREATER OF:

a) FIRST INCH FROM SITE, OR

b) 2.5 TIMES PERCENT IMPERVIOUSNESS

c) 50% REDUCTION FOR RETENTION SYSTEM (BASIN 2 ONLY)

2. BECAUSE INDUSTRIAL, AT LEAST 0.5 INCH DETENTION TO BE PROVIDED

3. NO MORE THAN 0.5 INCH OF DETENTION VOLUME TO BE DISCHARGED PER DAY (BLEED DOWN).

B. QUANTITY

1. ALLOWABLE DISCHARGE NTE 37 CSM FOR 25 YR, 3 DAY STORM.

C. MINIMUM ELEVATIONS

1. ROADS

a) ℄ NO LOWER THAN ℄ BUCKINGHAM ROAD

b) MINIMUM 2.0' ABOVE CONTROL ELEVATION

c) 100 yr., 3 DAY STORM WITH ZERO DISCHARGE

2. FLOOR - 100 YR, 3 DAY STORM WITH ZERO DISCHARGE

3. DISCHARGE - 37 CSM FOR 25 yr, 3 DAY STORM

D. PRETREATMENT - PROVIDE 0.5 INCH PRETREATMENT FOR BASIN 1 PLUS RPMF ONLY.

III COMPUTATIONS

A. QUALITY (BASIN 1 PLUS RMPF SITE ONLY)

1. FIRST INCH
$= (31.6 + 11.0) \times 1'' \times 1'/12''$
$= 3.6$ AC-FT

2. COMPUTE 2.5 TIMES PERCENT IMPERVIOUSNESS
a) TOTAL AREA − (WATER SURFACE + ROOF AREA)
$= 42.6 - (5.1 + 3.1)$
$= 34.4$ AC. (SITE AREA FOR W.Q. PERV/IMPERV)

b) IMPERVIOUS AREA FOR W.Q. PERV/IMPERV
= (SITE AREA FOR W.Q. PERV/IMPERV) − PERVIOUS AREA
$= 34.4$ AC $- 25.3$ AC.
$= 9.1$ AC OF IMPERVIOUS AREA FOR W.Q. PERV/IMPERV.

c) PERCENTAGE OF IMPERVIOUS FOR W.Q.
$= \frac{\text{IMPERVIOUS AREA FOR W.Q.}}{\text{SITE AREA FOR W.Q.}} \times 100\%$

$= \frac{9.1}{34.4} \times 100\%$

$= 26\%$ IMPERVIOUS

d) FOR 2.5 INCHES TIMES PERCENT IMPERVIOUS
$= 2.5'' \times 26\%$
$= 0.65$ INCHES TO BE TREATED

e) COMPUTE VOLUME REQ'D FOR QUALITY DETENTION
= INCHES TO BE TREATED × (TOTAL SITE AREA − POND AREA)
$= 0.65'' \times (42.6 - 5.1) \times 1FT/12''$
$= 2.03$ AC. FT. REQ'D FOR ~~PRE TREATMENT~~ DETENTION

3. SINCE FIRST INCH IS GREATER (3.6 AC-FT), FIRST INCH CONTROLS.

4. COMPUTE 0.5 INCH PRETREATMENT (BASIN 1 PLUS RMPF)
   = 0.5" x (TOTAL SITE AREA - POND AREA)
   = 0.5 x (42.6 - 5.1) x 1 FT/12"
   = 1.6 AC-FT REQ'D FOR PRETREATMENT

NOTE ON PRETREATMENT - DRY DETENTION IN PERVIOUS AREAS AT OR ABOVE ELEVATION 22.4 (1.0 FEET ABOVE SEASONAL HIGH WATER TABLE) ALONG GRASSED BERMS, SWALES AND GRAVEL SURFACE AREAS.

