BOROUGH OF HIGHLANDS

LAND USE BOARD SPECIAL MEETING

Henry Hudson Regional High School - 1 Grand Tour, Highlands NJ 07732
Wednesday, September 30, 2026 at 7:00 PM

AGENDA

Please be advised that the agenda as shown may be subject to change. This meeting is a quasi-judicial proceeding. Any questions or comments must be limited to issues that are relevant to what the board may legally consider in reaching a decision and decorum appropriate to a judicial hearing must be maintained at all times.

CALL TO ORDER: *The chair reserves the right to change the order of the agenda.*

PLEDGE OF ALLEGIANCE

OPEN PUBLIC MEETING STATEMENT: *As per requirement, notice is hereby given that this is a Special Meeting of the Borough of Highlands Land Use Board and all requirements have been met. Notice has been transmitted to the Asbury Park Press and the Two River Times. Notice has been posted on the public bulletin board. Formal Action will be taken.*

ROLL CALL

OPEN FOR PUBLIC COMMENTS: *General Questions or Comments not pertaining to Applications*

HEARINGS ON NEW BUSINESS

1. LUB25-06 Highlands Landing Corp. – 326 Shore Dr., B100 L27

ADJOURNMENT

Board Policy: • All meetings shall adjourn no later than 10:00 P.M. unless a majority of the quorum present at said hour vote to continue the meeting to a later hour. • No new hearing shall commence after 9:15 P.M. unless the Chairperson shall rule otherwise. • The Chair may limit repetitive comments or irrelevant testimony and may limit the time or number of questions or comments from any one citizen to ensure an orderly meeting and allow adequate time for members of the public to be heard.

Roberts
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June 22, 2026

Kate Moloney
Land Use Board Secretary
Borough of Highlands Land Use Board
151 Navesink Avenue
Highlands, New Jersey 07732

Re: Completeness Review No. 2
Preliminary Major Site Plan
Owner/Applicant: Highlands Landing Corporation/Jack Bevins
Block 100, Lot 27
326 Shore Drive
Borough of Highlands, Monmouth County, New Jersey
Our File No.: HLPB25-06

Dear Ms. Moloney:

As requested, we have reviewed the above referenced application in accordance with the Borough of Highlands Zoning and Land Use Regulations.

The Applicant seeks approval for a Preliminary Major Site Plan for modifications to an existing parking lot and an existing seasonal use situated on a 7.66 Ac lot in the WC-2 Waterfront Commercial District.

The site is the upland portion of the Seastreak Ferry facility that includes the existing parking lot for ferry patrons and public access and the beach area in the northwest corner of the property. During the summer, the existing Sandbox beach bar and associated amenities operate on the beach with food trucks in the existing parking lot. The Sandbox is a second use on the lot. The Applicant is seeking Use Variance relief for the continued seasonal operation of the beach, including the Sandbox beach bar during the summer season with food trucks. The parking lot and bar are permitted uses in the WC-2 district.

The modifications include repaving, improved drainage, a reconfigured parking layout and traffic flow, , sidewalks, ADA compliant walks and parking, concrete and gravel areas, traffic flow, signage, pedestrian safety, landscaping and lighting.

Major Site Plan checklist items and comments have been provided below by this office.

We have reviewed the following documents submitted in support of the above referenced application for completeness purposes:

1. Copy of the Land Use Board Application received May 6, 2025, and signed April 28, 2025.

2. Copy of the Borough of Highlands Zoning Permit Application Checklist.

3. Copy of submission letter to Courtney Lopez, Highlands Zoning Officer from Brad Thompson, PE of Najarian Associates dated June 8, 2026.

4. Copy of a plan entitled, “Boundary and Topographic Survey, Highlands Landing Corporation, Block 100, Lot 27, Tax Map Sheet No. 19, Borough of Highlands, Monmouth County, New Jersey”, prepared by Najarian Associates, signed and dated June 25, 2024.

5. Copy of a plan entitled, “Seastreak Ferry Terminal, Repaving Project for Highlands Landing Corporation, Major Site Plan, Block 100, Lot 27, 326 Shore Drive, Borough of Highlands,

Monmouth County, New Jersey", prepared by Najarian Associates, dated April 22, 2025, last revised June 5, 2026, and signed consisting of 13 sheets.

6. Copy of a report entitled, "Stormwater Management Report for a Proposed Repaving Project, Seastreak Ferry Terminal, Block 100, Lot 27, 326 Shore Drive, Borough of Highlands, Monmouth County, New Jersey", prepared by Najarian Associates, dated April 2025.

7. Copy of an Application for Soil Erosion and Sediment Control Plan Certification, Freehold Soil Conservation District dated April 24, 2025.

8. Copy of a submission letter to Courtney Lopez, Highlands Zoning Officer from Brad Thompson, PE of Najarian Associates, dated June 18, 2026.

9. Copy of a plan entitled, "Concept A, Seastreak Ferry Terminal, Repaving Project for Highlands Landing Corporation, Major Site Plan, Block 101, Lot 12.01, 348 Shore Drive, Borough of Highlands, Monmouth County, New Jersey", prepared by Najarian Associates, dated June 17, 2026, and signed consisting of 1 sheet.

We offer the following comments and recommendations for the Land Use Board's consideration:

I. ZONING

1. This property is located in the WC-2 Waterfront Commercial District.

2. The existing parking lot and bar (Sandbox beach bar-seasonal) are permitted uses.

3. A Major Site plan checklist was not provided.

4. The Applicant requires two (2) bulk "c" variances for maximum lot coverage and parking. To be entitled to bulk "c" variance relief, the applicant must provide proof to satisfy the positive and negative criteria pursuance to N.J.S.A 40:55D-70c.

   We defer to the Borough Planner's letter for additional comments.

5. The Applicant requires Use Variance relief for the second use of the continued seasonal operation of the beach, including the Sandbox beach bar during the summer season with food trucks.

   There are two existing storage containers, a shed and a large freezer associated with the beach operation.

   We defer to the Borough Planner's letter.

6. The following bulk requirement summary is provided for the Board's reference.

Schedule I – Bulk and Area Requirements				
WC-2 Waterfront Commercial District				
	Required	Existing	Proposed	Variance
Min. Lot Area (sf)	N/A	333,717	333,717	No
Lot Frontage/Width (ft)	100	201.78	201.78	No
Lot Depth (ft)	150	870.61	870.61	No

Min. Front Yard Setback (ft)	20	828.9	828.9	No
Min. Side Yard Setback (ft)	10	173.3	173.3	No
Min. Rear Yard Setback (ft)	N/A	41.3	41.3	No
Max. Building Height (ft)	36	<36	<36	No
Max. Lot Coverage (%)	70	83.68*	83.10 (1)	Yes
Max. Building Coverage (%)	25	20	20	No
Parking				
On-Site Parking (spaces)	1,863*	957*	955 (2)	Yes
ADA Parking (spaces)	19	12*	19	No
ADA Van Parking (spaces)	3	0*	3	No
Min. Front Yard Setback	10	2.05*	0(3)	Yes
Min. Side Yard Setback	5	5.44	1(3)	Yes

* Existing non-conformity

<u>VARIANCES REQUESTED</u>

1. Max. Lot Coverage (%) § 21-96.4

   Max lot coverage is 70% whereas 83.10% is proposed.

2. The number of parking spaces required (1,863) is deficient by 908 parking spaces.

   The required parking according to § 21-65.14.D.7a(2), Parking Schedule for Nonresidential Uses:

   a. Assembly hall, community building,...eating and drinking establishments:

      1 for every 4 seats or 8 per 1,000 square feet of gross floor areas, whichever is larger

   b. Ferry transportation services:

      0.7 space for every passenger seat on all departing boats during a regular 24-hour period.

      2,660 passenger seats noted by the Applicant.

      2,660 x 0.7 = 1,863 spaces

   c. Public and private beaches, recreational uses:

      1 space for every 250 square feet of beach or recreational area.

   The Applicant accounted for the ferry service and not the secondary uses. Please refer to the General Comments regarding parking below.

3. The front yard setback for the overflow lot is 0 ft and the side yard setback for the overflow lot is 1ft.

   The required minimum setback for parking spaces or access aisles, except entrance or exit drives, according to § 21-65.14D.2. is one-half (1/2) the required setback for the principal building. The minimum front yard parking setback is 10 ft and the minimum side yard parking setback is 5ft.

II. CHECKLIST ITEMS

1. Date, name, location of site, name of owner, scale, and reference meridian. **Provided.**

2. Area of the lot and all lot line dimensions and bearings. **Provided.**

3. The location of all existing watercourses, wooded areas, easements, rights-of-way, streets, roads, highways, rivers, buildings, structures, and any other feature on the property and within seventy-five (75) feet of the property line. **Provided.**

4. Location, use and ground floor area of all existing and proposed buildings, with the building setback, sideline, and rear yard distance. **Provided.**

5. Elevations at the corners of all proposed buildings and paved areas and at property corners if new buildings or paved areas are proposed. **Provided.**

6. The location and widths of existing and proposed streets servicing the site plan. **Provided.**

7. Specifications for and location of proposed surface paving and curbing. **Provided.**

8. Location of all structures within seventy-five (75) feet of the property. **Partially provided and acceptable.**

9. Location of off-street parking areas, with dimensions, showing proposed parking and loading spaces, with dimensions, width of proposed access drives and aisles and traffic circulation.
   Provided.

10. Stormwater management and sanitary sewer reports, including proposed storm drainage and sanitary disposal facilities; specifically, the location, type and size of all existing and proposed catch basins, storm drainage facilities, utilities, plus all required design data supporting the adequacy of the existing or proposed facilities to handle future storm flows. **Provided.**

11. Existing and proposed contours of the property and for seventy-five (75) feet outside the property at one (1) foot intervals when new buildings or parking areas are proposed. Spot elevations for any development in a flood hazard area.
    Partially provided and acceptable.

12. The location and treatment of proposed entrances and exits to public rights-of-way, including the possible utilization of traffic signals, channelization, acceleration and deceleration lanes, additional widths, and any other devices necessary to traffic safety and/or convenience. **Provided.**

13. The location and identification of proposed open space, parks, or other recreation areas.
    Provided.

14. The location and design of landscaping, buffer areas and screening areas showing size, species and spacing of trees and plants and treatment of unpaved areas. **Provided.**

15. The location of sidewalks, walkways, traffic islands and all other areas proposed to be devoted to pedestrian use. **Provided.**

16. The nature and location of public and private utilities, including maintenance and solid waste disposal, recycling and/or storage facilities. **Partially provided. Additional information is required.**

17. Specific location and design of traffic control devices, signs, and lighting fixtures. The Board may require of the applicant expert testimony concerning the adequacy of proposed traffic control devices, signs, and lighting fixtures. **Provided.**

18. Preliminary architectural plans for the proposed buildings or structures, indicating typical floor plans, elevations, heights and general design or architectural styling. **Not applicable.**

19. The present and past status use and contemplated use of the property and all existing buildings on the property. A cleanup plan where such is necessary because of the past or present use of the site. **Provided.**

20. A soil erosion and sediment control plan are required. Said plan shall be submitted to the Soil Conservation District and approval of the application shall be conditioned upon certification of the soil erosion and sediment control plan by the District. **Pending.**

21. Soil borings, when required by the Board Engineer. **Not required.**

22. Certification statement for the required municipal signatures, stating:

    Application No._____ approved/disapproved by the Borough of Highlands Land Use Board as a Major Site Plan on (date). **Partially provided. Revise to Land Use Board.**

    _____
    Chairman

    _____
    Secretary

23. Certification statement for the County Planning Board approval/disapproval, if required.
    Not applicable.

24. The Board may require any additional information which is reasonably necessary to ascertain compliance with the provisions of this chapter. **Open.**

III. COMPLETENESS

Adequate information has been provided to perform a technical review and therefore we recommend the application be deemed COMPLETE.

IV. GENERAL COMMENTS

Plan

1. The boundary shown on the key map and the survey are not consistent. Please provide the lot lines for Lots 27.04 and 27.05 on the plan and update.

3. Lot 27.06 (apartments) is noted as R-2.03 on the 200' Radius Map shown on the Cover Sheet; however, the lot is situated in the WC-2 zone according to the zoning map. Lot 30.02 is situated in the MF zone according to the zoning map. Please revise.

4. Please indicate the Zone X500 0.2 pct annual change flood hazard area on the plan.

5. Please provide the extent of the gas easement and other utilities underlain by the pavement shading on the plans.

6. The project site is located in the Coastal Area Facilities Review Act (CAFRA) Zone. The Applicant shall comply with all applicable NJDEP requirements and should confirm any specific restrictions and/or permitting requirements accordingly.

7. Please revise the certification statement according to checklist No. 22.

8. We have concern regarding the proposed ADA ramps with landings and the flush sidewalk along the entrance to the existing employee parking area and the existing inlet. More grading information is needed to demonstrate a safe walking area for pedestrians and no flooding.

   The existing inlet is not shown on the grading plan. According to the survey the grate has an elevation of 7.86. Whereas there is a proposed bottom of curb elevation of 9.07 close by. Please review.

   Please indicate if the employee gravel parking lot is to be removed. The existing depressed curb is noted as being removed, the proposed grades do not indicate driveway access, and proposed landscaping is shown within the existing parking area.

9. Please provide the location of disposal dumpster(s) and recycling area. Provide no parking area striping in this area.

10. We recommend bike racks be provided based upon current bike usage. Please show on the plan.

<u>Parking</u>

1. The proposed parking count has a deficit of 908 spaces from the required 1,863 spaces. The Applicant has indicated that overflow parking is available at an overflow parking lot located at Block 101, Lot 12.01. The submitted plan indicates an additional 221 parking spaces are available on the overflow lot.

   The Applicant is required to provide additional information about the insufficient number of required spaces according to § 21-65.13.E, *Commercial Parking Deficiency Variance and Parking Deficiency Fee.*

2. The parking lot does not include any electric vehicle charging spaces. Please provide the required number of Electric Vehicle Make-Ready parking spaces according to § 21-65A.D.2, *Requirements for New Installation of EVSE and Make-Ready Parking Spaces.*

3. The Applicant has noted that food trucks will be participating during festivals at this location. Please indicate on the plan the area dedicated to the food trucks. Please provide information about if and how the food trucks will decrease the available parking.

4. Please indicate if the employee gravel parking is remaining and included in the site improvements. Provide the number of available parking spaces.

5. Please provide a parking summary consisting of the number of spaces required for employees, restaurant, employees (ferry and other), beach and recreational uses and electric vehicles for parking lots. Please provide information regarding the seasonal impact to available spaces. Please explain why the total number of parking spaces has been reduced and how this reduction may

impact the facility. The Applicant has provided Ferry passenger information for the weekdays during all months of the year. Additional information shall be provided on the remaining uses.

6. According to § 21-65.14.D.6, *In general, ninety (90) degree parking spaces shall be nine (9) feet wide by eighteen (18) feet long; and parallel parking spaces shall be eight (8) feet wide by twenty-one (21) feet long.*

   The 90-degree parking is proposed as 8.50' x 18.00'. A design waiver is required.

7. Provide painted crosswalks at curb ramps/intended pedestrian routes through the parking lot.

8. The portion of the driveway with the painted 'Stop' will not be very visible without signage. We recommend an R1-1 Stop sign at the end of the opposing aisle, as done at other aisles.

   R1-1 Stop signs have been added at most of the stop bar locations. However, some locations propose a R5-1 Do Not Enter sign. This should be reviewed and revised.

   Proposed parking adjacent to proposed stop bars shall be eliminated. (See stop bar at the westbound aisle at the interior end of the site's egress driveway).

9. Please provide a vehicle circulation plan for emergency and commercial vehicles.

10. A fire lane is currently located along the common property line of Lot 27 and Lot 27.06. The proposed egress driveway is shown in the same area without fire zone striping. The Fire Chief must review and approve the proposed layout.

11. The Applicant shall propose an access aisle for the 2 ADA parking spaces in the overflow parking lot.

<u>Utilities</u>

1. A sanitary sewer manhole is shown in the parking lot. Please indicate how the site is serviced for sanitary sewer. Please provide the location of the existing sanitary sewer system along Shore Drive and along Lot 27.06 on the Grading, Drainage & Utility Plan.

3. Provide horizontal and vertical utility clearances for the proposed storm sewer relative to the sanitary system.

<u>Lighting</u>

1. According to § 21-65.11 Lighting, *The light intensity anywhere shall not exceed five-tenths (0.5) footcandle along any property line or three-tenths (0.3) footcandle if a residential property line. Light shields shall be provided, where needed to eliminate light spillover onto adjacent properties.*

   The lighting intensity near adjoining Lot 30.and should be revised to increase the light intensity in this area. The Applicant should also take caution not to increase the light intensity to a point where it encroaches upon the neighboring property.. Additionally, a solid fence along the property line to further shield the lighting from the adjacent property should be considered.

Stormwater Management

1. The Stormwater Management Report should be updated to match the current resubmission. The report cover indicates April 2025 / revised July 2025, while the site plans have been revised in 2026. The report should be revised and dated to reflect the current proposed layout.

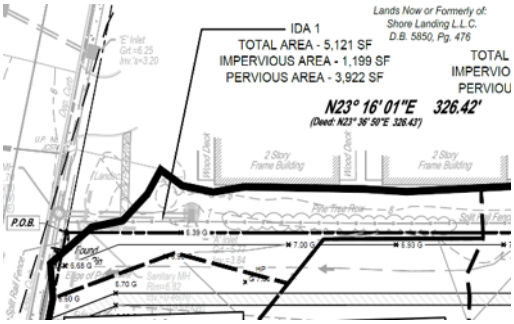
2. The report narrative should be reviewed for consistency with the current plan. The report references existing parking counts and proposed conditions that do not appear to match the current site plan, which now indicates 734 proposed spaces. The number of spaces including the overflow parking is 955 proposed spaces. The Applicant shall revise all parking, coverage, drainage, and impervious surface references for consistency.

3. The Stormwater Management Report states that the proposed improvements reduce impervious coverage and that stormwater quantity, quality, and groundwater recharge requirements are satisfied through the reduction in impervious coverage. The Applicant shall confirm that the impervious coverage values in the report match the zoning table and site plan.

4. The report states that the proposed drainage system continues to have one inlet flooding above six inches during the 2-year storm. The Applicant shall identify that inlet on the Grading, Drainage & Utility Plan and provide the depth, duration, and operational impact of flooding.

5. The existing storm drainage pipes along Shore Drive are not shown on the drainage plans. This information is shown on the 2025 Drainage Area Maps contained in the SWM Report, but the applicant must show this information on the drainage plans, and the requested plan and profiles. This includes the 18-inch RCP and the 23-inch by 14-inch elliptical pipe on the adjacent lot.

6. Where almost all proposed Drainage Areas, that include offsite surfaces, drain back onto the property in question, IDA1 (5,121 square feet), relies on an offsite drainage structure (A-Inlet Grate Elevation 5.77). This condition must be formalized with a drainage easement, or no surface water shall be allowed to flow onto adjacent property.



7. The Applicant has not provided storm sewer profiles or a surcharge/HGL exhibit. The Applicant shall provide storm sewer profiles for the proposed drainage system, including pipe size, pipe material, slope, length, rim elevations, invert elevations, minimum cover, utility crossings, hydraulic grade line, and identification of any pipes or drainage structures that surcharge during the analyzed storm event(s). This is to include the two existing inlets at Sandy Hook Bay and the 8-inch outlet pipes.

8. The Stormwater Management Report states that the piping system was designed to reduce the impact of the 2-year storm; however, the report should clarify whether the Drainage Piping System Analysis in Appendix E was performed using the current 2-year storm, the future/projected 2-year storm, or another design storm. The applicable rainfall depth, storm distribution, tailwater condition, and design criteria should be clearly stated in Section 6 and at the beginning of Appendix E.

9. The Stormwater Management Report shall be revised to reference the current submitted plan set. Section 6 states that the piping system locations are shown on the "Grading, Drainage, and Utility Plan," prepared by Najarian Associates, April 2025. The current resubmission plans are dated April 22, 2025 and last revised in June 5, 2026. The Applicant shall update the Stormwater Management Report, drainage calculations, drainage maps, and appendices to confirm they correspond to the current submitted grading, drainage, utility, and site layout plans.

10. The Stormwater Management Report acknowledges that the site is located near a tidal water body and that portions of the drainage system discharge toward Sandy Hook Bay. However, the report does not clearly identify the tailwater elevation or downstream boundary condition used in the drainage piping analysis. The Applicant shall clarify whether Sandy Hook Bay tidal tailwater/backwater conditions were considered in the pipe design, HGL analysis, inlet flooding analysis, and surcharge calculations. The Applicant shall provide the design tailwater elevation, datum, source of tidal/flood elevation data, and revised calculations or profiles as necessary.

11. The Stormwater Management Report states that impervious surface is being reduced and that an increase in groundwater recharge will naturally occur. However, the groundwater recharge analysis in Appendix D appears to show existing impervious area of 6.080 acres, proposed impervious area of 6.049 acres, an increase in pervious area of only 0.032 acres, and 0 cubic feet of annual recharge in both existing and proposed conditions. The Applicant shall clarify how groundwater recharge is being increased if the submitted recharge analysis shows no increase in annual recharge volume.

    In addition, the impervious area reduction shown in Appendix D appears to match the drainage-area calculations in the Stormwater Management Report, but it does not appear to match the lot coverage values shown in the Site Plan zoning table. The Applicant shall reconcile the impervious coverage, lot coverage, pervious area, and groundwater recharge calculations throughout the Stormwater Management Report, Appendix D, drainage-area tables, and current Site Plan zoning table.

12. The Applicant has provided NJDEP CAFRA Individual Permit No. 1317-02-0007.1 LUP250001, approved December 10, 2025. The Applicant shall provide a plan-compliance statement confirming that the current municipal site plans conform to the NJDEP-approved permit plan dated April 21, 2025, last revised December 1, 2025. If the current municipal plans differ from the NJDEP-approved plan, the Applicant shall obtain written confirmation from NJDEP that no permit modification is required, or shall obtain the required CAFRA permit modification prior to construction. The Applicant shall also demonstrate compliance with all permit conditions, including public access conservation restriction and signage, flood inundation signage, Floodplain Administrator review, Tidelands compliance, seasonal structure limitations, stormwater modification limitations, and required pre-construction notifications/recordings.

13. An Operations and Maintenance Manual or stormwater maintenance plan should be provided identifying the responsible party for maintenance of inlets, pipes, grates, outlet structures, and any other stormwater facilities.

14. The existing structures immediately upstream of the existing outfalls shall be considered for replacement with a catch basin in accordance with current NJDEP requirements.

<u>Construction details</u>

1. Please revise the concrete sidewalk detail to a 28-day strength of 4,500 psi.

2. Please provide construction details:

    a. 'A' and 'E' inlets

    b. Pipe connection

    c. Trenching

    d. Gravel section

    e. Crosswalk

    f. Solid fence

    g. Catch Basin

V. APPROVALS

Approval of this application will be conditioned upon the Applicant obtaining or providing approved documents for the following:

1. Freehold Soil Conservation
2. NJDEP FHA
3. Coastal Area Facilities Review Act (CAFRA) Zone, if required per NJDEP.

Should you have any questions, please do not hesitate to contact me.

Sincerely,

Cameron Corini, PE, CME, CPWM
Land Use Board Engineer

cc: Michael Muscillo, Borough Administrator, (mmuscillo@highlandsborough.org)
Dustin F. Glass, Esq., Land Use Board Attorney (dglass@semerarolaw.com)
Susan Gruel, Land Use Board Planner (mail@hgapa.com)
Steve Winters, Construction Official, Floodplain Administrator (swinters@highlandsborough.org)
Courtney Lopez, Zoning Officer (clopez@highlandsborough.org)
Alicia Jones, Construction Technical Assistant (ajones@highlandsborough.org)
Salvatore Alfierie, Esq., Applicant's Attorney (salfieri@cgajlaw.com)
Brad Thompson, PE, Applicant's Engineer (bradt@najarian.com)
Ted W. Pivovarnick, NJPLS, sUAV Pilot, Roberts Engineering Group, LLC
Ama Nimako, Roberts Engineering Group, LLC

HGA
HEYER, GRUEL & ASSOCIATES
COMMUNITY PLANNING CONSULTANTS

Memorandum

TO: Borough of Highlands Land Use Board

FROM: Susan Gruel, PP
Megan Adam, Associate Planner

RE: 326 Shore Drive
Block 100, Lot 27
Use Variance, Bulk Variances

DATE: July 8, 2025

As requested, we have reviewed the following materials:

- Borough of Highlands Land Use Board Application and Checklist, dated April 24, 2025;
- Property Survey of Block 100, Lot 27 in the Borough of Highlands, prepared by Najarian Associates dated June 25, 2024;
- 9-sheet engineering set entitled, "Seastreak Ferry Terminal Repaving Project," prepared by Najarian Associates dated April 22, 2025;
- Landscape and Lighting Plans prepared by Quercus Design Studio, LLC., dated March 12, 2025; and
- Stormwater Management Report prepared by Najarian Associates dated April 22, 2025.

Site Description

The subject property is an approximately 7.5-acre lot adjacent to the Sandy Hook Bay, with frontage along Shore Drive to the south, located at 326 Shore Drive. The property is located on Lot 27 of Block 100 in the Borough and includes approximately 221.7 feet of frontage along Shore Drive. The property includes a large parking lot for the Seastreak ferry service and a public beach, which is located in the northwestern section of the property. During the summer months, the Sandbox at Seastreak Beach Bar operates within the beach area, and several food trucks park on the site daily to serve the beachgoers.

The Seastreak ferry terminal is located within the southeastern section of the property. The terminal is serviced by a covered ticketing office and wood deck, which provide access to the ferry.

A fee is required during the summer to enter the Seastreak beach and utilize its amenities, which include the Sandbox Beach Bar, flexible seating, volleyball courts, and live music. The property survey notes that a one-story frame building, storage containers, and freezer also service the beach bar. The provided plans denote that, with the picnic tables provided and non-fixed seating, a total of 643 occupants could utilize the Seastreak beach.

Beyond the beach and ferry terminal is an extensive parking lot (the "main parking lot"), which includes a total of 957 parking spaces. This main parking lot is loosely marked by pavement markings and directional signage, and includes scattered sections of asphalt, gravel, sand, and concrete pads. The beach area is separated from the main parking lot by chain link fencing. This fencing continues along the property's western and eastern borders.

The subject property is located within the WC-2 Waterfront Commercial Zone of the Borough. Directly west of the property, on Lots 30.02 and 27.06 of Block 100 are two-story frame buildings for the Shore Landing Apartments and the Bayview Condominiums, respectfully. Residential multifamily use continues to the east of the subject property on Lot 27.01, which includes the Sandpiper Condominiums. Rows of hedges and wood fencing provide additional separation between these developments and the subject property.

Project Description

The primary improvements proposed for the subject property include repaving, restriping, and reorganizing circulation throughout the main parking lot. Operations of the Seastreak ferry terminal will remain, as will the existing beach use. The Sandbox Beach bar will continue to operate on a seasonal basis.

Demolition

Extensive demolition of the site's existing impervious improvements is proposed. The demolition plan notes that a majority of the site's asphalt, gravel, concrete pads, and striping will be removed. The southwestern section of the parking lot, which includes five (5) rows of angled compact parking spaces, will maintain its general configuration and one-way circulation to the ferry terminal. Site disturbance will not extend into the beach area; further, the existing sheds, frame building, and cooler that service the ferry terminal will remain and be protected. The site's existing inlets, piers, and fencing will also remain.

Proposed Parking/Circulation Improvements

The proposed project involves repaving the main parking lot to improve drainage, flow of traffic, and pedestrian safety. Three (3) different materials will pave the new lot, including full depth asphalt pavement, full depth gravel, and a mill and overlay asphalt pavement. Additional parking lot improvements include restriping of parking spaces, the construction of new curbs, sidewalks, and walkways throughout.

Safety measures, including the bar stops, new directional signage, and pavement markings, will be placed throughout the lot to guide circulation. The project proposes a total of 804 parking spaces throughout the main parking lot, which includes 17 ADA parking spaces, 3 ADA van parking spaces, 113 compact spaces, and 140 spaces within a two-row valet car lift. A minimum driveway width of 24 feet will be maintained

throughout the rows of standard parking spaces, and a width of 15 feet is proposed for the aisles with compact parking spaces. Two (2) car drop-off lanes will also be marked near the ferry terminal.

The proposed operations also include maintaining Block 101, Lot 12.01 (348 Shore Drive) as an overflow parking lot. This lot is located ¼ mile northwest of the subject property, and measures approximately 3 acres in area.

Landscaping and Lighting

A combination of deciduous trees (Bowhall Red Maples), evergreen trees (Eastern Red Cedars), and ornamental trees (Serviceberries) are proposed throughout the subject property where impervious improvements are not present. Additionally, shrubs, perennials, and ornamental grasses will be planted.

New light poles and bollards are proposed throughout the main parking lot, and within the beach area. To accommodate the 16 proposed light poles, new electrical and overhead wires will be laid. The overall mounting height of the light poles is 15 feet. Further, the bollard lights will be placed along walkways and within smaller parking sections. The average illumination throughout the main parking lot is approximately 2.52 footcandles (fc).

HGA
HEYER, GRUEL & ASSOCIATES
COMMUNITY PLANNING CONSULTANTS

Aerial of Subject Property

Zoning

The property is in the WC-2 Waterfront Commercial 2 Zone. The applicant is proposing to operate two principal uses on the site: a parking lot and a public beach. Proposed accessory uses include the Seastreak ferry service and seasonal operation of the Sandbox beach bar. Both accessory uses are permitted within the WC-2 zone. However, public beaches are not permitted within the WC-2 zone. Therefore, the application requires a d(1) use variance.

WC-2 Waterfront Commercial 1 Zone (Chapter 21 Attachment 1)			
	Ordinance Requirements	**Existing**	**Proposed**
Min. Lot Area	-	333,717 SF	No change
Min Lot Frontage/Width	100 feet	221.7 feet	No change
Min. Lot Depth	150 feet	870.6 feet	No change
Min. Front Setback	20 feet	828.9 feet	No change
Min. Side Setback	10 feet / 10 feet	> 10 feet / > 10 feet	No change
Min. Rear Setback	-	41.3 feet	No change
Max. Building Height	36 feet	<36 feet	No change
Max. Building Cover	25%	~0.2%	No change
Max. Impervious Cover	70%	**83.7%**	**83.1% (V)**

V = Bulk variance relief required

Off-Street Circulation, Parking, and Loading Requirements			
	Ordinance Requirements	**Existing**	**Proposed**
Minimum Number of Parking Spaces (21-65.14D)	Ferry transportation Services: 0.7 space for every passenger seat on all departing boats during a regular 24-hour period = 2,660 spaces* x 0.7 = **1,862 spaces** + Public and private beaches: 1 for every 250 square feet of beach area= 43,000 square feet of beach** / 250 square feet/beach = **172 spaces** + Eating and drinking establishment: 1 for every 4 seats = 408 fixed seats/4 = **102 spaces** **Total = 2,136 spaces**	**957 spaces**	**804 spaces + unclear on offsite lot (V)**
On-Site Parking Requirement (21-84A)	Waterfront Uses and Districts: "In the WC-2 district all required parking shall be provided on site."	**Off-site parking provided within overflow lot on Block 101, Lot 12.01 (ENC)**	**No change (V)**
Parking Space Setbacks (21-65.14D)	Parking spaces or access aisles, except entrance or exit drives, shall have a minimum setback of at least one-half (1/2) the required setback for the principal building." **Front Setback**: 20 feet / 2 = **10 feet** **Side Setback**: 10 feet / 2 = **5 feet**	Front Setback: 2 feet Side Setback: 5.4 feet	Front Setback: 10 feet Side Setback: 8 feet
Minimum Parking Space Dimensions (21-65.14D)	Standard spaces: In general, ninety (90) degree parking spaces shall be nine (9) feet wide by eighteen (18) feet long	N/A	**18' x 8.5' proposed (W)**

Driveway Aisle Width (21-65.14D)	90-degrees parking angle: 24 feet 45-degrees parking angle (one-way): 13 feet	N/A	90-degrees: 24 feet 45-degrees: 15 feet
Bumper Provisions (21-65.14D)	Parking spaces shall be delineated by a treated wood bumper, at minimum of thirty (30) inches above grade.	**Not provided (ENC)**	**No change (W)**
Landscaping Requirements			
	Ordinance Requirements	**Existing**	**Proposed**
Minimum Landscaping (21-65.10)	A minimum of ten (10%) percent of the area of the site not devoted to structures, paving or other required uses shall be landscaped.	**Unclear**	**Unclear – applicant to confirm**
Lighting Requirements			
	Ordinance Requirements	**Existing**	**Proposed**
Fixture Height (21-65.11)	No light source, including sign lights, shall exceed a height of fifteen (15) feet	**N/A**	15 feet
Light Intensity (21-65.11)	The light intensity provided at ground level shall be a minimum of three-tenths (0.3) footcandle anywhere and shall average a minimum of five-tenths (0.5) footcandle over the entire area	**N/A**	Minimum: 0.5 fc Average: 2.52 fc
	The light intensity anywhere shall not exceed three-tenths (0.3) footcandle along any residential property line.	**N/A**	**> 0.3 fc periodically (V)**

***Based on a report by Brian O'Callahan on July 13, 2023**

****Value estimated using the scale of the provided drawings**

ENC = Existing non-conforming condition

W = Design Waiver required

Variances and Waivers Required

1. The applicant requires d(1) variance relief to permit a public beach within the WC-2 Waterfront Commercial 2 Zone.

Pre-Existing Non-Conforming Conditions

Pre-existing non-conforming conditions include:

Design Standards/Waivers

1. **Bumper Provisions (§26-65.14D) –** Where bumpers are required for surface parking spaces, no bumpers are proposed.

Newly Created Deviations

C-Variances

1. **Excessive Impervious Coverage (Chapter 21 Attachment 1)** – A maximum impervious coverage of 70% is permitted, where 83.1% is proposed.
2. **Insufficient Onsite Parking Spaces (§21-65.14D)** – Where a total of 2,136 parking spaces is required, 804 parking spaces are proposed.
3. **Offsite Parking Requirement (§21-84A)** – Where offsite parking is not permitted within the WC-2 district, offsite parking is proposed on Block 101, Lot 12.01.
4. **Excessive Illumination (§21-65.11)** – Where the light intensity shall not exceed 0.3 fc along any residential property line, greater than 0.3 fc is proposed along the southern and western property lines.

Design Standards/Waivers

1. **Insufficient Standard Parking Space Dimensions (§21-65.14D)** – Where the minimum required width of a standard parking space is 9 feet, 8.5 feet is proposed.

Planning Comments:

Variance

1. This application requires d(1) use variance relief to permit a public beach within the WC-2 Waterfront Commercial 2 Zone. The applicant shall provide planning testimony to justify the requested relief from the Board.
    a. Positive Criteria - That there are “special reasons” for granting the requested variance and that the site is “particularly suitable” for the proposed use, which are often referred to as the “positive criteria.”

i. The "special reasons" testimony shall either demonstrate how the proposed use advances the purposes of zoning, whether there is a hardship that prevents development of the property with a permitted use, or whether the proposed use is inherently beneficial.

ii. The "particularly suitable" analysis should focus on why this location within the municipality or region is particularly suited to the use despite the zoning, and what unique characteristics of the site make it appropriate for the proposed use rather than a permitted use.

b. Negative Criteria - The applicant's testimony must demonstrate that the requested variance can be granted without substantial detriment to the public good. This analysis should consider impacts on neighboring properties and on the general public welfare. The applicant's testimony must demonstrate that the requested variance will not substantially impair the intent and the purpose of the Borough Master Plan and Zoning ordinance.

2. The application requires two (2) design exceptions. The applicant shall provide testimony demonstrating that strict compliance with the Ordinance standards is impracticable per the standard set forth at N.J.S.A. 40:55D-51.

Conformance with the Borough Master Plan

1. The 2016 Master Plan Reexamination Report for the Borough established distinct waterfront zones, including waterfront commercial, residential, and transitional commercial/residential zones. The subject property is located within a waterfront commercial zone, as most of this zone's development consists of restaurants, marinas, and commercial establishments. Unlike waterfront transitional zones, where beaches are permitted, neither public nor private beaches are permitted within waterfront commercial zones.
    a. The applicant shall provide testimony regarding the implications of deviating from the Reexamination Report's vision, and maintaining both the beach and beach bar uses within a waterfront commercial zone, rather than a waterfront transitional zone.
2. Further, within the Master Plan Reexamination, it is explicitly mentioned that parking should be limited to an accessory use within waterfront commercial zones: "due to sensitive location of the waterfront commercial districts, the Borough should ensure parking in these areas is limited to an accessory use" (p.54).
    a. Parking is maintained as a principal use within Lot 27.
    b. The proposed development also includes maintaining the existing overflow parking lot on Block 101, Lot 12.01.

i. The applicant shall clarify the number of parking spaces within this offsite lot, and speak to its efficiency to accommodate overflow parking.
ii. No plans for this lot have been provided; is any work proposed within this lot (e.g., repaving, restriping, addition of parking spaces)?
iii. We note that this property is owned by Sandy Hook Bay Parking, LLC. Has this owner been made aware of the current application for Lot 27?

Dual Use of the Site/Parking Arrangements

1. The parking space deficit for the ferry service was significant prior to the current application. Further, less parking spaces (804) are proposed than are currently on the site (957). We note that from a site visit on June 23, 2025, several cars were parked on the grass within the main parking lot.
    a. The applicant shall provide testimony regarding the ability of site and proposed parking arrangements to meet the needs of both the ferry service, and beachgoers.
2. With the newly proposed parking arrangements, where will the food trucks park in the summertime? Will these trucks have designated parking areas or still take up car parking spaces?
3. The applicant shall speak to the feasibility of incorporating bumpers for the parking spaces, to eliminate the accumulated waiver.

Lighting

1. The lighting plan shall be revised to eliminate all light spillage onto neighboring properties.
2. The proposed illumination along the southern and western property lines shall be reduced to not exceed 0.3 fc.
3. The applicant shall confirm that all proposed lighting fixtures are downcast and will not create a glare.

Landscaping

1. The applicant shall clarify that a minimum of ten (10%) percent of the area not devoted to structures or paving is landscaped, in accordance with §21-65.10. Additional variance relief may be required.

Miscellaneous

1. The applicant shall provide testimony regarding parking logistics during the proposed construction; where will vehicles park during the repaving? Will this affect operations of the Seastreak ferry?
2. The provided plans do not indicate provisions for trash and recycling.
    a. Trash and recycling provisions shall be outlined on the drawing set.

b. The applicant shall provide testimony regarding circulation of a garbage truck throughout the site based on the new arrangements.

3. No bicycle parking spaces have been provided on the plans. The plans shall be revised to accommodate bicycle parking spaces, given the nature of the beach and beach bar use.
4. The application package notes that deed restrictions exist on the site, but this documentation has not been attached. The applicant shall confirm that any deed restrictions do not affect the proposed operations.

Site Visit Photos (taken June 23, 2025)

View of the subject property along Shore Drive.

Seastreak ferry terminal.

Seastreak Beach.

Operations of the Sandbox at Seastreak Beach (bar and food trucks).

Existing parking arrangements and one-way driveways within the main parking lot.

Combination of gravel, sand, and asphalt within the main parking lot.

Several cars parked on the grass within the main parking lot.

Overflow parking lot, located at 348 Shore Drive.

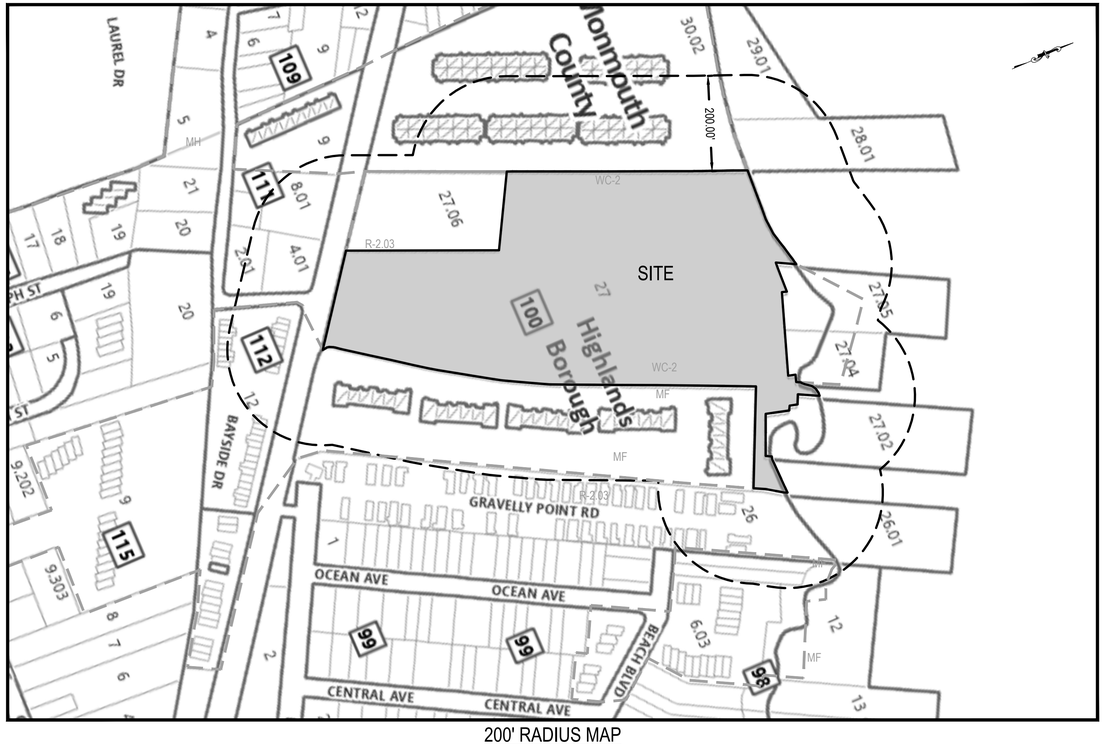
SEASTREAK FERRY TERMINAL REPAVING PROJECT

FOR

HIGHLANDS LANDING CORPORATION

MAJOR SITE PLAN
BLOCK 100 , LOT 27
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NEW JERSEY; TAX MAP # 19

LOCATION MAP
SCALE: 1" = 250'
SOURCE: NJ GEO WEB



200' RADIUS MAP
SCALE: 1" = 150'
SOURCE: TAX MAP SHEET # 19
BOROUGH OF HIGHLANDS, MONMOUTH COUNTY, NJ

CIVIL DRAWING LIST

DWG. NO.	DRAWING TITLE	SCALE	LAST REV.
1	COVER SHEET	AS SHOWN	05/27/26
2	GENERAL NOTES	AS SHOWN	05/27/26
3	DEMOLITION PLAN	1" = 40'	05/27/26
4	SITE PLAN	1" = 40'	05/27/26
5	GRADING, DRAINAGE & UTILITY PLAN	1" = 40'	05/27/26
6	SOIL EROSION AND SEDIMENT CONTROL PLAN	1" = 40'	05/27/26
7	SOIL EROSION AND SEDIMENT CONTROL NOTES	AS SHOWN	05/27/26
8	SOIL EROSION AND SEDIMENT CONTROL DETAILS	AS SHOWN	05/27/26
9	LANDSCAPE PLAN	1" = 40'	05/27/26
10	LANDSCAPE NOTES AND DETAILS	AS SHOWN	05/27/26
11	LIGHTING PLAN	1" = 40'	05/27/26
12	LIGHTING NOTES AND DETAILS	AS SHOWN	05/27/26
13	DETAIL PLAN	AS SHOWN	05/27/26
1 OF 1	BOUNDARY AND TOPOGRAPHIC SURVEY	1" = 40'	06/25/24

OWNER AND APPLICANT:

OWNER: HIGHLANDS LANDING CORPORATION
2 FIRST AVENUE
ATLANTIC HIGHLANDS, NJ 07716

APPLICANT: JACK BEVINS
2 FIRST AVENUE
ATLANTIC HIGHLANDS, NJ 07716

MUNICIPAL APPROVAL BLOCK

I HEREBY CERTIFY THAT I HAVE CAREFULLY EXAMINED THESE PLANS AND FIND IT CONFORMS WITH ALL MUNICIPAL ORDINANCES AND REQUIREMENTS APPLICABLE THERETO:

DATE _____ BOROUGH ENGINEER _____

APPROVED BY THE PLANNING BOARD OF BOROUGH OF HIGHLANDS, MONMOUTH COUNTY, NEW JERSEY THIS _____ DAY OF _____, _____

DATE _____ CHAIRMAN _____

DATE _____ SECRETARY _____

Najarian Associates
Professional Engineers, Land Surveyors & Planners - Scientists
One Industrial Way West, Eatontown, New Jersey 07724
(732) 389-0220 - Facsimile No. (732) 389-8546
Certificate of Authorization Certificate # 24GA27993300

BRAD M. THOMPSON, P.E.
NJ PROFESSIONAL ENGINEER, LIC. No. 48975

REVISIONS

NO.	DATE	DESCRIPTION
1	2025-05-27	REVISED PER FSCD REVIEW
2	2025-05-29	REVISED LOTS PER NJDEP COMMENT
3	2025-06-03	REVISED PER TOWNSHIP COMMENT
4	2026-05-27	REVISED PER TOWNSHIP AND PUBLIC COMMENT
5	2026-06-05	REVISED PER TOWNSHIP COMMENT

COVER
SEASTREAK FERRY TERMINAL REPAVING PROJECT
FOR HIGHLANDS LANDING CORPORATION
MAJOR SITE PLAN
BLOCK 100, LOT 27
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NEW JERSEY, TAX MAP # 19

JOB NO. 8407
FILE NAME 8407-Cover Sheet.dwg
DRAWN ERI | REVIEWED BMT
DATE 04/22/25 | SCALE AS SHOWN
SHEET NO. C-01
OF 13

OWNER AND APPLICANT

OWNER: HIGHLANDS LANDING CORPORATION
2 FIRST AVE.
ATLANTIC HIGHLANDS, NJ 07716

APPLICANT: JACK BEVINS
2 FIRST AVE.
ATLANTIC HIGHLANDS, NJ 07716

REQUIRED ADDITIONAL APPROVALS

JURISDICTIONAL AGENCY	PERMIT NUMBER	PERMIT STATUS
1. MUNICIPAL PLANNING BOARD	0000-0000	PENDING
2. MUNICIPAL SOIL MOVEMENT PERMIT	0000-0000	PENDING
3. SOIL CONSERVATION DISTRICT	2025-0334	APPROVED
4. NJDEP CAFRA INDIVIDUAL PERMIT	1317-02-0007.1 LUP250001	APPROVED

REFERENCES

1. BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN HEREON WAS OBTAINED FROM A PLAN ENTITLED "BOUNDARY AND TOPOGRAPHIC SURVEY, HIGHLANDS LANDING CORPORATION, BLOCK 100 LOT 27, TAX MAP SHEET NO. 19 BOROUGH OF HIGHLANDS, MONMOUTH COUNTY, NEW JERSEY, PREPARED FOR SEASTREAK LLC," PREPARED BY NAJARIAN ASSOCIATES, DATED 06/25/2024.
2. HORIZONTAL DATUM BASED ON NEW JERSEY STATE PLANE COORDINATE SYSTEM NORTH AMERICAN DATUM (NAD83).
3. VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM (NAVD88).

UTILITY PURVEYORS

MUNICIPAL MUA

HIGHLANDS MUNICIPAL COURT
151 NAVESINK AVE.
HIGHLANDS, NJ, 07732

MUNICIPAL WATER DEPARTMENT

NJ AMERICAN WATER - COASTAL NORTH
1 WATER STREET
CAMDEN, NJ, 08102

NATURAL GAS PURVEYOR

NJNG
1415 WYCKOFF ROAD
WALL, NJ, 07719

ELECTRIC PURVEYOR

JCP&L
300 MADISON AVE.
PO BOX 1911
MORRISTOWN, NJ, 07960

USE OF PLANS NOTES

1. UNLESS THESE DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION ISSUE," THESE DRAWINGS OR THE IMPROVEMENTS DEPICTED HEREON SHALL NOT BE USED FOR CONSTRUCTION. CONTRACTORS MUST NOTIFY THE ENGINEER OF RECORD TO OBTAIN CONSTRUCTION DOCUMENTS.
2. ALL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR. NOTIFY THE ENGINEER OF RECORD OF ANY CONFLICTS, ERRORS, AMBIGUITIES, OR DISCREPANCIES IN THE DRAWINGS OR SPECIFICATIONS BEFORE STARTING CONSTRUCTION.
3. ALL DIMENSIONS SHALL BE AS NOTED IN WORDS OR NUMBERS ON THE DRAWINGS. DO NOT SCALE THE DRAWINGS TO DETERMINE DIMENSIONS.
4. THESE DRAWINGS CONTAIN DATA INTENDED SPECIFICALLY FOR THE NOTED PROJECT AND CLIENT. THEY ARE NOT INTENDED FOR USE ON EXTENSIONS OF THIS PROJECT OR FOR REUSE ON ANY OTHER PROJECT.
5. THE COPYING AND/OR MODIFICATION OF THIS DOCUMENT OR ANY OTHER PORTION THEREOF WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER OF RECORD IS PROHIBITED.
6. INFORMATION FOR DESIGN LAYOUT IS CONTAINED SOLELY IN THE WRITTEN DIMENSIONS, BEARINGS, AND ANGLES CONTAINED ON THE DRAWINGS.
7. THE DIMENSIONAL INFORMATION IS NOT WARRANTED NOR SHOULD IT BE CONSIDERED AS COMPLETE FOR EVERY ASPECT OF THE LAYOUT. THE STANDARD OF CARE REQUIRES THAT A LICENSED SURVEYOR CHECK THE DIMENSIONAL DATA CONSISTENCY AND MAKE SURVEY CALCULATIONS WHICH ARE CUSTOMARY FOR CONSTRUCTION LAYOUT.
8. THE GRAPHICAL INFORMATION CONTAINED IN ELECTRONIC FILES IS INTENDED AS DRAWING DATA ONLY, IT IS NOT INTENDED TO SERVE AS SURVEY LAYOUT DATA.
9. ALL SITE UTILITIES TO BE INSTALLED BY THE SITE CONTRACTOR TO A POINT FIVE FEET FROM THE STRUCTURE IN ACCORDANCE WITH INDUSTRY STANDARDS UNLESS SPECIFICALLY SHOWN OTHERWISE. SITE CONTRACTOR TO COORDINATE WITH BUILDING TRADES CONTRACTOR TO ENSURE COORDINATION OF UTILITY CONNECTION LOCATIONS. REPORT ANY DISCREPANCIES TO THE ENGINEER OF RECORD.
10. ALL DIMENSIONAL INFORMATION SHOWN HEREON INDICATING BUILDINGS IS BASED UPON FACE OF BUILDING. ALL ROADWAY DIMENSIONS ARE TO INSIDE FACE OF CURBING.

DEMOLITION NOTES

1. THE CONTRACTOR MUST PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, AND ANY MODIFICATIONS, AMENDMENTS OR REVISIONS TO SAME.
2. THE DEMOLITION PLAN IS INTENDED TO PROVIDE GENERAL INFORMATION ONLY REGARDING ITEMS TO BE DEMOLISHED OR REMOVED FROM THE SITE. THE CONTRACTOR MUST ALSO REVIEW THE OTHER CONSTRUCTION DOCUMENTS AND INCLUDE IN DEMOLITION ACTIVITIES ALL WORK NECESSARY FOR THE CONSTRUCTION OF THE NEW IMPROVEMENTS.
3. PRIOR TO THE START OF ANY DEMOLITION THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND KEEPING A COPY OF ALL PERMITS ON SITE FOR REVIEW BY THE ENGINEER OR RECORD OR ANY OTHER JURISDICTIONAL AGENCY REPRESENTATIVE THROUGHOUT THE DURATION OF THE PROJECT AND DEMOLITION WORK.
4. THE CONTRACTOR MUST NOTIFY THE OFFICE OF THE MUNICIPAL ENGINEER AND THE LOCAL SOIL CONSERVATION DISTRICT 72 HOURS PRIOR TO THE START OF DEMOLITION OR THE CONSTRUCTION OF ANY IMPROVEMENTS UNDER ITS JURISDICTION.
5. ALL SOIL EROSION CONTROL MEASURES AND DRAINAGE STRUCTURES MUST BE INSTALLED PRIOR TO THE START OF ANY DEMOLITION ACTIVITIES OR SITE DISTURBANCE.
6. THE CONTRACTOR MUST USE, REFER TO, AND COMPLY WITH THE REQUIREMENTS OF THE NEW JERSEY 811 ONE CALL SYSTEM TO LOCATE ALL OF THE UNDERGROUND UTILITIES PRIOR TO THE BEGINNING OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO ANY EXISTING UTILITIES WHICH OCCUR DURING CONSTRUCTION, AT NO COST TO THE OWNER AND AT CONTRACTOR'S SOLE COST AND EXPENSE.
7. THE CONTRACTOR MUST PROTECT AND MAINTAIN ALL ACTIVE UTILITIES AND SYSTEMS THAT ARE NOT BEING DEMOLISHED OR REMOVED DURING DEMOLITION.
8. THE CONTRACTOR MUST BACKFILL ALL EXCAVATIONS RESULTING FROM THE DEMOLITION OF ON SITE FEATURES. BACKFILL MUST BE PERFORMED WITH APPROVED BACKFILL MATERIALS, AND MUST BE SUFFICIENTLY COMPACTED TO SUPPORT PROPOSED IMPROVEMENTS IN ACCORDANCE WITH THE GEOTECHNICAL REPORT OR ON SITE GEOTECHNICAL ENGINEER. BACKFILLING MUST OCCUR IMMEDIATELY AFTER DEMOLITION TO PREVENT WATER FROM ENTERING THE EXCAVATION AND POTENTIALLY CHANGING THE MOISTURE CONTENT OF THE UNDERLYING SOILS. GRADING OF BACKFILL AREAS MUST BE DONE IN A WAY TO PROMOTE POSITIVE DRAINAGE.
9. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND PROTECTING THE TRAFFIC CONTROL PLAN AND ELEMENTS IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS, FOR ALL WORK THAT AFFECTS PUBLIC TRAVEL EITHER IN THE RIGHT OF WAY OR ON SITE. THE COST FOR THIS ITEM MUST BE INCLUDED IN THE CONTRACTOR'S PRICE AND IS THE CONTRACTOR'S SOLE RESPONSIBILITY.
10. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF BARRIERS, FENCING, AND OTHER APPROPRIATE SAFETY ITEMS NEEDED TO PROTECT THE PUBLIC FROM AREAS OF CONSTRUCTION AND TO PREVENT THE ENTRY OF UNAUTHORIZED PERSONS AT ANY TIME.
11. THE CONTRACTOR IS RESPONSIBLE FOR THE OFF-SITE DISPOSAL OF ALL DEMOLITION MATERIAL IN A MANNER SATISFACTORY TO THE MUNICIPAL ENGINEER. BURYING OF DEMOLITION MATERIALS WILL NOT BE PERMITTED IN ANY CASE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO MAINTAIN RECORDS TO DEMONSTRATE PROPER AND FULLY COMPLIANT DISPOSAL ACTIVITIES, TO BE PROMPTLY PROVIDED TO THE OWNER UPON REQUEST.
12. THE CONTRACTOR MUST MAINTAIN AND PROVIDE A RECORD SET OF PLANS SHOWING THE LOCATION OF EXISTING UTILITIES THAT ARE CAPPED, ABANDONED IN PLACE, OR RELOCATED DURING THE DEMOLITION PROCESS. THE RECORD DOCUMENT MUST BE PREPARED IN A LEGIBLE FORMAT AND PROVIDED TO THE OWNER AND ENGINEER OR RECORD UPON COMPLETION OF THE WORK.

GENERAL NOTES

1. THE OFFICE OF THE MUNICIPAL ENGINEER AND THE LOCAL SOIL CONSERVATION DISTRICT MUST BE NOTIFIED 72 HOURS PRIOR TO THE START OF CONSTRUCTION OF ANY IMPROVEMENTS UNDER ITS JURISDICTION.
2. THESE PLANS ARE SOLELY BASED ON INFORMATION THE OWNER AND OTHERS PROVIDED TO THE ENGINEER OF RECORD PRIOR TO THE DATE ON THESE PLANS. THE CONTRACTOR MUST FIELD VERIFY ALL EXISTING CONDITIONS AND IMMEDIATELY NOTIFY THE ENGINEER OF RECORD IN WRITING IF ANY ACTUAL SITE CONDITIONS DIFFER FROM THOSE SHOWN ON THESE PLANS, OR IF THE PROPOSED WORK CONFLICTS WITH ANY OF THE EXISTING SITE FEATURES TO REMAIN.
3. THE CONTRACTOR MUST NOT SCALE OFF THE DRAWINGS. ALL DIMENSIONS AND MEASUREMENTS ARE TO BE CHECKED AND CONFIRMED BY THE CONTRACTOR PRIOR TO PREPARATION OF SHOP DRAWINGS, ORDERING OF PARTS AND MATERIALS AND STARTING SITE WORK. SITE PLAN DRAWINGS ARE NOT INTENDED AS SURVEY DOCUMENTS. DIMENSIONS SUPERSEDE GRAPHICAL REPRESENTATIONS. THE CONTRACTOR MUST MAKE CONTRACTOR'S OWN MEASUREMENTS FOR LAYOUT OF IMPROVEMENTS.
4. THE CONTRACTOR MUST STRICTLY COMPLY WITH THESE NOTES AND ALL OTHER NOTES CONTAINED ON THESE PLANS, AS WELL AS ANY ADDITIONAL INFORMATION CONTAINED IN SPECIFICATIONS OR REPORTS THAT ARE PART OF THE DESIGN DOCUMENTS. ADDITIONAL NOTES AND SPECIFIC PLAN NOTES MAY BE FOUND ON THE INDIVIDUAL PLAN SHEETS. THESE GENERAL NOTES APPLY TO THIS ENTIRE DOCUMENT PACKAGE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL DESIGN DOCUMENTS PRIOR TO THE INITIATION AND COMMENCEMENT OF CONSTRUCTION AND TO CONFIRM WITH THE ENGINEER OF RECORD THAT THE LATEST EDITION OF THE DOCUMENTS ARE BEING USED FOR CONSTRUCTION.
5. WHEN INCLUDED AS ONE OF THE REFERENCED DOCUMENTS, THE GEOTECHNICAL REPORT, SPECIFICATIONS, AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE CONSTRUCTION DOCUMENTS. IN THE CASE OF CONFLICT, THE MORE STRINGENT REQUIREMENTS OR RECOMMENDATIONS CONTAINED WITHIN EITHER THESE PLANS OR THE GEOTECHNICAL REPORT MUST TAKE PRECEDENCE. THE CONTRACTOR MUST NOTIFY THE ENGINEER OF RECORD, IN WRITING, OF ANY CONFLICTS BETWEEN THE GEOTECHNICAL REPORT AND THESE PLANS PRIOR TO PROCEEDING WITH ANY FURTHER WORK. IF A GEOTECHNICAL REPORT WAS NOT CREATED FOR THE PROJECT, THEN THE CONTRACTOR MUST FOLLOW AND COMPLY WITH ALL OF THE REQUIREMENTS OF THE MUNICIPAL, COUNTY, STATE, AND FEDERAL LAWS AND APPLICABLE SPECIFICATIONS THAT HAVE JURISDICTION OVER THE PROJECT.
6. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR MUST ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR ORDERING OF MATERIALS IS TO BEGIN UNTIL THE CONTRACTOR HAS CONFIRMED THAT ALL REQUIRED PERMITS HAVE BEEN OBTAINED. THE CONTRACTOR MUST HAVE COPIES OF ALL PERMITS AND APPROVALS ON SITE AT ALL TIMES.
7. THE CONTRACTOR MUST PROVIDE SUCH TEMPORARY DRAINAGE, SOIL EROSION, AND DUST CONTROL MEASURES AS MAY BE DIRECTED BY THE MUNICIPAL ENGINEER OR OTHER JURISDICTIONAL AGENCIES TO SATISFY ENVIRONMENTAL CONCERNS RELATED TO CONSTRUCTION.
8. ALL ENVIRONMENTAL WORK TO BE PERFORMED ONSITE MUST BE DONE IN ACCORDANCE WITH NJDEP REGULATIONS AND CONDITIONS SPECIFIED IN ALL ENVIRONMENTAL PERMITS.
9. ALL SOIL EROSION CONTROL MEASURES AND DRAINAGE STRUCTURES MUST BE INSTALLED PRIOR TO THE START OF ANY CONSTRUCTION.
10. PRIOR TO ANY SITE DISTURBANCE, ALL WETLANDS TRANSITION AREA LIMITS SHALL BE CLEARLY IDENTIFIED IN THE FIELD WITH ORANGE SNOW FENCING BY MIRAFI OR APPROVED EQUAL. SILT FENCE MUST BE LOCATED ONE FOOT UPSTREAM OF SNOW FENCING AND DOWNSTREAM OF CLEARING LIMITS. THE CONTRACTOR MUST VERIFY THAT ALL PERMITS REQUIRED BY LOCAL, COUNTY, STATE, FEDERAL, OR OTHER AGENCIES HAVING JURISDICTION ARE IN HAND AND VALID PRIOR TO COMMENCING WORK.
11. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN AN ON-SITE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN COMPLIANCE WITH THE ENVIRONMENTAL PROTECTION AGENCY REQUIREMENTS OR LOCAL GOVERNING AGENCY FOR SITES WITH CONSTRUCTION ACTIVITY OF ONE ACRE OR MORE. THE CONTRACTOR MUST PREPARE THE ACTIVITIES AND PLANS INCLUDING THOSE OF ALL SUBCONTRACTORS, ARE IN COMPLIANCE WITH THE SWPPP, INCLUDING LOGGING ACTIVITIES (MINIMUM ONCE PER WEEK AND AFTER RAINFALL EVENTS) AND CORRECTIVE MEASURES, AS APPROPRIATE, ALONG WITH THE OTHER REQUIREMENTS OF A SWPPP.
12. THE CONTRACTOR MUST REPAIR OR REPLACE, AT THE CONTRACTOR'S SOLE COST AND EXPENSE, ALL SIDEWALKS, CURBS, AND PAVEMENT DAMAGED BY CONSTRUCTION ACTIVITIES WHETHER SPECIFIED ON THESE PLAN OR NOT. THE CONTRACTOR MUST REPAIR, AT CONTRACTOR'S SOLE COST, ALL DAMAGE DONE TO ANY NEW OR EXISTING BUILDINGS, SITE FEATURES, OR PROPERTY DURING THE COURSE OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO DRAINAGE, UTILITIES, PAVEMENT, STRIPING, ETC. AND MUST BEAR ALL COSTS ASSOCIATED WITH THE REPAIRS. THE CONTRACTOR IS RESPONSIBLE FOR AND MUST REPLACE ALL WIRING CONDUITS, AND ANY UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION AND MUST BEAR ALL COSTS ASSOCIATED WITH SAME. THE REPAIR OF ANY SUCH NEW OR EXISTING CONSTRUCTION OR PROPERTY MUST RESTORE THE DAMAGED PROPERTY TO A CONDITION EQUIVALENT TO OR BETTER THAN THE CONDITIONS PRIOR TO CONSTRUCTION, AND IN CONFORMANCE WITH APPLICABLE CODES, LAWS, RULES, REGULATIONS, STATUTORY REQUIREMENTS AND STATUTES. THE CONTRACTOR MUST PROMPTLY DOCUMENT ALL EXISTING DAMAGE AND NOTIFY, IN WRITING, THE OWNER AND THE CONSTRUCTION MANAGER PRIOR TO THE START OF CONSTRUCTION.
13. THE INSTALLATION OF UTILITIES MUST BE COORDINATED WITH BUILDING IMPROVEMENTS TO TO ASSURE THE WELL-BEING OF LIFE AND PROPERTY DURING CONSTRUCTION. WATER SERVICE IS A CRITICAL NEED AND MUST BE SCHEDULED ACCORDINGLY. WATER SUPPLY AND HYDRANT CONNECTIONS ARE TO BE ESTABLISHED AS A PRIORITY DURING INITIAL SITE DEVELOPMENT TO ASSURE ADEQUATE WATER FOR FIRE PROTECTION DURING ALL PHASES OF CONSTRUCTION.
14. SIGHT TRIANGLE EASEMENTS ARE SUBJECT TO GRADING, PLANTING AND CONSTRUCTION AS DESCRIBED IN THE MUNICIPAL LAND USE ORDINANCE. SIGHT TRIANGLE EASEMENTS SHALL BE SUBJECT TO THE REQUIREMENTS ESTABLISHED IN THE LAND USE DEVELOPMENT AND REGULATIONS OF THE MUNICIPALITY.
15. IT IS NOT THE INTENT OF THESE PLANS TO PROVIDE REINFORCING STEEL AND CONCRETE DESIGNS FOR ANY PRE-CAST OR POURED IN PLACE CONCRETE STRUCTURES, OTHER THAN THE REINFORCING STEEL AND CONCRETE DESIGNS SPECIFICALLY NOTED ON THESE PLANS. ANY REINFORCING STEEL AND CONCRETE DESIGN MUST BE SUPPLIED BY THE PRE-CASTING MANUFACTURER OR A REPUTABLE STRUCTURAL ENGINEER CONTRACTED BY THE CONTRACTOR.
16. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION ACTIVITIES AND MATERIALS COMPLY WITH AND CONFORM TO APPLICABLE FEDERAL, STATE AND LOCAL RULES AND REGULATIONS, LAWS, ORDINANCES, AND CODES, AND ALL APPLICABLE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, (29 U.S.C. 651 ET SEQ.) AS AMENDED, AND ANY MODIFICATIONS, AMENDMENT'S OR REVISIONS TO SAME.
17. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING WHEN AND WHERE SHORING IS REQUIRED AND FOR INSTALLING ALL SHORING REQUIRED DURING EXCAVATION (TO BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS) AND ANY ADDITIONAL PRECAUTIONS TO BE TAKEN TO ASSURE THE STABILITY OF ADJACENT, NEARBY AND CONTIGUOUS STRUCTURES AND PROPERTIES. ALL OF THIS WORK IS TO BE PERFORMED AT CONTRACTOR'S SOLE COST AND EXPENSE.
18. THE CONTRACTOR MUST INSTALL ALL STRUCTURES AND MATERIALS IN STRICT COMPLIANCE WITH THE MANUFACTURER'S STANDARDS AND SPECIFICATIONS. IF THE CONTRACTOR FAILS TO DO SO, THEY AGREE TO BEAR ALL COSTS ASSOCIATED WITH THE REPAIRS OR SOLUTIONS REQUIRED TO REMEDY ANY ISSUES THAT ARISE DURING OR AFTER CONSTRUCTION.
19. ALL CONSTRUCTION SHOWN HEREON MUST CONFORM TO RSIS, MUNICIPAL, AND COUNTY STANDARDS, CONSTRUCTION DETAILS, AND SPECIFICATIONS APPLICABLE TO THE DEVELOPMENT AS WELL AS THE NJDOT ROADWAY STANDARDS, UNLESS SPECIFICALLY NOTED OTHERWISE HEREIN. IN CASE OF CONFLICT, THE MORE RESTRICTIVE SHALL GOVERN. THE CONTRACTOR MUST NOTIFY THE ENGINEER OF RECORD OF ANY CONFLICTS PRIOR TO CONSTRUCTION.
20. THESE SITE PLAN DOCUMENTS ARE INTENDED TO SHOW THE SITE RELATED IMPROVEMENTS TO WITHIN FIVE FEET OF PROPOSE STRUCTURES. THE GENERAL CONTRACTOR MUST COORDINATE WITH ALL TRADES, THE ARCHITECT, AND ALL UTILITY COMPANIES, CONNECTIONS BETWEEN THE BUILDING AND SITE IMPROVEMENTS, AND NOTIFY THE ENGINEER OF RECORD IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
21. CONTRACTOR MUST REFER TO AND ENSURE COMPLIANCE WITH THE APPROVED ARCHITECTURAL/BUILDING PLANS OF RECORD FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRY/EXIT POINTS, ELEVATIONS, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY LOCATIONS.
22. ALL ROADWAYS ARE TO BE PASSABLE FOR EMERGENCY VEHICLES DURING CONSTRUCTION. ANY ROADWAY CLOSURE OR RELOCATION MUST BE COORDINATED BY THE CONTRACTOR WITH THE LOCAL FIRE DEPARTMENT TO ENSURE ADEQUATE FIRE PROTECTION FOR ALL AREAS AT ALL TIMES. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING WARNING SIGNS, BARRICADES, AND ANY AND ALL SAFETY MEASURES AS MAY BE REQUIRED BY LOCAL CODES, OSHA, AND THE MUTCD.
23. AS INDICATED IN THE MUTCD, SUFFICIENT CONSTRUCTION WARNING SIGNS ARE TO BE PROVIDED AND MAINTAINED BY CONTRACTOR(S) PERFORMING CONSTRUCTION WORK WITHIN ACTIVE ROADWAYS. SAID SIGNS ARE TO BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETED AND APPROVED BY THE APPROPRIATE MUNICIPAL PERSONNEL. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL CONSTRUCTION SIGNS AT THE END OF THE PROJECT.
24. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND PROTECTING THE TRAFFIC CONTROL PLAN AND ELEMENTS IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS. FOR ALL WORK THAT AFFECTS PUBLIC TRAVEL EITHER IN THE RIGHT OF WAY OR ON SITE. THE COST FOR THIS ITEM MUST BE INCLUDED IN THE CONTRACTOR'S PRICE AND IS THE CONTRACTOR'S SOLE RESPONSIBILITY.
25. UNLESS SPECIFICALLY SHOWN HEREIN, THE ENGINEER OF RECORD HAS NOT CONDUCTED INVESTIGATION OR PROVIDED DATA ON THE NATURE OF, OR STRUCTURAL SUITABILITY OF ANY SUBSURFACE MATERIALS. THE CONTRACTOR MUST NOTIFY THE ENGINEER OF RECORD OF ANY UNUSUAL SOIL OR ROCK CONDITIONS ENCOUNTERED. ENGINEER OF RECORD IS NEITHER LIABLE NOR RESPONSIBLE FOR ANY SUBSURFACE CONDITIONS AND FURTHER, HAS NO LIABILITY FOR ANY HAZARDOUS MATERIALS, HAZARDOUS SUBSTANCES, OR POLLUTANTS ON, AROUND, OR UNDER THE PROPERTY.
26. IN AREAS WHERE FILL FROM THE SITE IS TO BE REUSED, THE FILL SHOULD BE TESTED TO ENSURE FILL MATERIAL IS CERTIFIED "CLEAN" IN ACCORDANCE WITH THE CURRENT NJDEP STANDARDS TO THE SATISFACTION OF THE MUNICIPAL ENGINEER'S OFFICE. BURIED TOPSOIL OR ORGANIC MATERIAL MUST BE REMOVED PRIOR TO FILL OPERATIONS TO ENSURE LONG TERM STABILITY.
27. ALL STUMPS AND OTHER TREE PARTS, LITTER, BRUSH, WEEDS, EXCESS OR SCRAP MATERIALS, OR OTHER DEBRIS SHALL BE REMOVED FROM THE SITE.
28. THE EARTHWORK OPERATIONS SHALL BE CONDUCTED UNDER THE SUPERVISION OF A QUALIFIED GEOTECHNICAL ENGINEER TO ENSURE ADEQUATE COMPACTION WHILE MAINTAINING, TO THE EXTENT REASONABLE, THE EXISTING HYDROLOGIC SOIL CONDITIONS OF THE SITE.
29. DEBRIS MUST NOT BE BURIED ON THE SUBJECT SITE. ALL DEMOLITION AND CONSTRUCTION WASTES, UNSUITABLE EXCAVATED MATERIAL, EXCESS SOIL AND DEBRIS (SOLID WASTE) MUST BE DISPOSED OF IN ACCORDANCE WITH THE REQUIREMENTS OF ANY AND ALL MUNICIPAL, COUNTY, STATE, AND FEDERAL LAWS AND APPLICABLE CODES WHICH HAVE JURISDICTION OVER THIS PROJECT OR OVER THE CONTRACTOR.
30. THE CONTRACTOR IS RESPONSIBLE FOR THE OFF-SITE DISPOSAL OF ALL DEMOLITION MATERIAL. MATERIAL ACCUMULATED BY CLEARING, GRUBBING AND EXCAVATION SHALL BE DISPOSED OF BY THE DEVELOPER IN A MANNER SATISFACTORY TO THE MUNICIPAL ENGINEER, EXCEPT THAT MATERIALS SUITABLE FOR EMBANKMENT SHALL BE USED FOR THAT PURPOSE, IF NEEDED. BURYING OF ABOVE OTED MATERIALS WILL NOT BE PERMITTED IN ANY CASE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO MAINTAIN RECORDS TO DEMONSTRATE PROPER AND FULLY COMPLIANT DISPOSAL ACTIVITIES, TO BE PROMPTLY PROVIDED TO THE OWNER UPON REQUEST.
31. THE LIMIT OF CLEARING SHALL BE STAKED IN THE FIELD PRIOR TO ANY DISTURBANCE.
32. ALL WEATHERED CONCRETE FOR CONSTRUCTION MUST BE AT LEAST 4500 PSI.
33. SEPARATE CONSTRUCTION PERMITS WILL BE REQUIRED FOR ALL WALLS IN EXCESS OF FOUR FEET IN HEIGHT.
34. ALL WORK WITHIN THE COUNTY ROAD RIGHTS-OF-WAY SHALL BE IN ACCORDANCE WITH THE COUNTY STANDARDS.

SITE PLAN NOTES

1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR MUST REFER TO THE GENERAL NOTES AND FULLY COMPLY WITH THEM AS WELL AS ANY PLAN SPECIFIC NOTES.
2. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR MUST INSTALL THE NECESSARY SOIL EROSION CONTROL MEASURES AS INDICATED ON THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN AND IN ACCORDANCE WITH THE APPLICABLE SOIL CONSERVATION DISTRICT'S GUIDELINES.
3. ALL DIRECTIONAL/TRAFFIC SIGNING AND PAVEMENT STRIPING MUST CONFORM TO THE LATEST STANDARDS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), ALONG WITH ANY LOCAL MUNICIPAL STANDARDS.
4. THE LOCATIONS OF PROPOSED UTILITY POLES; UTILITY BOXES; OR ELECTRIC, TELECOM, OR NATURAL GAS UTILITIES; AND TRAFFIC SIGNS SHOWN ON THE PLANS ARE SCHEMATIC ONLY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR FIELD-VERIFYING AND COORDINATING PROPOSED UTILITY LOCATIONS WITH THE APPROPRIATE UTILITY PURVEYOR. THE CONTRACTOR MUST COORDINATE THE LOCATION OR RELOCATION OF TRAFFIC SIGNS WITH THE ENTITY WITH JURISDICTION OVER THE RIGHT-OF-WAY.
5. ALL DIMENSIONS SHOWN ARE TO BOTTOM FACE OF CURB, EDGE OF PAVEMENT, OR EDGE OF BUILDING, EXCEPT WHEN DIMENSION IS TO A PROPERTY LINE
6. STAKE OUT OF LOCATIONS OF DRAINAGE OR SANITARY SEWER STRUCTURES, LIGHT POLES, ETC. MUST BE PERFORMED IN STRICT ACCORDANCE WITH THE DETAILS, UNLESS NOTED CLEARLY OTHERWISE.
7. ALL WEATHERED CONCRETE MUST BE AIR ENTRAINED AND INCLUDE A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI AT 28 DAYS UNLESS OTHERWISE NOTED ON THE PLANS, DETAILS AND/OR GEOTECHNICAL REPORT.
8. THE CONTRACTOR MUST REPAIR OR REPLACE, AT THE CONTRACTOR'S SOLE COST AND EXPENSE, ALL SIDEWALKS, CURBS, AND PAVEMENT DAMAGED BY CONSTRUCTION ACTIVITIES WHETHER SPECIFIED ON THIS PLAN OR NOT.

ADA NOTES

1. CONTRACTORS MUST ADHERE TO THE AMERICANS WITH DISABILITIES ACT (ADA) GUIDELINES AND THE CURRENT STATE ARCHITECTURAL ACCESS BOARD STANDARDS AND REGULATIONS FOR BARRIER FREE ACCESS FOR ALL ADA FEATURES AND ROUTES SHOWN ON THESE PLANS. ADA FEATURES OFTEN REQUIRE A HIGHER LEVEL OF PRECISION TO MEET THE STRICT GUIDELINES. FINISHED SURFACES OF THE ADA FEATURES AND SITE FEATURES ALONG THE ADA ROUTE FROM PARKING SPACES OR PUBLIC TRANSPORTATION STOPS OR RIGHTS-OF-WAY PEDESTRIAN ACCESS TO POINTS OF ACCESSIBLE BUILDING INGRESS AND EGRESS, MUST COMPLY WITH THE ADA AND ARCHITECTURAL BOARD GUIDELINES AND REQUIREMENTS. THE ADA GUIDELINES INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING PARAMETERS:
2. ADA PARKING SPACE AND PARKING AISLE SLOPES MUST NOT EXCEED A 1:50 (2%) SLOPE IN ANY DIRECTION
3. CURB RAMP SLOPES MUST NOT EXCEED A 1:12 (8.3%) SLOPE FOR A MAXIMUM DISTANCE OF SIX FEET
4. LANDINGS (MINIMUM OF FOUR FEET BY FOUR FEET IN SIZE) MUST BE PROVIDED AT THE TOPS AND BOTTOMS OF CURB RAMPS WITH SLOPES THAT MUST NOT EXCEED A 1:50 (2%) SLOPE IN ANY DIRECTION
5. WHERE A CHANGE IN PATH DIRECTION OCCURS, LANDINGS MUST BE FIVE FEET BY FIVE FEET MINIMUM WITH SLOPES THAT MUST NOT EXCEED A 1:50 (2%) SLOPE IN ANY DIRECTION
6. THE ADA PATH OF TRAVEL FROM THE POINT OF ADA ARRIVAL TO THE ADA BUILDING ENTRANCE MUST PROVIDE A 36 INCH OR GREATER UNOBSTRUCTED WIDTH OF TRAVEL (CAR OVERHANDS OR RAILINGS CANNOT REDUCE THIS MINIMUM WIDTH). THE SLOPE ALONG THE ADA PATH OF TRAVEL MUST BE NO GREATER THAN 1:20 (5%) IN THE DIRECTION OF TRAVEL, AND MUST NOT EXCEED A 1:50 (2%) CROSS SLOPE. A MAXIMUM SLOPE OF 1:12 (8.3%) FOR A MAXIMUM RISE OF 30 INCHES CAN BE PROVIDED WHERE NECESSARY AS LONG AS THE RAMP INCLUDES ADA HAND RAILS AND LANDINGS ON EACH END THAT MEET THE LANDING MINIMUMS OUTLINED HEREIN.
7. ADA LANDINGS MUST HAVE POSITIVE DRAINAGE AND BE CONSTRUCTED TO PREVENT THE GATHERING OF WATER IN THE LANDING OR ALONG THE ADA PATH OF TRAVEL.
8. ADA BUILDING ENTRANCE DOORWAYS MUST HAVE A LANDING IMMEDIATELY ADJACENT TO THEM AT THE EXTERIOR OF THE BUILDING OR STRUCTURE THAT MUST BE FIVE FEET BY FIVE FEET MINIMUM WITH SLOPES THAT MUST NOT EXCEED A 1:50 (2%) SLOPE IN ANY DIRECTION.
9. WHEN EXISTING ADA SITE FEATURES ARE BEING RECONSTRUCTED OR MODIFIED THE CONTRACTOR MUST VERIFY THE EXISTING ELEVATIONS SHOWN ON THESE PLANS. NOTE THAT TABLE 405.2 OF THE ADA GUIDELINES ALLOWS FOR STEEPER RAMP SLOPES IN VERY RARE CIRCUMSTANCES. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCIES OR FIELD CONDITIONS THAT ARE DIFFERENT IN ANY WAY FROM WHAT IS SHOWN ON THESE PLANS, IN WRITING, BEFORE STARTING CONSTRUCTION.
10. THE CONTRACTOR MUST VERIFY THE SLOPES OF THE CONTRACTOR'S FORMS PRIOR TO POURING CONCRETE IF ANY SLOPES ARE OBSERVED THAT DO NOT CONFORM TO THE ADA GUIDELINES, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF RECORD PRIOR TO POURING CONCRETE. THE CONTRACTOR IS RESPONSI

NOTES

1. ALL EXISTING ITEMS WITHIN THE LIMIT OF DISTURBANCE ARE TO BE REMOVED UNLESS OTHERWISE NOTED.
2. ALL EXISTING ITEMS WITHIN THE RIGHT OF WAY ARE TO REMAIN UNLESS OTHERWISE NOTED
3. NO MATERIAL PILES ARE ALLOWED TO BE LEFT ON SITE OVERNIGHT. ALL SPOILS AND MATERIALS MUST BE REMOVED FROM THE SITE AT THE END OF EACH WORK DAY.

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BRAD M. THOMPSON, P.E.
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REVISIONS

NO.	DATE	DESCRIPTION
1	2025-05-27	REVISED PER FSCD REVIEW
2	2025-05-29	REVISED LOTS PER NJDEP COMMENT
3	2026-03-05	REVISED PER TOWNSHIP COMMENT
4	2026-05-27	REVISED PER TOWNSHIP AND PUBLIC COMMENT
5	2026-06-05	REVISED PER TOWNSHIP COMMENT

DEMOLITION PLAN
SEASTREAK FERRY TERMINAL REPAVING PROJECT
FOR HIGHLANDS LANDING CORPORATION
MAJOR SITE PLAN
BLOCK 100, LOT 27
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NEW JERSEY, TAX MAP # 19

JOB NO. 8407	
FILE NAME 8407-Demolition Plan.dwg	
DRAWN ERI	REVIEWED BMT
DATE 04/22/25	SCALE 1"=40'
SHEET NO. C-03 OF 13	

ZONING INFORMATION

ZONE: WC-2 WATERFRONT COMMERCIAL DISTRICT

PARAMETER	REQUIRED	EXISTING	PROPOSED
MINIMUM LOT AREA	N/A	333,717 SF	333,717 SF
MINIMUM LOT FRONTAGE	100 FT	201.78 FT	201.78 FT
MINIMUM LOT DEPTH	150 FT	870.61 FT	870.61 FT
MINIMUM FRONT YARD SETBACK	20 FT	828.9 FT	828.9 FT
MINIMUM SIDE YARD SETBACK	10 FT	173.3 FT	173.3 FT
MINIMUM REAR YARD SETBACK	N/A	41.3 FT	41.3 FT
MAXIMUM BUILDING HEIGHTS	36 FT	< 36 FT	< 36 FT
MAXIMUM LOT COVERAGE	70%	83.68%	83.10% (E)
MAXIMUM BUILDING COVEREAGE	25%	0.20%	0.20%
FLOOR AREA RATIO	0.6000	0.0020	0.0020
PARKING			
REQUIRED PARKING SPACES	* 1,863 SPACES	*957 SPACES	734 SPACES (E)
REQUIRED ADA PARKING SPACES	** 15 SPACES	12 SPACES	17 SPACES
REQUIRED VAN ADA PARKING SPACES	*** 3 SPACES	0 SPACES	3 SPACES
MAXIMUM COMPACT PARKING SPACES	**** 147 SPACES	0 SPACES	113 SPACES
MINIMUM FRONT YARD SETBACK	10 FT	2.05 FT	10 FT
MINIMUM SIDE YARD SETBACK	5 FT	5.44 FT	5.98 FT

(E) - EXISTING NON-CONFORMITY

* 0.7 SPACES/ PASSENGER SEAT DEPARTING OVER 24 HR PERIOD
2,660 PASSENGERS X 0.7 = 1,863 REQUIRED SPACES
(NUMBERS ARE BASED OFF REPORT WRITTEN BY BRIAN O'CALLAHAN ON 7/13/2023 REGARDING EXISTING PARKING COMPLAINTS)

** 2% OF TOTAL PARKING SPACES PROPOSED MUST BE ADA COMPLIANT SPACES

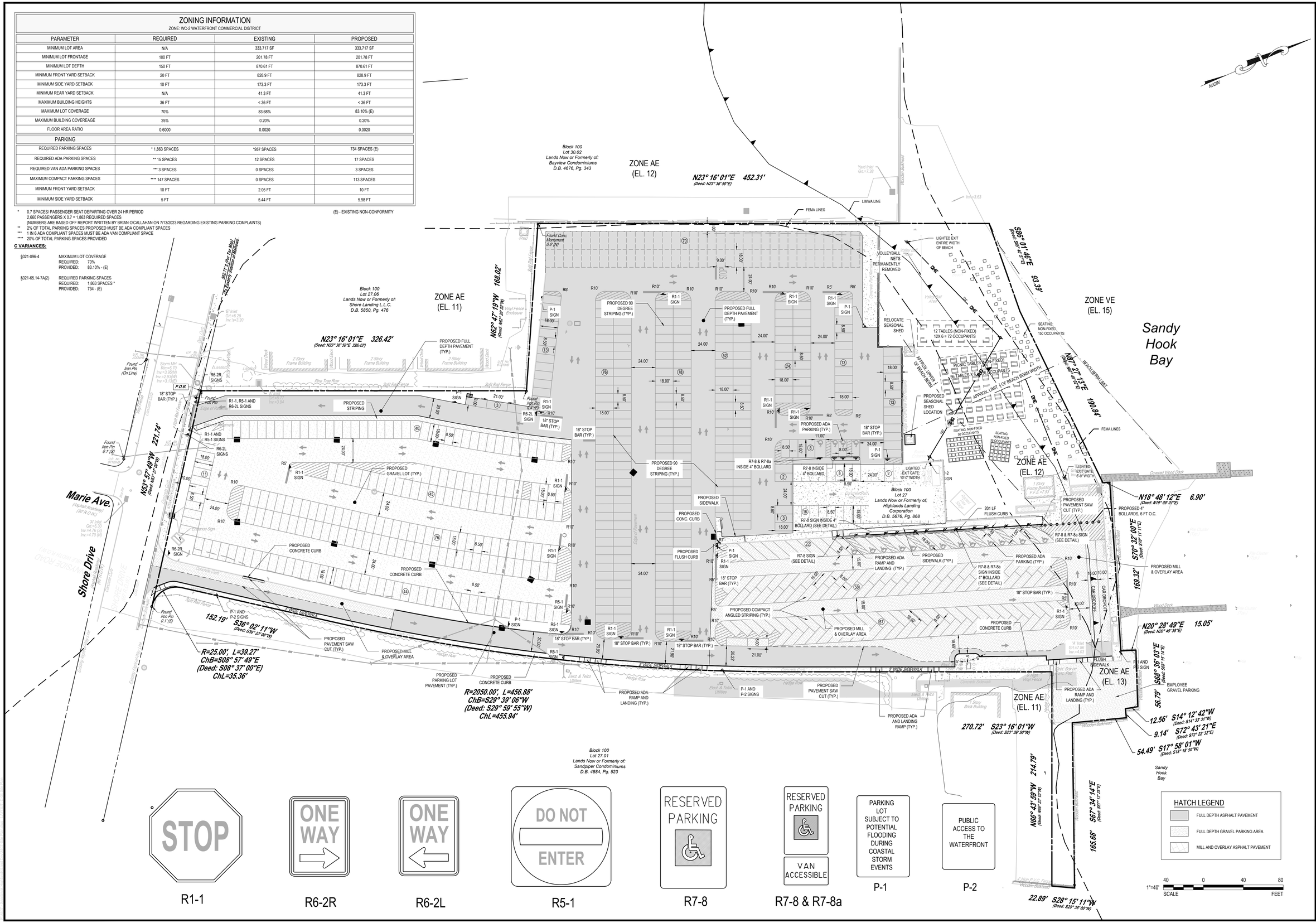
*** 1 IN 6 ADA COMPLIANT SPACES MUST BE ADA VAN COMPLIANT SPACE

**** 20% OF TOTAL PARKING SPACES PROVIDED

C VARIANCES:

§021-096-4 MAXIMUM LOT COVERAGE
REQUIRED: 70%
PROVIDED: 83.10% - (E)

§021-65.14-7A(2) REQUIRED PARKING SPACES
REQUIRED: 1,863 SPACES *
PROVIDED: 734 - (E)



R1-1 R6-2R R6-2L R5-1 R7-8 R7-8 & R7-8a P-1 P-2

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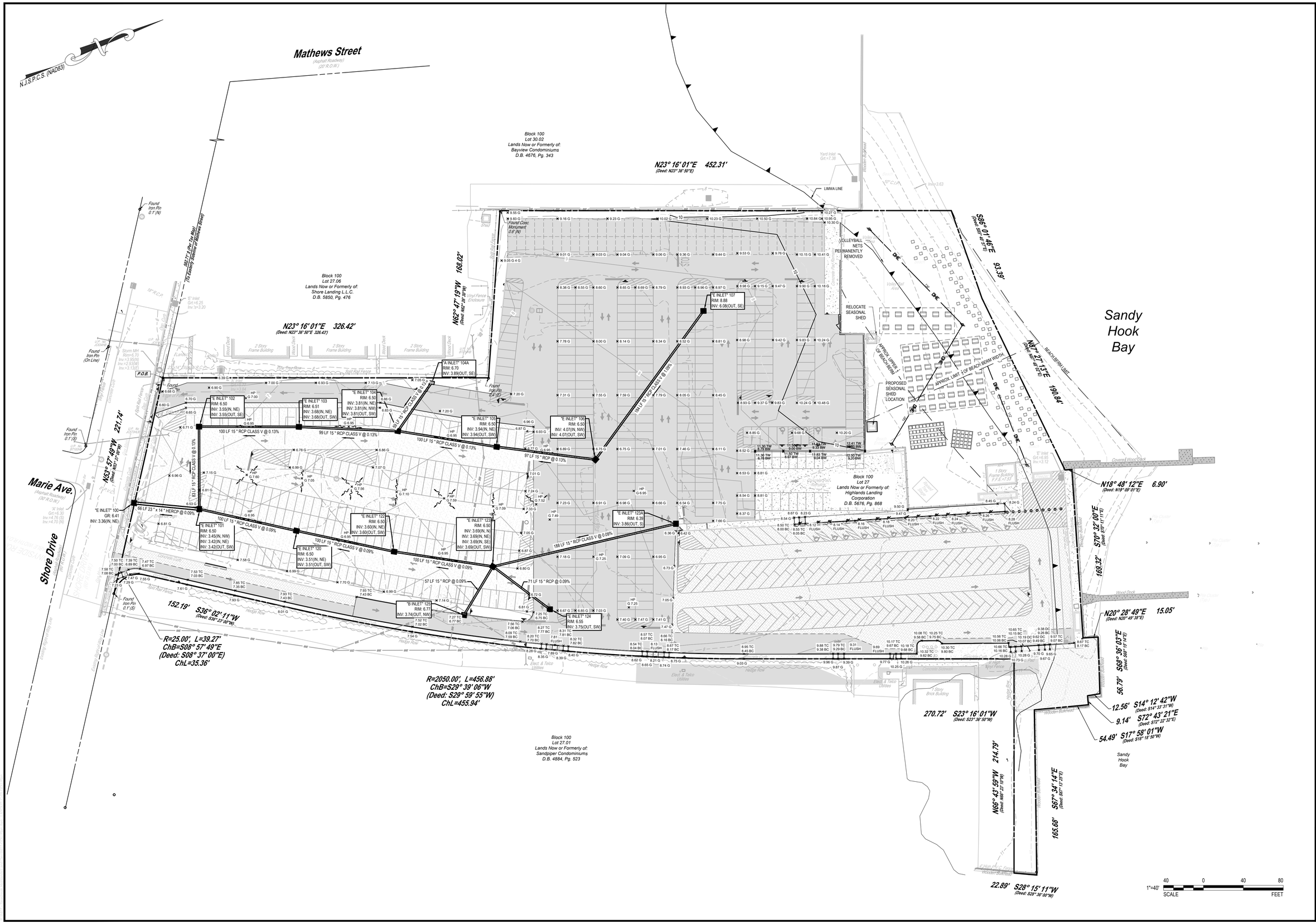
SITE PLAN
SEASTREAK FERRY TERMINAL REPAVING PROJECT
FOR HIGHLANDS LANDING CORPORATION
MAJOR SITE PLAN
BLOCK 100, LOT 27
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NEW JERSEY, TAX MAP # 19

JOB NO. 8407
FILE NAME 8407-Site Plan.dwg
DRAWN ERI
REVIEWED BMT
DATE 04/22/25
SCALE 1"=40'
SHEET NO. C-04
OF 13



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GRADING, DRAINAGE & UTILITY PLAN
SEASTREAK FERRY TERMINAL REPAVING PROJECT
FOR HIGHLANDS LANDING CORPORATION
MAJOR SITE PLAN
BLOCK 100, LOT 27
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NEW JERSEY, TAX MAP # 19

JOB NO. 8407
FILE NAME 8407-GDU Plan.dwg
DRAWN ERI | REVIEWED BMT
DATE 04/22/25 | SCALE 1"=40'
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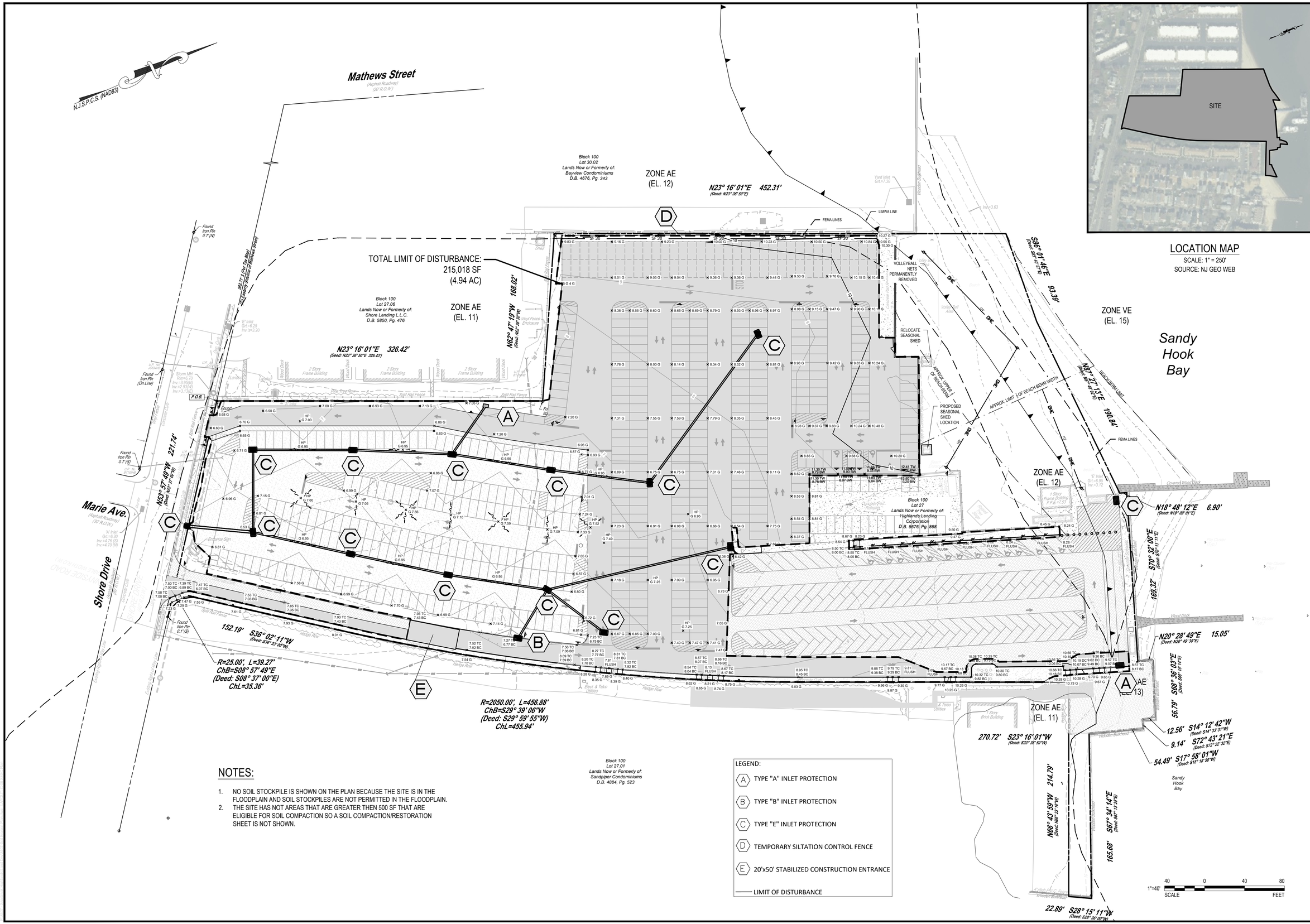

LOCATION MAP
SCALE: 1" = 250'
SOURCE: NJ GEO WEB

NOTES:

1. NO SOIL STOCKPILE IS SHOWN ON THE PLAN BECAUSE THE SITE IS IN THE FLOODPLAIN AND SOIL STOCKPILES ARE NOT PERMITTED IN THE FLOODPLAIN.
2. THE SITE HAS NOT AREAS THAT ARE GREATER THEN 500 SF THAT ARE ELIGIBLE FOR SOIL COMPACTION SO A SOIL COMPACTION/RESTORATION SHEET IS NOT SHOWN.