5. COMPUTE REQ'D POND VOLUME
   = TOTAL REQ'D DETENTION - PRETREATMENT
   = 3.6 AC-FT - 1.6 AC-FT
   = 2.0 AC-FT REQ'D POND VOLUME

B. PROJECT SURFACE STORAGE

1. ASSUMPTIONS
   a) POND STORAGE BEGINS AT CONTROL ELEVATION WHICH IS WET SEASON WATER TABLE - 21.4' NGVD
   b) STORAGE IS VERTICAL OVER 5.1 AC POND(S) SURFACE
   c) SITE STORAGE IS LINEAR

2. DEVELOP PROJECT STAGE-STORAGE CURVE(S)
   (CONTINUED NEXT SHEET)

MALCOLM PIRNIE

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SUBJECT RMPF - STORMWATER

STAGE - STORAGE CURVE DATA

STAGE (FT-NGVD)	DETENTION POND (AC-FT)	SITE STORAGE (AC-FT)	TOTAL (AC-FT)
BASIN 1 PLUS RMPF			
21.4	-0-	-0-	-0-
22.0	5.1 x 0.6 = 3.1	-0-	3.1
23.0	5.1 x 0.6 = 3.1	$\frac{1}{2} \times \frac{1}{3}(39.5) \times 1 = 6.6$	9.7
23.2	5.1 x 0.6 = 3.1	$\frac{1}{2} \times \frac{1.2}{3}(39.5) \times 1.2 = 9.5$	12.6
BASIN 2			
21.4	-0-	-0-	-0-
22.0	2.3 x 0.6 = 1.4	-0-	1.4
23.0	2.3 x 0.6 = 1.4	$\frac{1}{2} \times \frac{1}{3}(13.5) \times 1 = 2.2$	3.6
23.2	2.3 x 0.6 = 1.4	$\frac{1}{2} \times \frac{1.2}{3}(13.5) \times 1.2 = 3.2$	4.6
COMBINED BASIN 1 PLUS RMPF AND BASIN 2			
23.2	4.5	12.7	17.2
24.0	4.5	$\frac{1}{2} \times \frac{2}{3}(53.0) \times 2 = 35.3$	39.8
25.0	4.5	$\frac{1}{2} \times \frac{3}{3}(53.0) \times 3 = 79.5$	84.0