LEGEND:

- (A) TYPE "A" INLET PROTECTION
- (B) TYPE "B" INLET PROTECTION
- (C) TYPE "E" INLET PROTECTION
- (D) TEMPORARY SILTATION CONTROL FENCE
- (E) 20'x50' STABILIZED CONSTRUCTION ENTRANCE
- LIMIT OF DISTURBANCE

1"=40' SCALE 40 0 40 80 FEET

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SOIL EROSION AND SEDIMENT CONTROL PLAN
SEASTREAK FERRY TERMINAL REPAVING PROJECT
FOR HIGHLANDS LANDING CORPORATION
MAJOR SITE PLAN
BLOCK 100, LOT 27
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NEW JERSEY, TAX MAP # 19

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OF 13

TEMPORARY VEGETATIVE COVER FOR SOIL STABILIZATION

1. SITE PREPARATION

   A. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH "STANDARDS FOR LAND GRADING, PG. 19-1."

   B. INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS. SEE STANDARDS 11 THROUGH 42.

   C. IMMEDIATELY PRIOR TO SEEDING, THE SURFACE SHOULD BE SCARIFIED 6" TO 12" WHERE THERE HAS BEEN SOIL COMPACTION. THIS PRACTICE IS PERMISSIBLE ISLY WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.).

2. SEEDBED PREPARATION

   A. APPLY GROUND LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS SUCH AS OFFERED BY RUTGERS CO-OPERATIVE EXTENSION. SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL RUTGERS COOPERATIVE EXTENSION OFFICES. FERTILIZER SHALL BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-20-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN UNLESS A SOIL TEST INDICATES OTHERWISE. APPLY LIMESTONE AT THE RATE OF 2 TONS/ACRE UNLESS SOIL TESTING INDICATES OTHERWISE. CALCIUM CARBONATE IS THE EQUIVALENT AND STANDARD FOR MEASURING THE ABILITY OF LIMING MATERIALS TO NEUTRALIZE SOIL ACIDITY AND SUPPLY CALCIUM AND MAGNESIUM TO GRASSES AND LEGUMES.

   B. WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRING-TOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISKING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLE UNIFORM SEEDBED IS PREPARED.

   C. INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RE-TILLED IN ACCORDANCE WITH THE ABOVE.

   D. SOILS HIGH IN SULFIDES OR HAVING A PH OF 4 OR LESS REFER TO "STANDARD FOR MANAGEMENT OF HIGH ACID PRODUCING SOILS, PG. 1-1."

3. SEEDING

   A. TEMPORARY SEEDING SHALL BE PREPARED IN ACCORDANCE WITH "TEMPORARY VEGETATIVE COVER FOR SOIL STABILIZATION" STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY DATED JULY 2013.

   B. TEMPORARY SEEDING SHALL CONSIST OF SPRING OATS APPLIED AT A RATE OF 86LBS PER ACRE OF PERENNIAL RYEGRASS APPLIED AT A RATE OF 100LBS PER ACRE. TEMPORARY SEEDING SHALL BE MULCHED AND MAINTAINED UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED WITH PERMANENT SEEDING. OPTIMUM SEEDING DATES ARE MARCH 1 TO MAY 15 AND AUGUST 15 TO OCTOBER 1.

   C. FERTILIZER FOR THE ESTABLISHMENT OF TEMPORARY VEGETATIVE COVER SHALL BE 10-20-10 APPLIED AT A RATE OF 500 LBS PER ACRE WITH 50% WATER INSOLUBLE NITROGEN, OR AS DETERMINED BY SOIL TEST. LIMESTONE RATES SHALL BE DETERMINED THROUGH SOIL TESTING.

PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION

1. PERMANENT SEEDING SHALL BE PROVIDED IN ACCORDANCE WITH "PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION" STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY DATED JULY 2013.

2. SITE PREPARATION

   A. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARD FOR LAND GRADING.

   B. IMMEDIATELY PRIOR TO SEEDING AND TOPSOIL APPLICATION, THE SUBSOIL SHALL BE EVALUATED FOR COMPACTION IN ACCORDANCE WITH THE STANDARD FOR LAND GRADING.

   C. TOPSOIL SHOULD BE HANDLED ONLY WHEN IT IS DRY ENOUGH TO WORK WITHOUT DAMAGING THE SOIL STRUCTURE. A UNIFORM APPLICATION TO A DEPTH OF 5 INCHES (UNSETTLED) IS REQUIRED ON ALL SITES. TOPSOIL SHALL BE AMENDED WITH ORGANIC MATTER, AS NEEDED, IN ACCORDANCE WITH THE STANDARD FOR TOPSOILING.

   D. INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, GRADE-STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS

3. SEEDBED PREPARATION

   A. UNIFORMLY APPLY GROUND LIMESTONE AND FERTILIZER TO TOPSOIL WHICH HAS BEEN SPREAD AND FIRMED, ACCORDING TO SOIL TEST RECOMMENDATIONS SUCH AS OFFERED BY RUTGERS CO-OPERATIVE EXTENSION SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL RUTGERS COOPERATIVE EXTENSION OFFICES (HTTP://NJAES.RUTGERS.EDU/COUNTY/). FERTILIZER SHALL BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-10-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN UNLESS A SOIL TEST INDICATES OTHERWISE AND INCORPORATED INTO THE SURFACE 4 INCHES. IF FERTILIZER IS NOT INCORPORATED, APPLY ONE-HALF THE RATE DESCRIBED ABOVE DURING SEEDBED PREPARATION AND REPEAT ANOTHER ONE-HALF RATE APPLICATION OF THE SAME FERTILIZER WITHIN 3 TO 5 WEEKS AFTER SEEDING.

   B. WORK LIME AND FERTILIZER INTO THE TOPSOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRING-TOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISKING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLE UNIFORM SEEDBED IS PREPARED.

   C. HIGH ACID PRODUCING SOIL SOILS HAVING A PH OF 4 OR LESS OR CONTAINING IRON SULFIDE SHALL BE COVERED WITH A MINIMUM OF 12 INCHES OF SOIL HAVING A PH OF 5 OR MORE BEFORE INITIATING SEEDBED REPARATION. SEE STANDARD FOR MANAGEMENT OF HIGH ACID-PRODUCING SOILS FOR SPECIFIC REQUIREMENTS.

3. SEEDING

   A. PERMANENT SEEDING SHALL CONSIST OF THE FOLLOWING MIXTURES OR APPROVED EQUALS:

      HARD FESCUE AT A RATE OF 175 LB/ACRE
      PERENNIAL RYEGRASS AT A RATE OF 45 LB/ACRE
      KENTUCKY BLUEGRASS BLEND AT A RATE OF 45LB/ACRE

   B. PERMANENT SEEDING TO BE APPLIED BY RAKING OR DRILLING INTO THE SOILS AT THE RATE ABOVE.

   C. IF SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY OR PERMANENT SEEDING, EXPOSED AREA TO BE STABILIZED WITH MUCH.

   D. OPTIMAL SEEDING DATES ARE BETWEEN AUGUST 15 AND OCTOBER 15. ACCEPTABLE SEEDING DATES ARE BETWEEN MARCH 1 AND APRIL 30 AND MAY 1 AND AUGUST 14.

   E. ESTABLISHING PERMANENT VEGETATION MEANS 80% VEGETATIVE COVERAGE WITH THE SPECIFIED MIXTURE FOR SEEDING AREA AND MOWED ONCE.

4. MULCH

   A. MULCH REQUIRED ON ALL SEEDING.

   B. MULCH TO CONSIST OF SMALL GRAIN STRAW OR SALT HAY ANCHORED WITH WOOD AND FIBER MULCH BINDER OR AN APPROVED EQUAL.

   C. MULCH WILL BE SPREAD AT RATES OF 70 TO 90 LBS PER 100 SQ. FT. DURING THE GROWING SEASON AND 90 TO 115 LBS PER 1000 SQ. FT. DURING THE OUT OF GROWING SEASON AND ANCHORED WITH MULCHED ANCHORING TOOL OR LIQUID MULCH BINDER AND SHALL BE PROVIDED ON ALL SEEDING.

MANAGEMENT OF HIGH ACID-PRODUCING SOILS

1. LIMIT THE EXCAVATION AREA AND EXPOSURE TIME WHEN HIGH ACID-PRODUCING SOILS ARE ENCOUNTERED.
2. TOPSOIL STRIPPED FROM THE SITE SHALL BE STORED SEPARATELY FROM TEMPORARILY STOCKPILED HIGH ACID-PRODUCING SOILS.
3. STOCKPILES OF HIGH ACID-PRODUCING SOIL SHOULD BE LOCATED ON LEVEL LAND TO MINIMIZE ITS MOVEMENT, ESPECIALLY WHEN THIS MATERIAL HAS A HIGH CLAY CONTENT.
4. TEMPORARILY STOCKPILED HIGH ACID-PRODUCING SOIL MATERIAL TO BE STORED MORE THAN 48 HOURS SHOULD BE COVERED WITH PROPERLY ANCHORED, HEAVY GRADE SHEETS OF POLYETHYLENE WHERE POSSIBLE. IF NOT POSSIBLE, STOCKPILES SHALL BE COVERED WITH A MINIMUM OF 3 TO 6 INCHES OF WOOD CHIPS TO MINIMIZE EROSION OF THE STOCKPILE. SILT FENCE SHALL BE INSTALLED AT THE TOE OF THE SLOPE TO CONTAIN MOVEMENT OF THE STOCKPILED MATERIAL. TOPSOIL SHALL NOT BE APPLIED TO THE STOCKPILES TO PREVENT TOPSOIL CONTAMINATION WITH HIGH ACID-PRODUCING SOIL.
5. HIGH ACID-PRODUCING SOILS WITH A PH OF 4.0 OR LESS OR CONTAINING IRON SULFIDE (INCLUDING BORROW FROM CUTS OR DREDGED SEDIMENT) SHALL BE ULTIMATELY PLACED OR BURIED WITH LIMESTONE APPLIED AT THE RATE OF 10 TONS PER ACRE (OR 450 POUNDS PER 1,000 SQUARE FEET OF SURFACE AREA) AND COVERED WITH A MINIMUM OF 12 INCHES OF SETTLED SOIL WITH A PH OF 5.0 OR MORE EXCEPT AS FOLLOWS:
   a. AREAS WHERE TREES OR SHRUBS ARE TO BE PLANTED SHALL BE COVERED WITH A MINIMUM OF 24 INCHES OF SOIL WITH A PH OR 5 OR MORE.
   b. DISPOSAL AREAS SHALL NOT BE LOCATED WITHIN 24 INCHES OF ANY SURFACE OF A SLOPE OR BANK, SUCH AS BERMS, STREAM BANKS, DITCHES, AND OTHERS, TO PREVENT POTENTIAL LATERAL LEACHING DAMAGES.
6. EQUIPMENT USED FOR MOVEMENT OF HIGH ACID-PRODUCING SOILS SHOULD BE CLEANED AT THE END OF EACH DAY TO PREVENT SPREADING OF HIGH ACID-PRODUCING SOIL MATERIALS TO OTHER PARTS OF THE SITE, INTO STREAMS OR STORMWATER CONVEYANCES, AND TO PROTECT MACHINERY FROM ACCELERATED RUSTING.
7. NON-VEGETATIVE EROSION CONTROL PRACTICES (STONE TRACKING PADS, STRATEGICALLY PLACED LIMESTONE CHECK DAM, SEDIMENT BARRIER, WOOD CHIPS) SHOULD BE INSTALLED TO LIMIT THE MOVEMENT OF HIGH ACID-PRODUCING SOILS FROM, AROUND, OR OFF THE SITE.
8. FOLLOWING BURIAL OR REMOVAL OF HIGH ACID-PRODUCING SOILS, TOPSOILING AND SEEDING OF THE SITE (SEE TEMPORARY VEGETATIVE COVER FOR SOIL STABILIZATION, PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION, AND TOPSOILING), MONITORING MUST CONTINUE FOR A MINIMUM OF 4 MONTHS TO ENSURE THERE IS ADEQUATE STABILIZATION AND THAT NO HIGH ACID-PRODUCING SOIL PROBLEMS EMERGE. IF PROBLEMS STILL EXIST, THE AFFECTED AREA MUST BE TREATED AS INDICATED ABOVE TO CORRECT THE PROBLEM.

STANDARD FOR LAND GRADING

CONDITIONS WHERE PRACTICE APPLIES

THIS PRACTICE IS APPLICABLE WHERE GRADING TO PLANNED ELEVATIONS IS PRACTICAL AND IT IS DETERMINED THAT GRADING IS NEEDED. GRADING THAT INVOLVES THE DISTURBANCE OF VEGETATION OVER LARGE AREAS SHALL BE AVOIDED. IT MAY BE NECESSARY TO PROVIDE FOR TEMPORARY STABILIZATION OF LARGE AREAS.

WATER QUALITY ENHANCEMENT

PROPER GRADING OF DISTURBED SITES WILL PROTECT AGAINST SOIL LOSS FROM EROSION, ENHANCE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER AND HELP TO PROPERLY MANAGE STORMWATER RUNOFF ALL OF WHICH WILL REDUCE OFF SITE DISCHARGE OF POLLUTANTS.

PLANNING CRITERIA

THE GRADING PLAN AND INSTALLATION SHALL BE BASED UPON ADEQUATE TOPOGRAPHIC SURVEYS AND INVESTIGATIONS. THE PLAN IS TO SHOW THE LOCATION, SLOPE, CUT, FILL AND FINISH ELEVATION OF THE SURFACES TO BE GRADED. THE PLAN SHOULD ALSO INCLUDE AUXILIARY PRACTICES FOR SAFE DISPOSAL OF RUNOFF WATER, SLOPE STABILIZATION, EROSION CONTROL AND DRAINAGE. FACILITIES SUCH AS WATERWAYS, DITCHES, DIVERSIONS, GRADE STABILIZATION STRUCTURES, RETAINING WALLS AND SUBSURFACE DRAINS SHOULD BE INCLUDED WHERE NECESSARY.

EROSION CONTROL MEASURES SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE APPLICABLE STANDARD CONTAINED HEREIN.

THE DEVELOPMENT AND ESTABLISHMENT OF THE PLAN SHALL INCLUDE THE FOLLOWING:

1. THE CUT FACE OF EARTH EXCAVATIONS AND FILLS SHALL BE NO STEEPER THAN THE SAFE ANGLE OF REPOSE FOR THE MATERIALS ENCOUNTERED AND FLAT ENOUGH FOR PROPER MAINTENANCE.
2. THE PERMANENTLY EXPOSED FACES OF EARTH CUTS AND FILLS SHALL BE VEGETATED OR OTHERWISE PROTECTED FROM EROSION.
3. PROVISIONS SHALL BE MADE TO SAFELY CONDUCT SURFACE WATER TO STORM DRAINS OR SUITABLE WATER COURSES AND TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL SLOPES.
4. SUBSURFACE DRAINAGE IS TO BE PROVIDED IN AREAS HAVING A HIGH WATER TABLE, TO INTERCEPT SEEPAGE THAT WOULD ADVERSELY AFFECT SLOPE STABILITY, BUILDING FOUNDATIONS OR CREATE UNDESIRABLE WETNESS. SEE STANDARD FOR SUBSURFACE DRAINAGE, PG. 32-1.
5. ADJOINING PROPERTY SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS.
6. FILL SHALL NOT BE PLACED ADJACENT TO THE BANK OF A STREAM OR CHANNEL, UNLESS PROVISIONS ARE MADE TO PROTECT THE HYDRAULIC, BIOLOGICAL, AESTHETIC AND OTHER ENVIRONMENTAL FUNCTIONS OF THE STREAM.

SOIL MANAGEMENT AND PREPARATION

SUBGRADE SOILS PRIOR TO THE APPLICATION OF TOPSOIL SHALL BE FREE OF EXCESSIVE COMPACTION TO A DEPTH OF 6.0 INCHES TO ENHANCE THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.

THIS SECTION OF THIS STANDARD ADDRESSES THE POTENTIAL FOR EXCESSIVE SOIL COMPACTION IN LIGHT OF THE INTENDED LAND USE, TESTING FOR EXCESSIVE SOIL COMPACTION WHERE PERMANENT VEGETATION IS TO BE ESTABLISHED AND MITIGATION OF EXCESSIVE SOIL COMPACTION WHEN APPROPRIATE.

DUE TO USE OR SETTING, CERTAIN DISTURBED AREAS WILL NOT REQUIRE COMPACTION REMEDIATION INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:

1. WITHIN 20 FEET OF BUILDING FOUNDATIONS WITH BASEMENTS, 12 FEET FROM SLAB OR CRAWL SPACE CONSTRUCTION.
2. WHERE SOILS OR GRAVEL SURFACES WILL BE REQUIRED TO SUPPORT POST-CONSTRUCTION VEHICULAR TRAFFIC LOADS SUCH AS ROADS, PARKING LOTS AND DRIVEWAYS (INCLUDING GRAVEL SURFACES), BICYCLE PATHS OR PEDESTRIAN WALKWAYS (SIDEWALKS ETC)
3. AIRPORTS, RAILWAYS OR OTHER TRANSPORTATION FACILITIES
4. AREAS REQUIRING INDUSTRY OR GOVERNMENT SPECIFIED SOIL DESIGNS, INCLUDING GOLF COURSES, LANDFILLS, WETLAND RESTORATION, SEPTIC DISPOSAL FIELDS, WETLINED PONDS, ETC.
5. AREAS GOVERNED OR REGULATED BY OTHER LOCAL, STATE OR FEDERAL REGULATIONS WHICH DICTATE SOIL CONDITIONS
6. BROWNFIELDS (CAPPED USES), URBAN REDEVELOPMENT AREAS, , IN-FILL AREAS, , RECYCLING YARDS, JUNK YARDS, QUARRIES AND
7. SLOPES DETERMINED TO BE INAPPROPRIATE FOR SAFE OPERATION OF EQUIPMENT
8. PORTIONS OF A SITE WHERE NO HEAVY EQUIPMENT TRAVEL OR OTHER DISTURBANCE HAS TAKEN PLACE
9. AREAS RECEIVING TEMPORARY VEGETATIVE STABILIZATION IN ACCORDANCE WITH THE STANDARD.
10. WHERE THE AREA AVAILABLE FOR REMEDIATION PRACTICES IS 500 SQUARE FEET OR LESS IN SIZE.
11. LOCATIONS CONTAINING SHALLOW (CLOSE TO THE SURFACE) BEDROCK CONDITIONS.

AREAS OF THE SITE WHICH ARE SUBJECT TO COMPACTION TESTING AND/OR MITIGATION SHALL BE GRAPHICALLY DENOTED ON THE CERTIFIED SOIL EROSION CONTROL PLAN.

SOIL COMPACTION REMEDIATION OR TESTING TO PROVE REMEDIATION IS NOT NECESSARY WILL BE REQUIRED IN AREAS WHERE PERMANENT VEGETATION IS TO BE ESTABLISHED THAT ARE NOT OTHERWISE EXEMPTED ABOVE. TESTING METHOD SHALL BE SELECTED, AND SOIL COMPACTION TESTING SHALL BE PERFORMED BY, THE CONTRACTOR OR OTHER PROJECT OWNER'S REPRESENTATIVE (E.G. ENGINEER). A MINIMUM OF TWO (2) TESTS SHALL BE PERFORMED FOR PROJECTS WITH AN OVERALL LIMIT OF DISTURBANCE OF UP TO ONE (1) ACRE AND AT A RATE OF TWO (2) TESTS PER ACRE OF THE OVERALL LIMIT OF DISTURBANCE FOR LARGER AREAS WHICH SHALL BE EVENLY DISTRIBUTED OVER THE AREA OF DISTURBANCE SUBJECT TO TESTING. TESTS SHALL BE PERFORMED IN AREAS REPRESENTATIVE OF THE CONSTRUCTION ACTIVITY PREVAILING IN THE AREA. IN THE EVENT THIS TESTING INDICATES COMPACTION IN EXCESS OF THE MAXIMUM THRESHOLDS INDICATED FOR THE TESTING METHOD, THE CONTRACTOR/OWNER SHALL HAVE THE OPTION TO PERFORM COMPACTION MITIGATION OVER THE ENTIRE DISTURBED AREA (EXCLUDING EXEMPT AREAS) OR TO PERFORM ADDITIONAL TESTING TO ESTABLISH THE LIMITS OF EXCESSIVE COMPACTION WHEREUPON ONLY THE EXCESSIVELY COMPACTED AREAS WOULD REQUIRE COMPACTION MITIGATION.

SOIL COMPACTION TESTING IS NOT REQUIRED IF/WHEN SUBSOIL COMPACTION REMEDIATION (SCARIFICATION/TILLAGE (6" MINIMUM DEPTH) OR SIMILAR) IS PROPOSED AS PART OF THE SEQUENCE OF CONSTRUCTION.

SOIL TEST METHOD OPTIONS

1. PROBING WIRE TEST METHOD

   THIS TEST SHALL BE CONDUCTED WITH A FIRM WIRE (15-1/2 GAUGE STEEL WIRE - E.G. SURVEY MARKER FLAG, STRAIGHT WIRE STOCK, ETC.), 18 TO 21 INCHES IN LENGTH, WITH 6" INCHES FROM ONE END VISIBLY MARKED ON THE WIRE. CONDUCT WIRE FLAG TEST BY HOLDING THE WIRE FLAG NEAR THE FLAG END AND PUSH IT VERTICALLY INTO THE SOIL AT SEVERAL DIFFERENT LOCATIONS IN THE FIELD TO THE LESSER OF A 6 INCH DEPTH OR THE DEPTH AT WHICH IT BENDS DUE TO RESISTANCE IN THE SOIL. RECORD THE DEPTH AT WHICH IT BENDS DUE TO RESISTANCE IN THE SOIL. THE WIRE SHOULD PENETRATE WITHOUT BENDING OR DEFORMING AT LEAST 6" INTO THE GROUND BY HAND, WITHOUT THE USE OF TOOLS. IF PENETRATION FAILS AND AN OBSTRUCTION IS SUSPECTED (ROCKS, ROOT, DEBRIS, ETC.) THE TEST CAN BE REPEATED IN THE SAME GENERAL AREA. IF THE TEST IS SUCCESSFUL THE SOIL IS NOT EXCESSIVELY COMPACTED. IF THE WIRE IS DIFFICULT TO INSERT (WIRE BENDS OR DEFORMS PRIOR TO REACHING 6 INCHES IN DEPTH) THE SOIL MAY BE EXCESSIVELY COMPACTED AND COMPACTION MITIGATION OR FURTHER TESTING VIA METHOD 3 OR 4 BELOW IS REQUIRED, THE CHOICE OF WHICH IS AT THE CONTRACTOR/OWNER'S DISCRETION.

2. HANDHELD SOIL PENETROMETER TEST METHOD

   THIS TEST SHALL BE CONDUCTED BASED ON THE STANDARD OPERATION PROCEDURE (SOP) #RCE2010-001, PREPARED BY THE RUTGERS COOPERATIVE EXTENSION, IMPLEMENTED JUNE 1, 2010, LAST REVISED FEBRUARY 28, 2011. A RESULT OF LESS THAN OR EQUAL TO 300 PSI SHALL BE CONSIDERED PASSING. IF THE RESULT IS GREATER THAN 300 PSI THE SOIL MAY BE EXCESSIVELY COMPACTED AND COMPACTION MITIGATION OR FURTHER TESTING VIA METHOD 3 OR 4 BELOW IS REQUIRED, THE CHOICE OF WHICH IS AT THE CONTRACTOR/OWNER'S DISCRETION.

3. TUBE BULK DENSITY TEST METHOD

   THIS TEST SHALL BE CERTIFIED BY A NEW JERSEY LICENSED PROFESSIONAL ENGINEER UTILIZING ONLY UNDISTURBED SAMPLES (RECONSTITUTION OF THE SAMPLE NOT PERMITTED) COLLECTED UTILIZING THE PROCEDURE FOR SOIL BULK DENSITY TESTS AS DESCRIBED IN THE USDA NRCS SOIL QUALITY TEST KIT GUIDE, SECTION 1-4, JULY 2001. WHEN THE TEXTURE OF THE SOIL TO BE TESTED IS A SAND OR LOAMY SAND, AND LACK OF SOIL COHESION OR THE PRESENCE OF LARGE AMOUNTS OF COARSE FRAGMENTS, ROOTS OR WORM CHANNELS PREVENT THE TAKING OF UNDISTURBED SAMPLES, THIS TEST SHALL NOT BE USED.

   WHERE THE RESULTS OF REPLICATE TESTS DIFFER BY MORE THAN TEN PERCENT (10%), THE SAMPLES SHALL BE EXAMINED FOR THE FOLLOWING DEFECTS:

   i. CRACKS, WORM CHANNELS, LARGE ROOT CHANNELS OR POOR SOIL TUBE CONTACT WITHIN THE SAMPLES;
   ii. LARGE PIECES OF GRAVEL, ROOTS OR OTHER FOREIGN OBJECTS
   iii. SMEARING OR COMPACTION OF THE UPPER OR LOWER SURFACE OF THE SAMPLES

   IF ANY OF THE DEFECTS DESCRIBED IN 3 (I-III) ABOVE ARE FOUND, THE DEFECTIVE CORE(S) SHALL BE DISCARDED AND THE TEST REPEATED USING A NEW REPLICATE SAMPLE FOR EACH DEFECTIVE REPLICATE SAMPLE. THE BULK DENSITY (DEFINED AS THE WEIGHT OF DRY SOIL PER VOLUME) RESULTS SHALL BE COMPARED WITH THE MAXIMUM DRY BULK DENSITIES IN TABLE 19-1. A RESULT OF LESS THAN OR EQUAL TO THE APPLICABLE MAXIMUM BULK DENSITY SHALL BE CONSIDERED PASSING. IF THE RESULT IS GREATER THAN THE MAXIMUM BULK DENSITY THE SOIL SHALL BE CONSIDERED EXCESSIVELY COMPACTED AND COMPACTION MITIGATION IS REQUIRED.

4. NUCLEAR DENSITY TEST METHOD

   THIS TEST SHALL BE CERTIFIED BY A NEW JERSEY LICENSED PROFESSIONAL ENGINEER AND CONDUCTED BY A NUCLEAR GAUGE CERTIFIED INSPECTOR PURSUANT TO ASTM D6938. THE BULK DENSITY MEASUREMENT RESULTS SHALL BE COMPARED WITH THE MAXIMUM DRY BULK DENSITIES IN TABLE 19-1. A RESULT OF LESS THAN OR EQUAL TO THE APPLICABLE MAXIMUM BULK DENSITY SHALL BE CONSIDERED PASSING. IF THE RESULT IS GREATER THAN THE MAXIMUM BULK DENSITY THE SOIL SHALL BE CONSIDERED EXCESSIVELY COMPACTED AND COMPACTION MITIGATION IS REQUIRED.

SOIL TYPE/TEXTURE	M
COARSE, MEDIUM AND FINE SANDS AND LOAMY SANDS	1.80
VERY FINE SAND AND LOAMY VERY FINE SAND	1.77
SANDY LOAM	1.75
LOAM, SANDY CLAY LOAM	1.70
CLAY LOAM	1.65
SANDY CLAY	1.60
SILT, SILT LOAM	1.55
SILTY CLAY LOAM	1.50
SILTY CLAY	1.45
CLAY	1.40

5. ADDITIONAL TESTING METHODS WHICH CONFORM TO ASTM STANDARDS AND SPECIFICATIONS, AND WHICH PRODUCE A DRY WEIGHT, SOIL BULK DENSITY MEASUREMENT AY BE ALLOWED SUBJECT TO DISTRICT APPROVAL

PROCEDURES FOR SOIL COMPACTION MITIGATION

IF SUBGRADE SOILS ARE DETERMINED TO BE EXCESSIVELY COMPACTED BY TESTING, AS IDENTIFIED ABOVE, PROCEDURES SHALL BE USED TO MITIGATE EXCESSIVE SOIL COMPACTION PRIOR TO PLACEMENT OF TOPSOIL AND ESTABLISHMENT OF PERMANENT VEGETATIVE COVER. RESTORATION OF COMPACTED SOILS SHALL BE THROUGH DEEP SCARIFICATION/TILLAGE (6" MINIMUM DEPTH) WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.) OR IN THE ALTERNATIVE, ANOTHER METHOD AS SPECIFIED BY A NEW JERSEY LICENSED PROFESSIONAL ENGINEER.

INSTALLATION REQUIREMENTS

TIMBER, LOGS, BRUSH, RUBBISH, ROCKS, STUMPS AND VEGETATIVE MATTER WHICH WILL INTERFERE WITH THE GRADING OPERATION OR AFFECT THE PLANNED STABILITY OR FILL AREAS SHALL BE REMOVED AND DISPOSED OF ACCORDING TO THE PLAN.

TOPSOIL IS TO STRIPPED AND STOCKPILED IN AMOUNTS NECESSARY TO COMPLETE FINISH GRADING OF ALL EXPOSED AREAS REQUIRING TOPSOIL. SEE STANDARD FOR TOPSOILING, PG 8-1.

FILL MATERIAL IS TO BE FREE OF BRUSH, RUBBISH, TIMBER, LOGS, VEGETATIVE MATTER AND STUMPS IN AMOUNTS THAT WILL BE DETRIMENTAL TO CONSTRUCTING STABLE FILLS.

ALL STRUCTURAL FILLS SHALL BE COMPACTED AS DETERMINED BY STRUCTURAL ENGINEERING REQUIREMENTS FOR THEIR INTENDED PURPOSE AND AS REQUIRED TO REDUCE SLIPPING, EROSION OR EXCESSIVE SATURATION.

ALL DISTURBED AREAS SHALL BE LEFT WITH A NEAT AND FINISHED APPEARANCE AND SHALL BE PROTECTED FROM EROSION. SEE STANDARDS FOR PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION, PG 4-1.

TREES TO BE RETAINED SHALL BE PROTECTED IF NECESSARY IN ACCORDANCE WITH THE STANDARD FOR TREE PROTECTION DURING CONSTRUCTION, PG. 9-1.

STANDARD FOR DUST CONTROL

CONDITION WHERE PRACTICE APPLIES

THIS PRACTICE IS APPLICABLE TO AREAS SUBJECT TO DUST BLOWING AND MOVEMENT WHERE ON-SITE AND OFF-SITE DAMAGE IS LIKELY WITHOUT TREATMENT. CONSULT WITH LOCAL MUNICIPAL ORDINANCES ON ANY RESTRICTIONS.

WATER QUALITY ENHANCEMENT

SEDIMENTS DEPOSITED AS "DUST" ARE OFTEN FINE COLLOIDAL MATERIAL WHICH IS EXTREMELY DIFFICULT TO REMOVE FROM WATER ONCE IT BECOMES SUSPENDED USE OF THIS STANDARD WILL HELP TO CONTROL THE GENERATION OF DUST FROM CONSTRUCTION SITES AND SUBSEQUENT BLOWING AND DEPOSITION INTO LOCAL SURFACE WATER RESOURCES.

PLANNING CRITERIA

THE FOLLOWING METHODS SHOULD BE CONSIDERED FOR CONTROLLING DUST:

MULCHES - SEE STANDARD OF STABILIZATION WITH MULCHES ONLY, PG. 5-1

VEGETATIVE COVER - SEE STANDARD FOR: TEMPORARY VEGETATIVE COVER, PG. 7-1, PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION PG. 4-1 AND PERMANENT STABILIZATION WITH SOD, PG. 6-1

SPRAY-ON ADHESIVES - ON MINERAL SOILS (NOT EFFECTIVE ON MUCK SOILS). KEEP TRAFFIC OFF THESE AREAS.

DUST CONTROL MATERIALS

MATERIAL	WATER DILUTION	TYPE OF NOZZLE	APPLY GALLONS/ACRE
ANIONIC ASPHALT EMULSION	7:1	COARSE SPRAY	1200
LATEX EMULSION	12.5:1	FINE SPRAY	235
RESIN IN WATER	4:1	FINE SPRAY	300
POLYACRYLAMIDE (PAM) - SPRAY ON POLYACRYLAMIDE (PAM) - DRY SPREAD	APPLY ACCORDING TO MANUFACTURER'S INSTRUCTIONS. MAY ALSO BE USED AS AN ADDITIVE TO SEDIMENT BASINS TO FLOCCULATE AND PRECIPITATE SUSPENDED COLLOIDS. SEE SEDIMENT BASIN STANDARD, P. 26-1		
ACIDULATED SOY BEAM SOAP STICK	NONE	COARSE SPRAY	1200

TILLAGE - TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS A TEMPORARY EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART AND SPRING-TOOTHED HARROWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.

SPRINKLING - SITE IS SPRINKLED UNTIL THE SURFACE IS WET.

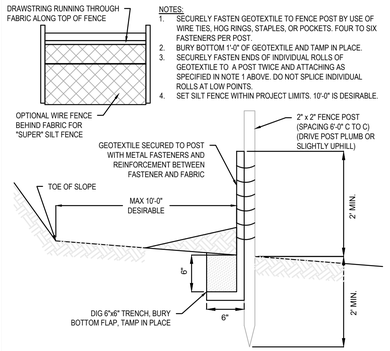
BARRIERS - SOLID BOARD FENCES, SNOW FENCES, BURLAP FENCES, CRATE WALLS, BALES OF HAY AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING.

CALCIUM CHLORIDE - SHALL BE IN THE FORM OF LOOSE, DRY GRANULES OR FLAKES FINE ENOUGH TO FEED THROUGH COMMONLY USED SPREADERS AT A RATE THAT WILL KEEP SURFACE MOIST BUT NOT CAUSE POLLUTION OR PLANT DAMAGE. IF USED ON STEEPER SLOPES, THEN USE OTHER PRACTICES TO PREVENT WASHING INTO STREAMS OR ACCUMULATION AROUND PLANTS.

STONE - COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.

STABILIZATION WITH MULCH ONLY

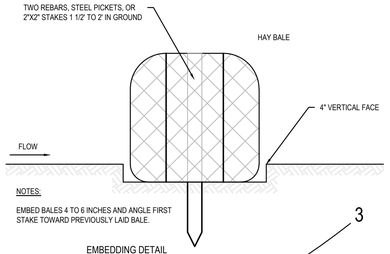
1. SITE PREPARATION
   A. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARDS FOR LAND GRADING
   B. INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS. SEE STANDARDS 11 THROUGH 42.
2. PROTECTIVE MATERIALS
   A. UNROTTED SMALL GRAIN STRAW, AT 2.0 TO 2.5 TONS PER ACRE, IS SPREAD UNIFORMLY AT 90 TO 115 POUNDS PER 1,000 SQUARE FEET AND ANCHORED WITH A MULCH ANCHORING TOOL, LIQUID MULCH BINDERS, OR NETTING TIE DOWN. OTHER SUITABLE MATERIALS MAY BE USED IF APPROVED BY THE SOIL CON



NOTES:
1. SECURELY FASTEN GEOTEXTILE TO FENCE POST BY USE OF WIRE TIES, HOG RINGS, STAPLES, OR POCKETS. FOUR TO SIX FASTENERS PER POST.
2. BURY BOTTOM 1'-0" OF GEOTEXTILE AND TAMP IN PLACE.
3. SECURELY FASTEN ENDS OF INDIVIDUAL ROLLS OF GEOTEXTILE TO A POST TWICE AND ATTACHING AS SPECIFIED IN NOTE 1 ABOVE. DO NOT SPLICE INDIVIDUAL ROLLS AT LOW POINTS.
4. SET SILT FENCE WITHIN PROJECT LIMITS. 10'-0" IS DESIRABLE.

STANDARD SILT FENCE DETAIL

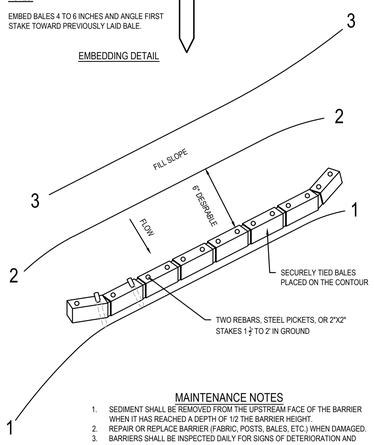
NOT TO SCALE



NOTES:

EMBED BALES 4 TO 6 INCHES AND ANGLE FIRST STAKE TOWARD PREVIOUSLY LAID BALE.

EMBEDDING DETAIL

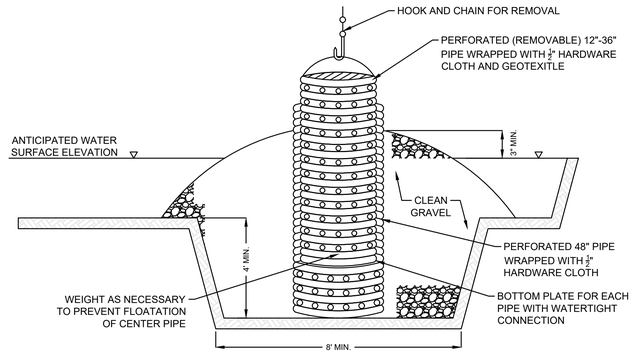


MAINTENANCE NOTES

1. SEDIMENT SHALL BE REMOVED FROM THE UPSTREAM FACE OF THE BARRIER WHEN IT HAS REACHED A DEPTH OF 1/2 THE BARRIER HEIGHT.
2. REPAIR OR REPLACE BARRIER (FABRIC, POSTS, BALES, ETC.) WHEN DAMAGED.
3. BARRIERS SHALL BE INSPECTED DAILY FOR SIGNS OF DETERIORATION AND SEDIMENT REMOVAL.

SEDIMENT BARRIER DETAIL

NOT TO SCALE



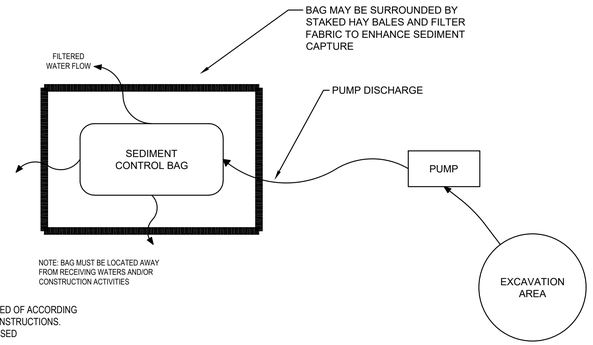
ELEVATION (CUT AWAY)

INSTALLATION SPECIFICATIONS:

1. THE OUTER PIPE SHOULD BE 48" DIAMETER OR SMALL, IN ANY CASE, BE AT LEAST 4" GREATER IN DIAMETER THAN THE CENTER PIPE. THE OUTER PIPE SHALL BE WRAPPED WITH 1/2" HARDWARE CLOTH TO PREVENT BACKFILL MATERIAL FROM ENTERING THE PERFORATIONS.
2. AFTER INSTALLING THE OUTER PIPE, BACKFILL AROUND OUTER PIPE WITH 2" AGGREGATE OR CLEAN GRAVEL.
3. THE INSIDE STAND PIPE (CENTER PIPE) SHOULD BE CONSTRUCTED BY PERFORATING A CORRUGATED OR PVC PIPE BETWEEN 12" AND 36" IN DIAMETER. THE PERFORATIONS SHALL BE 1/2"X6" SLITS OR 1" DIAMETER HOLES 6" ON CENTER. THE CENTER PIPE SHALL BE WRAPPED WITH 1/2" HARDWARE CLOTH FIRST, THEN WRAPPED AGAIN WITH GEOTEXTILE CLASS E.
4. THE CENTER PIPE SHOULD EXTEND 12" TO 18" ABOVE THE ANTICIPATED WATER SURFACE ELEVATION OR RISER CREST ELEVATION WHEN DEWATERING A BASIN.

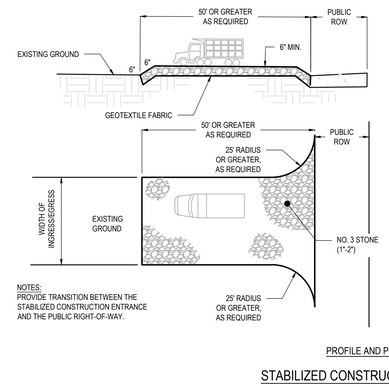
STANDARD DEWATERING PUMP DETAIL

N.T.S.



BAGS MUST BE DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS. BAGS MAY NOT BE REUSED

STANDARD SEDIMENT CONTROL BAG FOR DEWATERING DETAIL



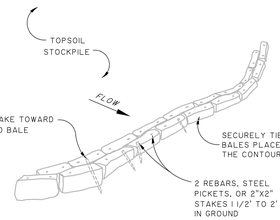
NOTES:
PROVIDE TRANSITION BETWEEN THE STABILIZED CONSTRUCTION ENTRANCE AND THE PUBLIC RIGHT-OF-WAY.

PROFILE AND PLAN VIEW

STABILIZED CONSTRUCTION DRIVEWAY

NOT TO SCALE

LENGTHS OF CONSTRUCTION EXITS ON SLOPING ROADBEDS		
PERCENT SLOPE OF ROADWAY	LENGTH OF STONE REQUIRED	
	COARSE GRAINED SOILS	FINE GRAINED SOILS
0 TO 2%	50 FT	100 FT
2 TO 5%	100 FT	200 FT
5%	ENTIRE SURFACE STABILIZED WITH HOT MIX ASPHALT BASE COURSE, MIX 1-2"	



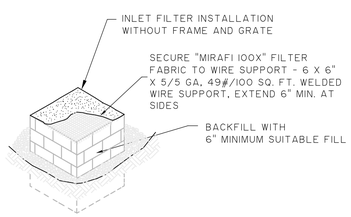
NOTES:

1. BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. 2 ROWS OF BALES SHALL BE USED. EACH ROW SHALL BE STAGGERED AS SHOWN.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR RE-BARS DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
4. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. EACH BALE SHALL BE IN FIRM CONTACT WITH THE GROUND OVER ITS ENTIRE LENGTH.

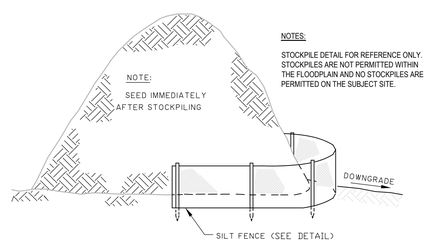
PLACEMENT & ANCHORING DETAIL

HAY BALE SEDIMENT BARRIERS

N.T.S.



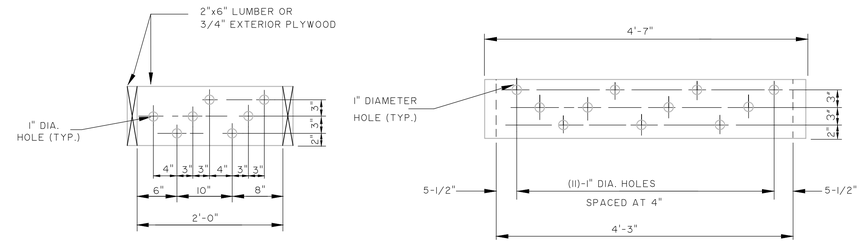
(B) TYPE "E" INLET PROTECTION



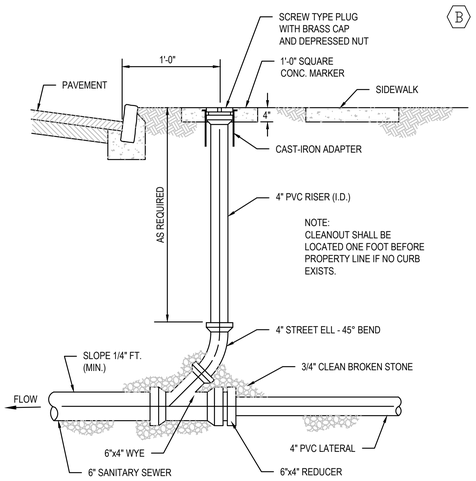
NOTES:

STOCKPILE DETAIL FOR REFERENCE ONLY. STOCKPILES ARE NOT PERMITTED WITHIN THE FLOODPLAIN AND NO STOCKPILES ARE PERMITTED ON THE SUBJECT SITE.

TYPICAL TOPSOIL STOCKPILE

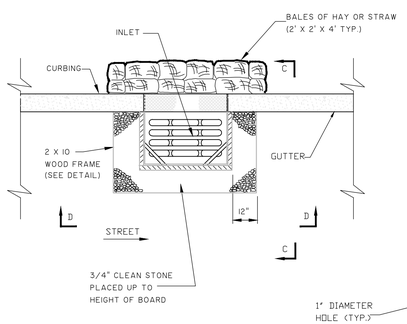


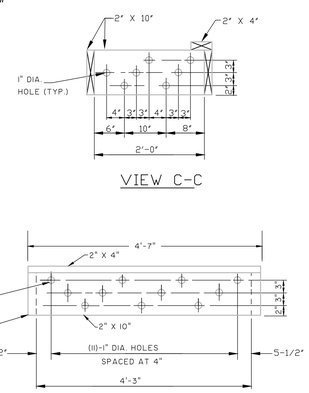
WOOD FRAME



STANDARD CLEANOUT DETAIL

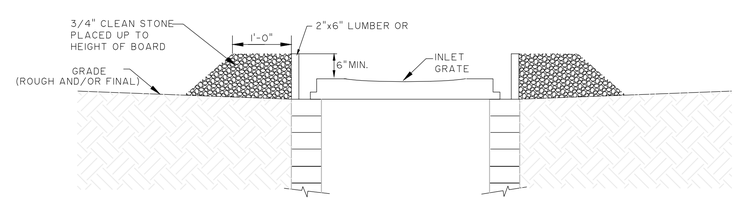
NOT TO SCALE





TYPE "B" INLET PROTECTION

(USING WOOD FRAME)



NOTE:
GRAVEL FILTER TO ENCOMPASS INLET

TYPE "A" OR "E" INLET PROTECTION

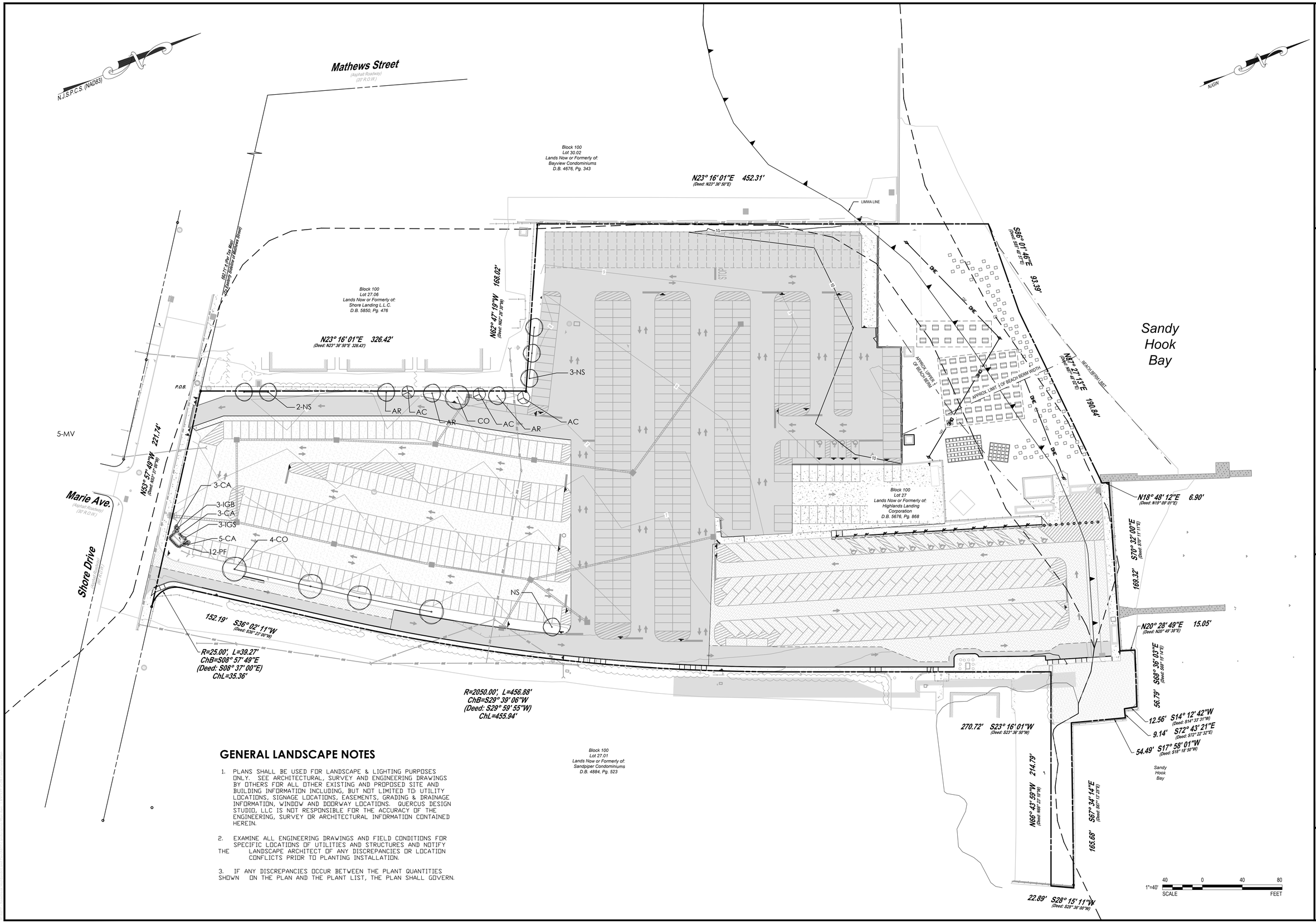
Najarian Associates
Professional Engineers, Land Surveyors & Planners • Scientists
One Industrial Way West, Eatontown, New Jersey 07724
(732) 389-0220 • Facsimile No. (732) 389-8546
Certificate of Authorization Certificate # 24GA27993300
BRAD M. THOMPSON, P.E.
NJ PROFESSIONAL ENGINEER, LIC. No. 48715

REVISIONS

NO.	DATE	DESCRIPTION
1	2025-06-27	REVISED PER SSCD REVIEW
2	2025-09-29	REVISED LOTS PER NJDEP COMMENT
3	2026-01-09	REVISED PER TOWNSHIP COMMENT
4	2026-05-27	REVISED PER TOWNSHIP AND PUBLIC COMMENT
5	2026-06-05	REVISED PER TOWNSHIP COMMENT

SOIL EROSION AND SEDIMENT CONTROL DETAILS
SEASTREAK FERRY TERMINAL REPAVING PROJECT
FOR HIGHLANDS LANDING CORPORATION
MAJOR SITE PLAN
BLOCK 100, LOT 27
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NEW JERSEY, TAX MAP # 19

JOB NO. 8407	
FILE NAME 8407-Soil Erosion Plan.dwg	
DRAWN ERI	REVIEWED BMT
DATE 04/22/25	SCALE AS SHOWN
SHEET NO. C-08 OF 13	



GENERAL LANDSCAPE NOTES

1. PLANS SHALL BE USED FOR LANDSCAPE & LIGHTING PURPOSES ONLY. SEE ARCHITECTURAL, SURVEY AND ENGINEERING DRAWINGS BY OTHERS FOR ALL OTHER EXISTING AND PROPOSED SITE AND BUILDING INFORMATION INCLUDING, BUT NOT LIMITED TO: UTILITY LOCATIONS, SIGNAGE LOCATIONS, EASEMENTS, GRADING & DRAINAGE INFORMATION, WINDOW AND DOORWAY LOCATIONS. QUERCUS DESIGN STUDIO, LLC IS NOT RESPONSIBLE FOR THE ACCURACY OF THE ENGINEERING, SURVEY OR ARCHITECTURAL INFORMATION CONTAINED HEREIN.

2. EXAMINE ALL ENGINEERING DRAWINGS AND FIELD CONDITIONS FOR SPECIFIC LOCATIONS OF UTILITIES AND STRUCTURES AND NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES OR LOCATION CONFLICTS PRIOR TO PLANTING INSTALLATION.

3. IF ANY DISCREPANCIES OCCUR BETWEEN THE PLANT QUANTITIES SHOWN ON THE PLAN AND THE PLANT LIST, THE PLAN SHALL GOVERN.

Najarian Associates
Professional Engineers, Land Surveyors & Planners - Scientists
One Industrial Way West, Eatontown, New Jersey 07724
(732) 389-0220 - Facsimile No. (732) 389-8546
Certificate of Authorization Certificate # 24GA27993300

BRAD M. THOMPSON, P.E.
NJ PROFESSIONAL ENGINEER, Lic. No. 48975

REVISIONS

NO.	DATE	DESCRIPTION
1	2025-05-27	REVISED PER FSCO REVIEW
2	2025-05-29	REVISED LOTS PER NJDEP COMMENT
3	2025-06-02	REVISED PER FSCO REVIEW
4	2025-06-27	REVISED PER TOWNSHIP AND PUBLIC COMMENT
5	2026-06-05	REVISED PER TOWNSHIP COMMENT

LANDSCAPE PLAN
SEASTREAK FERRY TERMINAL REPAVING PROJECT
FOR HIGHLANDS LANDING CORPORATION
MAJOR SITE PLAN
BLOCK 100, LOT 27
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NEW JERSEY, TAX MAP # 19

JOB NO. 8407	
FILE NAME 8407-Landscaping Plan.dwg	
DRAWN ERI	REVIEWED BMT
DATE 04/22/25	SCALE 1"=40'
SHEET NO. C-09 OF 13	

PLANT SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
Deciduous Trees					
AR	3	Acer rubrum 'Bowhall'	Bowhall Red Maple	2" - 2.5" cal.	B&B, Straight Central Leader
CO	5	Celtis occidentalis	Hackberry	2" - 2.5" cal.	B&B, Straight Central Leader
NS	6	Nyssa Sylvatica	Black Gum	2" - 2.5" cal.	B&B, Straight Central Leader
Ornamental Trees					
AC	3	Amelanchier canadensis	Serviceberry	10'-12' Ht.	B&B, multi-stemmed
Shrubs					
IGS	3	Ilex glabra 'Squeeze Box'	Squeeze Box Inkberry Holly	24"-36" Ht.	#3 Can
IGB	3	Ilex glabra 'Gem Box'	Gem Box Inkberry Holly	18"-24" Ht.	#2 Can
PF	12	Potentilla fruiticosa 'Goldfinger'	Goldfinger Bush Cinquefoil	18"-24" Ht.	#2 Can
Perennials & Ornamental Grasses					
CA	11	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	18' - 24" Ht.	#2 Can

TREES SHALL ONLY BE PRUNED TO CORRECT STRUCTURAL ISSUES OR TO REMOVE DEAD BRANCHING.

1. PRIOR TO PLANTING, VERIFY THE TOP ELEVATION OF THE TRUE ROOT BALL BY UNRAVELING THE BURLAP TO EXPOSE THE TRUNK ROOT FLARE. IF THE ROOT FLARE IS NOT VISIBLE, REMOVE ANY ALIEN SOILS FROM THE TOP OF THE ROOTBALL UNTIL THE ROOT FLARE IS EXPOSED.

2. AT THIS TIME, ANY GIRDLING OR CIRCLING ROOTS SHOULD BE REMOVED. EXCESSIVE GIRDLING OR CIRCLING ROOTS WILL CAUSE THE TREE TO BE REJECTED.

3. IF TOO MUCH SOIL IS REMOVED IN THE FIELD TO EXPOSE THE ROOT FLARE, THE ROOT BALL IS EFFECTIVELY UNDERSIZED AND WILL BE REJECTED.

48" RIGID TREE BARK PROTECTORS SHALL BE INSTALLED AROUND THE TRUNKS OF CANOPY AND UNDERSTORY TREES FOR DEER PROTECTION – SUCH AS "PLASTIC MESH TREE GUARD BG48 BY AM LEONARD HORTICULTURAL SUPPLY OR APPROVED EQUAL

TREE DIAPER PLANT PROTECTION MAT BY ZYNNOVATION LLC OR APPROVED EQUAL. MATS TO BE SIZED, INSTALLED AND RECHARGED PER MANUFACTURER'S RECOMMENDATION. PLACE MATS ON TOP OF SOIL AND BELOW MULCH.

MESH PANEL TREE GUARD BY A.M. LEONARD OR APPROVED EQUAL. SECURE EACH GUARD TO A 5' STAKE. GUARDS TO BE 48" TALL, 15 " DIAMETER HDPE CONSTRUCTION..

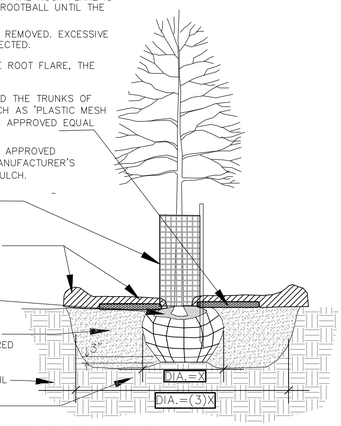
4" SHREDDED HARDWOOD MULCH, UNIFORMLY SPREAD, FORMING A 4" HIGH SAUCER AROUND PERIMETER. KEEP MULCH 4" FROM BASE OF TREE TRUNK. MULCH SHALL NOT BE CONTACT WITH TRUNK FLARE.

REMOVE BURLAP, WIRE BASKETS AND ROPE FROM TOP 1/3 OF ROOT BALL

BACKFILL MIXTURE TO BE SPECIFIED BASED ON SOIL TEST AND CULTURAL REQUIREMENTS OF PLANT. BACKFILL SHALL BE WATERED 12" AT A TIME WHILE PLANTING

STAKES TO EXTEND 18" BELOW TREE PIT INTO UNDISTURBED SOIL

NO SUBSURFACE DISTURBANCE



DECIDUOUS TREE PLANTING DETAIL

NOT TO SCALE

REMOVE BURLAP FROM TO 1/3 OF BALL OR FOR CONTAINER PLANTS, REMOVE POTS AND SLICE BALLS 1" DEEP PER COMMON NURSERY PRACTICE

3" OF SHREDDED BARK MULCH OVER ENTIRE BED WITH 4" SAUCER AROUND PERIMETER OF SHRUB

BACKFILL MIXTURE TO BE SPECIFIED BASED ON SOIL TEST AND CULTURAL REQUIREMENTS OF PLANT. BACKFILL SHALL SHALL BE WATERED 12" AT A TIME WHILE PLANTING

COMPACTED BACKFILL OR UNDISTURBED SOIL

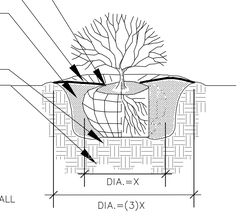
NO SUBSURFACE DISTURBANCE

SHRUB SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO PREVIOUS GRADE IN THE NURSERY

DO NOT PRUNE EVERGREENS EXCEPT TO REMOVE DEAD OR DAMAGED BRANCHES

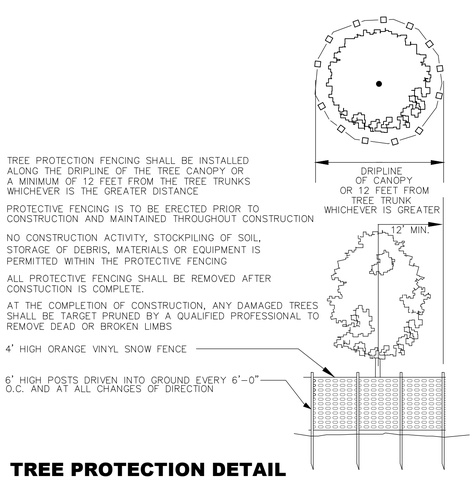
FOR DECIDUOUS SHRUBS, THIN BRANCHES AND FOLIAGE BY 1/3 RETAINING NORMAL PLANT SHAPE

PLANTING PIT DIAMETER SHALL BE 3 TIMES DIAMETER OF ROOTBALL



SHRUB PLANTING DETAIL

NOT TO SCALE



TREE PROTECTION FENCING SHALL BE INSTALLED ALONG THE DRIPLINE OF THE TREE CANOPY OR A MINIMUM OF 12 FEET FROM THE TREE TRUNKS WHICHEVER IS THE GREATER DISTANCE

PROTECTIVE FENCING IS TO BE ERECTED PRIOR TO CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION

NO CONSTRUCTION ACTIVITY, STOCKPILING OF SOIL, STORAGE OF DEBRIS, MATERIALS OR EQUIPMENT IS PERMITTED WITHIN THE PROTECTIVE FENCING

ALL PROTECTIVE FENCING SHALL BE REMOVED AFTER CONSTUCTION IS COMPLETE.

AT THE COMPLETION OF CONSTRUCTION, ANY DAMAGED TREES SHALL BE TARGET PRUNED BY A QUALIFIED PROFESSIONAL TO REMOVE DEAD OR BROKEN LIMBS

4' HIGH ORANGE VINYL SNOW FENCE

6' HIGH POSTS DRIVEN INTO GROUND EVERY 6'-0" O.C. AND AT ALL CHANGES OF DIRECTION

TREE PROTECTION DETAIL

NOT TO SCALE

GUY TREES 8' AND OVER AS SPECIFIED
STAKE ALL EVERGREEN TREES UNDER 8'

TREE SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO PREVIOUS GRADE IN THE NURSERY

PRUNE ONLY TO REMOVE DEAD OR DAMAGED BRANCHES, LEADER OF TREES SHALL NEVER BE CUT

ARBOR TIE 1/2" CHAINLOCK TREE TIES OR APPROVED EQUAL

THREE (2) 3" O.D. CEDAR STAKES OR GUYS 1/2 OR 2/3 UP TREE DRIVE STAKES AT SLIGHT ANGLE INTO UNDISTURBED SOIL. STAKING SHOULD BE DONE TO ALLOW TREE TO MOVE 1" IN ANY DIRECTION. STAKES TO BE REMOVED AFTER 1 YEAR

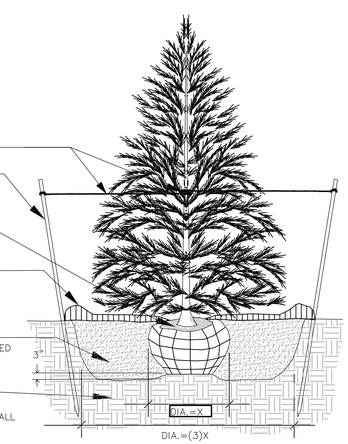
REMOVE BURLAP, WIRE BASKET AND ROPE FROM TOP 1/3 OF ROOT BALL

4" SHREDDED HARDWOOD MULCH, UNIFORMLY SPREAD, FORMING A 4" HIGH SAUCER AROUND PERIMETER. KEEP MULCH 4" FROM BASE OF TREE TRUNK. MULCH SHALL NOT BE IN CONTACT WITH TRUNK FLARE.

BACKFILL MIXTURE TO BE SPECIFIED BASED ON SOIL TEST AND CULTURAL REQUIREMENTS OF PLANT. BACKFILL SHALL BE WATERED 12" AT A TIME WHILE PLANTING

NO SUBSURFACE DISTURBANCE

PLANTING PIT DIAMETER SHALL BE 3 TIMES DIAMETER OF ROOTBALL



EVERGREEN TREE PLANTING DETAIL

NOT TO SCALE

PLANTING NOTES

1. THE LANDSCAPE PLAN SHALL BE USED FOR LANDSCAPE PLANTING PURPOSES ONLY. EXAMINE ALL ENGINEERING DRAWINGS AND FIELD CONDITIONS FOR SPECIFIC LOCATIONS OF UTILITIES AND STRUCTURES AND NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES OR LOCATION CONFLICTS PRIOR TO PLANTING INSTALLATION.

2. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING LOCATION OF ALL UTILITIES AND IRRIGATION ON SITE PRIOR TO CONSTRUCTION.

3. PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY, HAVE NORMAL GROWTH HABITS, WELL-DEVELOPED BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE FROM DEFECTS AND INJURIES. QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS AND SIZE OF ROOT BALLS SHALL BE IN CONFORMANCE WITH THE MOST RECENT ANSI Z60 "AMERICAN STANDARD FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.

4. THE OWNER AND/OR LANDSCAPE ARCHITECT RESERVES THE RIGHT TO APPROVE ALL PLANT MATERIAL ON SITE PRIOR TO INSTALLATION.

5. NO PLANT SUBSTITUTIONS SHALL BE PERMITTED WITH REGARD TO SIZE, SPECIES AND VARIETY WITHOUT WRITTEN PERMISSION FROM THE LANDSCAPE ARCHITECT OR TOWNSHIP OFFICIALS. DOCUMENTED PROOF OF PLANT MATERIAL UNAVAILABILITY MUST BE PROVIDED.

6. NO SHADE TREE, STREET TREE, ORNAMENTAL FLOWERING TREE OR EVERGREEN TREE SHALL BE PLANTED CLOSER THAN 7 FEET FROM ANY SIDEWALK, DRIVEWAY, CURB OR UTILITY LOCATION UNLESS SPECIFICALLY DIMENSIONED ON THE LANDSCAPE PLAN.

7. ALL STREET TREES AND SHADE TREES PLANTED NEAR PEDESTRIAN OR VEHICULAR ACCESS SHOULD NOT BE BRANCHED LOWER THAN 7 FT ABOVE GRADE. ALL SHRUBS LOCATED WITHIN SIGHT TRIANGLE EASEMENTS SHALL NOT EXCEED A MATURE HEIGHT OF 30 INCHES ABOVE THE ELEVATION OF THE ADJACENT CURB. ALL STREET TREES WITHIN SIGHT TRIANGLE EASEMENTS SHALL BE PRUNED TO NOT BRANCH BELOW 8 FEET ABOVE GRADE.

8. THE PLANTING PLAN SHALL TAKE PRECEDENCE OVER THE PLANT SCHEDULE SHOULD ANY PLANT QUANTITY DISCREPANCIES OCCUR.

9. ALL PLANT MATERIAL SHALL BE PROPERLY GUYED, STAKED, WRAPPED AND PLANTED IN CONFORMANCE WITH THE PLANTING DETAILS. TREE SUPPORT SYSTEMS SHALL BE ATTACHED TO THE TREE AT A HEIGHT OF TWO-THIRDS THE HEIGHT OF THE TREE AND SHOULD BE LOCATED SO AS NOT TO SPLIT THE TRUNKS OF MULTI-STEMMED TREES. INSTALL ALL PLANT MATERIAL ON UNDISTURBED GRADE.

10. TREE SUPPORT SYSTEMS DIRECTLY CONTACTING THE TREE TRUNK SHALL BE ARBOR TIE BY DEEPROOT OR APPROVED EQUAL. THE SUPPORTS SHOULD ALLOW THE TREE TRUNK TO MOVE AT LEAST ONE INCH IN ANY DIRECTION SO THAT A PROPER TRUNK FLARE MAY FORM. ALL TREE SUPPORT SYSTEMS SHALL BE REMOVED WITHIN ONE YEAR OF INSTALLATION FROM TREES THAT DO NOT REQUIRE OBVIOUS STRAIGHTENING.

11. CUT AND REMOVE TWINE, BURLAP AND WIRE BASKET FROM TOP ONE-THIRD OF ROOT BALL. ANY SYNTHETIC ROPE OR FABRIC SHALL BE REMOVED COMPLETELY FROM THE PLANTING PIT AND DISPOSED OF PROPERLY.

12. BIODEGRADABLE TREE WRAP SHALL BE USED DURING DELIVERY AND INSTALLATION AND REMOVED AFTER FIRST GROWING SEASON. PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES. PLANTS SHALL BE HANDLED FROM THE BOTTOM OF THE ROOT BALL ONLY.

13. FERTILIZER SHALL NOT BE USED DURING THE FIRST YEAR AFTER INSTALLATION.

14. INSOFAR AS IT IS PRACTICAL, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL PROTECT AND WATER STOCK NOT PLANTED. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN 3 DAYS AFTER DELIVERY.

15. IT IS ADVISABLE TO PRUNE APPROXIMATELY $\frac{1}{4}$ OF THE GROWTH OF TREES 2 INCH CALIPER AND OVER BY THE REMOVAL OF SUPERFLUOUS BRANCHES, THOSE WHICH CROSS, THOSE WHICH RUN PARALLEL, ETC. MAIN LEADER OF THE TREES SHALL NEVER BE CUT. LONG SIDE BRANCHES SHOULD BE SHORTENED. DEAD BRANCHES SHOULD PRUNED BACK TO NATURAL TARGETS. PRUNING SHALL BE DONE WITH CLEAN, SHARP TOOLS. PRUNING SHALL BE DONE IN ACCORDANCE TO STANDARD HORTICULTURAL PRACTICE TO PRESERVE THE NATURAL CHARACTER OF THE PLANT.

16. PROVIDE PLANTING PITS AS INDICATED ON PLANTING DETAILS. BACKFILL MIXTURE TO BE SPECIFIED BASED ON SOIL TEST AND CULTURAL REQUIREMENT OF THE PLANT. BACKFILL SHALL BE WATERED 12 INCHES AT A TIME DURING PLANTING.

17. ALL PLANT MATERIAL SHALL BEAR THE SAME RELATION TO FINISHED GRADE AS IT BORE TO EXISTING GRADE IN THE NURSERY.

18. NEWLY INSTALLED PLANT MATERIAL SHALL BE WATERED AT THE TIME OF INSTALLATION. REGULAR WATERING SHALL BE PROVIDED TO ENSURE THE ESTABLISHMENT, GROWTH AND SURVIVAL OF ALL PLANTS. WATER SHALL BE FREE OF IMPURITIES INJURIOUS TO PLANT MATERIAL.

19. MULCH FOR PLANTING BEDS SHALL BE DOUBLE SHREDDED HARDWOOD BARK MULCH UNLESS OTHERWISE SPECIFIED ON THE PLANS AND SHALL HAVE NO LEAVES, YOUNG GREEN GROWTH, BRANCHES, TWIGS GREATER THAN $\frac{1}{4}$ INCH DIAMETER, WEEDS, SHAVINGS OR FOREIGN MATERIAL SUCH AS STONES, ETC. ALL SHRUB MASSES SHALL BE PLANTED IN CONTINUOUS MULCHED BEDS WITH A COMPACTED DEPTH OF 3 INCHES. NO MULCH SHALL BE PLACED IN CONTACT WITH PLANT STEMS OR TREE TRUNKS.

20. CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR ONE YEAR AFTER THE DATE OF FINAL ACCEPTANCE. ANY PLANT MATERIAL THAT DIES WITHIN THAT TIME PERIOD SHALL BE REMOVED, INCLUDING THE STUMP, AND REPLACED BY A PLANT OF SIMILAR SIZE AND SPECIES AT THE EXPENSE OF THE CONTRACTOR. ALL REPLACEMENTS SHALL HAVE A GUARANTEE EQUAL TO THAT STATED ABOVE.

21. ALL PLANTING DEBRIS (WIRE, TWINE, CONTAINERS, BACKFILL ETC) SHALL BE REMOVED FROM THE SITE AFTER PLANTING IS COMPLETE. PROPERTY IS TO BE LEFT IN A NEAT AND ORDERLY CONDITION DURING AND AFTER INSTALLATION.

22. TREE PROTECTION FENCING TO BE INSTALLED ACCORDING TO DETAILS PRIOR TO ANY LAND DISTURBANCE OR CONSTRUCTION ACTIVITY. FENCING SHALL BE MAINTAINED UNTIL ALL CONSTRUCTION IS COMPLETE. SEE DETAIL FOR ADDITIONAL REQUIREMENTS.

23. EXISTING TREES TO REMAIN ON SITE TO BE SELECTIVELY THINNED AND PRUNED TO REMOVE DEAD AND/OR DISEASED LIMBS AFTER INSTALLATION OF TREE PROTECTION FENCING. ANY PRUNING SHALL BE DONE BY A PROFESSIONAL FORESTER, ARBORIST OR CERTIFIED TREE EXPERT.

24. ALL OPEN AREAS OF THE SITE THAT ARE NOT PAVED, PLANTED OR MULCHED AS PART OF A PLANTING BED SHALL BE TURFED SO AS TO ESTABLISH PERMANENT COVER.

Najarian Associates
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(732) 389-0220 • Facsimile No. (732) 389-8546
Certificate of Authorization Certificate # 24GA27993300

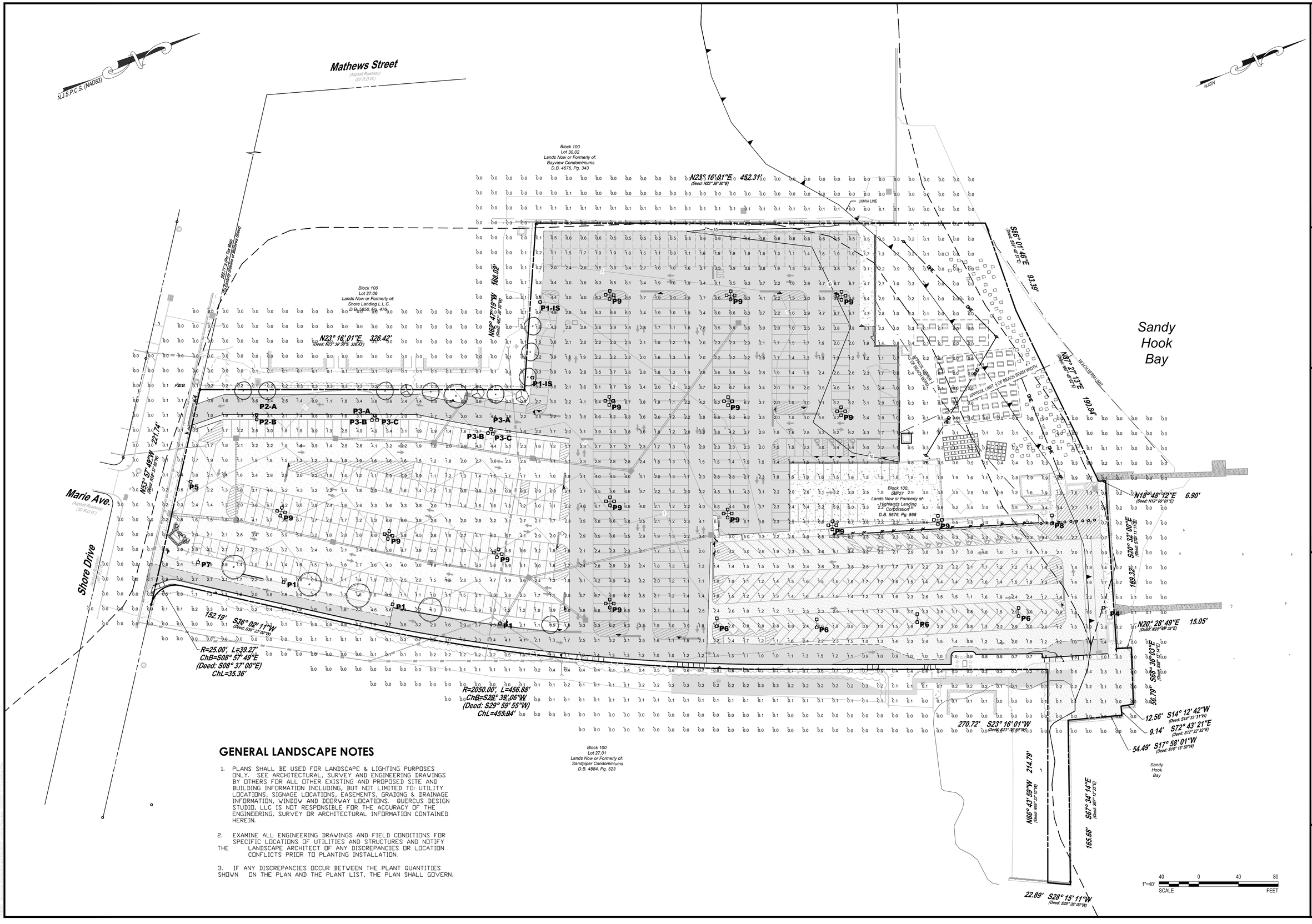
BRAD M. THOMPSON, P.E.
NJ PROFESSIONAL ENGINEER, LIC. No. 48975

REVISIONS

NO.	DATE	DESCRIPTION
1	2025-05-27	REVISED PER SSCD REVIEW
2	2025-06-26	REVISED LOTS PER NJDEP COMMENT
3	2026-04-09	REVISED PER NJDEP
4	2026-05-27	REVISED PER TOWNSHIP AND PUBLIC COMMENT
5	2026-06-05	REVISED PER TOWNSHIP COMMENT

LANDSCAPE NOTES AND DETAILS
SEASTREAK FERRY TERMINAL REPAVING PROJECT
FOR HIGHLANDS LANDING CORPORATION
MAJOR SITE PLAN
BLOCK 100, LOT 27
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NEW JERSEY, TAX MAP # 19

JOB NO. 8407	
FILE NAME 8407-Landscaping Plan.dwg	
DRAWN ERI	REVIEWED BMT
DATE 04/22/25	SCALE AS SHOWN
SHEET NO. C-10 OF 13	



GENERAL LANDSCAPE NOTES

1. PLANS SHALL BE USED FOR LANDSCAPE & LIGHTING PURPOSES ONLY. SEE ARCHITECTURAL, SURVEY AND ENGINEERING DRAWINGS BY OTHERS FOR ALL OTHER EXISTING AND PROPOSED SITE AND BUILDING INFORMATION INCLUDING, BUT NOT LIMITED TO: UTILITY LOCATIONS, SIGNAGE LOCATIONS, EASEMENTS, GRADING & DRAINAGE INFORMATION, WINDOW AND DOORWAY LOCATIONS. QUERCUS DESIGN STUDIO, LLC IS NOT RESPONSIBLE FOR THE ACCURACY OF THE ENGINEERING, SURVEY OR ARCHITECTURAL INFORMATION CONTAINED HEREIN.

2. EXAMINE ALL ENGINEERING DRAWINGS AND FIELD CONDITIONS FOR SPECIFIC LOCATIONS OF UTILITIES AND STRUCTURES AND NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES OR LOCATION CONFLICTS PRIOR TO PLANTING INSTALLATION.

3. IF ANY DISCREPANCIES OCCUR BETWEEN THE PLANT QUANTITIES SHOWN ON THE PLAN AND THE PLANT LIST, THE PLAN SHALL GOVERN.

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BRAD M. THOMPSON, P.E.
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REVISIONS

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2	2025-05-29	REVISED LOTS PER NJDEP COMMENT
3	2025-06-02	REVISED PER FSCD REVIEW
4	2025-06-27	REVISED PER TOWNSHIP AND PUBLIC COMMENT
5	2025-06-05	REVISED PER TOWNSHIP COMMENT

LIGHTING PLAN
SEASTREAK FERRY TERMINAL REPAVING PROJECT
FOR HIGHLANDS LANDING CORPORATION
MAJOR SITE PLAN
BLOCK 100, LOT 27
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NEW JERSEY, TAX MAP # 19

JOB NO. 8407	
FILE NAME 8407-Lighting Plan.dwg	
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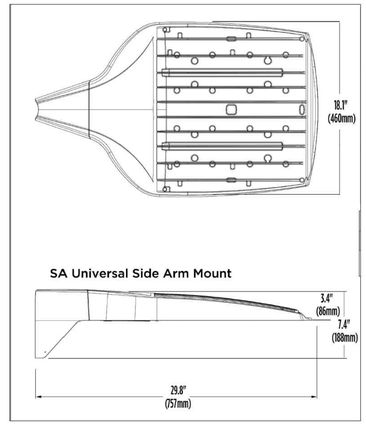
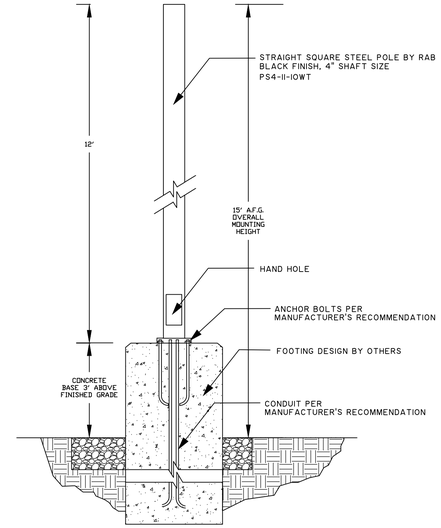
DATE 04/22/25	SCALE 1"=40'
SHEET NO. C-11	
OF 13	

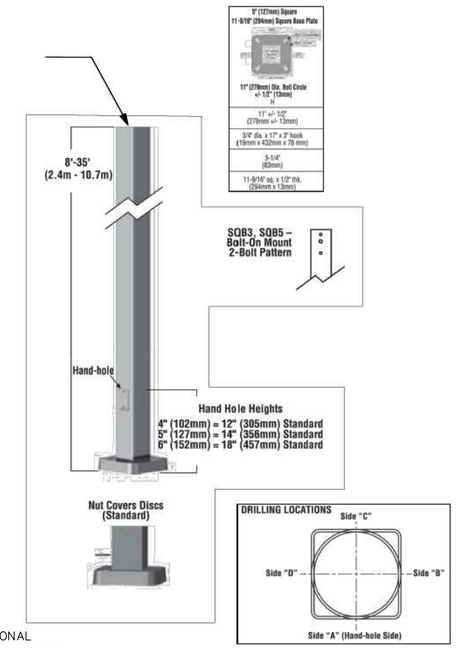


LIGHT FIXTURES ARE V-LOCITY MEDIUM (VALM) OUTDOOR LED AREA LIGHTS BY LSI INDUSTRIES, INC. FIXTURES TO BE BLACK MARINE-GRADE FINISH. SIDE ARM MOUNT. SEE LUMINAIRE SCHEDULE ON THIS SHEET FOR MOUNTING ARRANGEMENTS, LUMENS, DISTRIBUTION TYPES, COLOR TEMPS AND MANUFACTURER'S ORDERING INFORMATION. LIGHTING WILL BE CONTROLLED VIA A TIMING DEVICE. SEE LIGHTING NOTES ON THIS SHEET FOR HOURS OF OPERATION. FIXTURES TO BE MOUNTED 15' A.F.G NO SUBSTITUTIONS WITHOUT WRITTEN CONSENT FROM OWNER.

LIGHT FIXTURE DETAIL

NOT TO SCALE





FOOTING DETAIL IS FOR ILLUSTRATIVE PURPOSES ONLY
ACTUAL LIGHT POLE FOOTING DESIGN TO BE DONE BY OTHERS

LIGHT POLES ARE 5 INCH ALUMINUM SQUARE WITH BLACK MARINE-GRADE FINISH BY LSI INDUSTRIES. POLES ARE 12 FT HIGH AND MOUNTED ON A 3 FT HIGH CONCRETE FOOTING. FOOTING DESIGN SHALL BE PREPARED BY A QUALIFIED PROFESSIONAL ALL ELECTRICAL WORK AND WIRING SHALL BE DONE PER MANUFACTURER'S RECOMMENDATIONS. SEE LUMINAIRE SCHEDULE ON THIS SHEET FOR ORDERING INFORMATION. NO SUBSTITUTIONS WITHOUT WRITTEN CONSENT FROM OWNER.

LIGHT POLE DETAIL

NOT TO SCALE

CALCULATION SUMMARY

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PARKING LOT	Illuminance	Fc	2.55	6.8	0.5	5.10	13.60

LIGHTING NOTES

SITE LIGHTING CONTROLS SEQUENCE OF OPERATION IN COMPLIANCE WITH ASHRAE 90.1-2019

- EACH SITE FIXTURE TO BE EQUIPPED WITH NX CONTROLS, WHICH IS A WIRELESS BLUETOOTH MESH CONTROL SYSTEM.
- CONTROL SYSTEM IS TO BE ACCESSIBLE VIA iOS APP FOR PROGRAMMING. NO EXTERNAL GATEWAY OR COMPONENTS REQUIRING INTERNET PERMITTED.
- EACH SITE FIXTURE TO HAVE AN INTEGRAL PHOTO SENSOR AND BUILT-IN TIME KEEPER TO ALLOW FOR THE SCHEDULING OF DIMMING EVENTS BASED ON TIME OF DAY.
- ALL SITE LIGHTS TO TURN ON A HALF HOUR BEFORE DUSK AND OFF A HALF HOUR AFTER DAWN.
- LIGHTS TO REMAIN FULL BRIGHTNESS UNIT 12 A.M., AT WHICH TIME THE LIGHTS WILL DIM TO 50% OUTPUT UNTIL DAWN.

LUMINAIRE SCHEDULE

DIVERSIFIED GRP LUMINAIRE SCHEDULE

Qty	Type	Arrangement	Symbol	Manufacturer	Light Fixture Spec	CCT	Lum. Lumens	LLF	Lum. Watts	Arr. Watts	Pole/Bracket Spec	Mounting AFG (FT)
3	P1	Single		LSI INDUSTRIES	VALM-12L-2-30K8-FINISH(MARINE GRADE)-SA-CR7P-MS8 w/ NXOFM2-1R1D-UNV	3000K	10147	0.900	71	71	5SQB5-A125-12'-S-FINISH(MARINE GRADE)-GA (MOUNTED ON 3' CONCRETE BASE)	15
2	P1-IS	Single		LSI INDUSTRIES	VALM-12L-2-30K8-FINISH(MARINE GRADE)-SA-CR7P-MS8-IS w/ NXOFM2-1R1D-UNV	3000K	7387	0.900	71	71	5SQB5-A125-12'-S-FINISH(MARINE GRADE)-GA (MOUNTED ON 3' CONCRETE BASE)	15
1	P2-A	Single		LSI INDUSTRIES	VALM-12L-2-30K8-FINISH(MARINE GRADE)-SA-CR7P-MS8-IS w/ NXOFM2-1R1D-UNV	3000K	7387	0.900	71	71	5SQB5-A125-12'-D180-FINISH(MARINE GRADE)-GA (MOUNTED ON 3' CONCRETE BASE)	15
1	P2-B	Single		LSI INDUSTRIES	VALM-12L-3W-30K8-FINISH(MARINE GRADE)-SA-CR7P-MS8-IS w/ NXOFM2-1R1D-UNV	3000K	9180	0.900	71	71	*MOUNTED ON TYPE P2-A POLE	15
2	P3-A	Single		LSI INDUSTRIES	VALM-12L-2-30K8-FINISH(MARINE GRADE)-SA-CR7P-MS8-IS w/ NXOFM2-1R1D-UNV	3000K	7387	0.900	71	71	5SQB5-A125-12'-T90-FINISH(MARINE GRADE)-GA (MOUNTED ON 3' CONCRETE BASE)	15
2	P3-B	Single		LSI INDUSTRIES	VALM-12L-4W-L-30K8-FINISH(MARINE GRADE)-SA-CR7P-MS8 w/ NXOFM2-1R1D-UNV	3000K	8442	0.900	71	71	*MOUNTED ON TYPE P3-A POLE	15
2	P3-C	Single		LSI INDUSTRIES	VALM-12L-4W-R-30K8-FINISH(MARINE GRADE)-SA-CR7P-MS8 w/ NXOFM2-1R1D-UNV	3000K	8442	0.900	71	71	*MOUNTED ON TYPE P3-A POLE	15
1	P4	Single		LSI INDUSTRIES	VALM-12L-3W-30K8-FINISH(MARINE GRADE)-SA-CR7P-MS8 w/ NXOFM2-1R1D-UNV	3000K	9180	0.900	71	71	5SQB5-A125-12'-S-FINISH(MARINE GRADE)-GA (MOUNTED ON 3' CONCRETE BASE)	15
1	P5	Single		LSI INDUSTRIES	VALM-12L-4W-30K8-FINISH(MARINE GRADE)-SA-CR7P-MS8 w/ NXOFM2-1R1D-UNV	3000K	8442	0.900	71	71	5SQB5-A125-12'-S-FINISH(MARINE GRADE)-GA (MOUNTED ON 3' CONCRETE BASE)	15
4	P6	Back-Back		LSI INDUSTRIES	VALM-12L-4W-30K8-FINISH(MARINE GRADE)-SA-CR7P-MS8 w/ NXOFM2-1R1D-UNV	3000K	8442	0.900	71	142	5SQB5-A125-12'-D180-FINISH(MARINE GRADE)-GA (MOUNTED ON 3' CONCRETE BASE)	15
1	P7	Single		LSI INDUSTRIES	VALM-12L-5M-30K8-FINISH(MARINE GRADE)-SA-CR7P-MS8 w/ NXOFM2-1R1D-UNV	3000K	10385	0.900	71	71	5SQB5-A125-12'-S-FINISH(MARINE GRADE)-GA (MOUNTED ON 3' CONCRETE BASE)	15
1	P8	Back-Back		LSI INDUSTRIES	VALM-12L-5QW-30K8-FINISH(MARINE GRADE)-SA-CR7P-MS8 w/ NXOFM2-1R1D-UNV	3000K	10460	0.900	71	142	5SQB5-A125-12'-D180-FINISH(MARINE GRADE)-GA (MOUNTED ON 3' CONCRETE BASE)	15
14	P9	4 @ 90 Degrees		LSI INDUSTRIES	VALM-12L-5QW-30K8-FINISH(MARINE GRADE)-SA-CR7P-MS8 w/ NXOFM2-1R1D-UNV	3000K	10460	0.900	71	284	5SQB5-A125-12'-Q90-FINISH(MARINE GRADE)-GA (MOUNTED ON 3' CONCRETE BASE)	15

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BRAD M. THOMPSON, P.E.
NJ PROFESSIONAL ENGINEER, LIC. No. 48975

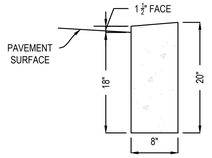
REVISIONS

NO.	DATE	DESCRIPTION
1	2025-05-27	REVISED PER FSCD REVIEW
2	2025-05-29	REVISED LOTS PER NJDEP COMMENT
3	2025-06-09	REVISED PER SOCWD MEMO
4	2025-06-27	REVISED PER TOWNSHIP AND PUBLIC COMMENT
5	2026-06-05	REVISED PER TOWNSHIP COMMENT

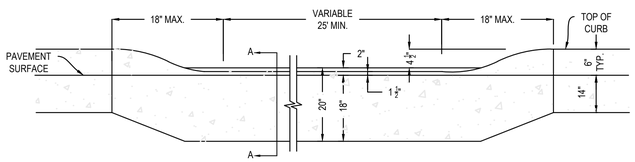
LIGHTING NOTES AND DETAILS
SEASTREAK FERRY TERMINAL REPAVING PROJECT
FOR HIGHLANDS LANDING CORPORATION
MAJOR SITE PLAN
BLOCK 100, LOT 27
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NEW JERSEY, TAX MAP # 19

JOB NO. 8407
FILE NAME 8407-Lighting Plan.dwg
DRAWN ERI | REVIEWED BMT
DATE 04/22/25 | SCALE AS SHOWN
SHEET NO. C-12
OF 13

Last Edited: 5/27/2026 6:09 PM By: eriarman

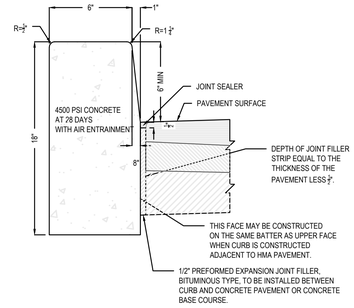


SECTION A-A



DEPRESSED CURB AT DRIVEWAYS

NOT TO SCALE

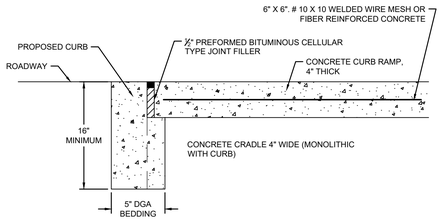


DETAIL - CONCRETE VERTICAL CURB

NOTES:

1. TRANSVERSE JOINTS 1/2" WIDE SHALL BE INSTALLED IN THE CURB 20' APART AND SHALL BE FILLED WITH PREFORMED BITUMINOUS-IMPREGNATED FIBER JOINT FILLER RECESSED 1/4" FROM THE FRONT FACE AND TOP OF CURB.
2. DUMMY JOINTS (FORMED) SHALL BE INSTALLED MIDWAY BETWEEN EXPANSION JOINTS.