NOTE: SITE STORAGE AREA = TOTAL AREA - ROOF AREA

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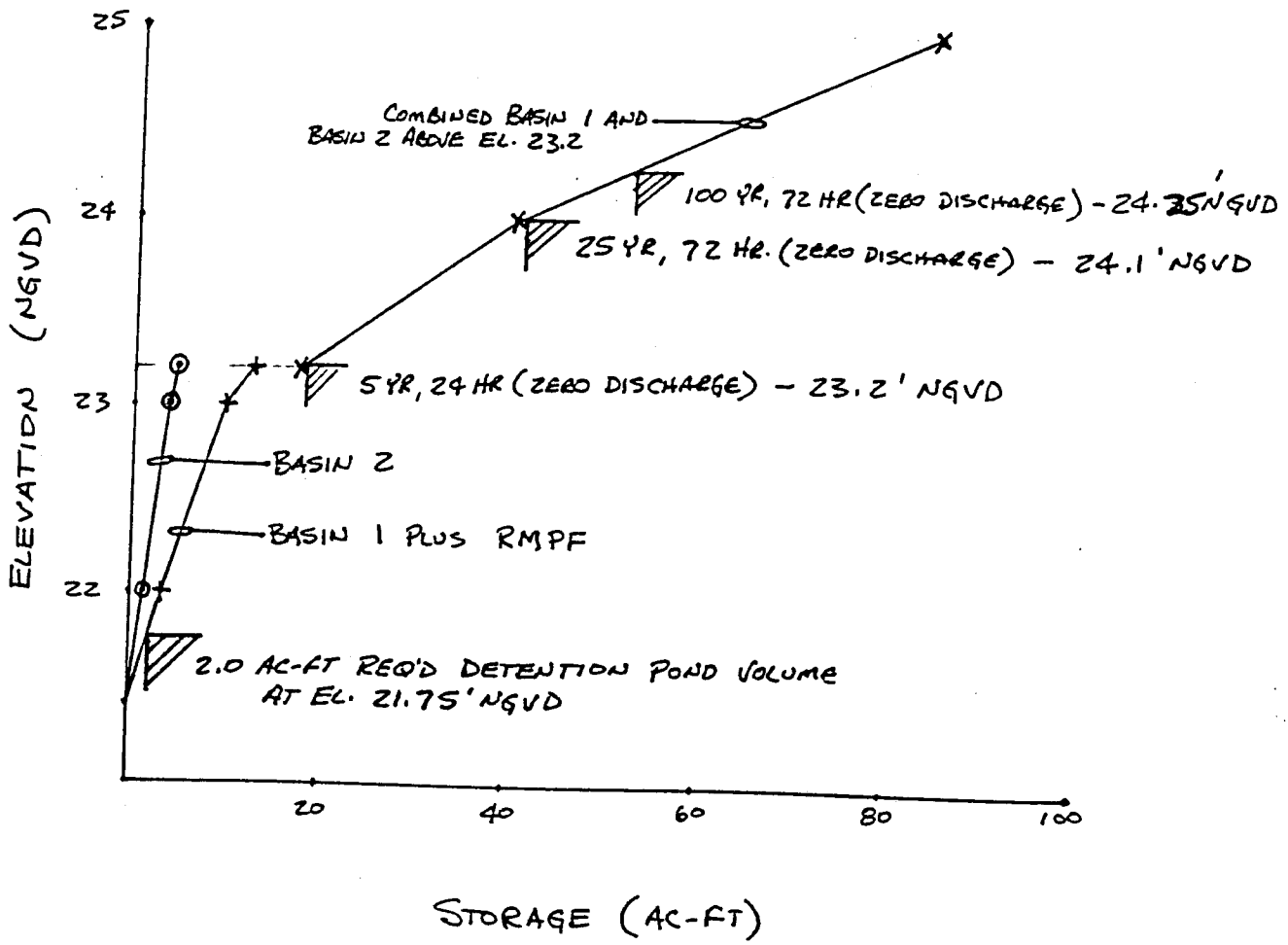
SUBJECT RMPF - STORMWATER

PROJECT STAGE-STORAGE CURVE



C. RUNOFF VOLUME FOR 25 YR. AND 100 YR STORM

1. ALLOWABLE PEAK DISCHARGE = 37 CSM FOR 25YR, 72 HR STORM
= 37 CSM × PROJECT AREA
= 37 × 57.4 × 1 mi²/640 AC

= 3.3 cfs

2. SOIL STORAGE

a) IMPERVIOUS

PONDS	7.4 AC.
BLDGS.	4.4 AC.
ROAD/PARK	10.1 AC.
	21.9 AC IMPERVIOUS

b) PERVIOUS
= TOTAL SITE AREA − IMPERVIOUS AREA
= 57.4 − 21.9
= 35.5 AC. PERVIOUS

c) DEPTH TO WATER TABLE
= AVERAGE FINISHED SITE GRADE − WET SEASON WATER TABLE
= 23.5 − 21.4
= 2.1 FEET

d) DETERMINE AVAILABLE SOIL MOISTURE STORAGE FROM SFWMD (FIG. C-111-1), SOIL STORAGE OF 1.88" UNDER POST DEVELOPMENT PERVIOUS AREA.

e) COMPUTE COMPOSIT SITE SOIL MOISTURE STORAGE (S)
= (PERVIOUS AREA/TOTAL SITE AREA) × SOIL STORAGE
= (35.5/57.4) × 1.88"
S = 1.16 INCHES (SOIL STORAGE AVAILABLE OVER ENTIRE SITE)