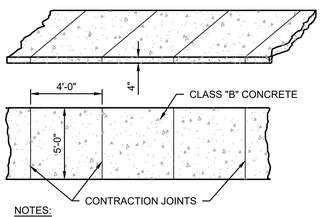
NOT TO SCALE



NOTES:

1. TRANSVERSE EXPANSION JOINTS, 1/2" WIDE, SHALL BE PROVIDED AT INTERVALS OF NOT MORE THAN 15' AND FILLED WITH PREFORMED BITUMINOUS CELLULAR TYPE JOINT FILLER (AASHTO M33). LONGITUDINAL JOINTS, 1/2" WIDE, SHALL BE PROVIDED BETWEEN CURBS AND ABUTTING SIDEWALKS, AND SHALL BE FILLED WITH PREFORMED BITUMINOUS CELLULAR TYPE JOINT FILLER (AASHTO M33). THE TOP OF ALL JOINT FILLER SHALL BE TRIMMED 1/2" BELOW THE TOP OF THE SIDEWALK AND FILLED WITH JOINT SEALER (SIKAFLEX-1A), OR AN APPROVED EQUAL.
2. IN LIEU OF DENSE GRADED (DGA), RECYCLED CONCRETE AGGREGATE (RCA) IS ACCEPTABLE. ALL RCA MUST MEET NJDOT SPECIFICATIONS AND BE CERTIFIED BY AN NJDOT APPROVED PLANT OF ORIGIN. ALL RCA SHIPMENTS MUST BE FREE OF FOREIGN MATERIALS AND CONTAMINANTS.

CONCRETE CRADLE CURB DETAILS FOR ADA RAMPS

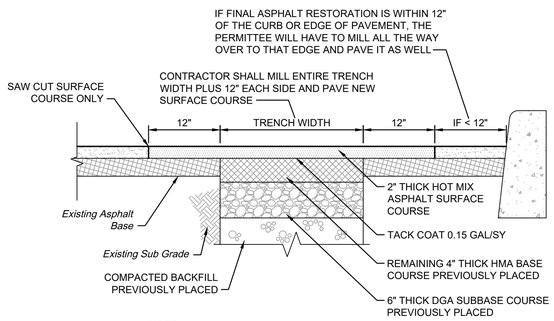


NOTES:

1. PREFORMED BITUMINOUS EXPANSION JOINTS, 1/2" THICK SHALL BE INSTALLED EVERY 20 FEET. CONTRACTION JOINTS SHALL BE INSTALLED EVERY 4 FEET.
2. CONCRETE SHALL BE CLASS "B" PORTLAND CEMENT HAVING A 28-DAY STRENGTH OF 4,000 PSI.
3. HANDICAP RAMPS SHALL HAVE A LIGHT BROOM FINISH WITH THE STRIATIONS PERPENDICULAR TO TRAFFIC.

CONCRETE WALK

NOT TO SCALE

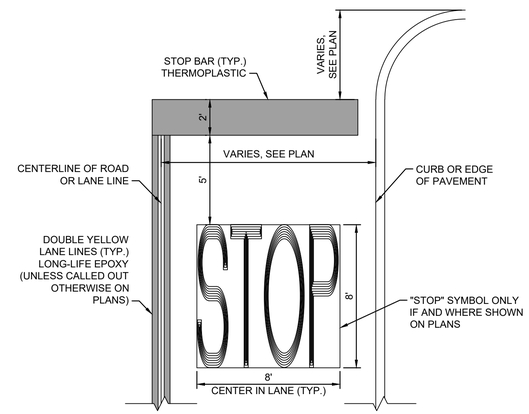


NOTE:

1. ALL MATERIALS SHALL CONFORM TO THE LATEST NJDOT STANDARDS AND SPECIFICATIONS.

FINAL ASPHALT SURFACE RESTORATION

NOT TO SCALE

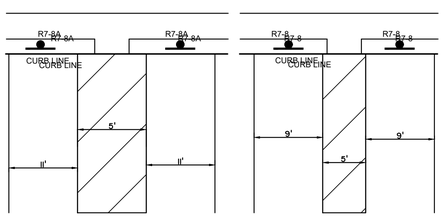


PAVEMENT MARKINGS

NOT TO SCALE

NOTE:

1. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
2. USE TYPICAL DIMENSIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
3. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
4. ALL PAVEMENT MARKING WORDS ON THE PAVEMENT SHALL BE 8' HIGH AND FIT WITHIN THE LANE. EXACT WIDTH TO BE DETERMINED BASED ON NUMBER OF LETTERS.

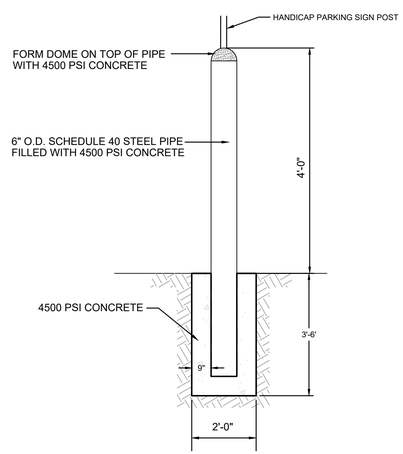


VAN ACCESSIBLE

ACCESSIBLE

PARKING SPACE DIMENSIONS

R7-8



BOLLARD DETAIL

FOR HANDICAP PARKING SIGN
N.T.S.

NOTES

1. INSTALL 6" SCHEDULE 40 STEEL PIPE BOLLARD
2. PAINT BOLLARD WITH 1 COAT OF PRIMER AND (2) COATS OF SAFETY YELLOW PER SPECS.
3. SIGN POST SHALL BE INSERTED IN BOLLARD AND BACKFILLED WITH CONCRETE

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DETAIL PLAN

SEASTREAK FERRY TERMINAL REPAVING PROJECT
FOR HIGHLANDS LANDING CORPORATION
MAJOR SITE PLAN
BLOCK 100, LOT 27
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
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JOB NO. 8407	
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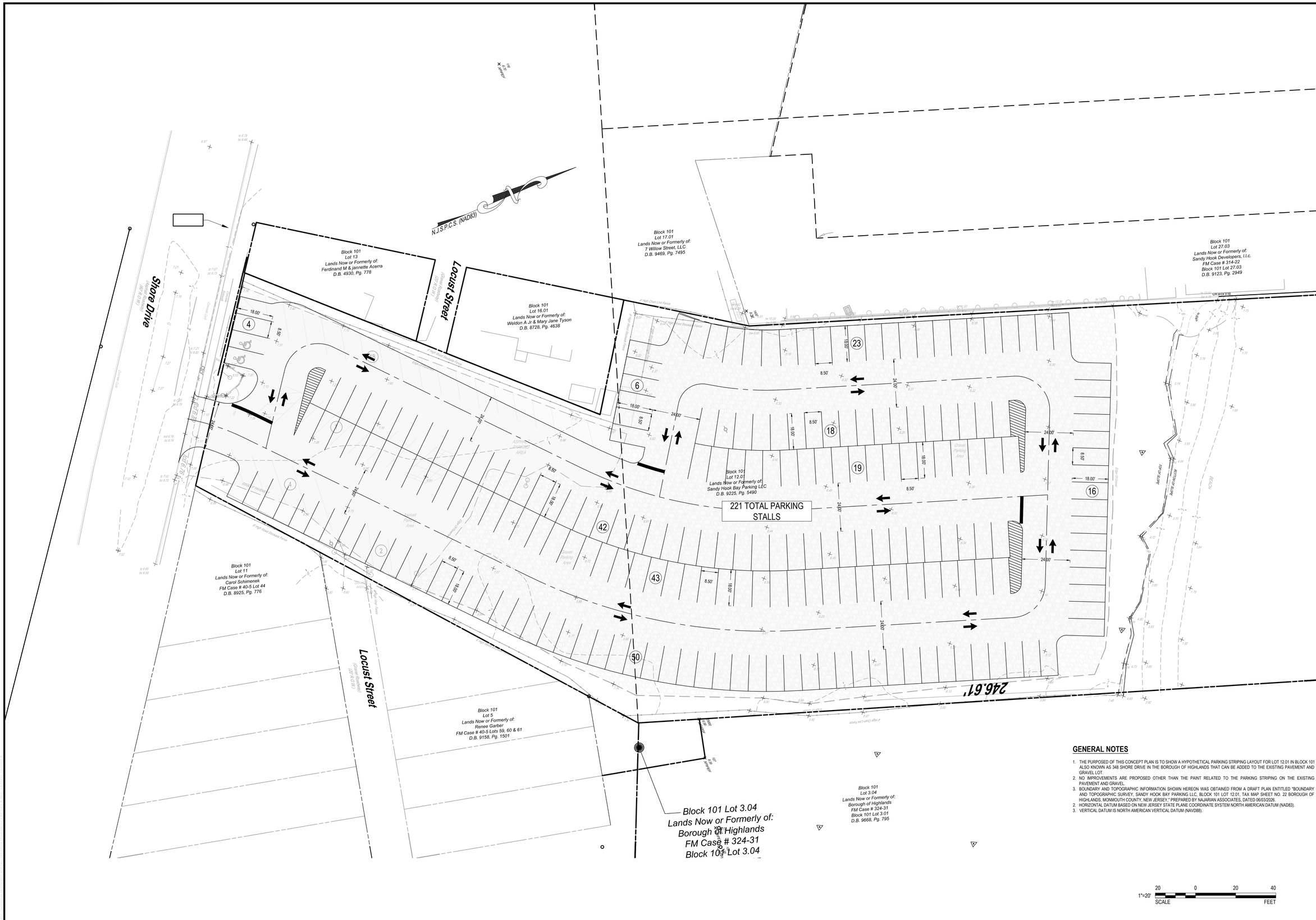

GENERAL NOTES

1. THE PURPOSED OF THIS CONCEPT PLAN IS TO SHOW A HYPOTHETICAL PARKING STRIPING LAYOUT FOR LOT 12.01 IN BLOCK 101 ALSO KNOWN AS 348 SHORE DRIVE IN THE BOROUGH OF HIGHLANDS THAT CAN BE ADDED TO THE EXISTING PAVEMENT AND GRAVEL LOT.
2. NO IMPROVEMENTS ARE PROPOSED OTHER THAN THE PAINT RELATED TO THE PARKING STRIPING ON THE EXISTING PAVEMENT AND GRAVEL.
3. BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN HEREON WAS OBTAINED FROM A DRAFT PLAN ENTITLED "BOUNDARY AND TOPOGRAPHIC SURVEY, SANDY HOOK BAY PARKING LLC, BLOCK 101 LOT 12.01, TAX MAP SHEET NO. 22 BOROUGH OF HIGHLANDS, MONMOUTH COUNTY, NEW JERSEY," PREPARED BY NAJARIAN ASSOCIATES, DATED 06/03/2026.
2. HORIZONTAL DATUM BASED ON NEW JERSEY STATE PLANE COORDINATE SYSTEM NORTH AMERICAN DATUM (NAD83).
3. VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM (NAVD88).

Najarian Associates
Professional Engineers, Land Surveyors & Planners - Scientists
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(732) 389-0220 - Facsimile No. (732) 389-8546
Certificate of Authorization Certificate # 24GA27993300

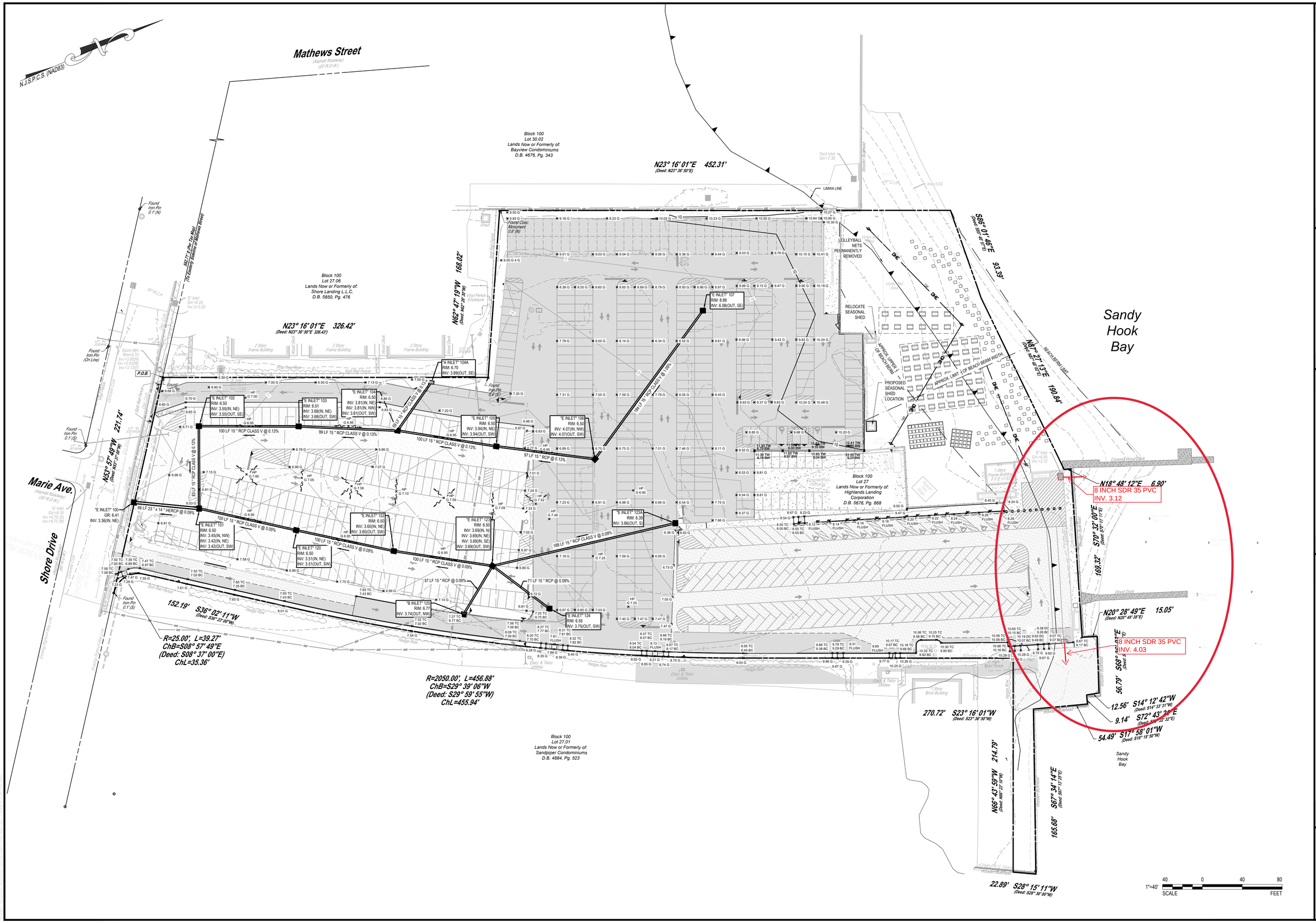
BRAD M. THOMPSON, P.E.
NJ PROFESSIONAL ENGINEER, LIC. No. 43675

REVISIONS

NO.	DATE	DESCRIPTION

CONCEPT A
SEASTREAK FERRY TERMINAL REPAVING PROJECT
FOR HIGHLANDS LANDING CORPORATION
MAJOR SITE PLAN
BLOCK 101, LOT 12.01
348 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NEW JERSEY TAX MAP # 22

JOB NO. 8407	
FILE NAME 8407-CONCEPT A.dwg	
DRAWN BMT	REVIEWED BMT
DATE 06/17/26	SCALE 1" = 20'
SHEET NO. 1 OF 1	



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REVISIONS

NO.	DATE	DESCRIPTION
1	2025-05-27	REVISED PER FSCD REVIEW
2	2025-05-29	REVISED LOTS PER NJDEP COMMENT
3	2025-06-27	REVISED PER TOWNSHIP COMMENT
4	2025-05-27	REVISED PER TOWNSHIP AND PUBLIC COMMENT
5	2026-06-05	REVISED PER TOWNSHIP COMMENT

GRADING, DRAINAGE & UTILITY PLAN
SEASTREAK FERRY TERMINAL REPAVING PROJECT
FOR HIGHLANDS LANDING CORPORATION
MAJOR SITE PLAN
BLOCK 100, LOT 27
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NEW JERSEY, TAX MAP # 19

JOB NO. 8407
FILE NAME 8407-GDU Plan.dwg
DRAWN ERI | REVIEWED BMT
DATE 04/22/25 | SCALE 1"=40'
SHEET NO. C-05
OF 13

STORMWATER MANAGEMENT REPORT

For a Proposed Repaving Project

Seastreak Ferry Terminal

Block 100, Lot 27
326 Shore Drive
Borough of Highlands
Monmouth County, New Jersey

Prepared for:

Highlands Landing Corporation

2 First Avenue
Atlantic Highlands, NJ 07716

Prepared by

Najarian Associates
Est. 1979
DESIGNED BY SCIENCE • ENGINEERED FOR RESULTS

One Industrial Way West
Building D, Suite H
Eatontown, NJ 07724

April 2025
Revised July 2025

STORMWATER MANAGEMENT REPORT

SEASTREAK FERRY TERMINAL

Block 100, Lot 27
326 Shore Drive
Borough of Highlands
Monmouth County, New Jersey

Prepared for

Highlands Landing Corporation
2 First Avenue

Prepared By:

Najarian Associates, Inc.
One Industrial Way West
Eatontown, NJ 07724

Job Number: 8407

July 10, 2025

Brad Thompson., P.E.
New Jersey Professional Engineer Number 49075

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APPENDIX B: Existing HydroCAD Input and Output Files

APPENDIX C: Proposed HydroCAD Input and Output Files

APPENDIX D: Groundwater Recharge Analysis

APPENDIX E: Drainage Piping System Analysis

APPENDIX F: Drainage Maps

1 INTRODUCTION

This report has been prepared to describe the stormwater drainage design for a proposed repaving project for Seastreak Ferry Terminal at 326 Shore Drive in the Highlands Borough. The purpose of this report is to demonstrate that the proposed improvements comply with the July 2023 NJDEP Stormwater Management Rules. Specific compliance with the rules is identified in Methodology Section 4 of this report.

The site is mostly paved in the existing condition and the overall impervious coverage is being reduced in the proposed condition. Additionally, great care was taken to ensure the slopes of the pavement and pipes would result in Times of Concentration (Tc) that matches the existing Tc times. Therefore, water quantity, water quality, and groundwater recharge requirements are satisfied just by the reduction in impervious. The proposed improvements also include a stormwater management system. This report proves through hydrologic and hydraulic calculations that the proposed conditions meet the NJDEP regulations referenced in Section 4.

1.1 Site Location and Existing Conditions

The Seastreak site is also known as Block 100, Lot 27 within Highlands Borough and is approximately 7.66 acres in size. The adjacent lots known as Block 100, Lots 27.04 and 27.05 are also owned by the applicant; however, there are no plans for development on those lots because they contain the actual ferry terminal and docks and there are no changes proposed to that existing use. Therefore, they are excluded from the application and this report.

The site is bounded by Shore Drive to the south, the Sandpiper condominiums to the southeast, the Sandy Hook Bay to the north, and existing Bayview condominiums to the northwest. The site is located within NJ Watershed Management Area No 12, also known as Raritan / Sandy Hook Bay tributaries. The location of the site is shown on the maps included in Appendix A.

The site is currently utilized as a parking lot for the Seastreak ferry, with approximately 740 existing parking spaces based on ariel images. The parking spaces are on a mixture of gravel and asphalt. Throughout the parking area, there are ten inlets to collect runoff, eight of which drain towards Shore Drive and two of which drain towards Sandy Hook Bay.

The site slopes from north to south directing most of the rainwater runoff towards Shore Drive. The water then travels through the stormwater conveyance system beneath the Borough roadways and ultimately flows to the Sandy Hook Bay. Any water that does not drain towards the conveyance system beneath the roadways, flows directly north into the Sandy Hook Bay. The highest elevation is just over 11 feet (NAVD 88) and is found centrally on the site, between the parking area and the beach area. The lowest elevation is approximately 5.5 feet and is found in the middle of the existing gravel parking area near Shore Drive. The low points with the gravel area near Shore Drive cause ponding to happen in multiple areas throughout the site during smaller storms.

2 EXISTING SITE CONDITIONS

The parking lot is not currently optimized for efficient circulation and maximum parking. The parking lot also experiences flooding at many of the existing parking spaces on the south side of the property. The main goals of the repaving project are to maximize parking spaces, provide efficient circulation, and to minimize the impact that flooding will have on the parking lot during smaller storm events.

The existing conditions are analyzed at two Points of Analysis based on the site topography and are described in detail below.

2.1 Point of Analysis 1

Point of Analysis 1 is located at an inlet along the southern limit of the existing parking lot and includes flows from Existing Drainage Area 1 (EDA 1) and encompasses an area of 271,157 SF (6.22 acres), which constitutes most of the parking area on the site. 93.6% of EDA 1 is impervious made up of mostly asphalt, gravel, and concrete. The drainage area drains from north to south towards Shore

Drive. There are eight existing inlets, most of which are concentrated on the southern half of the property. Of the eight inlets draining to the road, three have pipes that are back pitched, and one inlet is filled with debris. The existing inlets do not account for other low points on the property which result in localized ponding in those undrained areas.

2.2 Point of Analysis 2

Point of Analysis 2 is a point in the Sandy Hook Bay that includes flows from Existing Drainage Area 2 (EDA 2) and encompasses an area of 11,012 SF (0.25 acres). EDA 2 is in the northeast of the property and is entirely paved asphalt. EDA 2 flows to Point of Analysis 2 in the Sandy Hook Bay via two inlets.

2.3 Summary of Existing Conditions

Existing site conditions were used to establish Curve Numbers (CN) for the drainage areas. The site soils are identified in a subsequent section of the report in Table 4.1.The existing peak flows for the current and future 2-, 10-, and 100-year storms events for the site are given in Tables 2.5 and 2.6 for Points of Analysis 1 and 2. A plan entitled “Existing Drainage Area Plan” shows the existing drainage areas and times of concentration and is included in Appendix F. Weighted curve number calculations and time of concentration calculations are provided in the HydroCAD analysis in Appendix B.

Table 2.4 Existing Runoff Characteristics

Subbasin	Drainage Area (SF)	CN	Tc (min)
EDA-1 Impervious	253,844	98	9.1
EDA-1 Pervious	17,313	39	9.1
POA-1	271,157	94	9.1
EDA-2 Impervious	11,012	98	2.1
POA-2	11,012	98	2.1

Table 2.5 - Existing Current Peak Flows (CFS)			
	Storm Event		
	2-Year	10-Year	100-Year
Analysis Point 1	12.49	19.51	33.37
Analysis Point 2	0.82	1.28	2.18

Table 2.6 - Existing Future Peak Flows (CFS)			
	Storm Event		
	2-Year	10-Year	100-Year
Analysis Point 1	14.92	23.06	41.53
Analysis Point 2	0.98	1.51	2.70

3 PROPOSED SITE CONDITIONS

The project proposes the disturbance of ±4.88 acres of the existing Seastreak Ferry parking lot, with ±2.78 acres to remain undisturbed or milled and overlayed.

The proposed improvements result in a decrease in impervious cover, increasing the opportunity to recharge water into the ground while matching proposed TC's for each drainage area to the existing Tc's. The design for the proposed stormwater systems includes 15 new inlets on the southern half of the site. The two existing inlets draining to the Sandy Hook Bay will remain. A total of 17 inlets are used to address the issues identified in the existing conveyance system in Section 2 above.

3.1 Point of Analysis 1

Point of Analysis 1 includes flows from Proposed Drainage Area 1 (PDA 1), which encompasses an area of 271,157 SF (6.22 acres). The proposed improvements decrease the overall lot coverage from 83.5% to 82.0%. The reductions take place entirely within PDA 1, mainly from the western edge of the property. The entirety of the stormwater conveyance improvements take place in PDA 1 including 15 new inlets, with pipe slopes ranging from 0.09% to 1.09%. The slopes for the stormwater pipes were calculated with the goal of keeping the time of concentration the same as the predevelopment time of concentration. By making the slopes consistent the proposed system fixes the back-pitched pipe condition present in the existing condition and provides inlets at every low point across the drainage area.

3.2 Point of Analysis 2

There are no proposed changes to Tc or surface coverage in POA 2. The only improvements taking place are milling and overlaying of the existing pavement and a new sidewalk and curb in the same location as the old sidewalk that brings the pedestrian travel way into compliance with the latest ADA standards. The drainage pattern remains the same and will continue to drain water towards the Sandy Hook Bay.

3.3 Summary of Proposed Conditions

The site will continue to drain from the north edge of the property to the south but will now include a series of high and low points with inlets at the designed low points. The lowest elevation on site is being raised to elevation 6.41 (up from approximately elevation 5.5 in the existing condition) with most of the elevation change happening in the southern gravel parking area. The goal of the proposed grade change is to minimize the depth of flooding during smaller storm events.

A plan entitled “Proposed Drainage Area Plan” shows the proposed drainage areas and times of concentration; and is in Appendix F. Calculations for proposed times of concentration can be found in the proposed HydroCAD file in Appendix C. A summary of the proposed runoff characteristics is shown below in table 3.1.

Table 3.1 Proposed Runoff Characteristics

Subbasin	Drainage Area (SF)	CN	Tc (min)
PDA-1 Impervious	252,460	98	9.1
PDA-1 Pervious	18,697	39	9.1
POA-1	271,157	94	9.1
PDA-2 Impervious	11,012	98	2.1
POA-2	11,012	98	2.1

The hydrographs for the proposed conditions were then compared to those for the existing conditions. A summary of peak flows is included in Tables 3.2 and 3.3 and a comparison between existing and proposed peak flows is included in Tables 3.4 and 3.5 below.

Table 3.2 - Proposed Current Peak Flows (CFS)			
	Storm Event		
	2-Year	10-Year	100-Year
Analysis Point 1	12.42	19.40	33.21
Analysis Point 2	0.82	1.28	2.18

Table 3.3 - Proposed Future Peak Flows (CFS)			
	Storm Event		
	2-Year	10-Year	100-Year
Analysis Point 1	14.84	22.93	41.36
Analysis Point 2	0.98	1.51	2.70

TABLE 3.4 Proposed Current Peak Flow Analysis				
POINT OF ANALYSIS 1 (CFS)				
STORM EVENT	EXISTING	PROPOSED	DELTA	COMPLIES
2-year	12.49	12.42	-0.07	YES
10-year	19.51	19.40	-0.11	YES
100-year	33.37	33.21	-0.16	YES
POINT OF ANALYSIS 2 (CFS)				
STORM EVENT	EXISTING	PROPOSED	DELTA	COMPLIES
2-year	0.82	0.82	0	YES
10-year	1.28	1.28	0	YES
100-year	2.18	2.18	0	YES

TABLE 3.5 Proposed Future Peak Flow Analysis				
POINT OF ANALYSIS 1 (CFS)				
STORM EVENT	EXISTING	PROPOSED	DELTA	COMPLIES
2-year	14.92	14.84	-0.08	YES
10-year	23.06	22.93	-0.13	YES
100-year	41.53	41.36	-0.17	YES
POINT OF ANALYSIS 2 (CFS)				
STORM EVENT	EXISTING	PROPOSED	DELTA	COMPLIES
2-year	0.98	0.98	0	YES
10-year	1.51	1.51	0	YES
100-year	2.70	2.70	0	YES

Examination of the results shows that the peak flows are less in the proposed condition than in the peak condition for each drainage area. Closer examination of the hydrographs proves that the volume of stormwater runoff from the site is being reduced and that the post-construction runoff hydrographs for the current and projected 2-, 10-, and 100-year storm events do not exceed, at any point in time, the pre-construction runoff hydrographs for the same storm events.

4 METHODOLOGY

This report demonstrates through hydrologic and hydraulic analysis that the proposed improvements comply with the July 2023 NJDEP Stormwater Management Rules, specifically:

1. NJAC 7:8-5.6(b)1, which requires the demonstration through hydrologic and hydraulic analysis that for stormwater leaving the site, post-construction runoff hydrographs for the current and projected two-, 10-, and 100-year storm events, as defined and determined pursuant to N.J.A.C. 7:8-5.7(c) and (d), respectively,

do not exceed, at any point in time, the pre-construction runoff hydrographs for the same storm events;

The soil data for the site were determined from the NRCS web soil survey and from review of the existing site conditions. The soil on the site is shown in Appendix A. The soil as mapped by the NRCS is entirely Urban land with 0 to 2 percent slopes. Table 4.1 presents the predominate soil type present on the site, as per the NRCS Web Soils Survey maps with corresponding hydrologic soil groups.

Table 4.1 Soil Properties – Portion of Site to be Developed

Symbol	Soil Name	Percent of Site	Hydrologic Soil Group
USKLEA	Urban land-Klej complex, 0 to 2 percent slopes	100%	A/D

In its existing state, the site is predominately asphalt, gravel and concrete that is being used as a parking area for the ferry and a smaller area of beach front which is all sand. There are also a few associated structures that are used for the operations of the ferry and food trucks. The hydrologic soil group used in the models is A due to the high presence of sand across the site.

The time of concentration (Tc) is defined as the time required for runoff to travel from the most hydrologically distant point in the subbasin to the point at which the hydrographs are being computed. Times of concentration are calculated using the methods described in the TR-55, and are dependent upon surface type, flow length, and gradient of the flow path. The time of concentration for the proposed development was closely calculated to match that of the existing conditions. Specifically, pipe slopes were chosen in the design to ensure that the times of concentration were the same between the existing and proposed conditions to ensure compliance with Section 7:8-5.6(b)1.

The NOAA Atlas 14, 24hr, Storm Curve “D” Rainfall Distribution was used to describe the rainfall event for this analysis. The DelMarVa dimensionless unit hydrograph has been used to calculate design flood flow from the design storm. The total precipitation used for

each of the storms analyzed was obtained from NOAA Atlas 14. The precipitation values were then multiplied by the adjustment factors shown on Table 5-5 and 5-6 of the NJDEP BMP manual for the current storms and future storms, respectively. The adjusted precipitation values are in table 4.2 and 4.3 below:

Table 4.2 Frequency/Precipitation Relationship – Current Storms	
Storm Frequency (years)	24-hr Precipitation (inches)
Water Quality	1.25*
2	3.31
10	5.13
100	8.73

* 2-hr stormwater quality design storm

Table 4.3 Frequency/Precipitation Relationship – Future Storms	
Storm Frequency (years)	24-hr Precipitation (inches)
Water Quality	1.25*
2	3.94
10	6.05
100	10.79

* 2-hr stormwater quality design storm

4.1 Analysis of Water Quality Control Requirements

The NJDEP BMP manual also requires water quality control for stormwater discharge from new impervious surfaces. No new additional impervious surface is proposed. The proposed improvements result in a decrease in impervious cover resulting in a decrease in runoff flows and TSS rates when compared to the existing conditions. Therefore, additional water quality control is not required or proposed for the improvements.

5 GROUNDWATER RECHARGE

The NJDEP Stormwater Management Rules, Design and Performance Standards (NJAC 7:8, Subchapter 5) require that recharge be managed by either maintaining 100% of the existing average annual groundwater recharge or by infiltrating 100% of the proposed 2-year storm.

Impervious surface is being reduced in the proposed conditions. Therefore, an increase in recharge will naturally occur when compared to the existing condition. Attached in Appendix “D” are the groundwater recharge calculations demonstrating that groundwater recharge requirements are met.

6 STORMWATER DRAINAGE PIPING SYSTEM ANALYSIS

The design of the stormwater piping system was accomplished through the Natural Resources Conservation Service (NRCS) method. The method establishes a Curve Number (CN) for the site by evaluating the site’s drainage areas, soil types and land use. Drainage areas are established in the plan entitled "Inlet Drainage Area Map” in Appendix F. Soil types are listed in Table 4.1.

Appendix C contains the runoff coefficient calculations and the time of concentration calculations. The detailed drainage calculations and resulting pipe design are shown in Appendix E. The locations of the piping system are shown on the plan entitled "Grading, Drainage, and Utility Plan," prepared by Najarian Associates, April 2025. The piping system was designed to reduce the impact that 2-year storm had on the site. Due to the site being near a tidal water body, the piping system has multiple areas on the site flooding above six inches. The proposed system continues to have inlets flooding as a result of the 2-year storm, with only one inlet flooding above six inches.

7 CONCLUSIONS

In conclusion, the improvements proposed will meet stormwater quantity, quality, and recharge requirements of the NJDEP as described in (N.J.A.C. 7:8-1.1 et. seq.) for a major development. Impervious coverage is being reduced, drainage patterns are remaining the same, and piping is being improved to reduce flooding to the site and surrounding infrastructure during smaller storms. ADA improvements have also been proposed to bring the site into compliance with the latest ADA guidelines.

R E F E R E N C E S

1. Brater, F.B. and H.W. King, Handbook of Hydraulics, McGraw-Hill Book Company, 1976.

2. New Jersey Department of Agriculture, Standards for Soil Erosion and Sediment Control in New Jersey, 2014 rev. 2017.

3. New Jersey Department of Environmental Protection (NJDEP), New Jersey Stormwater Best Management Practices Manual, 2004 and updated through 2021 Chapters; https://www.njstormwater.org/bmp_manual2.htm.

4. New Jersey Department of Environmental Protection (NJDEP), Technical Manual Flood Hazard Area Control Act Rules 7:13, 2018.

5. U.S. Department of Agriculture, Soil Conservation Service, National Engineering Handbook, Section 4 - Hydrology, August 1972.

6. U.S. Department of Agriculture, Soil Conservation Service, Urban Hydrology for Small Watersheds, Technical Release Number 55, January 1986.

7. United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey. http://websoilsurvey.sc.egov.usda.gov/. Accessed May 2020

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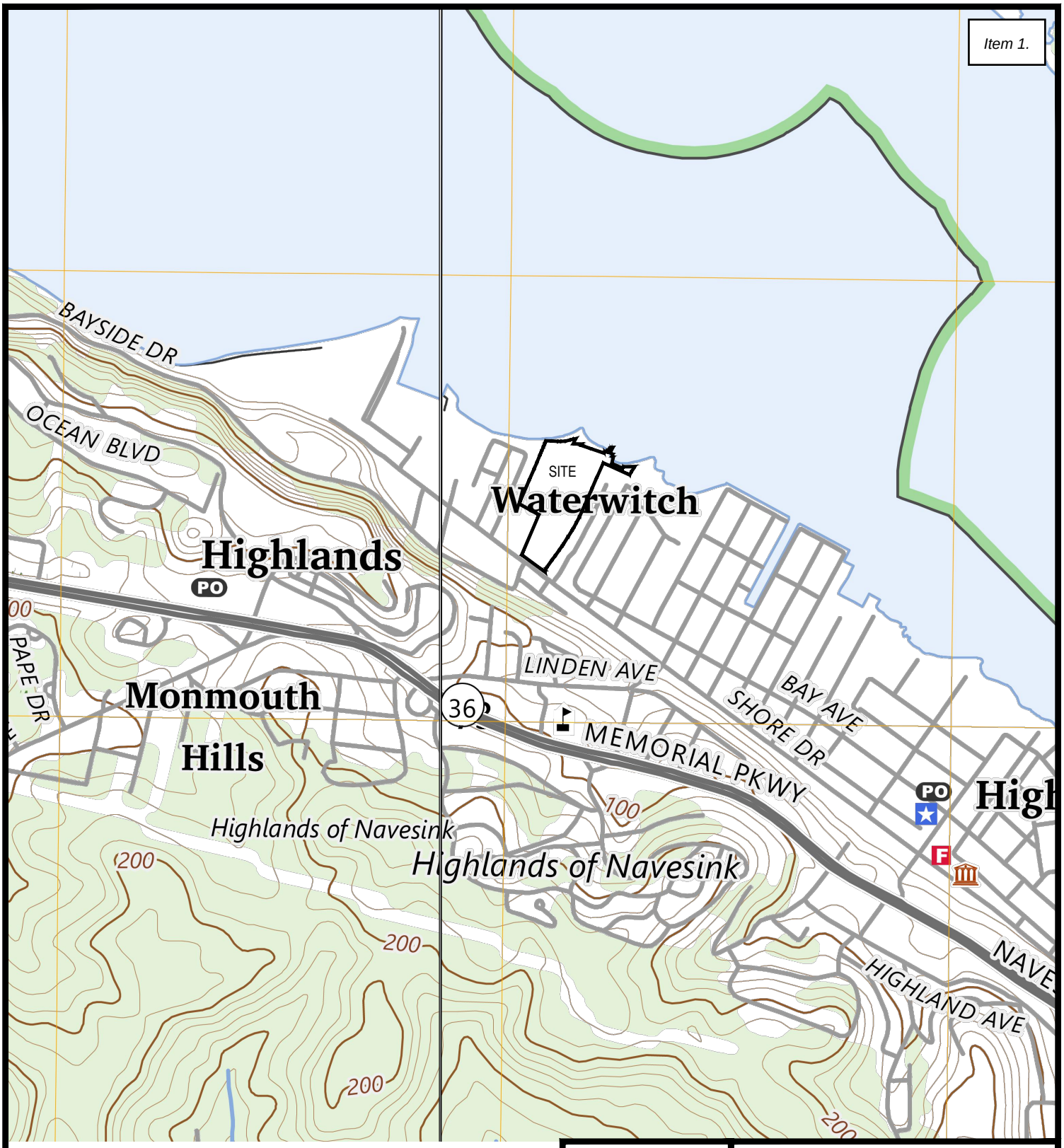
Appendix A

General Design Information



SOURCE:
USGS QUAD
SANDY HOOK EAST AND WEST

SITE LOCATION

BLOCK 100, LOT 27, TAX MAP 19
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NJ

Najarian Associates
Est. 1979
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Certificate of Authorization Certificate # 24GA27993300

DRAWN	REVIEWED	SCALE	DATE	JOB NO.	SHEET
ERI	BMT	1"=1000'	4-25-25	8407	1

Last Edited: 7/29/2024 12:57 PM By: eindelicato
Y:\8407 - Seastreak Highlands\Documents\Due Diligence\USGS MAP.dwg LAYOUT: Layout1

Hydrologic Soil Group—Monmouth County, New Jersey
(Seastreak)

Map Scale: 1:4,340 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 50 100 200 300

Feet: 0 200 400 800 1200

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Rating Polygons

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Lines

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Points

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Water Features

Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Monmouth County, New Jersey
Survey Area Data: Version 17, Aug 29, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 9, 2022—Oct 16, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
PhbE	Phalanx loamy sand, 10 to 25 percent slopes	A	4.1	10.8%
USKLEA	Urban land-Klej complex, 0 to 2 percent slopes		26.5	70.3%
WATER	Water		7.1	18.9%
Totals for Area of Interest			**37.8**	**100.0%**

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Item 1.

NOAA Atlas 14, Volume 2, Version 3
Location name: Highlands, New Jersey, USA*
Latitude: 40.4087°, Longitude: -73.9965°
Elevation: 9 ft**
* source: ESRI Maps
** source: USGS

POINT PRECIPITATION FREQUENCY ESTIMATES

G.M. Bonnin, D. Martin, B. Lin, T. Parzybok, M.Yekta, and D. Riley

NOAA, National Weather Service, Silver Spring, Maryland

PF_tabular | PF_graphical | Maps_&_aerials

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches)[1]

Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	0.342 (0.311-0.378)	0.409 (0.371-0.451)	0.484 (0.438-0.535)	0.540 (0.488-0.597)	0.612 (0.550-0.676)	0.663 (0.591-0.731)	0.714 (0.633-0.790)	0.761 (0.670-0.844)	0.822 (0.714-0.917)	0.869 (0.748-0.974)
10-min	0.546 (0.495-0.602)	0.654 (0.593-0.722)	0.775 (0.702-0.857)	0.864 (0.780-0.954)	0.972 (0.872-1.07)	1.05 (0.938-1.16)	1.13 (1.00-1.25)	1.20 (1.06-1.33)	1.29 (1.12-1.44)	1.36 (1.17-1.53)
15-min	0.682 (0.619-0.752)	0.820 (0.743-0.904)	0.977 (0.885-1.08)	1.09 (0.983-1.20)	1.23 (1.10-1.36)	1.33 (1.18-1.47)	1.42 (1.26-1.58)	1.51 (1.33-1.68)	1.62 (1.41-1.81)	1.70 (1.47-1.91)
30-min	0.932 (0.846-1.03)	1.13 (1.02-1.25)	1.38 (1.25-1.53)	1.57 (1.42-1.74)	1.81 (1.63-2.00)	1.99 (1.78-2.20)	2.17 (1.93-2.40)	2.35 (2.07-2.60)	2.58 (2.24-2.88)	2.75 (2.37-3.08)
60-min	1.16 (1.05-1.28)	1.42 (1.28-1.56)	1.77 (1.61-1.96)	2.05 (1.85-2.26)	2.41 (2.16-2.66)	2.69 (2.40-2.97)	2.99 (2.65-3.30)	3.28 (2.89-3.64)	3.68 (3.20-4.11)	4.00 (3.45-4.49)
2-hr	1.44 (1.30-1.60)	1.76 (1.59-1.95)	2.22 (2.01-2.47)	2.58 (2.32-2.86)	3.08 (2.75-3.41)	3.48 (3.10-3.86)	3.90 (3.44-4.34)	4.34 (3.80-4.84)	4.96 (4.28-5.55)	5.45 (4.66-6.14)
3-hr	1.59 (1.44-1.77)	1.94 (1.76-2.16)	2.46 (2.23-2.74)	2.86 (2.58-3.18)	3.43 (3.07-3.81)	3.90 (3.46-4.32)	4.38 (3.86-4.86)	4.89 (4.27-5.44)	5.61 (4.83-6.27)	6.19 (5.26-6.96)
6-hr	2.03 (1.83-2.26)	2.47 (2.23-2.74)	3.11 (2.80-3.45)	3.62 (3.26-4.01)	4.36 (3.89-4.82)	4.97 (4.40-5.50)	5.62 (4.93-6.23)	6.32 (5.48-7.01)	7.31 (6.24-8.16)	8.12 (6.86-9.11)
12-hr	2.47 (2.24-2.74)	3.00 (2.72-3.32)	3.80 (3.43-4.20)	4.46 (4.01-4.92)	5.43 (4.84-5.98)	6.26 (5.54-6.89)	7.15 (6.25-7.88)	8.12 (7.01-8.98)	9.56 (8.10-10.6)	10.8 (8.98-12.0)
24-hr	2.73 (2.50-2.99)	3.31 (3.03-3.63)	4.26 (3.90-4.67)	5.08 (4.63-5.55)	6.30 (5.71-6.86)	7.37 (6.62-8.00)	8.56 (7.63-9.28)	9.90 (8.73-10.7)	11.9 (10.3-12.9)	13.6 (11.7-14.8)
2-day	3.27 (2.98-3.62)	3.97 (3.62-4.39)	5.09 (4.63-5.62)	6.04 (5.47-6.66)	7.46 (6.71-8.22)	8.68 (7.76-9.56)	10.0 (8.90-11.0)	11.5 (10.1-12.7)	13.8 (11.9-15.2)	15.7 (13.4-17.4)
3-day	3.46 (3.17-3.80)	4.20 (3.84-4.61)	5.36 (4.90-5.88)	6.35 (5.79-6.96)	7.81 (7.07-8.55)	9.06 (8.15-9.91)	10.4 (9.32-11.4)	11.9 (10.6-13.1)	14.2 (12.4-15.6)	16.1 (13.9-17.8)
4-day	3.65 (3.36-3.99)	4.42 (4.07-4.83)	5.64 (5.18-6.15)	6.66 (6.10-7.25)	8.16 (7.44-8.88)	9.44 (8.55-10.3)	10.8 (9.74-11.8)	12.4 (11.0-13.5)	14.7 (12.9-16.0)	16.6 (14.4-18.2)
7-day	4.22 (3.90-4.57)	5.08 (4.70-5.50)	6.37 (5.88-6.89)	7.44 (6.87-8.04)	9.00 (8.27-9.72)	10.3 (9.42-11.1)	11.7 (10.6-12.7)	13.3 (11.9-14.4)	15.5 (13.8-16.9)	17.4 (15.3-19.0)
10-day	4.74 (4.43-5.10)	5.68 (5.30-6.10)	7.02 (6.54-7.54)	8.12 (7.55-8.72)	9.70 (8.98-10.4)	11.0 (10.1-11.8)	12.4 (11.4-13.3)	13.9 (12.6-15.0)	16.1 (14.4-17.4)	17.9 (15.9-19.4)
20-day	6.39 (6.02-6.80)	7.60 (7.15-8.08)	9.11 (8.57-9.68)	10.3 (9.69-11.0)	12.0 (11.2-12.7)	13.3 (12.4-14.1)	14.6 (13.5-15.5)	16.0 (14.7-17.0)	17.8 (16.3-19.0)	19.3 (17.5-20.6)
30-day	7.95 (7.54-8.41)	9.40 (8.91-9.94)	11.1 (10.5-11.7)	12.4 (11.7-13.1)	14.1 (13.3-14.9)	15.4 (14.5-16.3)	16.7 (15.7-17.7)	18.0 (16.8-19.1)	19.7 (18.3-21.0)	21.0 (19.4-22.4)
45-day	10.1 (9.58-10.6)	11.9 (11.3-12.5)	13.8 (13.1-14.5)	15.3 (14.5-16.0)	17.1 (16.2-18.0)	18.6 (17.5-19.6)	20.0 (18.8-21.0)	21.3 (20.0-22.5)	23.0 (21.5-24.4)	24.3 (22.5-25.8)
60-day	12.1 (11.5-12.7)	14.2 (13.5-14.9)	16.3 (15.5-17.1)	17.8 (16.9-18.7)	19.8 (18.8-20.8)	21.2 (20.1-22.3)	22.6 (21.4-23.8)	23.9 (22.6-25.2)	25.5 (24.0-26.9)	26.7 (25.0-28.2)

[1] Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.