3. DETERMINE MAXIMUM STAGE (ZERO DISCHARGE) FOR A:
- 25 YR, 72 HR. STORM
- 100 YR, 72 HR. STORM
- 5 YR, 24 HR. STORM

a) TOTAL RAINFALL ($P_{25/72}$)

$$P_{25/72} = P_{25/24} \times 1.359 \quad \text{(from C-1-6)}$$
$$= 7.2 \times 1.359$$
$$= 9.8''$$

$$P_{100/72} = P_{100/24} \times 1.359 \quad \text{(from C-1-7)}$$
$$= 9.0 \times 1.359$$
$$= 12.2''$$

$$P_{5/24} = 4.9'' \quad \text{(from C-1-4)}$$

b) CALCULATE RUNOFF ($Q_{25/72}$)

$$= \frac{(P - 0.2S)^2}{(P + 0.8S)}$$
$$= \frac{(9.8'' - (.2 \times 1.16))^2}{(9.8 + (.8 \times 1.16))}$$
$$= \frac{91.55}{10.73}$$

= 8.5 INCHES OF TOTAL RUNOFF ($Q_{25/72}$)

c) CALCULATE RUNOFF VOLUME

$= Q_{25/72} \times$ PROJECT AREA

$= 8.5 \times 57.4$ AC. $\times$ 1 FT/12"

= 40.7 AC-FT. FOR $Q_{25/72}$

d) THE ZERO DISCHARGE STAGE FOR A 25YR, 72 HR. STORM FROM THE STAGE-STORAGE CURVE (SHEET 7) IS 24.1' NGVD.

bb) SAME PROCESS FOR RUNOFF ($Q_{100/72}$)

$$= \frac{(P-0.2S)^2}{(P+0.8S)}$$

$$= \frac{(12.2-(.2\times 1.16))^2}{(12.2+(.8\times 1.16))}$$

$$= \frac{143.2}{13.1}$$

$= 10.9''$ TOTAL RUNOFF ($Q_{100/72}$)

cc) RUNOFF VOLUME

$= Q_{100/72} \times$ PROJECT AREA

$= 10.9'' \times 57.4\ AC \times 1\ ft/12''$

$= 52.1$ AC-ft. for $Q_{100/72}$

dd) THE ZERO DISCHARGE STAGE FOR A 100 yr, 72 HR. STORM FROM THE STAGE-STORAGE CURVE ON SHEET 7 IS 24.25' NGVD.

bbb) SAME PROCESS FOR RUNOFF ($Q_{5/24}$)

$$= \frac{(P-0.2S)^2}{(P+0.8S)}$$

~~ccc)~~

$$= \frac{(4.9-(.2\times 1.16))^2}{(4.9+(.8\times 1.16))}$$

$$= \frac{21.8}{5.8}$$

$= 3.7''$ RUNOFF ($Q_{5/24}$)

ccc) RUNOFF VOLUME

$= Q_{5/24} \times$ PROJECT AREA

$= 3.7'' \times 57.4\ AC \times 1\ ft/12''$

$= 17.7$ AC-ft. FOR $Q_{5/24}$

ddd) THE ZERO DISCHARGE STAGE FOR A 5 YR, 24 HR STORM FROM THE STAGE-STORAGE CURVE (SHEET 7) IS 23.2' NGVD.

D. EXISTING CONTROL STRUCTURE DISCHARGE COMPUTATIONS

1. DISCHARGE CONTROL ELEVATIONS
   a) INVERT OF 3" ϕ BLEEDER ORIFICE - 21.4' NGVD
   b) CREST ELEVATION OF 3.0' BROAD CRESTED WEIR - 24.1' NGVD

2. FLOW EQUATIONS
   a) CIRCULAR ORIFICE - $Q = CA(2gh)^{1/2}$ $C = 0.6$
   b) BROAD CRESTED WEIR - $Q = CLH^{1.5}$ $C = 3.13$