Please refer to NOAA Atlas 14 document for more information.

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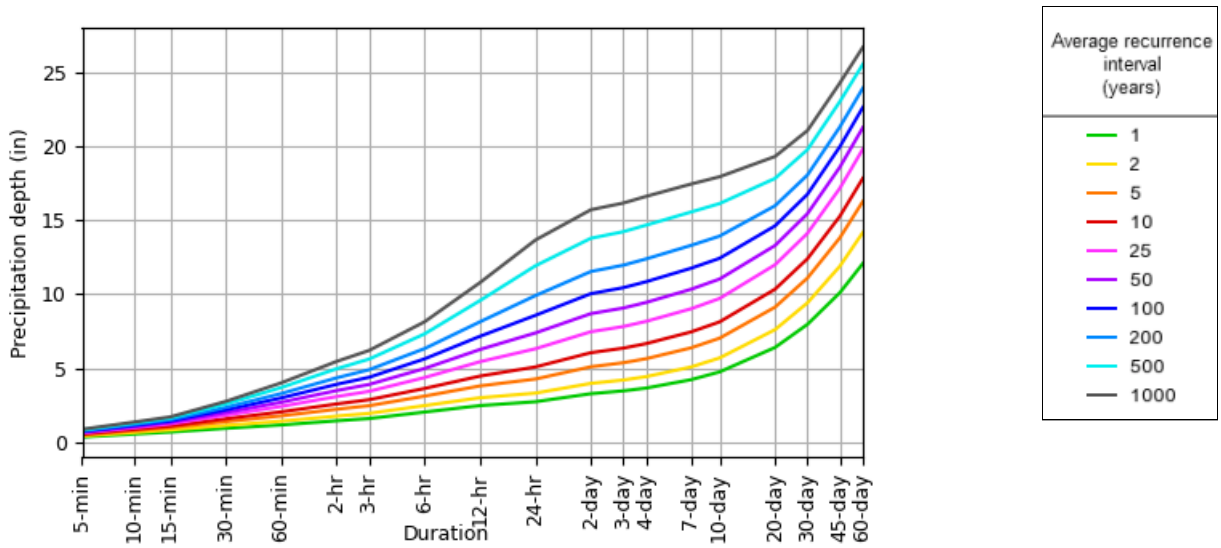
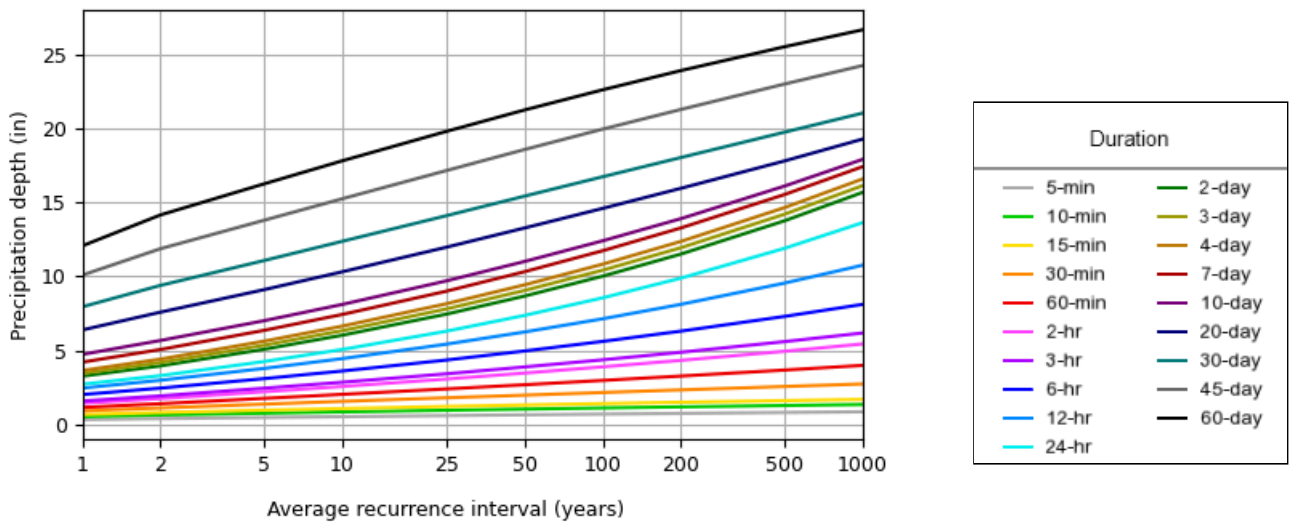
PF graphical

Item 1.

PDS-based depth-duration-frequency (DDF) curves
Latitude: 40.4087°, Longitude: -73.9965°





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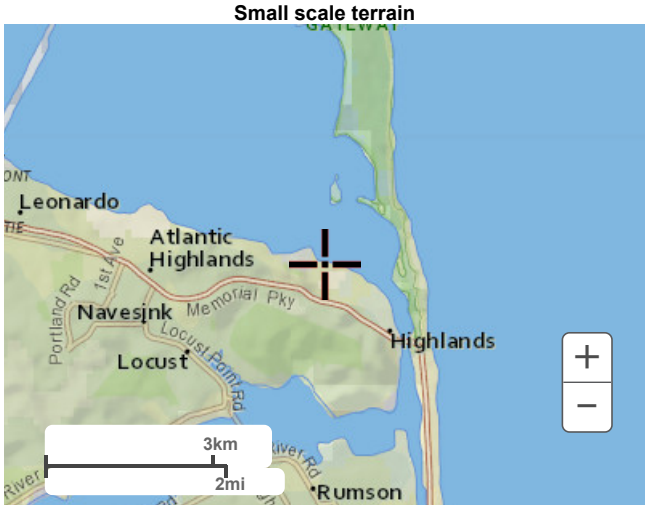
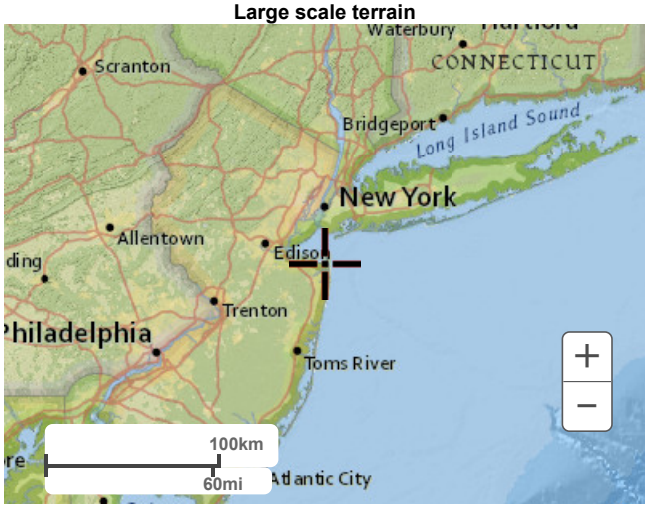
Maps & aerials

Small scale terrain



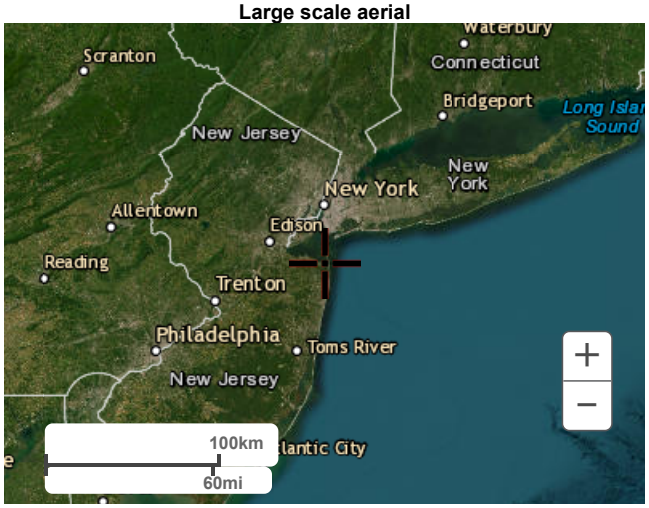
Item 1.

Large scale terrain



Large scale map

Large scale aerial



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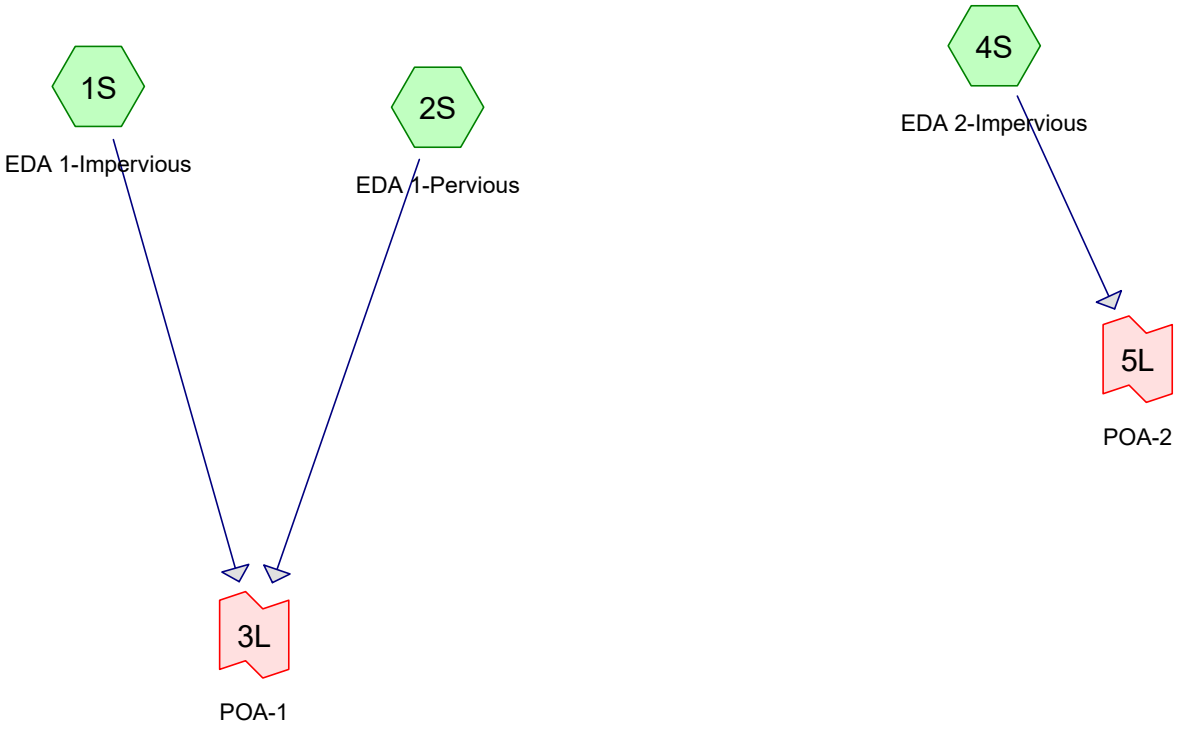
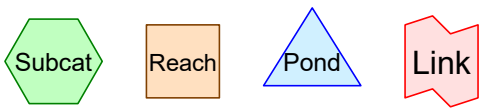
US Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service
National Water Center
1325 East West Highway
Silver Spring, MD 20910
Questions?: HDSC.Questions@noaa.gov

Disclaimer

Appendix B

Existing HydroCAD Input and Output File





Routing Diagram for 8407-Drainage Areas
Prepared by Najarian Associates, Printed 7/10/2025
HydroCAD® 10.20-5b s/n 08766 © 2023 HydroCAD Software Solutions LLC

Rainfall Events Listing (selected events)

Event#	Event Name	Storm Type	Curve	Mode	Duration (hours)	B/B	Depth (inches)	AMC
1	2-YR CURRENT	NOAA 24-hr	D	Default	24.00	1	3.31	2
2	2-YR FUTURE	NOAA 24-hr	D	Default	24.00	1	3.94	2
3	10-YR CURRENT	NOAA 24-hr	D	Default	24.00	1	5.13	2
4	10-YR FUTURE	NOAA 24-hr	D	Default	24.00	1	6.05	2
5	100-YR CURRENT	NOAA 24-hr	D	Default	24.00	1	8.73	2
6	100-YR FUTURE	NOAA 24-hr	D	Default	24.00	1	10.79	2

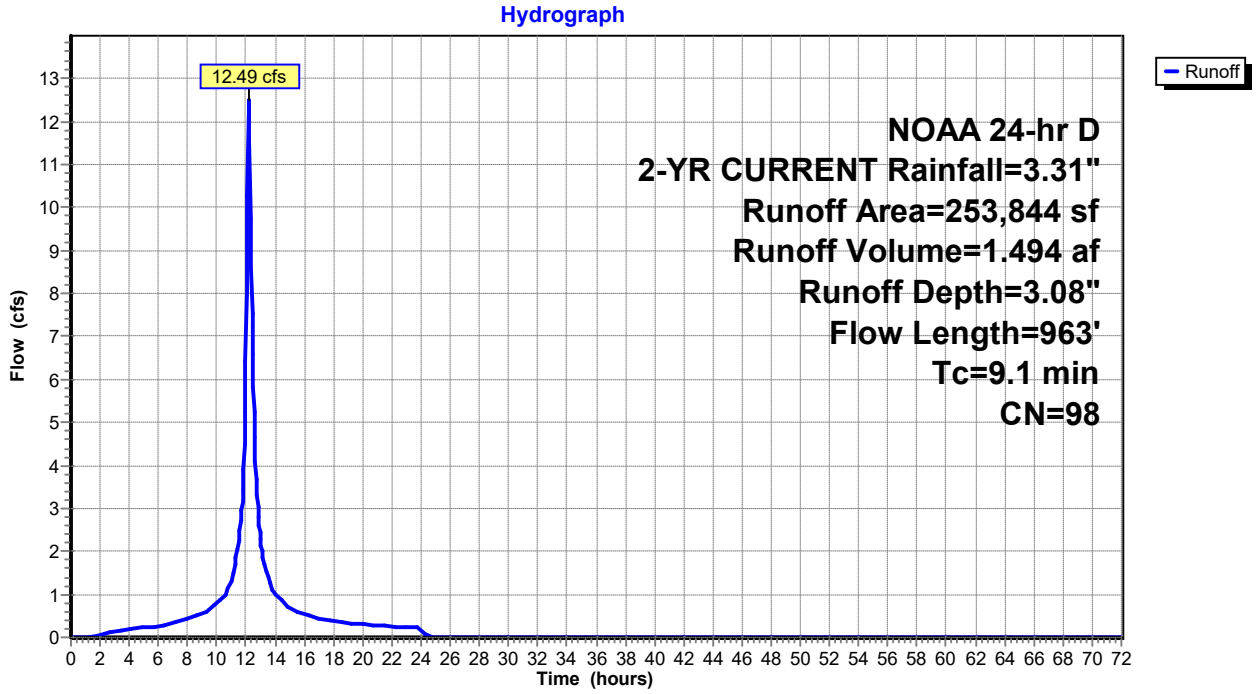
Area Listing (selected nodes)

Area (acres)	CN	Description (subcatchment-numbers)
0.397	39	>75% Grass cover, Good, HSG A (2S)
6.080	98	Paved parking, HSG A (1S, 4S)
6.478	**94**	**TOTAL AREA**

Ground Covers (selected nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.397	0.000	0.000	0.000	0.000	0.397	>75% Grass cover, Good	2S
6.080	0.000	0.000	0.000	0.000	6.080	Paved parking	1S, 4S
6.478	**0.000**	**0.000**	**0.000**	**0.000**	**6.478**	**TOTAL AREA**	

Subcatchment 1S: EDA 1-Impervious



Hydrograph for Subcatchment 1S: EDA 1-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.27	0.12	0.25
0.10	0.00	0.00	0.00	5.80	0.27	0.12	0.25
0.20	0.01	0.00	0.00	5.90	0.28	0.13	0.26
0.30	0.01	0.00	0.00	6.00	0.28	0.13	0.26
0.40	0.01	0.00	0.00	6.10	0.29	0.14	0.27
0.50	0.02	0.00	0.00	6.20	0.29	0.14	0.27
0.60	0.02	0.00	0.00	6.30	0.30	0.15	0.28
0.70	0.03	0.00	0.00	6.40	0.31	0.15	0.29
0.80	0.03	0.00	0.00	6.50	0.31	0.16	0.30
0.90	0.03	0.00	0.00	6.60	0.32	0.16	0.31
1.00	0.04	0.00	0.00	6.70	0.33	0.17	0.31
1.10	0.04	0.00	0.00	6.80	0.33	0.17	0.32
1.20	0.05	0.00	0.00	6.90	0.34	0.18	0.33
1.30	0.05	0.00	0.01	7.00	0.35	0.19	0.34
1.40	0.05	0.00	0.01	7.10	0.36	0.19	0.35
1.50	0.06	0.00	0.02	7.20	0.36	0.20	0.36
1.60	0.06	0.00	0.03	7.30	0.37	0.20	0.37
1.70	0.07	0.00	0.03	7.40	0.38	0.21	0.38
1.80	0.07	0.00	0.04	7.50	0.39	0.22	0.39
1.90	0.08	0.00	0.05	7.60	0.40	0.23	0.40
2.00	0.08	0.01	0.06	7.70	0.40	0.23	0.41
2.10	0.08	0.01	0.06	7.80	0.41	0.24	0.42
2.20	0.09	0.01	0.07	7.90	0.42	0.25	0.43
2.30	0.09	0.01	0.08	8.00	0.43	0.25	0.43
2.40	0.10	0.01	0.09	8.10	0.44	0.26	0.44
2.50	0.10	0.01	0.09	8.20	0.45	0.27	0.45
2.60	0.11	0.02	0.10	8.30	0.46	0.28	0.46
2.70	0.11	0.02	0.11	8.40	0.47	0.29	0.47
2.80	0.12	0.02	0.11	8.50	0.48	0.30	0.48
2.90	0.12	0.02	0.12	8.60	0.49	0.30	0.49
3.00	0.12	0.02	0.12	8.70	0.49	0.31	0.50
3.10	0.13	0.03	0.13	8.80	0.50	0.32	0.51
3.20	0.13	0.03	0.14	8.90	0.51	0.33	0.52
3.30	0.14	0.03	0.14	9.00	0.53	0.34	0.53
3.40	0.14	0.03	0.15	9.10	0.54	0.35	0.54
3.50	0.15	0.04	0.15	9.20	0.55	0.36	0.56
3.60	0.15	0.04	0.16	9.30	0.56	0.37	0.59
3.70	0.16	0.04	0.16	9.40	0.57	0.38	0.61
3.80	0.16	0.05	0.17	9.50	0.58	0.39	0.64
3.90	0.17	0.05	0.17	9.60	0.60	0.41	0.67
4.00	0.17	0.05	0.18	9.70	0.61	0.42	0.70
4.10	0.18	0.06	0.18	9.80	0.63	0.43	0.73
4.20	0.18	0.06	0.19	9.90	0.64	0.45	0.76
4.30	0.19	0.06	0.19	10.00	0.66	0.46	0.79
4.40	0.19	0.07	0.20	10.10	0.67	0.48	0.83
4.50	0.20	0.07	0.20	10.20	0.69	0.49	0.86
4.60	0.20	0.07	0.21	10.30	0.71	0.51	0.89
4.70	0.21	0.08	0.21	10.40	0.72	0.53	0.92
4.80	0.22	0.08	0.21	10.50	0.74	0.54	0.95
4.90	0.22	0.08	0.22	10.60	0.76	0.56	0.99
5.00	0.23	0.09	0.22	10.70	0.78	0.58	1.07
5.10	0.23	0.09	0.23	10.80	0.81	0.61	1.16
5.20	0.24	0.10	0.23	10.90	0.83	0.63	1.26
5.30	0.24	0.10	0.23	11.00	0.86	0.66	1.36
5.40	0.25	0.10	0.24	11.10	0.89	0.69	1.48
5.50	0.25	0.11	0.24	11.20	0.93	0.72	1.64
5.60	0.26	0.11	0.25	11.30	0.96	0.76	1.81

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.00	0.80	1.99	17.10	2.97	2.74	0.44
11.50	1.05	0.84	2.18	17.20	2.98	2.74	0.43
11.60	1.11	0.90	2.50	17.30	2.98	2.75	0.42
11.70	1.17	0.96	2.94	17.40	2.99	2.76	0.42
11.80	1.26	1.04	3.48	17.50	3.00	2.76	0.41
11.90	1.38	1.16	4.48	17.60	3.00	2.77	0.40
12.00	1.59	1.36	6.44	17.70	3.01	2.78	0.39
12.10	1.93	1.71	**10.27**	17.80	3.02	2.78	0.38
12.20	2.05	1.83	**12.24**	17.90	3.02	2.79	0.37
12.30	2.14	1.91	9.75	18.00	3.03	2.80	0.36
12.40	2.20	1.97	7.52	18.10	3.03	2.80	0.36
12.50	2.26	2.03	5.85	18.20	3.04	2.81	0.35
12.60	2.31	2.08	4.65	18.30	3.04	2.81	0.34
12.70	2.35	2.12	3.66	18.40	3.05	2.82	0.34
12.80	2.38	2.16	3.02	18.50	3.06	2.82	0.34
12.90	2.42	2.19	2.60	18.60	3.06	2.83	0.33
13.00	2.45	2.22	2.28	18.70	3.07	2.84	0.33
13.10	2.48	2.25	2.01	18.80	3.07	2.84	0.33
13.20	2.50	2.27	1.81	18.90	3.08	2.85	0.33
13.30	2.53	2.30	1.65	19.00	3.08	2.85	0.32
13.40	2.55	2.32	1.51	19.10	3.09	2.86	0.32
13.50	2.57	2.34	1.38	19.20	3.09	2.86	0.32
13.60	2.59	2.36	1.27	19.30	3.10	2.87	0.32
13.70	2.60	2.37	1.17	19.40	3.11	2.87	0.32
13.80	2.62	2.39	1.10	19.50	3.11	2.88	0.31
13.90	2.64	2.41	1.04	19.60	3.12	2.88	0.31
14.00	2.65	2.42	1.00	19.70	3.12	2.89	0.31
14.10	2.67	2.44	0.96	19.80	3.13	2.89	0.31
14.20	2.68	2.45	0.93	19.90	3.13	2.90	0.30
14.30	2.70	2.47	0.90	20.00	3.14	2.90	0.30
14.40	2.71	2.48	0.87	20.10	3.14	2.91	0.30
14.50	2.73	2.50	0.84	20.20	3.15	2.91	0.30
14.60	2.74	2.51	0.81	20.30	3.15	2.92	0.30
14.70	2.75	2.52	0.78	20.40	3.16	2.92	0.29
14.80	2.76	2.53	0.75	20.50	3.16	2.93	0.29
14.90	2.77	2.54	0.72	20.60	3.17	2.93	0.29
15.00	2.78	2.55	0.68	20.70	3.17	2.94	0.29
15.10	2.80	2.56	0.65	20.80	3.18	2.94	0.29
15.20	2.81	2.57	0.63	20.90	3.18	2.95	0.28
15.30	2.82	2.58	0.61	21.00	3.19	2.95	0.28
15.40	2.82	2.59	0.59	21.10	3.19	2.96	0.28
15.50	2.83	2.60	0.58	21.20	3.19	2.96	0.28
15.60	2.84	2.61	0.57	21.30	3.20	2.97	0.27
15.70	2.85	2.62	0.56	21.40	3.20	2.97	0.27
15.80	2.86	2.63	0.55	21.50	3.21	2.98	0.27
15.90	2.87	2.64	0.54	21.60	3.21	2.98	0.27
16.00	2.88	2.65	0.54	21.70	3.22	2.98	0.27
16.10	2.89	2.66	0.53	21.80	3.22	2.99	0.26
16.20	2.90	2.67	0.52	21.90	3.23	2.99	0.26
16.30	2.91	2.67	0.51	22.00	3.23	3.00	0.26
16.40	2.91	2.68	0.50	22.10	3.23	3.00	0.26
16.50	2.92	2.69	0.49	22.20	3.24	3.01	0.25
16.60	2.93	2.70	0.48	22.30	3.24	3.01	0.25
16.70	2.94	2.71	0.48	22.40	3.25	3.01	0.25
16.80	2.95	2.71	0.47	22.50	3.25	3.02	0.25
16.90	2.95	2.72	0.46	22.60	3.26	3.02	0.25
17.00	2.96	2.73	0.45	22.70	3.26	3.03	0.24

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	3.26	3.03	0.24	28.50	3.31	3.08	0.00
22.90	3.27	3.04	0.24	28.60	3.31	3.08	0.00
23.00	3.27	3.04	0.24	28.70	3.31	3.08	0.00
23.10	3.28	3.04	0.24	28.80	3.31	3.08	0.00
23.20	3.28	3.05	0.23	28.90	3.31	3.08	0.00
23.30	3.28	3.05	0.23	29.00	3.31	3.08	0.00
23.40	3.29	3.05	0.23	29.10	3.31	3.08	0.00
23.50	3.29	3.06	0.23	29.20	3.31	3.08	0.00
23.60	3.30	3.06	0.22	29.30	3.31	3.08	0.00
23.70	3.30	3.07	0.22	29.40	3.31	3.08	0.00
23.80	3.30	3.07	0.22	29.50	3.31	3.08	0.00
23.90	3.31	3.07	0.22	29.60	3.31	3.08	0.00
24.00	**3.31**	**3.08**	0.22	29.70	3.31	3.08	0.00
24.10	3.31	3.08	0.18	29.80	3.31	3.08	0.00
24.20	3.31	3.08	0.10	29.90	3.31	3.08	0.00
24.30	3.31	3.08	0.06	30.00	3.31	3.08	0.00
24.40	3.31	3.08	0.03	30.10	3.31	3.08	0.00
24.50	3.31	3.08	0.02	30.20	3.31	3.08	0.00
24.60	3.31	3.08	0.01	30.30	3.31	3.08	0.00
24.70	3.31	3.08	0.00	30.40	3.31	3.08	0.00
24.80	3.31	3.08	0.00	30.50	3.31	3.08	0.00
24.90	3.31	3.08	0.00	30.60	3.31	3.08	0.00
25.00	3.31	3.08	0.00	30.70	3.31	3.08	0.00
25.10	3.31	3.08	0.00	30.80	3.31	3.08	0.00
25.20	3.31	3.08	0.00	30.90	3.31	3.08	0.00
25.30	3.31	3.08	0.00	31.00	3.31	3.08	0.00
25.40	3.31	3.08	0.00	31.10	3.31	3.08	0.00
25.50	3.31	3.08	0.00	31.20	3.31	3.08	0.00
25.60	3.31	3.08	0.00	31.30	3.31	3.08	0.00
25.70	3.31	3.08	0.00	31.40	3.31	3.08	0.00
25.80	3.31	3.08	0.00	31.50	3.31	3.08	0.00
25.90	3.31	3.08	0.00	31.60	3.31	3.08	0.00
26.00	3.31	3.08	0.00	31.70	3.31	3.08	0.00
26.10	3.31	3.08	0.00	31.80	3.31	3.08	0.00
26.20	3.31	3.08	0.00	31.90	3.31	3.08	0.00
26.30	3.31	3.08	0.00	32.00	3.31	3.08	0.00
26.40	3.31	3.08	0.00	32.10	3.31	3.08	0.00
26.50	3.31	3.08	0.00	32.20	3.31	3.08	0.00
26.60	3.31	3.08	0.00	32.30	3.31	3.08	0.00
26.70	3.31	3.08	0.00	32.40	3.31	3.08	0.00
26.80	3.31	3.08	0.00	32.50	3.31	3.08	0.00
26.90	3.31	3.08	0.00	32.60	3.31	3.08	0.00
27.00	3.31	3.08	0.00	32.70	3.31	3.08	0.00
27.10	3.31	3.08	0.00	32.80	3.31	3.08	0.00
27.20	3.31	3.08	0.00	32.90	3.31	3.08	0.00
27.30	3.31	3.08	0.00	33.00	3.31	3.08	0.00
27.40	3.31	3.08	0.00	33.10	3.31	3.08	0.00
27.50	3.31	3.08	0.00	33.20	3.31	3.08	0.00
27.60	3.31	3.08	0.00	33.30	3.31	3.08	0.00
27.70	3.31	3.08	0.00	33.40	3.31	3.08	0.00
27.80	3.31	3.08	0.00	33.50	3.31	3.08	0.00
27.90	3.31	3.08	0.00	33.60	3.31	3.08	0.00
28.00	3.31	3.08	0.00	33.70	3.31	3.08	0.00
28.10	3.31	3.08	0.00	33.80	3.31	3.08	0.00
28.20	3.31	3.08	0.00	33.90	3.31	3.08	0.00
28.30	3.31	3.08	0.00	34.00	3.31	3.08	0.00
28.40	3.31	3.08	0.00	34.10	3.31	3.08	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	3.31	3.08	0.00	39.90	3.31	3.08	0.00
34.30	3.31	3.08	0.00	40.00	3.31	3.08	0.00
34.40	3.31	3.08	0.00	40.10	3.31	3.08	0.00
34.50	3.31	3.08	0.00	40.20	3.31	3.08	0.00
34.60	3.31	3.08	0.00	40.30	3.31	3.08	0.00
34.70	3.31	3.08	0.00	40.40	3.31	3.08	0.00
34.80	3.31	3.08	0.00	40.50	3.31	3.08	0.00
34.90	3.31	3.08	0.00	40.60	3.31	3.08	0.00
35.00	3.31	3.08	0.00	40.70	3.31	3.08	0.00
35.10	3.31	3.08	0.00	40.80	3.31	3.08	0.00
35.20	3.31	3.08	0.00	40.90	3.31	3.08	0.00
35.30	3.31	3.08	0.00	41.00	3.31	3.08	0.00
35.40	3.31	3.08	0.00	41.10	3.31	3.08	0.00
35.50	3.31	3.08	0.00	41.20	3.31	3.08	0.00
35.60	3.31	3.08	0.00	41.30	3.31	3.08	0.00
35.70	3.31	3.08	0.00	41.40	3.31	3.08	0.00
35.80	3.31	3.08	0.00	41.50	3.31	3.08	0.00
35.90	3.31	3.08	0.00	41.60	3.31	3.08	0.00
36.00	3.31	3.08	0.00	41.70	3.31	3.08	0.00
36.10	3.31	3.08	0.00	41.80	3.31	3.08	0.00
36.20	3.31	3.08	0.00	41.90	3.31	3.08	0.00
36.30	3.31	3.08	0.00	42.00	3.31	3.08	0.00
36.40	3.31	3.08	0.00	42.10	3.31	3.08	0.00
36.50	3.31	3.08	0.00	42.20	3.31	3.08	0.00
36.60	3.31	3.08	0.00	42.30	3.31	3.08	0.00
36.70	3.31	3.08	0.00	42.40	3.31	3.08	0.00
36.80	3.31	3.08	0.00	42.50	3.31	3.08	0.00
36.90	3.31	3.08	0.00	42.60	3.31	3.08	0.00
37.00	3.31	3.08	0.00	42.70	3.31	3.08	0.00
37.10	3.31	3.08	0.00	42.80	3.31	3.08	0.00
37.20	3.31	3.08	0.00	42.90	3.31	3.08	0.00
37.30	3.31	3.08	0.00	43.00	3.31	3.08	0.00
37.40	3.31	3.08	0.00	43.10	3.31	3.08	0.00
37.50	3.31	3.08	0.00	43.20	3.31	3.08	0.00
37.60	3.31	3.08	0.00	43.30	3.31	3.08	0.00
37.70	3.31	3.08	0.00	43.40	3.31	3.08	0.00
37.80	3.31	3.08	0.00	43.50	3.31	3.08	0.00
37.90	3.31	3.08	0.00	43.60	3.31	3.08	0.00
38.00	3.31	3.08	0.00	43.70	3.31	3.08	0.00
38.10	3.31	3.08	0.00	43.80	3.31	3.08	0.00
38.20	3.31	3.08	0.00	43.90	3.31	3.08	0.00
38.30	3.31	3.08	0.00	44.00	3.31	3.08	0.00
38.40	3.31	3.08	0.00	44.10	3.31	3.08	0.00
38.50	3.31	3.08	0.00	44.20	3.31	3.08	0.00
38.60	3.31	3.08	0.00	44.30	3.31	3.08	0.00
38.70	3.31	3.08	0.00	44.40	3.31	3.08	0.00
38.80	3.31	3.08	0.00	44.50	3.31	3.08	0.00
38.90	3.31	3.08	0.00	44.60	3.31	3.08	0.00
39.00	3.31	3.08	0.00	44.70	3.31	3.08	0.00
39.10	3.31	3.08	0.00	44.80	3.31	3.08	0.00
39.20	3.31	3.08	0.00	44.90	3.31	3.08	0.00
39.30	3.31	3.08	0.00	45.00	3.31	3.08	0.00
39.40	3.31	3.08	0.00	45.10	3.31	3.08	0.00
39.50	3.31	3.08	0.00	45.20	3.31	3.08	0.00
39.60	3.31	3.08	0.00	45.30	3.31	3.08	0.00
39.70	3.31	3.08	0.00	45.40	3.31	3.08	0.00
39.80	3.31	3.08	0.00	45.50	3.31	3.08	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	3.31	3.08	0.00	51.30	3.31	3.08	0.00
45.70	3.31	3.08	0.00	51.40	3.31	3.08	0.00
45.80	3.31	3.08	0.00	51.50	3.31	3.08	0.00
45.90	3.31	3.08	0.00	51.60	3.31	3.08	0.00
46.00	3.31	3.08	0.00	51.70	3.31	3.08	0.00
46.10	3.31	3.08	0.00	51.80	3.31	3.08	0.00
46.20	3.31	3.08	0.00	51.90	3.31	3.08	0.00
46.30	3.31	3.08	0.00	52.00	3.31	3.08	0.00
46.40	3.31	3.08	0.00	52.10	3.31	3.08	0.00
46.50	3.31	3.08	0.00	52.20	3.31	3.08	0.00
46.60	3.31	3.08	0.00	52.30	3.31	3.08	0.00
46.70	3.31	3.08	0.00	52.40	3.31	3.08	0.00
46.80	3.31	3.08	0.00	52.50	3.31	3.08	0.00
46.90	3.31	3.08	0.00	52.60	3.31	3.08	0.00
47.00	3.31	3.08	0.00	52.70	3.31	3.08	0.00
47.10	3.31	3.08	0.00	52.80	3.31	3.08	0.00
47.20	3.31	3.08	0.00	52.90	3.31	3.08	0.00
47.30	3.31	3.08	0.00	53.00	3.31	3.08	0.00
47.40	3.31	3.08	0.00	53.10	3.31	3.08	0.00
47.50	3.31	3.08	0.00	53.20	3.31	3.08	0.00
47.60	3.31	3.08	0.00	53.30	3.31	3.08	0.00
47.70	3.31	3.08	0.00	53.40	3.31	3.08	0.00
47.80	3.31	3.08	0.00	53.50	3.31	3.08	0.00
47.90	3.31	3.08	0.00	53.60	3.31	3.08	0.00
48.00	3.31	3.08	0.00	53.70	3.31	3.08	0.00
48.10	3.31	3.08	0.00	53.80	3.31	3.08	0.00
48.20	3.31	3.08	0.00	53.90	3.31	3.08	0.00
48.30	3.31	3.08	0.00	54.00	3.31	3.08	0.00
48.40	3.31	3.08	0.00	54.10	3.31	3.08	0.00
48.50	3.31	3.08	0.00	54.20	3.31	3.08	0.00
48.60	3.31	3.08	0.00	54.30	3.31	3.08	0.00
48.70	3.31	3.08	0.00	54.40	3.31	3.08	0.00
48.80	3.31	3.08	0.00	54.50	3.31	3.08	0.00
48.90	3.31	3.08	0.00	54.60	3.31	3.08	0.00
49.00	3.31	3.08	0.00	54.70	3.31	3.08	0.00
49.10	3.31	3.08	0.00	54.80	3.31	3.08	0.00
49.20	3.31	3.08	0.00	54.90	3.31	3.08	0.00
49.30	3.31	3.08	0.00	55.00	3.31	3.08	0.00
49.40	3.31	3.08	0.00	55.10	3.31	3.08	0.00
49.50	3.31	3.08	0.00	55.20	3.31	3.08	0.00
49.60	3.31	3.08	0.00	55.30	3.31	3.08	0.00
49.70	3.31	3.08	0.00	55.40	3.31	3.08	0.00
49.80	3.31	3.08	0.00	55.50	3.31	3.08	0.00
49.90	3.31	3.08	0.00	55.60	3.31	3.08	0.00
50.00	3.31	3.08	0.00	55.70	3.31	3.08	0.00
50.10	3.31	3.08	0.00	55.80	3.31	3.08	0.00
50.20	3.31	3.08	0.00	55.90	3.31	3.08	0.00
50.30	3.31	3.08	0.00	56.00	3.31	3.08	0.00
50.40	3.31	3.08	0.00	56.10	3.31	3.08	0.00
50.50	3.31	3.08	0.00	56.20	3.31	3.08	0.00
50.60	3.31	3.08	0.00	56.30	3.31	3.08	0.00
50.70	3.31	3.08	0.00	56.40	3.31	3.08	0.00
50.80	3.31	3.08	0.00	56.50	3.31	3.08	0.00
50.90	3.31	3.08	0.00	56.60	3.31	3.08	0.00
51.00	3.31	3.08	0.00	56.70	3.31	3.08	0.00
51.10	3.31	3.08	0.00	56.80	3.31	3.08	0.00
51.20	3.31	3.08	0.00	56.90	3.31	3.08	0.00

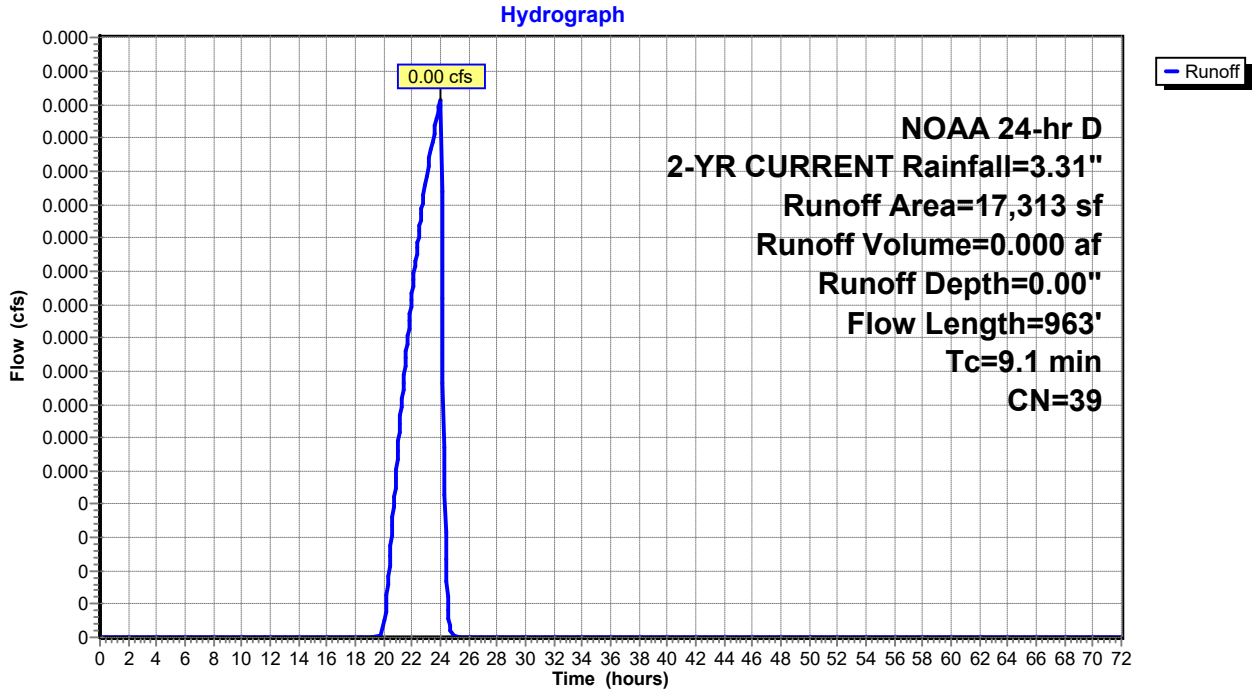
Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	3.31	3.08	0.00	62.70	3.31	3.08	0.00
57.10	3.31	3.08	0.00	62.80	3.31	3.08	0.00
57.20	3.31	3.08	0.00	62.90	3.31	3.08	0.00
57.30	3.31	3.08	0.00	63.00	3.31	3.08	0.00
57.40	3.31	3.08	0.00	63.10	3.31	3.08	0.00
57.50	3.31	3.08	0.00	63.20	3.31	3.08	0.00
57.60	3.31	3.08	0.00	63.30	3.31	3.08	0.00
57.70	3.31	3.08	0.00	63.40	3.31	3.08	0.00
57.80	3.31	3.08	0.00	63.50	3.31	3.08	0.00
57.90	3.31	3.08	0.00	63.60	3.31	3.08	0.00
58.00	3.31	3.08	0.00	63.70	3.31	3.08	0.00
58.10	3.31	3.08	0.00	63.80	3.31	3.08	0.00
58.20	3.31	3.08	0.00	63.90	3.31	3.08	0.00
58.30	3.31	3.08	0.00	64.00	3.31	3.08	0.00
58.40	3.31	3.08	0.00	64.10	3.31	3.08	0.00
58.50	3.31	3.08	0.00	64.20	3.31	3.08	0.00
58.60	3.31	3.08	0.00	64.30	3.31	3.08	0.00
58.70	3.31	3.08	0.00	64.40	3.31	3.08	0.00
58.80	3.31	3.08	0.00	64.50	3.31	3.08	0.00
58.90	3.31	3.08	0.00	64.60	3.31	3.08	0.00
59.00	3.31	3.08	0.00	64.70	3.31	3.08	0.00
59.10	3.31	3.08	0.00	64.80	3.31	3.08	0.00
59.20	3.31	3.08	0.00	64.90	3.31	3.08	0.00
59.30	3.31	3.08	0.00	65.00	3.31	3.08	0.00
59.40	3.31	3.08	0.00	65.10	3.31	3.08	0.00
59.50	3.31	3.08	0.00	65.20	3.31	3.08	0.00
59.60	3.31	3.08	0.00	65.30	3.31	3.08	0.00
59.70	3.31	3.08	0.00	65.40	3.31	3.08	0.00
59.80	3.31	3.08	0.00	65.50	3.31	3.08	0.00
59.90	3.31	3.08	0.00	65.60	3.31	3.08	0.00
60.00	3.31	3.08	0.00	65.70	3.31	3.08	0.00
60.10	3.31	3.08	0.00	65.80	3.31	3.08	0.00
60.20	3.31	3.08	0.00	65.90	3.31	3.08	0.00
60.30	3.31	3.08	0.00	66.00	3.31	3.08	0.00
60.40	3.31	3.08	0.00	66.10	3.31	3.08	0.00
60.50	3.31	3.08	0.00	66.20	3.31	3.08	0.00
60.60	3.31	3.08	0.00	66.30	3.31	3.08	0.00
60.70	3.31	3.08	0.00	66.40	3.31	3.08	0.00
60.80	3.31	3.08	0.00	66.50	3.31	3.08	0.00
60.90	3.31	3.08	0.00	66.60	3.31	3.08	0.00
61.00	3.31	3.08	0.00	66.70	3.31	3.08	0.00
61.10	3.31	3.08	0.00	66.80	3.31	3.08	0.00
61.20	3.31	3.08	0.00	66.90	3.31	3.08	0.00
61.30	3.31	3.08	0.00	67.00	3.31	3.08	0.00
61.40	3.31	3.08	0.00	67.10	3.31	3.08	0.00
61.50	3.31	3.08	0.00	67.20	3.31	3.08	0.00
61.60	3.31	3.08	0.00	67.30	3.31	3.08	0.00
61.70	3.31	3.08	0.00	67.40	3.31	3.08	0.00
61.80	3.31	3.08	0.00	67.50	3.31	3.08	0.00
61.90	3.31	3.08	0.00	67.60	3.31	3.08	0.00
62.00	3.31	3.08	0.00	67.70	3.31	3.08	0.00
62.10	3.31	3.08	0.00	67.80	3.31	3.08	0.00
62.20	3.31	3.08	0.00	67.90	3.31	3.08	0.00
62.30	3.31	3.08	0.00	68.00	3.31	3.08	0.00
62.40	3.31	3.08	0.00	68.10	3.31	3.08	0.00
62.50	3.31	3.08	0.00	68.20	3.31	3.08	0.00
62.60	3.31	3.08	0.00	68.30	3.31	3.08	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	3.31	3.08	0.00
68.50	3.31	3.08	0.00
68.60	3.31	3.08	0.00
68.70	3.31	3.08	0.00
68.80	3.31	3.08	0.00
68.90	3.31	3.08	0.00
69.00	3.31	3.08	0.00
69.10	3.31	3.08	0.00
69.20	3.31	3.08	0.00
69.30	3.31	3.08	0.00
69.40	3.31	3.08	0.00
69.50	3.31	3.08	0.00
69.60	3.31	3.08	0.00
69.70	3.31	3.08	0.00
69.80	3.31	3.08	0.00
69.90	3.31	3.08	0.00
70.00	3.31	3.08	0.00
70.10	3.31	3.08	0.00
70.20	3.31	3.08	0.00
70.30	3.31	3.08	0.00
70.40	3.31	3.08	0.00
70.50	3.31	3.08	0.00
70.60	3.31	3.08	0.00
70.70	3.31	3.08	0.00
70.80	3.31	3.08	0.00
70.90	3.31	3.08	0.00
71.00	3.31	3.08	0.00
71.10	3.31	3.08	0.00
71.20	3.31	3.08	0.00
71.30	3.31	3.08	0.00
71.40	3.31	3.08	0.00
71.50	3.31	3.08	0.00
71.60	3.31	3.08	0.00
71.70	3.31	3.08	0.00
71.80	3.31	3.08	0.00
71.90	3.31	3.08	0.00
72.00	3.31	3.08	0.00

Subcatchment 2S: EDA 1-Pervious



Hydrograph for Subcatchment 2S: EDA 1-Pervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.27	0.00	0.00
0.10	0.00	0.00	0.00	5.80	0.27	0.00	0.00
0.20	0.01	0.00	0.00	5.90	0.28	0.00	0.00
0.30	0.01	0.00	0.00	6.00	0.28	0.00	0.00
0.40	0.01	0.00	0.00	6.10	0.29	0.00	0.00
0.50	0.02	0.00	0.00	6.20	0.29	0.00	0.00
0.60	0.02	0.00	0.00	6.30	0.30	0.00	0.00
0.70	0.03	0.00	0.00	6.40	0.31	0.00	0.00
0.80	0.03	0.00	0.00	6.50	0.31	0.00	0.00
0.90	0.03	0.00	0.00	6.60	0.32	0.00	0.00
1.00	0.04	0.00	0.00	6.70	0.33	0.00	0.00
1.10	0.04	0.00	0.00	6.80	0.33	0.00	0.00
1.20	0.05	0.00	0.00	6.90	0.34	0.00	0.00
1.30	0.05	0.00	0.00	7.00	0.35	0.00	0.00
1.40	0.05	0.00	0.00	7.10	0.36	0.00	0.00
1.50	0.06	0.00	0.00	7.20	0.36	0.00	0.00
1.60	0.06	0.00	0.00	7.30	0.37	0.00	0.00
1.70	0.07	0.00	0.00	7.40	0.38	0.00	0.00
1.80	0.07	0.00	0.00	7.50	0.39	0.00	0.00
1.90	0.08	0.00	0.00	7.60	0.40	0.00	0.00
2.00	0.08	0.00	0.00	7.70	0.40	0.00	0.00
2.10	0.08	0.00	0.00	7.80	0.41	0.00	0.00
2.20	0.09	0.00	0.00	7.90	0.42	0.00	0.00
2.30	0.09	0.00	0.00	8.00	0.43	0.00	0.00
2.40	0.10	0.00	0.00	8.10	0.44	0.00	0.00
2.50	0.10	0.00	0.00	8.20	0.45	0.00	0.00
2.60	0.11	0.00	0.00	8.30	0.46	0.00	0.00
2.70	0.11	0.00	0.00	8.40	0.47	0.00	0.00
2.80	0.12	0.00	0.00	8.50	0.48	0.00	0.00
2.90	0.12	0.00	0.00	8.60	0.49	0.00	0.00
3.00	0.12	0.00	0.00	8.70	0.49	0.00	0.00
3.10	0.13	0.00	0.00	8.80	0.50	0.00	0.00
3.20	0.13	0.00	0.00	8.90	0.51	0.00	0.00
3.30	0.14	0.00	0.00	9.00	0.53	0.00	0.00
3.40	0.14	0.00	0.00	9.10	0.54	0.00	0.00
3.50	0.15	0.00	0.00	9.20	0.55	0.00	0.00
3.60	0.15	0.00	0.00	9.30	0.56	0.00	0.00
3.70	0.16	0.00	0.00	9.40	0.57	0.00	0.00
3.80	0.16	0.00	0.00	9.50	0.58	0.00	0.00
3.90	0.17	0.00	0.00	9.60	0.60	0.00	0.00
4.00	0.17	0.00	0.00	9.70	0.61	0.00	0.00
4.10	0.18	0.00	0.00	9.80	0.63	0.00	0.00
4.20	0.18	0.00	0.00	9.90	0.64	0.00	0.00
4.30	0.19	0.00	0.00	10.00	0.66	0.00	0.00
4.40	0.19	0.00	0.00	10.10	0.67	0.00	0.00
4.50	0.20	0.00	0.00	10.20	0.69	0.00	0.00
4.60	0.20	0.00	0.00	10.30	0.71	0.00	0.00
4.70	0.21	0.00	0.00	10.40	0.72	0.00	0.00
4.80	0.22	0.00	0.00	10.50	0.74	0.00	0.00
4.90	0.22	0.00	0.00	10.60	0.76	0.00	0.00
5.00	0.23	0.00	0.00	10.70	0.78	0.00	0.00
5.10	0.23	0.00	0.00	10.80	0.81	0.00	0.00
5.20	0.24	0.00	0.00	10.90	0.83	0.00	0.00
5.30	0.24	0.00	0.00	11.00	0.86	0.00	0.00
5.40	0.25	0.00	0.00	11.10	0.89	0.00	0.00
5.50	0.25	0.00	0.00	11.20	0.93	0.00	0.00
5.60	0.26	0.00	0.00	11.30	0.96	0.00	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.00	0.00	0.00	17.10	2.97	0.00	0.00
11.50	1.05	0.00	0.00	17.20	2.98	0.00	0.00
11.60	1.11	0.00	0.00	17.30	2.98	0.00	0.00
11.70	1.17	0.00	0.00	17.40	2.99	0.00	0.00
11.80	1.26	0.00	0.00	17.50	3.00	0.00	0.00
11.90	1.38	0.00	0.00	17.60	3.00	0.00	0.00
12.00	1.59	0.00	0.00	17.70	3.01	0.00	0.00
12.10	1.93	0.00	0.00	17.80	3.02	0.00	0.00
12.20	2.05	0.00	0.00	17.90	3.02	0.00	0.00
12.30	2.14	0.00	0.00	18.00	3.03	0.00	0.00
12.40	2.20	0.00	0.00	18.10	3.03	0.00	0.00
12.50	2.26	0.00	0.00	18.20	3.04	0.00	0.00
12.60	2.31	0.00	0.00	18.30	3.04	0.00	0.00
12.70	2.35	0.00	0.00	18.40	3.05	0.00	0.00
12.80	2.38	0.00	0.00	18.50	3.06	0.00	0.00
12.90	2.42	0.00	0.00	18.60	3.06	0.00	0.00
13.00	2.45	0.00	0.00	18.70	3.07	0.00	0.00
13.10	2.48	0.00	0.00	18.80	3.07	0.00	0.00
13.20	2.50	0.00	0.00	18.90	3.08	0.00	0.00
13.30	2.53	0.00	0.00	19.00	3.08	0.00	0.00
13.40	2.55	0.00	0.00	19.10	3.09	0.00	0.00
13.50	2.57	0.00	0.00	19.20	3.09	0.00	0.00
13.60	2.59	0.00	0.00	19.30	3.10	0.00	0.00
13.70	2.60	0.00	0.00	19.40	3.11	0.00	0.00
13.80	2.62	0.00	0.00	19.50	3.11	0.00	0.00
13.90	2.64	0.00	0.00	19.60	3.12	0.00	0.00
14.00	2.65	0.00	0.00	19.70	3.12	0.00	0.00
14.10	2.67	0.00	0.00	19.80	3.13	0.00	0.00
14.20	2.68	0.00	0.00	19.90	3.13	0.00	0.00
14.30	2.70	0.00	0.00	20.00	3.14	0.00	0.00
14.40	2.71	0.00	0.00	20.10	3.14	0.00	0.00
14.50	2.73	0.00	0.00	20.20	3.15	0.00	0.00
14.60	2.74	0.00	0.00	20.30	3.15	0.00	0.00
14.70	2.75	0.00	0.00	20.40	3.16	0.00	0.00
14.80	2.76	0.00	0.00	20.50	3.16	0.00	0.00
14.90	2.77	0.00	0.00	20.60	3.17	0.00	0.00
15.00	2.78	0.00	0.00	20.70	3.17	0.00	0.00
15.10	2.80	0.00	0.00	20.80	3.18	0.00	0.00
15.20	2.81	0.00	0.00	20.90	3.18	0.00	0.00
15.30	2.82	0.00	0.00	21.00	3.19	0.00	0.00
15.40	2.82	0.00	0.00	21.10	3.19	0.00	0.00
15.50	2.83	0.00	0.00	21.20	3.19	0.00	0.00
15.60	2.84	0.00	0.00	21.30	3.20	0.00	0.00
15.70	2.85	0.00	0.00	21.40	3.20	0.00	0.00
15.80	2.86	0.00	0.00	21.50	3.21	0.00	0.00
15.90	2.87	0.00	0.00	21.60	3.21	0.00	0.00
16.00	2.88	0.00	0.00	21.70	3.22	0.00	0.00
16.10	2.89	0.00	0.00	21.80	3.22	0.00	0.00
16.20	2.90	0.00	0.00	21.90	3.23	0.00	0.00
16.30	2.91	0.00	0.00	22.00	3.23	0.00	0.00
16.40	2.91	0.00	0.00	22.10	3.23	0.00	0.00
16.50	2.92	0.00	0.00	22.20	3.24	0.00	0.00
16.60	2.93	0.00	0.00	22.30	3.24	0.00	0.00
16.70	2.94	0.00	0.00	22.40	3.25	0.00	0.00
16.80	2.95	0.00	0.00	22.50	3.25	0.00	0.00
16.90	2.95	0.00	0.00	22.60	3.26	0.00	0.00
17.00	2.96	0.00	0.00	22.70	3.26	0.00	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	3.26	0.00	0.00	28.50	3.31	0.00	0.00
22.90	3.27	0.00	0.00	28.60	3.31	0.00	0.00
23.00	3.27	0.00	0.00	28.70	3.31	0.00	0.00
23.10	3.28	0.00	0.00	28.80	3.31	0.00	0.00
23.20	3.28	0.00	0.00	28.90	3.31	0.00	0.00
23.30	3.28	0.00	0.00	29.00	3.31	0.00	0.00
23.40	3.29	0.00	0.00	29.10	3.31	0.00	0.00
23.50	3.29	0.00	0.00	29.20	3.31	0.00	0.00
23.60	3.30	0.00	0.00	29.30	3.31	0.00	0.00
23.70	3.30	0.00	0.00	29.40	3.31	0.00	0.00
23.80	3.30	0.00	0.00	29.50	3.31	0.00	0.00
23.90	3.31	0.00	0.00	29.60	3.31	0.00	0.00
24.00	**3.31**	**0.00**	**0.00**	29.70	3.31	0.00	0.00
24.10	3.31	0.00	0.00	29.80	3.31	0.00	0.00
24.20	3.31	0.00	0.00	29.90	3.31	0.00	0.00
24.30	3.31	0.00	0.00	30.00	3.31	0.00	0.00
24.40	3.31	0.00	0.00	30.10	3.31	0.00	0.00
24.50	3.31	0.00	0.00	30.20	3.31	0.00	0.00
24.60	3.31	0.00	0.00	30.30	3.31	0.00	0.00
24.70	3.31	0.00	0.00	30.40	3.31	0.00	0.00
24.80	3.31	0.00	0.00	30.50	3.31	0.00	0.00
24.90	3.31	0.00	0.00	30.60	3.31	0.00	0.00
25.00	3.31	0.00	0.00	30.70	3.31	0.00	0.00
25.10	3.31	0.00	0.00	30.80	3.31	0.00	0.00
25.20	3.31	0.00	0.00	30.90	3.31	0.00	0.00
25.30	3.31	0.00	0.00	31.00	3.31	0.00	0.00
25.40	3.31	0.00	0.00	31.10	3.31	0.00	0.00
25.50	3.31	0.00	0.00	31.20	3.31	0.00	0.00
25.60	3.31	0.00	0.00	31.30	3.31	0.00	0.00
25.70	3.31	0.00	0.00	31.40	3.31	0.00	0.00
25.80	3.31	0.00	0.00	31.50	3.31	0.00	0.00
25.90	3.31	0.00	0.00	31.60	3.31	0.00	0.00
26.00	3.31	0.00	0.00	31.70	3.31	0.00	0.00
26.10	3.31	0.00	0.00	31.80	3.31	0.00	0.00
26.20	3.31	0.00	0.00	31.90	3.31	0.00	0.00
26.30	3.31	0.00	0.00	32.00	3.31	0.00	0.00
26.40	3.31	0.00	0.00	32.10	3.31	0.00	0.00
26.50	3.31	0.00	0.00	32.20	3.31	0.00	0.00
26.60	3.31	0.00	0.00	32.30	3.31	0.00	0.00
26.70	3.31	0.00	0.00	32.40	3.31	0.00	0.00
26.80	3.31	0.00	0.00	32.50	3.31	0.00	0.00
26.90	3.31	0.00	0.00	32.60	3.31	0.00	0.00
27.00	3.31	0.00	0.00	32.70	3.31	0.00	0.00
27.10	3.31	0.00	0.00	32.80	3.31	0.00	0.00
27.20	3.31	0.00	0.00	32.90	3.31	0.00	0.00
27.30	3.31	0.00	0.00	33.00	3.31	0.00	0.00
27.40	3.31	0.00	0.00	33.10	3.31	0.00	0.00
27.50	3.31	0.00	0.00	33.20	3.31	0.00	0.00
27.60	3.31	0.00	0.00	33.30	3.31	0.00	0.00
27.70	3.31	0.00	0.00	33.40	3.31	0.00	0.00
27.80	3.31	0.00	0.00	33.50	3.31	0.00	0.00
27.90	3.31	0.00	0.00	33.60	3.31	0.00	0.00
28.00	3.31	0.00	0.00	33.70	3.31	0.00	0.00
28.10	3.31	0.00	0.00	33.80	3.31	0.00	0.00
28.20	3.31	0.00	0.00	33.90	3.31	0.00	0.00
28.30	3.31	0.00	0.00	34.00	3.31	0.00	0.00
28.40	3.31	0.00	0.00	34.10	3.31	0.00	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	3.31	0.00	0.00	39.90	3.31	0.00	0.00
34.30	3.31	0.00	0.00	40.00	3.31	0.00	0.00
34.40	3.31	0.00	0.00	40.10	3.31	0.00	0.00
34.50	3.31	0.00	0.00	40.20	3.31	0.00	0.00
34.60	3.31	0.00	0.00	40.30	3.31	0.00	0.00
34.70	3.31	0.00	0.00	40.40	3.31	0.00	0.00
34.80	3.31	0.00	0.00	40.50	3.31	0.00	0.00
34.90	3.31	0.00	0.00	40.60	3.31	0.00	0.00
35.00	3.31	0.00	0.00	40.70	3.31	0.00	0.00
35.10	3.31	0.00	0.00	40.80	3.31	0.00	0.00
35.20	3.31	0.00	0.00	40.90	3.31	0.00	0.00
35.30	3.31	0.00	0.00	41.00	3.31	0.00	0.00
35.40	3.31	0.00	0.00	41.10	3.31	0.00	0.00
35.50	3.31	0.00	0.00	41.20	3.31	0.00	0.00
35.60	3.31	0.00	0.00	41.30	3.31	0.00	0.00
35.70	3.31	0.00	0.00	41.40	3.31	0.00	0.00
35.80	3.31	0.00	0.00	41.50	3.31	0.00	0.00
35.90	3.31	0.00	0.00	41.60	3.31	0.00	0.00
36.00	3.31	0.00	0.00	41.70	3.31	0.00	0.00
36.10	3.31	0.00	0.00	41.80	3.31	0.00	0.00
36.20	3.31	0.00	0.00	41.90	3.31	0.00	0.00
36.30	3.31	0.00	0.00	42.00	3.31	0.00	0.00
36.40	3.31	0.00	0.00	42.10	3.31	0.00	0.00
36.50	3.31	0.00	0.00	42.20	3.31	0.00	0.00
36.60	3.31	0.00	0.00	42.30	3.31	0.00	0.00
36.70	3.31	0.00	0.00	42.40	3.31	0.00	0.00
36.80	3.31	0.00	0.00	42.50	3.31	0.00	0.00
36.90	3.31	0.00	0.00	42.60	3.31	0.00	0.00
37.00	3.31	0.00	0.00	42.70	3.31	0.00	0.00
37.10	3.31	0.00	0.00	42.80	3.31	0.00	0.00
37.20	3.31	0.00	0.00	42.90	3.31	0.00	0.00
37.30	3.31	0.00	0.00	43.00	3.31	0.00	0.00
37.40	3.31	0.00	0.00	43.10	3.31	0.00	0.00
37.50	3.31	0.00	0.00	43.20	3.31	0.00	0.00
37.60	3.31	0.00	0.00	43.30	3.31	0.00	0.00
37.70	3.31	0.00	0.00	43.40	3.31	0.00	0.00
37.80	3.31	0.00	0.00	43.50	3.31	0.00	0.00
37.90	3.31	0.00	0.00	43.60	3.31	0.00	0.00
38.00	3.31	0.00	0.00	43.70	3.31	0.00	0.00
38.10	3.31	0.00	0.00	43.80	3.31	0.00	0.00
38.20	3.31	0.00	0.00	43.90	3.31	0.00	0.00
38.30	3.31	0.00	0.00	44.00	3.31	0.00	0.00
38.40	3.31	0.00	0.00	44.10	3.31	0.00	0.00
38.50	3.31	0.00	0.00	44.20	3.31	0.00	0.00
38.60	3.31	0.00	0.00	44.30	3.31	0.00	0.00
38.70	3.31	0.00	0.00	44.40	3.31	0.00	0.00
38.80	3.31	0.00	0.00	44.50	3.31	0.00	0.00
38.90	3.31	0.00	0.00	44.60	3.31	0.00	0.00
39.00	3.31	0.00	0.00	44.70	3.31	0.00	0.00
39.10	3.31	0.00	0.00	44.80	3.31	0.00	0.00
39.20	3.31	0.00	0.00	44.90	3.31	0.00	0.00
39.30	3.31	0.00	0.00	45.00	3.31	0.00	0.00
39.40	3.31	0.00	0.00	45.10	3.31	0.00	0.00
39.50	3.31	0.00	0.00	45.20	3.31	0.00	0.00
39.60	3.31	0.00	0.00	45.30	3.31	0.00	0.00
39.70	3.31	0.00	0.00	45.40	3.31	0.00	0.00
39.80	3.31	0.00	0.00	45.50	3.31	0.00	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	3.31	0.00	0.00	51.30	3.31	0.00	0.00
45.70	3.31	0.00	0.00	51.40	3.31	0.00	0.00
45.80	3.31	0.00	0.00	51.50	3.31	0.00	0.00
45.90	3.31	0.00	0.00	51.60	3.31	0.00	0.00
46.00	3.31	0.00	0.00	51.70	3.31	0.00	0.00
46.10	3.31	0.00	0.00	51.80	3.31	0.00	0.00
46.20	3.31	0.00	0.00	51.90	3.31	0.00	0.00
46.30	3.31	0.00	0.00	52.00	3.31	0.00	0.00
46.40	3.31	0.00	0.00	52.10	3.31	0.00	0.00
46.50	3.31	0.00	0.00	52.20	3.31	0.00	0.00
46.60	3.31	0.00	0.00	52.30	3.31	0.00	0.00
46.70	3.31	0.00	0.00	52.40	3.31	0.00	0.00
46.80	3.31	0.00	0.00	52.50	3.31	0.00	0.00
46.90	3.31	0.00	0.00	52.60	3.31	0.00	0.00
47.00	3.31	0.00	0.00	52.70	3.31	0.00	0.00
47.10	3.31	0.00	0.00	52.80	3.31	0.00	0.00
47.20	3.31	0.00	0.00	52.90	3.31	0.00	0.00
47.30	3.31	0.00	0.00	53.00	3.31	0.00	0.00
47.40	3.31	0.00	0.00	53.10	3.31	0.00	0.00
47.50	3.31	0.00	0.00	53.20	3.31	0.00	0.00
47.60	3.31	0.00	0.00	53.30	3.31	0.00	0.00
47.70	3.31	0.00	0.00	53.40	3.31	0.00	0.00
47.80	3.31	0.00	0.00	53.50	3.31	0.00	0.00
47.90	3.31	0.00	0.00	53.60	3.31	0.00	0.00
48.00	3.31	0.00	0.00	53.70	3.31	0.00	0.00
48.10	3.31	0.00	0.00	53.80	3.31	0.00	0.00
48.20	3.31	0.00	0.00	53.90	3.31	0.00	0.00
48.30	3.31	0.00	0.00	54.00	3.31	0.00	0.00
48.40	3.31	0.00	0.00	54.10	3.31	0.00	0.00
48.50	3.31	0.00	0.00	54.20	3.31	0.00	0.00
48.60	3.31	0.00	0.00	54.30	3.31	0.00	0.00
48.70	3.31	0.00	0.00	54.40	3.31	0.00	0.00
48.80	3.31	0.00	0.00	54.50	3.31	0.00	0.00
48.90	3.31	0.00	0.00	54.60	3.31	0.00	0.00
49.00	3.31	0.00	0.00	54.70	3.31	0.00	0.00
49.10	3.31	0.00	0.00	54.80	3.31	0.00	0.00
49.20	3.31	0.00	0.00	54.90	3.31	0.00	0.00
49.30	3.31	0.00	0.00	55.00	3.31	0.00	0.00
49.40	3.31	0.00	0.00	55.10	3.31	0.00	0.00
49.50	3.31	0.00	0.00	55.20	3.31	0.00	0.00
49.60	3.31	0.00	0.00	55.30	3.31	0.00	0.00
49.70	3.31	0.00	0.00	55.40	3.31	0.00	0.00
49.80	3.31	0.00	0.00	55.50	3.31	0.00	0.00
49.90	3.31	0.00	0.00	55.60	3.31	0.00	0.00
50.00	3.31	0.00	0.00	55.70	3.31	0.00	0.00
50.10	3.31	0.00	0.00	55.80	3.31	0.00	0.00
50.20	3.31	0.00	0.00	55.90	3.31	0.00	0.00
50.30	3.31	0.00	0.00	56.00	3.31	0.00	0.00
50.40	3.31	0.00	0.00	56.10	3.31	0.00	0.00
50.50	3.31	0.00	0.00	56.20	3.31	0.00	0.00
50.60	3.31	0.00	0.00	56.30	3.31	0.00	0.00
50.70	3.31	0.00	0.00	56.40	3.31	0.00	0.00
50.80	3.31	0.00	0.00	56.50	3.31	0.00	0.00
50.90	3.31	0.00	0.00	56.60	3.31	0.00	0.00
51.00	3.31	0.00	0.00	56.70	3.31	0.00	0.00
51.10	3.31	0.00	0.00	56.80	3.31	0.00	0.00
51.20	3.31	0.00	0.00	56.90	3.31	0.00	0.00

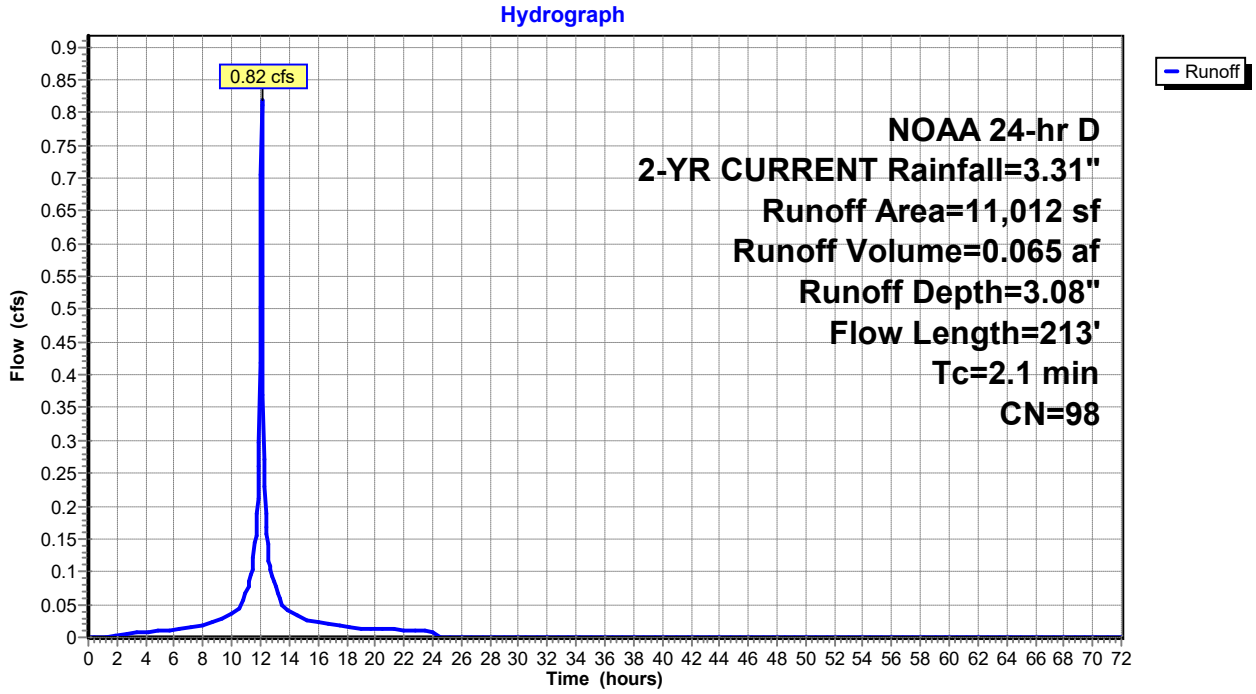
Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	3.31	0.00	0.00	62.70	3.31	0.00	0.00
57.10	3.31	0.00	0.00	62.80	3.31	0.00	0.00
57.20	3.31	0.00	0.00	62.90	3.31	0.00	0.00
57.30	3.31	0.00	0.00	63.00	3.31	0.00	0.00
57.40	3.31	0.00	0.00	63.10	3.31	0.00	0.00
57.50	3.31	0.00	0.00	63.20	3.31	0.00	0.00
57.60	3.31	0.00	0.00	63.30	3.31	0.00	0.00
57.70	3.31	0.00	0.00	63.40	3.31	0.00	0.00
57.80	3.31	0.00	0.00	63.50	3.31	0.00	0.00
57.90	3.31	0.00	0.00	63.60	3.31	0.00	0.00
58.00	3.31	0.00	0.00	63.70	3.31	0.00	0.00
58.10	3.31	0.00	0.00	63.80	3.31	0.00	0.00
58.20	3.31	0.00	0.00	63.90	3.31	0.00	0.00
58.30	3.31	0.00	0.00	64.00	3.31	0.00	0.00
58.40	3.31	0.00	0.00	64.10	3.31	0.00	0.00
58.50	3.31	0.00	0.00	64.20	3.31	0.00	0.00
58.60	3.31	0.00	0.00	64.30	3.31	0.00	0.00
58.70	3.31	0.00	0.00	64.40	3.31	0.00	0.00
58.80	3.31	0.00	0.00	64.50	3.31	0.00	0.00
58.90	3.31	0.00	0.00	64.60	3.31	0.00	0.00
59.00	3.31	0.00	0.00	64.70	3.31	0.00	0.00
59.10	3.31	0.00	0.00	64.80	3.31	0.00	0.00
59.20	3.31	0.00	0.00	64.90	3.31	0.00	0.00
59.30	3.31	0.00	0.00	65.00	3.31	0.00	0.00
59.40	3.31	0.00	0.00	65.10	3.31	0.00	0.00
59.50	3.31	0.00	0.00	65.20	3.31	0.00	0.00
59.60	3.31	0.00	0.00	65.30	3.31	0.00	0.00
59.70	3.31	0.00	0.00	65.40	3.31	0.00	0.00
59.80	3.31	0.00	0.00	65.50	3.31	0.00	0.00
59.90	3.31	0.00	0.00	65.60	3.31	0.00	0.00
60.00	3.31	0.00	0.00	65.70	3.31	0.00	0.00
60.10	3.31	0.00	0.00	65.80	3.31	0.00	0.00
60.20	3.31	0.00	0.00	65.90	3.31	0.00	0.00
60.30	3.31	0.00	0.00	66.00	3.31	0.00	0.00
60.40	3.31	0.00	0.00	66.10	3.31	0.00	0.00
60.50	3.31	0.00	0.00	66.20	3.31	0.00	0.00
60.60	3.31	0.00	0.00	66.30	3.31	0.00	0.00
60.70	3.31	0.00	0.00	66.40	3.31	0.00	0.00
60.80	3.31	0.00	0.00	66.50	3.31	0.00	0.00
60.90	3.31	0.00	0.00	66.60	3.31	0.00	0.00
61.00	3.31	0.00	0.00	66.70	3.31	0.00	0.00
61.10	3.31	0.00	0.00	66.80	3.31	0.00	0.00
61.20	3.31	0.00	0.00	66.90	3.31	0.00	0.00
61.30	3.31	0.00	0.00	67.00	3.31	0.00	0.00
61.40	3.31	0.00	0.00	67.10	3.31	0.00	0.00
61.50	3.31	0.00	0.00	67.20	3.31	0.00	0.00
61.60	3.31	0.00	0.00	67.30	3.31	0.00	0.00
61.70	3.31	0.00	0.00	67.40	3.31	0.00	0.00
61.80	3.31	0.00	0.00	67.50	3.31	0.00	0.00
61.90	3.31	0.00	0.00	67.60	3.31	0.00	0.00
62.00	3.31	0.00	0.00	67.70	3.31	0.00	0.00
62.10	3.31	0.00	0.00	67.80	3.31	0.00	0.00
62.20	3.31	0.00	0.00	67.90	3.31	0.00	0.00
62.30	3.31	0.00	0.00	68.00	3.31	0.00	0.00
62.40	3.31	0.00	0.00	68.10	3.31	0.00	0.00
62.50	3.31	0.00	0.00	68.20	3.31	0.00	0.00
62.60	3.31	0.00	0.00	68.30	3.31	0.00	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	3.31	0.00	0.00
68.50	3.31	0.00	0.00
68.60	3.31	0.00	0.00
68.70	3.31	0.00	0.00
68.80	3.31	0.00	0.00
68.90	3.31	0.00	0.00
69.00	3.31	0.00	0.00
69.10	3.31	0.00	0.00
69.20	3.31	0.00	0.00
69.30	3.31	0.00	0.00
69.40	3.31	0.00	0.00
69.50	3.31	0.00	0.00
69.60	3.31	0.00	0.00
69.70	3.31	0.00	0.00
69.80	3.31	0.00	0.00
69.90	3.31	0.00	0.00
70.00	3.31	0.00	0.00
70.10	3.31	0.00	0.00
70.20	3.31	0.00	0.00
70.30	3.31	0.00	0.00
70.40	3.31	0.00	0.00
70.50	3.31	0.00	0.00
70.60	3.31	0.00	0.00
70.70	3.31	0.00	0.00
70.80	3.31	0.00	0.00
70.90	3.31	0.00	0.00
71.00	3.31	0.00	0.00
71.10	3.31	0.00	0.00
71.20	3.31	0.00	0.00
71.30	3.31	0.00	0.00
71.40	3.31	0.00	0.00
71.50	3.31	0.00	0.00
71.60	3.31	0.00	0.00
71.70	3.31	0.00	0.00
71.80	3.31	0.00	0.00
71.90	3.31	0.00	0.00
72.00	3.31	0.00	0.00

Subcatchment 4S: EDA 2-Impervious



Hydrograph for Subcatchment 4S: EDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.27	0.12	0.01
0.10	0.00	0.00	0.00	5.80	0.27	0.12	0.01
0.20	0.01	0.00	0.00	5.90	0.28	0.13	0.01
0.30	0.01	0.00	0.00	6.00	0.28	0.13	0.01
0.40	0.01	0.00	0.00	6.10	0.29	0.14	0.01
0.50	0.02	0.00	0.00	6.20	0.29	0.14	0.01
0.60	0.02	0.00	0.00	6.30	0.30	0.15	0.01
0.70	0.03	0.00	0.00	6.40	0.31	0.15	0.01
0.80	0.03	0.00	0.00	6.50	0.31	0.16	0.01
0.90	0.03	0.00	0.00	6.60	0.32	0.16	0.01
1.00	0.04	0.00	0.00	6.70	0.33	0.17	0.01
1.10	0.04	0.00	0.00	6.80	0.33	0.17	0.01
1.20	0.05	0.00	0.00	6.90	0.34	0.18	0.02
1.30	0.05	0.00	0.00	7.00	0.35	0.19	0.02
1.40	0.05	0.00	0.00	7.10	0.36	0.19	0.02
1.50	0.06	0.00	0.00	7.20	0.36	0.20	0.02
1.60	0.06	0.00	0.00	7.30	0.37	0.20	0.02
1.70	0.07	0.00	0.00	7.40	0.38	0.21	0.02
1.80	0.07	0.00	0.00	7.50	0.39	0.22	0.02
1.90	0.08	0.00	0.00	7.60	0.40	0.23	0.02
2.00	0.08	0.01	0.00	7.70	0.40	0.23	0.02
2.10	0.08	0.01	0.00	7.80	0.41	0.24	0.02
2.20	0.09	0.01	0.00	7.90	0.42	0.25	0.02
2.30	0.09	0.01	0.00	8.00	0.43	0.25	0.02
2.40	0.10	0.01	0.00	8.10	0.44	0.26	0.02
2.50	0.10	0.01	0.00	8.20	0.45	0.27	0.02
2.60	0.11	0.02	0.00	8.30	0.46	0.28	0.02
2.70	0.11	0.02	0.01	8.40	0.47	0.29	0.02
2.80	0.12	0.02	0.01	8.50	0.48	0.30	0.02
2.90	0.12	0.02	0.01	8.60	0.49	0.30	0.02
3.00	0.12	0.02	0.01	8.70	0.49	0.31	0.02
3.10	0.13	0.03	0.01	8.80	0.50	0.32	0.02
3.20	0.13	0.03	0.01	8.90	0.51	0.33	0.02
3.30	0.14	0.03	0.01	9.00	0.53	0.34	0.02
3.40	0.14	0.03	0.01	9.10	0.54	0.35	0.02
3.50	0.15	0.04	0.01	9.20	0.55	0.36	0.03
3.60	0.15	0.04	0.01	9.30	0.56	0.37	0.03
3.70	0.16	0.04	0.01	9.40	0.57	0.38	0.03
3.80	0.16	0.05	0.01	9.50	0.58	0.39	0.03
3.90	0.17	0.05	0.01	9.60	0.60	0.41	0.03
4.00	0.17	0.05	0.01	9.70	0.61	0.42	0.03
4.10	0.18	0.06	0.01	9.80	0.63	0.43	0.03
4.20	0.18	0.06	0.01	9.90	0.64	0.45	0.04
4.30	0.19	0.06	0.01	10.00	0.66	0.46	0.04
4.40	0.19	0.07	0.01	10.10	0.67	0.48	0.04
4.50	0.20	0.07	0.01	10.20	0.69	0.49	0.04
4.60	0.20	0.07	0.01	10.30	0.71	0.51	0.04
4.70	0.21	0.08	0.01	10.40	0.72	0.53	0.04
4.80	0.22	0.08	0.01	10.50	0.74	0.54	0.04
4.90	0.22	0.08	0.01	10.60	0.76	0.56	0.05
5.00	0.23	0.09	0.01	10.70	0.78	0.58	0.05
5.10	0.23	0.09	0.01	10.80	0.81	0.61	0.06
5.20	0.24	0.10	0.01	10.90	0.83	0.63	0.06
5.30	0.24	0.10	0.01	11.00	0.86	0.66	0.07
5.40	0.25	0.10	0.01	11.10	0.89	0.69	0.08
5.50	0.25	0.11	0.01	11.20	0.93	0.72	0.08
5.60	0.26	0.11	0.01	11.30	0.96	0.76	0.09

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.00	0.80	0.10	17.10	2.97	2.74	0.02
11.50	1.05	0.84	0.11	17.20	2.98	2.74	0.02
11.60	1.11	0.90	0.14	17.30	2.98	2.75	0.02
11.70	1.17	0.96	0.16	17.40	2.99	2.76	0.02
11.80	1.26	1.04	0.21	17.50	3.00	2.76	0.02
11.90	1.38	1.16	0.30	17.60	3.00	2.77	0.02
12.00	1.59	1.36	0.50	17.70	3.01	2.78	0.02
12.10	1.93	1.71	**0.81**	17.80	3.02	2.78	0.02
12.20	2.05	1.83	0.37	17.90	3.02	2.79	0.02
12.30	2.14	1.91	0.23	18.00	3.03	2.80	0.02
12.40	2.20	1.97	0.17	18.10	3.03	2.80	0.01
12.50	2.26	2.03	0.15	18.20	3.04	2.81	0.01
12.60	2.31	2.08	0.12	18.30	3.04	2.81	0.01
12.70	2.35	2.12	0.11	18.40	3.05	2.82	0.01
12.80	2.38	2.16	0.10	18.50	3.06	2.82	0.01
12.90	2.42	2.19	0.09	18.60	3.06	2.83	0.01
13.00	2.45	2.22	0.08	18.70	3.07	2.84	0.01
13.10	2.48	2.25	0.07	18.80	3.07	2.84	0.01
13.20	2.50	2.27	0.07	18.90	3.08	2.85	0.01
13.30	2.53	2.30	0.06	19.00	3.08	2.85	0.01
13.40	2.55	2.32	0.06	19.10	3.09	2.86	0.01
13.50	2.57	2.34	0.05	19.20	3.09	2.86	0.01
13.60	2.59	2.36	0.05	19.30	3.10	2.87	0.01
13.70	2.60	2.37	0.04	19.40	3.11	2.87	0.01
13.80	2.62	2.39	0.04	19.50	3.11	2.88	0.01
13.90	2.64	2.41	0.04	19.60	3.12	2.88	0.01
14.00	2.65	2.42	0.04	19.70	3.12	2.89	0.01
14.10	2.67	2.44	0.04	19.80	3.13	2.89	0.01
14.20	2.68	2.45	0.04	19.90	3.13	2.90	0.01
14.30	2.70	2.47	0.04	20.00	3.14	2.90	0.01
14.40	2.71	2.48	0.04	20.10	3.14	2.91	0.01
14.50	2.73	2.50	0.03	20.20	3.15	2.91	0.01
14.60	2.74	2.51	0.03	20.30	3.15	2.92	0.01
14.70	2.75	2.52	0.03	20.40	3.16	2.92	0.01
14.80	2.76	2.53	0.03	20.50	3.16	2.93	0.01
14.90	2.77	2.54	0.03	20.60	3.17	2.93	0.01
15.00	2.78	2.55	0.03	20.70	3.17	2.94	0.01
15.10	2.80	2.56	0.03	20.80	3.18	2.94	0.01
15.20	2.81	2.57	0.03	20.90	3.18	2.95	0.01
15.30	2.82	2.58	0.03	21.00	3.19	2.95	0.01
15.40	2.82	2.59	0.02	21.10	3.19	2.96	0.01
15.50	2.83	2.60	0.02	21.20	3.19	2.96	0.01
15.60	2.84	2.61	0.02	21.30	3.20	2.97	0.01
15.70	2.85	2.62	0.02	21.40	3.20	2.97	0.01
15.80	2.86	2.63	0.02	21.50	3.21	2.98	0.01
15.90	2.87	2.64	0.02	21.60	3.21	2.98	0.01
16.00	2.88	2.65	0.02	21.70	3.22	2.98	0.01
16.10	2.89	2.66	0.02	21.80	3.22	2.99	0.01
16.20	2.90	2.67	0.02	21.90	3.23	2.99	0.01
16.30	2.91	2.67	0.02	22.00	3.23	3.00	0.01
16.40	2.91	2.68	0.02	22.10	3.23	3.00	0.01
16.50	2.92	2.69	0.02	22.20	3.24	3.01	0.01
16.60	2.93	2.70	0.02	22.30	3.24	3.01	0.01
16.70	2.94	2.71	0.02	22.40	3.25	3.01	0.01
16.80	2.95	2.71	0.02	22.50	3.25	3.02	0.01
16.90	2.95	2.72	0.02	22.60	3.26	3.02	0.01
17.00	2.96	2.73	0.02	22.70	3.26	3.03	0.01