3. STAGE - FLOW DATA

STAGE (FT. NGVD)	BLEEDER (CFS)	WEIR (CFS)	TOTAL DISCHARGE (CFS)
21.4	-0-	-0-	-0-
22.0	0.18	-0-	0.18
23.0	0.30	-0-	0.30
24.0	0.38	-0-	0.38
24.1	0.39	-0-	0.39
24.25	0.40	0.55	0.95
25.0	0.45	8.02	8.47

4. BASED ON THE STAGE - FLOW TABLE FOR THE EXISTING CONTROL STRUCTURE (WITH THE GATE OPEN) AND THE STAGE - STORAGE CURVE FROM SHEET 7, THE DISCHARGE RATE FOR A 25YR, 72 HR. STORM IS 0.39 cfs. THE ALLOWABLE DISCHARGE FLOW RATE IS 3.3 cfs (SHEET 8).

CONCLUSIONS

1. STORMWATER DETENTION - THE EXISTING STORMWATER DETENTION PONDS IN BASIN 1 PROVIDE 3.1 AC-FT. OF DETENTION VOLUME (SHEET 6). REQUIRED VOLUME FOR BASIN 1 (INCLUDING THE RMPF SITE) IS 2.0 AC-FT (SHEET 5). THEREFORE, THE EXISTING DETENTION PONDS PROVIDE 55% MORE CAPACITY THAN REQUIRED.

2. PRETREATMENT - THE VOLUME REQUIRED FOR PRETREATMENT IN BASIN 1 (INCLUDING THE RMPF SITE) IS 1.6 AC-FT. (SHEET 5). PRETREATMENT IS PROVIDED THROUGH DRY DETENTION IN PERVIOUS AREAS ABOVE ELEVATION 22.4' (1.0 FEET ABOVE CONTROL ELEVATION) AND BELOW WEIR CREST ELEVATION 24.1' NGVD. THE VOLUME OF PRETREATMENT PROVIDED IS 17.2 AC-FT OR MORE THAN 10 TIMES THE REQUIRED VOLUME.

3. MINIMUM ELEVATIONS - THE MINIMUM FLOOR ELEVATION FOR THE RMPF AND THE COUNTY OFFICE FACILITY MUST BE AT OR ABOVE THE ZERO DISCHARGE, 100 YR, 72 HR. STORM STAGE OF 24.25' NGVD (SHEET 7). THE PROPOSE FLOOR ELEVATION FOR THE RMPF IS 24.75' NGVD AND THE FLOOR ELEVATION PROPOSED FOR THE COUNTY OFFICE IS 25.0' NGVD. THE MINIMUM ROADWAY ELEVATION WILL BE 2.0' ABOVE THE CONTROL ELEVATION OF 21.4' NGVD OR 23.4' NGVD.

4. EXISTING CONTROL STRUCTURE - THE EXISTING CONTROL STRUCTURE IS FITTED WITH A MANUAL GATE WHICH IS NORMALLY IN A CLOSED POSITION. WITH THE GATE OPEN, DISCHARGE FROM THE SITE BELOW THE WEIR ELEVATION (24.1' NGVD) IS THROUGH A 3" ϕ BLEEDER ORIFICE. FOR A 25YR, 72 HR. STORM, THE MAXIMUM DISCHARGE RATE IS 0.39 cfs (ELEVATION 24.1' NGVD – DISCHARGE FROM SHEET 11). THE ALLOWABLE DISCHARGE RATE IS 3.3 cfs (SHEET 8). THEREFORE, THE EXISTING CONTROL STRUCTURE WILL OPERATE WELL WITHIN DISCHARGE LIMITS. THE EXISTING WEIR ELEVATION COULD BE REDUCED AND REMAIN WITHIN DISCHARGE LIMITATIONS

Appendix 4
Dewatering Plan

Dewatering Plan to be provided prior to construction by the Construction Manager.

APPENDIX 2

BOUNDARY AND TOPOGRAPHICAL SURVEY