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	3.26	3.03	0.01	28.50	3.31	3.08	0.00
22.90	3.27	3.04	0.01	28.60	3.31	3.08	0.00
23.00	3.27	3.04	0.01	28.70	3.31	3.08	0.00
23.10	3.28	3.04	0.01	28.80	3.31	3.08	0.00
23.20	3.28	3.05	0.01	28.90	3.31	3.08	0.00
23.30	3.28	3.05	0.01	29.00	3.31	3.08	0.00
23.40	3.29	3.05	0.01	29.10	3.31	3.08	0.00
23.50	3.29	3.06	0.01	29.20	3.31	3.08	0.00
23.60	3.30	3.06	0.01	29.30	3.31	3.08	0.00
23.70	3.30	3.07	0.01	29.40	3.31	3.08	0.00
23.80	3.30	3.07	0.01	29.50	3.31	3.08	0.00
23.90	3.31	3.07	0.01	29.60	3.31	3.08	0.00
24.00	**3.31**	**3.08**	0.01	29.70	3.31	3.08	0.00
24.10	3.31	3.08	0.00	29.80	3.31	3.08	0.00
24.20	3.31	3.08	0.00	29.90	3.31	3.08	0.00
24.30	3.31	3.08	0.00	30.00	3.31	3.08	0.00
24.40	3.31	3.08	0.00	30.10	3.31	3.08	0.00
24.50	3.31	3.08	0.00	30.20	3.31	3.08	0.00
24.60	3.31	3.08	0.00	30.30	3.31	3.08	0.00
24.70	3.31	3.08	0.00	30.40	3.31	3.08	0.00
24.80	3.31	3.08	0.00	30.50	3.31	3.08	0.00
24.90	3.31	3.08	0.00	30.60	3.31	3.08	0.00
25.00	3.31	3.08	0.00	30.70	3.31	3.08	0.00
25.10	3.31	3.08	0.00	30.80	3.31	3.08	0.00
25.20	3.31	3.08	0.00	30.90	3.31	3.08	0.00
25.30	3.31	3.08	0.00	31.00	3.31	3.08	0.00
25.40	3.31	3.08	0.00	31.10	3.31	3.08	0.00
25.50	3.31	3.08	0.00	31.20	3.31	3.08	0.00
25.60	3.31	3.08	0.00	31.30	3.31	3.08	0.00
25.70	3.31	3.08	0.00	31.40	3.31	3.08	0.00
25.80	3.31	3.08	0.00	31.50	3.31	3.08	0.00
25.90	3.31	3.08	0.00	31.60	3.31	3.08	0.00
26.00	3.31	3.08	0.00	31.70	3.31	3.08	0.00
26.10	3.31	3.08	0.00	31.80	3.31	3.08	0.00
26.20	3.31	3.08	0.00	31.90	3.31	3.08	0.00
26.30	3.31	3.08	0.00	32.00	3.31	3.08	0.00
26.40	3.31	3.08	0.00	32.10	3.31	3.08	0.00
26.50	3.31	3.08	0.00	32.20	3.31	3.08	0.00
26.60	3.31	3.08	0.00	32.30	3.31	3.08	0.00
26.70	3.31	3.08	0.00	32.40	3.31	3.08	0.00
26.80	3.31	3.08	0.00	32.50	3.31	3.08	0.00
26.90	3.31	3.08	0.00	32.60	3.31	3.08	0.00
27.00	3.31	3.08	0.00	32.70	3.31	3.08	0.00
27.10	3.31	3.08	0.00	32.80	3.31	3.08	0.00
27.20	3.31	3.08	0.00	32.90	3.31	3.08	0.00
27.30	3.31	3.08	0.00	33.00	3.31	3.08	0.00
27.40	3.31	3.08	0.00	33.10	3.31	3.08	0.00
27.50	3.31	3.08	0.00	33.20	3.31	3.08	0.00
27.60	3.31	3.08	0.00	33.30	3.31	3.08	0.00
27.70	3.31	3.08	0.00	33.40	3.31	3.08	0.00
27.80	3.31	3.08	0.00	33.50	3.31	3.08	0.00
27.90	3.31	3.08	0.00	33.60	3.31	3.08	0.00
28.00	3.31	3.08	0.00	33.70	3.31	3.08	0.00
28.10	3.31	3.08	0.00	33.80	3.31	3.08	0.00
28.20	3.31	3.08	0.00	33.90	3.31	3.08	0.00
28.30	3.31	3.08	0.00	34.00	3.31	3.08	0.00
28.40	3.31	3.08	0.00	34.10	3.31	3.08	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	3.31	3.08	0.00	39.90	3.31	3.08	0.00
34.30	3.31	3.08	0.00	40.00	3.31	3.08	0.00
34.40	3.31	3.08	0.00	40.10	3.31	3.08	0.00
34.50	3.31	3.08	0.00	40.20	3.31	3.08	0.00
34.60	3.31	3.08	0.00	40.30	3.31	3.08	0.00
34.70	3.31	3.08	0.00	40.40	3.31	3.08	0.00
34.80	3.31	3.08	0.00	40.50	3.31	3.08	0.00
34.90	3.31	3.08	0.00	40.60	3.31	3.08	0.00
35.00	3.31	3.08	0.00	40.70	3.31	3.08	0.00
35.10	3.31	3.08	0.00	40.80	3.31	3.08	0.00
35.20	3.31	3.08	0.00	40.90	3.31	3.08	0.00
35.30	3.31	3.08	0.00	41.00	3.31	3.08	0.00
35.40	3.31	3.08	0.00	41.10	3.31	3.08	0.00
35.50	3.31	3.08	0.00	41.20	3.31	3.08	0.00
35.60	3.31	3.08	0.00	41.30	3.31	3.08	0.00
35.70	3.31	3.08	0.00	41.40	3.31	3.08	0.00
35.80	3.31	3.08	0.00	41.50	3.31	3.08	0.00
35.90	3.31	3.08	0.00	41.60	3.31	3.08	0.00
36.00	3.31	3.08	0.00	41.70	3.31	3.08	0.00
36.10	3.31	3.08	0.00	41.80	3.31	3.08	0.00
36.20	3.31	3.08	0.00	41.90	3.31	3.08	0.00
36.30	3.31	3.08	0.00	42.00	3.31	3.08	0.00
36.40	3.31	3.08	0.00	42.10	3.31	3.08	0.00
36.50	3.31	3.08	0.00	42.20	3.31	3.08	0.00
36.60	3.31	3.08	0.00	42.30	3.31	3.08	0.00
36.70	3.31	3.08	0.00	42.40	3.31	3.08	0.00
36.80	3.31	3.08	0.00	42.50	3.31	3.08	0.00
36.90	3.31	3.08	0.00	42.60	3.31	3.08	0.00
37.00	3.31	3.08	0.00	42.70	3.31	3.08	0.00
37.10	3.31	3.08	0.00	42.80	3.31	3.08	0.00
37.20	3.31	3.08	0.00	42.90	3.31	3.08	0.00
37.30	3.31	3.08	0.00	43.00	3.31	3.08	0.00
37.40	3.31	3.08	0.00	43.10	3.31	3.08	0.00
37.50	3.31	3.08	0.00	43.20	3.31	3.08	0.00
37.60	3.31	3.08	0.00	43.30	3.31	3.08	0.00
37.70	3.31	3.08	0.00	43.40	3.31	3.08	0.00
37.80	3.31	3.08	0.00	43.50	3.31	3.08	0.00
37.90	3.31	3.08	0.00	43.60	3.31	3.08	0.00
38.00	3.31	3.08	0.00	43.70	3.31	3.08	0.00
38.10	3.31	3.08	0.00	43.80	3.31	3.08	0.00
38.20	3.31	3.08	0.00	43.90	3.31	3.08	0.00
38.30	3.31	3.08	0.00	44.00	3.31	3.08	0.00
38.40	3.31	3.08	0.00	44.10	3.31	3.08	0.00
38.50	3.31	3.08	0.00	44.20	3.31	3.08	0.00
38.60	3.31	3.08	0.00	44.30	3.31	3.08	0.00
38.70	3.31	3.08	0.00	44.40	3.31	3.08	0.00
38.80	3.31	3.08	0.00	44.50	3.31	3.08	0.00
38.90	3.31	3.08	0.00	44.60	3.31	3.08	0.00
39.00	3.31	3.08	0.00	44.70	3.31	3.08	0.00
39.10	3.31	3.08	0.00	44.80	3.31	3.08	0.00
39.20	3.31	3.08	0.00	44.90	3.31	3.08	0.00
39.30	3.31	3.08	0.00	45.00	3.31	3.08	0.00
39.40	3.31	3.08	0.00	45.10	3.31	3.08	0.00
39.50	3.31	3.08	0.00	45.20	3.31	3.08	0.00
39.60	3.31	3.08	0.00	45.30	3.31	3.08	0.00
39.70	3.31	3.08	0.00	45.40	3.31	3.08	0.00
39.80	3.31	3.08	0.00	45.50	3.31	3.08	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	3.31	3.08	0.00	51.30	3.31	3.08	0.00
45.70	3.31	3.08	0.00	51.40	3.31	3.08	0.00
45.80	3.31	3.08	0.00	51.50	3.31	3.08	0.00
45.90	3.31	3.08	0.00	51.60	3.31	3.08	0.00
46.00	3.31	3.08	0.00	51.70	3.31	3.08	0.00
46.10	3.31	3.08	0.00	51.80	3.31	3.08	0.00
46.20	3.31	3.08	0.00	51.90	3.31	3.08	0.00
46.30	3.31	3.08	0.00	52.00	3.31	3.08	0.00
46.40	3.31	3.08	0.00	52.10	3.31	3.08	0.00
46.50	3.31	3.08	0.00	52.20	3.31	3.08	0.00
46.60	3.31	3.08	0.00	52.30	3.31	3.08	0.00
46.70	3.31	3.08	0.00	52.40	3.31	3.08	0.00
46.80	3.31	3.08	0.00	52.50	3.31	3.08	0.00
46.90	3.31	3.08	0.00	52.60	3.31	3.08	0.00
47.00	3.31	3.08	0.00	52.70	3.31	3.08	0.00
47.10	3.31	3.08	0.00	52.80	3.31	3.08	0.00
47.20	3.31	3.08	0.00	52.90	3.31	3.08	0.00
47.30	3.31	3.08	0.00	53.00	3.31	3.08	0.00
47.40	3.31	3.08	0.00	53.10	3.31	3.08	0.00
47.50	3.31	3.08	0.00	53.20	3.31	3.08	0.00
47.60	3.31	3.08	0.00	53.30	3.31	3.08	0.00
47.70	3.31	3.08	0.00	53.40	3.31	3.08	0.00
47.80	3.31	3.08	0.00	53.50	3.31	3.08	0.00
47.90	3.31	3.08	0.00	53.60	3.31	3.08	0.00
48.00	3.31	3.08	0.00	53.70	3.31	3.08	0.00
48.10	3.31	3.08	0.00	53.80	3.31	3.08	0.00
48.20	3.31	3.08	0.00	53.90	3.31	3.08	0.00
48.30	3.31	3.08	0.00	54.00	3.31	3.08	0.00
48.40	3.31	3.08	0.00	54.10	3.31	3.08	0.00
48.50	3.31	3.08	0.00	54.20	3.31	3.08	0.00
48.60	3.31	3.08	0.00	54.30	3.31	3.08	0.00
48.70	3.31	3.08	0.00	54.40	3.31	3.08	0.00
48.80	3.31	3.08	0.00	54.50	3.31	3.08	0.00
48.90	3.31	3.08	0.00	54.60	3.31	3.08	0.00
49.00	3.31	3.08	0.00	54.70	3.31	3.08	0.00
49.10	3.31	3.08	0.00	54.80	3.31	3.08	0.00
49.20	3.31	3.08	0.00	54.90	3.31	3.08	0.00
49.30	3.31	3.08	0.00	55.00	3.31	3.08	0.00
49.40	3.31	3.08	0.00	55.10	3.31	3.08	0.00
49.50	3.31	3.08	0.00	55.20	3.31	3.08	0.00
49.60	3.31	3.08	0.00	55.30	3.31	3.08	0.00
49.70	3.31	3.08	0.00	55.40	3.31	3.08	0.00
49.80	3.31	3.08	0.00	55.50	3.31	3.08	0.00
49.90	3.31	3.08	0.00	55.60	3.31	3.08	0.00
50.00	3.31	3.08	0.00	55.70	3.31	3.08	0.00
50.10	3.31	3.08	0.00	55.80	3.31	3.08	0.00
50.20	3.31	3.08	0.00	55.90	3.31	3.08	0.00
50.30	3.31	3.08	0.00	56.00	3.31	3.08	0.00
50.40	3.31	3.08	0.00	56.10	3.31	3.08	0.00
50.50	3.31	3.08	0.00	56.20	3.31	3.08	0.00
50.60	3.31	3.08	0.00	56.30	3.31	3.08	0.00
50.70	3.31	3.08	0.00	56.40	3.31	3.08	0.00
50.80	3.31	3.08	0.00	56.50	3.31	3.08	0.00
50.90	3.31	3.08	0.00	56.60	3.31	3.08	0.00
51.00	3.31	3.08	0.00	56.70	3.31	3.08	0.00
51.10	3.31	3.08	0.00	56.80	3.31	3.08	0.00
51.20	3.31	3.08	0.00	56.90	3.31	3.08	0.00

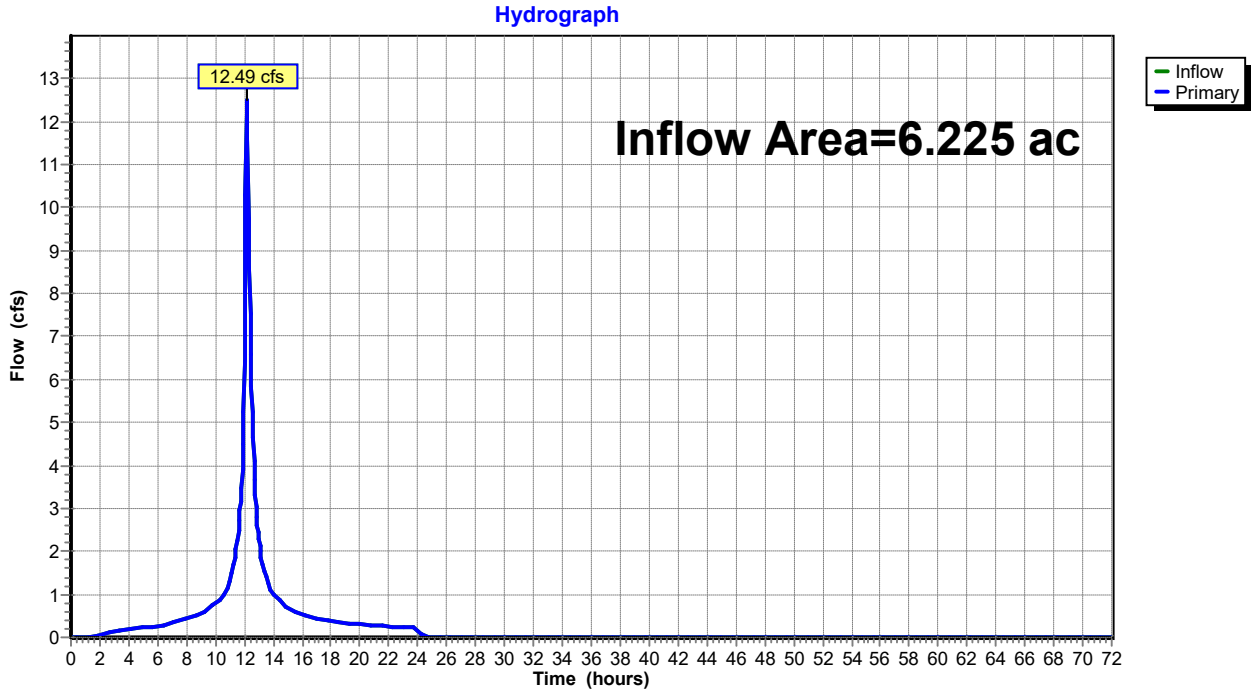
Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	3.31	3.08	0.00	62.70	3.31	3.08	0.00
57.10	3.31	3.08	0.00	62.80	3.31	3.08	0.00
57.20	3.31	3.08	0.00	62.90	3.31	3.08	0.00
57.30	3.31	3.08	0.00	63.00	3.31	3.08	0.00
57.40	3.31	3.08	0.00	63.10	3.31	3.08	0.00
57.50	3.31	3.08	0.00	63.20	3.31	3.08	0.00
57.60	3.31	3.08	0.00	63.30	3.31	3.08	0.00
57.70	3.31	3.08	0.00	63.40	3.31	3.08	0.00
57.80	3.31	3.08	0.00	63.50	3.31	3.08	0.00
57.90	3.31	3.08	0.00	63.60	3.31	3.08	0.00
58.00	3.31	3.08	0.00	63.70	3.31	3.08	0.00
58.10	3.31	3.08	0.00	63.80	3.31	3.08	0.00
58.20	3.31	3.08	0.00	63.90	3.31	3.08	0.00
58.30	3.31	3.08	0.00	64.00	3.31	3.08	0.00
58.40	3.31	3.08	0.00	64.10	3.31	3.08	0.00
58.50	3.31	3.08	0.00	64.20	3.31	3.08	0.00
58.60	3.31	3.08	0.00	64.30	3.31	3.08	0.00
58.70	3.31	3.08	0.00	64.40	3.31	3.08	0.00
58.80	3.31	3.08	0.00	64.50	3.31	3.08	0.00
58.90	3.31	3.08	0.00	64.60	3.31	3.08	0.00
59.00	3.31	3.08	0.00	64.70	3.31	3.08	0.00
59.10	3.31	3.08	0.00	64.80	3.31	3.08	0.00
59.20	3.31	3.08	0.00	64.90	3.31	3.08	0.00
59.30	3.31	3.08	0.00	65.00	3.31	3.08	0.00
59.40	3.31	3.08	0.00	65.10	3.31	3.08	0.00
59.50	3.31	3.08	0.00	65.20	3.31	3.08	0.00
59.60	3.31	3.08	0.00	65.30	3.31	3.08	0.00
59.70	3.31	3.08	0.00	65.40	3.31	3.08	0.00
59.80	3.31	3.08	0.00	65.50	3.31	3.08	0.00
59.90	3.31	3.08	0.00	65.60	3.31	3.08	0.00
60.00	3.31	3.08	0.00	65.70	3.31	3.08	0.00
60.10	3.31	3.08	0.00	65.80	3.31	3.08	0.00
60.20	3.31	3.08	0.00	65.90	3.31	3.08	0.00
60.30	3.31	3.08	0.00	66.00	3.31	3.08	0.00
60.40	3.31	3.08	0.00	66.10	3.31	3.08	0.00
60.50	3.31	3.08	0.00	66.20	3.31	3.08	0.00
60.60	3.31	3.08	0.00	66.30	3.31	3.08	0.00
60.70	3.31	3.08	0.00	66.40	3.31	3.08	0.00
60.80	3.31	3.08	0.00	66.50	3.31	3.08	0.00
60.90	3.31	3.08	0.00	66.60	3.31	3.08	0.00
61.00	3.31	3.08	0.00	66.70	3.31	3.08	0.00
61.10	3.31	3.08	0.00	66.80	3.31	3.08	0.00
61.20	3.31	3.08	0.00	66.90	3.31	3.08	0.00
61.30	3.31	3.08	0.00	67.00	3.31	3.08	0.00
61.40	3.31	3.08	0.00	67.10	3.31	3.08	0.00
61.50	3.31	3.08	0.00	67.20	3.31	3.08	0.00
61.60	3.31	3.08	0.00	67.30	3.31	3.08	0.00
61.70	3.31	3.08	0.00	67.40	3.31	3.08	0.00
61.80	3.31	3.08	0.00	67.50	3.31	3.08	0.00
61.90	3.31	3.08	0.00	67.60	3.31	3.08	0.00
62.00	3.31	3.08	0.00	67.70	3.31	3.08	0.00
62.10	3.31	3.08	0.00	67.80	3.31	3.08	0.00
62.20	3.31	3.08	0.00	67.90	3.31	3.08	0.00
62.30	3.31	3.08	0.00	68.00	3.31	3.08	0.00
62.40	3.31	3.08	0.00	68.10	3.31	3.08	0.00
62.50	3.31	3.08	0.00	68.20	3.31	3.08	0.00
62.60	3.31	3.08	0.00	68.30	3.31	3.08	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	3.31	3.08	0.00
68.50	3.31	3.08	0.00
68.60	3.31	3.08	0.00
68.70	3.31	3.08	0.00
68.80	3.31	3.08	0.00
68.90	3.31	3.08	0.00
69.00	3.31	3.08	0.00
69.10	3.31	3.08	0.00
69.20	3.31	3.08	0.00
69.30	3.31	3.08	0.00
69.40	3.31	3.08	0.00
69.50	3.31	3.08	0.00
69.60	3.31	3.08	0.00
69.70	3.31	3.08	0.00
69.80	3.31	3.08	0.00
69.90	3.31	3.08	0.00
70.00	3.31	3.08	0.00
70.10	3.31	3.08	0.00
70.20	3.31	3.08	0.00
70.30	3.31	3.08	0.00
70.40	3.31	3.08	0.00
70.50	3.31	3.08	0.00
70.60	3.31	3.08	0.00
70.70	3.31	3.08	0.00
70.80	3.31	3.08	0.00
70.90	3.31	3.08	0.00
71.00	3.31	3.08	0.00
71.10	3.31	3.08	0.00
71.20	3.31	3.08	0.00
71.30	3.31	3.08	0.00
71.40	3.31	3.08	0.00
71.50	3.31	3.08	0.00
71.60	3.31	3.08	0.00
71.70	3.31	3.08	0.00
71.80	3.31	3.08	0.00
71.90	3.31	3.08	0.00
72.00	3.31	3.08	0.00

Link 3L: POA-1


Hydrograph
12.49 cfs
Inflow Area=6.225 ac
Inflow
Primary
Flow (cfs)
Time (hours)

Hydrograph for Link 3L: POA-1

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.25	0.00	0.25
0.10	0.00	0.00	0.00	5.80	0.25	0.00	0.25
0.20	0.00	0.00	0.00	5.90	0.26	0.00	0.26
0.30	0.00	0.00	0.00	6.00	0.26	0.00	0.26
0.40	0.00	0.00	0.00	6.10	0.27	0.00	0.27
0.50	0.00	0.00	0.00	6.20	0.27	0.00	0.27
0.60	0.00	0.00	0.00	6.30	0.28	0.00	0.28
0.70	0.00	0.00	0.00	6.40	0.29	0.00	0.29
0.80	0.00	0.00	0.00	6.50	0.30	0.00	0.30
0.90	0.00	0.00	0.00	6.60	0.31	0.00	0.31
1.00	0.00	0.00	0.00	6.70	0.31	0.00	0.31
1.10	0.00	0.00	0.00	6.80	0.32	0.00	0.32
1.20	0.00	0.00	0.00	6.90	0.33	0.00	0.33
1.30	0.01	0.00	0.01	7.00	0.34	0.00	0.34
1.40	0.01	0.00	0.01	7.10	0.35	0.00	0.35
1.50	0.02	0.00	0.02	7.20	0.36	0.00	0.36
1.60	0.03	0.00	0.03	7.30	0.37	0.00	0.37
1.70	0.03	0.00	0.03	7.40	0.38	0.00	0.38
1.80	0.04	0.00	0.04	7.50	0.39	0.00	0.39
1.90	0.05	0.00	0.05	7.60	0.40	0.00	0.40
2.00	0.06	0.00	0.06	7.70	0.41	0.00	0.41
2.10	0.06	0.00	0.06	7.80	0.42	0.00	0.42
2.20	0.07	0.00	0.07	7.90	0.43	0.00	0.43
2.30	0.08	0.00	0.08	8.00	0.43	0.00	0.43
2.40	0.09	0.00	0.09	8.10	0.44	0.00	0.44
2.50	0.09	0.00	0.09	8.20	0.45	0.00	0.45
2.60	0.10	0.00	0.10	8.30	0.46	0.00	0.46
2.70	0.11	0.00	0.11	8.40	0.47	0.00	0.47
2.80	0.11	0.00	0.11	8.50	0.48	0.00	0.48
2.90	0.12	0.00	0.12	8.60	0.49	0.00	0.49
3.00	0.12	0.00	0.12	8.70	0.50	0.00	0.50
3.10	0.13	0.00	0.13	8.80	0.51	0.00	0.51
3.20	0.14	0.00	0.14	8.90	0.52	0.00	0.52
3.30	0.14	0.00	0.14	9.00	0.53	0.00	0.53
3.40	0.15	0.00	0.15	9.10	0.54	0.00	0.54
3.50	0.15	0.00	0.15	9.20	0.56	0.00	0.56
3.60	0.16	0.00	0.16	9.30	0.59	0.00	0.59
3.70	0.16	0.00	0.16	9.40	0.61	0.00	0.61
3.80	0.17	0.00	0.17	9.50	0.64	0.00	0.64
3.90	0.17	0.00	0.17	9.60	0.67	0.00	0.67
4.00	0.18	0.00	0.18	9.70	0.70	0.00	0.70
4.10	0.18	0.00	0.18	9.80	0.73	0.00	0.73
4.20	0.19	0.00	0.19	9.90	0.76	0.00	0.76
4.30	0.19	0.00	0.19	10.00	0.79	0.00	0.79
4.40	0.20	0.00	0.20	10.10	0.83	0.00	0.83
4.50	0.20	0.00	0.20	10.20	0.86	0.00	0.86
4.60	0.21	0.00	0.21	10.30	0.89	0.00	0.89
4.70	0.21	0.00	0.21	10.40	0.92	0.00	0.92
4.80	0.21	0.00	0.21	10.50	0.95	0.00	0.95
4.90	0.22	0.00	0.22	10.60	0.99	0.00	0.99
5.00	0.22	0.00	0.22	10.70	1.07	0.00	1.07
5.10	0.23	0.00	0.23	10.80	1.16	0.00	1.16
5.20	0.23	0.00	0.23	10.90	1.26	0.00	1.26
5.30	0.23	0.00	0.23	11.00	1.36	0.00	1.36
5.40	0.24	0.00	0.24	11.10	1.48	0.00	1.48
5.50	0.24	0.00	0.24	11.20	1.64	0.00	1.64
5.60	0.25	0.00	0.25	11.30	1.81	0.00	1.81

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	1.99	0.00	1.99	17.10	0.44	0.00	0.44
11.50	2.18	0.00	2.18	17.20	0.43	0.00	0.43
11.60	2.50	0.00	2.50	17.30	0.42	0.00	0.42
11.70	2.94	0.00	2.94	17.40	0.42	0.00	0.42
11.80	3.48	0.00	3.48	17.50	0.41	0.00	0.41
11.90	4.48	0.00	4.48	17.60	0.40	0.00	0.40
12.00	6.44	0.00	6.44	17.70	0.39	0.00	0.39
12.10	**10.27**	0.00	**10.27**	17.80	0.38	0.00	0.38
12.20	**12.24**	0.00	**12.24**	17.90	0.37	0.00	0.37
12.30	9.75	0.00	9.75	18.00	0.36	0.00	0.36
12.40	7.52	0.00	7.52	18.10	0.36	0.00	0.36
12.50	5.85	0.00	5.85	18.20	0.35	0.00	0.35
12.60	4.65	0.00	4.65	18.30	0.34	0.00	0.34
12.70	3.66	0.00	3.66	18.40	0.34	0.00	0.34
12.80	3.02	0.00	3.02	18.50	0.34	0.00	0.34
12.90	2.60	0.00	2.60	18.60	0.33	0.00	0.33
13.00	2.28	0.00	2.28	18.70	0.33	0.00	0.33
13.10	2.01	0.00	2.01	18.80	0.33	0.00	0.33
13.20	1.81	0.00	1.81	18.90	0.33	0.00	0.33
13.30	1.65	0.00	1.65	19.00	0.32	0.00	0.32
13.40	1.51	0.00	1.51	19.10	0.32	0.00	0.32
13.50	1.38	0.00	1.38	19.20	0.32	0.00	0.32
13.60	1.27	0.00	1.27	19.30	0.32	0.00	0.32
13.70	1.17	0.00	1.17	19.40	0.32	0.00	0.32
13.80	1.10	0.00	1.10	19.50	0.31	0.00	0.31
13.90	1.04	0.00	1.04	19.60	0.31	0.00	0.31
14.00	1.00	0.00	1.00	19.70	0.31	0.00	0.31
14.10	0.96	0.00	0.96	19.80	0.31	0.00	0.31
14.20	0.93	0.00	0.93	19.90	0.30	0.00	0.30
14.30	0.90	0.00	0.90	20.00	0.30	0.00	0.30
14.40	0.87	0.00	0.87	20.10	0.30	0.00	0.30
14.50	0.84	0.00	0.84	20.20	0.30	0.00	0.30
14.60	0.81	0.00	0.81	20.30	0.30	0.00	0.30
14.70	0.78	0.00	0.78	20.40	0.29	0.00	0.29
14.80	0.75	0.00	0.75	20.50	0.29	0.00	0.29
14.90	0.72	0.00	0.72	20.60	0.29	0.00	0.29
15.00	0.68	0.00	0.68	20.70	0.29	0.00	0.29
15.10	0.65	0.00	0.65	20.80	0.29	0.00	0.29
15.20	0.63	0.00	0.63	20.90	0.28	0.00	0.28
15.30	0.61	0.00	0.61	21.00	0.28	0.00	0.28
15.40	0.59	0.00	0.59	21.10	0.28	0.00	0.28
15.50	0.58	0.00	0.58	21.20	0.28	0.00	0.28
15.60	0.57	0.00	0.57	21.30	0.27	0.00	0.27
15.70	0.56	0.00	0.56	21.40	0.27	0.00	0.27
15.80	0.55	0.00	0.55	21.50	0.27	0.00	0.27
15.90	0.54	0.00	0.54	21.60	0.27	0.00	0.27
16.00	0.54	0.00	0.54	21.70	0.27	0.00	0.27
16.10	0.53	0.00	0.53	21.80	0.26	0.00	0.26
16.20	0.52	0.00	0.52	21.90	0.26	0.00	0.26
16.30	0.51	0.00	0.51	22.00	0.26	0.00	0.26
16.40	0.50	0.00	0.50	22.10	0.26	0.00	0.26
16.50	0.49	0.00	0.49	22.20	0.26	0.00	0.26
16.60	0.48	0.00	0.48	22.30	0.25	0.00	0.25
16.70	0.48	0.00	0.48	22.40	0.25	0.00	0.25
16.80	0.47	0.00	0.47	22.50	0.25	0.00	0.25
16.90	0.46	0.00	0.46	22.60	0.25	0.00	0.25
17.00	0.45	0.00	0.45	22.70	0.24	0.00	0.24

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.24	0.00	0.24	28.50	0.00	0.00	0.00
22.90	0.24	0.00	0.24	28.60	0.00	0.00	0.00
23.00	0.24	0.00	0.24	28.70	0.00	0.00	0.00
23.10	0.24	0.00	0.24	28.80	0.00	0.00	0.00
23.20	0.23	0.00	0.23	28.90	0.00	0.00	0.00
23.30	0.23	0.00	0.23	29.00	0.00	0.00	0.00
23.40	0.23	0.00	0.23	29.10	0.00	0.00	0.00
23.50	0.23	0.00	0.23	29.20	0.00	0.00	0.00
23.60	0.22	0.00	0.22	29.30	0.00	0.00	0.00
23.70	0.22	0.00	0.22	29.40	0.00	0.00	0.00
23.80	0.22	0.00	0.22	29.50	0.00	0.00	0.00
23.90	0.22	0.00	0.22	29.60	0.00	0.00	0.00
24.00	0.22	0.00	0.22	29.70	0.00	0.00	0.00
24.10	0.18	0.00	0.18	29.80	0.00	0.00	0.00
24.20	0.10	0.00	0.10	29.90	0.00	0.00	0.00
24.30	0.06	0.00	0.06	30.00	0.00	0.00	0.00
24.40	0.03	0.00	0.03	30.10	0.00	0.00	0.00
24.50	0.02	0.00	0.02	30.20	0.00	0.00	0.00
24.60	0.01	0.00	0.01	30.30	0.00	0.00	0.00
24.70	0.00	0.00	0.00	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

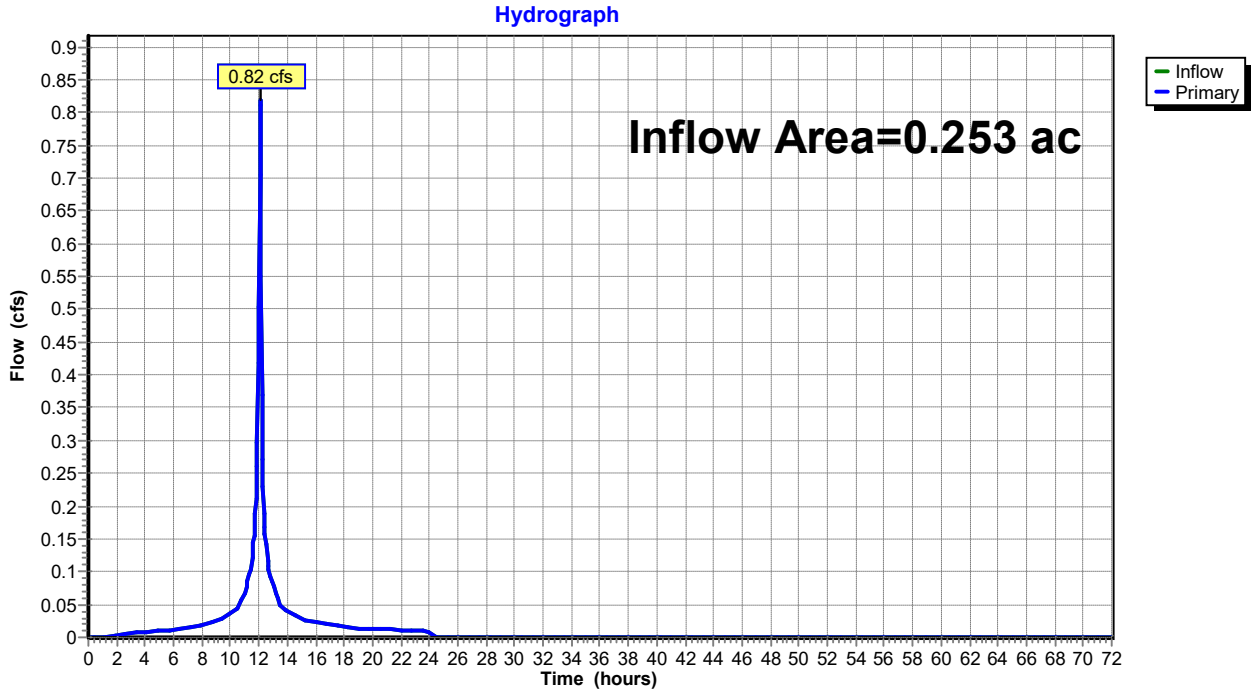
Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Link 5L: POA-2


Hydrograph
0.82 cfs
Inflow Area=0.253 ac
Inflow
Primary
Flow (cfs)
Time (hours)

Hydrograph for Link 5L: POA-2

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.01	0.00	0.01
0.10	0.00	0.00	0.00	5.80	0.01	0.00	0.01
0.20	0.00	0.00	0.00	5.90	0.01	0.00	0.01
0.30	0.00	0.00	0.00	6.00	0.01	0.00	0.01
0.40	0.00	0.00	0.00	6.10	0.01	0.00	0.01
0.50	0.00	0.00	0.00	6.20	0.01	0.00	0.01
0.60	0.00	0.00	0.00	6.30	0.01	0.00	0.01
0.70	0.00	0.00	0.00	6.40	0.01	0.00	0.01
0.80	0.00	0.00	0.00	6.50	0.01	0.00	0.01
0.90	0.00	0.00	0.00	6.60	0.01	0.00	0.01
1.00	0.00	0.00	0.00	6.70	0.01	0.00	0.01
1.10	0.00	0.00	0.00	6.80	0.01	0.00	0.01
1.20	0.00	0.00	0.00	6.90	0.02	0.00	0.02
1.30	0.00	0.00	0.00	7.00	0.02	0.00	0.02
1.40	0.00	0.00	0.00	7.10	0.02	0.00	0.02
1.50	0.00	0.00	0.00	7.20	0.02	0.00	0.02
1.60	0.00	0.00	0.00	7.30	0.02	0.00	0.02
1.70	0.00	0.00	0.00	7.40	0.02	0.00	0.02
1.80	0.00	0.00	0.00	7.50	0.02	0.00	0.02
1.90	0.00	0.00	0.00	7.60	0.02	0.00	0.02
2.00	0.00	0.00	0.00	7.70	0.02	0.00	0.02
2.10	0.00	0.00	0.00	7.80	0.02	0.00	0.02
2.20	0.00	0.00	0.00	7.90	0.02	0.00	0.02
2.30	0.00	0.00	0.00	8.00	0.02	0.00	0.02
2.40	0.00	0.00	0.00	8.10	0.02	0.00	0.02
2.50	0.00	0.00	0.00	8.20	0.02	0.00	0.02
2.60	0.00	0.00	0.00	8.30	0.02	0.00	0.02
2.70	0.01	0.00	0.01	8.40	0.02	0.00	0.02
2.80	0.01	0.00	0.01	8.50	0.02	0.00	0.02
2.90	0.01	0.00	0.01	8.60	0.02	0.00	0.02
3.00	0.01	0.00	0.01	8.70	0.02	0.00	0.02
3.10	0.01	0.00	0.01	8.80	0.02	0.00	0.02
3.20	0.01	0.00	0.01	8.90	0.02	0.00	0.02
3.30	0.01	0.00	0.01	9.00	0.02	0.00	0.02
3.40	0.01	0.00	0.01	9.10	0.02	0.00	0.02
3.50	0.01	0.00	0.01	9.20	0.03	0.00	0.03
3.60	0.01	0.00	0.01	9.30	0.03	0.00	0.03
3.70	0.01	0.00	0.01	9.40	0.03	0.00	0.03
3.80	0.01	0.00	0.01	9.50	0.03	0.00	0.03
3.90	0.01	0.00	0.01	9.60	0.03	0.00	0.03
4.00	0.01	0.00	0.01	9.70	0.03	0.00	0.03
4.10	0.01	0.00	0.01	9.80	0.03	0.00	0.03
4.20	0.01	0.00	0.01	9.90	0.04	0.00	0.04
4.30	0.01	0.00	0.01	10.00	0.04	0.00	0.04
4.40	0.01	0.00	0.01	10.10	0.04	0.00	0.04
4.50	0.01	0.00	0.01	10.20	0.04	0.00	0.04
4.60	0.01	0.00	0.01	10.30	0.04	0.00	0.04
4.70	0.01	0.00	0.01	10.40	0.04	0.00	0.04
4.80	0.01	0.00	0.01	10.50	0.04	0.00	0.04
4.90	0.01	0.00	0.01	10.60	0.05	0.00	0.05
5.00	0.01	0.00	0.01	10.70	0.05	0.00	0.05
5.10	0.01	0.00	0.01	10.80	0.06	0.00	0.06
5.20	0.01	0.00	0.01	10.90	0.06	0.00	0.06
5.30	0.01	0.00	0.01	11.00	0.07	0.00	0.07
5.40	0.01	0.00	0.01	11.10	0.08	0.00	0.08
5.50	0.01	0.00	0.01	11.20	0.08	0.00	0.08
5.60	0.01	0.00	0.01	11.30	0.09	0.00	0.09

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	0.10	0.00	0.10	17.10	0.02	0.00	0.02
11.50	0.11	0.00	0.11	17.20	0.02	0.00	0.02
11.60	0.14	0.00	0.14	17.30	0.02	0.00	0.02
11.70	0.16	0.00	0.16	17.40	0.02	0.00	0.02
11.80	0.21	0.00	0.21	17.50	0.02	0.00	0.02
11.90	0.30	0.00	0.30	17.60	0.02	0.00	0.02
12.00	0.50	0.00	0.50	17.70	0.02	0.00	0.02
12.10	**0.81**	0.00	**0.81**	17.80	0.02	0.00	0.02
12.20	0.37	0.00	0.37	17.90	0.02	0.00	0.02
12.30	0.23	0.00	0.23	18.00	0.02	0.00	0.02
12.40	0.17	0.00	0.17	18.10	0.01	0.00	0.01
12.50	0.15	0.00	0.15	18.20	0.01	0.00	0.01
12.60	0.12	0.00	0.12	18.30	0.01	0.00	0.01
12.70	0.11	0.00	0.11	18.40	0.01	0.00	0.01
12.80	0.10	0.00	0.10	18.50	0.01	0.00	0.01
12.90	0.09	0.00	0.09	18.60	0.01	0.00	0.01
13.00	0.08	0.00	0.08	18.70	0.01	0.00	0.01
13.10	0.07	0.00	0.07	18.80	0.01	0.00	0.01
13.20	0.07	0.00	0.07	18.90	0.01	0.00	0.01
13.30	0.06	0.00	0.06	19.00	0.01	0.00	0.01
13.40	0.06	0.00	0.06	19.10	0.01	0.00	0.01
13.50	0.05	0.00	0.05	19.20	0.01	0.00	0.01
13.60	0.05	0.00	0.05	19.30	0.01	0.00	0.01
13.70	0.04	0.00	0.04	19.40	0.01	0.00	0.01
13.80	0.04	0.00	0.04	19.50	0.01	0.00	0.01
13.90	0.04	0.00	0.04	19.60	0.01	0.00	0.01
14.00	0.04	0.00	0.04	19.70	0.01	0.00	0.01
14.10	0.04	0.00	0.04	19.80	0.01	0.00	0.01
14.20	0.04	0.00	0.04	19.90	0.01	0.00	0.01
14.30	0.04	0.00	0.04	20.00	0.01	0.00	0.01
14.40	0.04	0.00	0.04	20.10	0.01	0.00	0.01
14.50	0.03	0.00	0.03	20.20	0.01	0.00	0.01
14.60	0.03	0.00	0.03	20.30	0.01	0.00	0.01
14.70	0.03	0.00	0.03	20.40	0.01	0.00	0.01
14.80	0.03	0.00	0.03	20.50	0.01	0.00	0.01
14.90	0.03	0.00	0.03	20.60	0.01	0.00	0.01
15.00	0.03	0.00	0.03	20.70	0.01	0.00	0.01
15.10	0.03	0.00	0.03	20.80	0.01	0.00	0.01
15.20	0.03	0.00	0.03	20.90	0.01	0.00	0.01
15.30	0.03	0.00	0.03	21.00	0.01	0.00	0.01
15.40	0.02	0.00	0.02	21.10	0.01	0.00	0.01
15.50	0.02	0.00	0.02	21.20	0.01	0.00	0.01
15.60	0.02	0.00	0.02	21.30	0.01	0.00	0.01
15.70	0.02	0.00	0.02	21.40	0.01	0.00	0.01
15.80	0.02	0.00	0.02	21.50	0.01	0.00	0.01
15.90	0.02	0.00	0.02	21.60	0.01	0.00	0.01
16.00	0.02	0.00	0.02	21.70	0.01	0.00	0.01
16.10	0.02	0.00	0.02	21.80	0.01	0.00	0.01
16.20	0.02	0.00	0.02	21.90	0.01	0.00	0.01
16.30	0.02	0.00	0.02	22.00	0.01	0.00	0.01
16.40	0.02	0.00	0.02	22.10	0.01	0.00	0.01
16.50	0.02	0.00	0.02	22.20	0.01	0.00	0.01
16.60	0.02	0.00	0.02	22.30	0.01	0.00	0.01
16.70	0.02	0.00	0.02	22.40	0.01	0.00	0.01
16.80	0.02	0.00	0.02	22.50	0.01	0.00	0.01
16.90	0.02	0.00	0.02	22.60	0.01	0.00	0.01
17.00	0.02	0.00	0.02	22.70	0.01	0.00	0.01

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.01	0.00	0.01	28.50	0.00	0.00	0.00
22.90	0.01	0.00	0.01	28.60	0.00	0.00	0.00
23.00	0.01	0.00	0.01	28.70	0.00	0.00	0.00
23.10	0.01	0.00	0.01	28.80	0.00	0.00	0.00
23.20	0.01	0.00	0.01	28.90	0.00	0.00	0.00
23.30	0.01	0.00	0.01	29.00	0.00	0.00	0.00
23.40	0.01	0.00	0.01	29.10	0.00	0.00	0.00
23.50	0.01	0.00	0.01	29.20	0.00	0.00	0.00
23.60	0.01	0.00	0.01	29.30	0.00	0.00	0.00
23.70	0.01	0.00	0.01	29.40	0.00	0.00	0.00
23.80	0.01	0.00	0.01	29.50	0.00	0.00	0.00
23.90	0.01	0.00	0.01	29.60	0.00	0.00	0.00
24.00	0.01	0.00	0.01	29.70	0.00	0.00	0.00
24.10	0.00	0.00	0.00	29.80	0.00	0.00	0.00
24.20	0.00	0.00	0.00	29.90	0.00	0.00	0.00
24.30	0.00	0.00	0.00	30.00	0.00	0.00	0.00
24.40	0.00	0.00	0.00	30.10	0.00	0.00	0.00
24.50	0.00	0.00	0.00	30.20	0.00	0.00	0.00
24.60	0.00	0.00	0.00	30.30	0.00	0.00	0.00
24.70	0.00	0.00	0.00	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

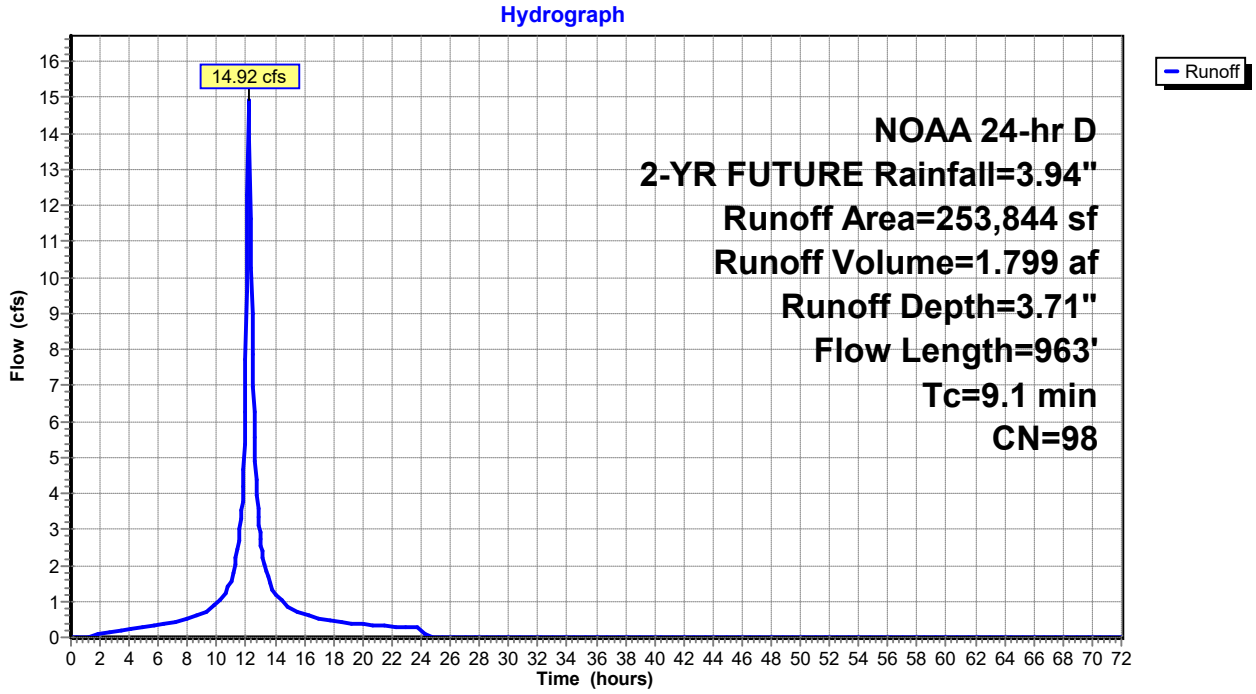
Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Subcatchment 1S: EDA 1-Impervious



Hydrograph for Subcatchment 1S: EDA 1-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.32	0.16	0.32
0.10	0.00	0.00	0.00	5.80	0.32	0.16	0.32
0.20	0.01	0.00	0.00	5.90	0.33	0.17	0.33
0.30	0.01	0.00	0.00	6.00	0.34	0.17	0.33
0.40	0.02	0.00	0.00	6.10	0.34	0.18	0.33
0.50	0.02	0.00	0.00	6.20	0.35	0.19	0.34
0.60	0.03	0.00	0.00	6.30	0.36	0.19	0.35
0.70	0.03	0.00	0.00	6.40	0.37	0.20	0.36
0.80	0.04	0.00	0.00	6.50	0.37	0.21	0.37
0.90	0.04	0.00	0.00	6.60	0.38	0.21	0.38
1.00	0.05	0.00	0.00	6.70	0.39	0.22	0.39
1.10	0.05	0.00	0.00	6.80	0.40	0.23	0.40
1.20	0.05	0.00	0.01	6.90	0.41	0.23	0.41
1.30	0.06	0.00	0.02	7.00	0.42	0.24	0.42
1.40	0.06	0.00	0.03	7.10	0.42	0.25	0.44
1.50	0.07	0.00	0.04	7.20	0.43	0.26	0.45
1.60	0.07	0.00	0.05	7.30	0.44	0.27	0.46
1.70	0.08	0.01	0.06	7.40	0.45	0.27	0.47
1.80	0.08	0.01	0.07	7.50	0.46	0.28	0.48
1.90	0.09	0.01	0.08	7.60	0.47	0.29	0.49
2.00	0.09	0.01	0.09	7.70	0.48	0.30	0.50
2.10	0.10	0.01	0.10	7.80	0.49	0.31	0.51
2.20	0.11	0.02	0.11	7.90	0.50	0.32	0.52
2.30	0.11	0.02	0.12	8.00	0.51	0.33	0.53
2.40	0.12	0.02	0.13	8.10	0.52	0.34	0.55
2.50	0.12	0.02	0.14	8.20	0.53	0.35	0.56
2.60	0.13	0.03	0.14	8.30	0.54	0.36	0.57
2.70	0.13	0.03	0.15	8.40	0.55	0.37	0.58
2.80	0.14	0.03	0.16	8.50	0.57	0.38	0.59
2.90	0.14	0.03	0.17	8.60	0.58	0.39	0.60
3.00	0.15	0.04	0.17	8.70	0.59	0.40	0.61
3.10	0.15	0.04	0.18	8.80	0.60	0.41	0.62
3.20	0.16	0.04	0.19	8.90	0.61	0.42	0.63
3.30	0.17	0.05	0.19	9.00	0.63	0.43	0.65
3.40	0.17	0.05	0.20	9.10	0.64	0.44	0.66
3.50	0.18	0.05	0.21	9.20	0.65	0.46	0.69
3.60	0.18	0.06	0.21	9.30	0.67	0.47	0.72
3.70	0.19	0.06	0.22	9.40	0.68	0.48	0.75
3.80	0.19	0.07	0.22	9.50	0.70	0.50	0.78
3.90	0.20	0.07	0.23	9.60	0.71	0.51	0.82
4.00	0.21	0.07	0.23	9.70	0.73	0.53	0.85
4.10	0.21	0.08	0.24	9.80	0.74	0.55	0.89
4.20	0.22	0.08	0.25	9.90	0.76	0.56	0.93
4.30	0.23	0.09	0.25	10.00	0.78	0.58	0.96
4.40	0.23	0.09	0.26	10.10	0.80	0.60	1.00
4.50	0.24	0.10	0.26	10.20	0.82	0.62	1.04
4.60	0.24	0.10	0.27	10.30	0.84	0.64	1.07
4.70	0.25	0.11	0.27	10.40	0.86	0.66	1.11
4.80	0.26	0.11	0.28	10.50	0.88	0.68	1.15
4.90	0.26	0.12	0.28	10.60	0.91	0.70	1.20
5.00	0.27	0.12	0.29	10.70	0.93	0.73	1.29
5.10	0.28	0.13	0.29	10.80	0.96	0.75	1.39
5.20	0.28	0.13	0.29	10.90	0.99	0.78	1.51
5.30	0.29	0.14	0.30	11.00	1.02	0.81	1.64
5.40	0.30	0.14	0.30	11.10	1.06	0.85	1.79
5.50	0.30	0.15	0.31	11.20	1.10	0.89	1.97
5.60	0.31	0.15	0.31	11.30	1.15	0.93	2.18

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.20	0.98	2.40	17.10	3.53	3.30	0.53
11.50	1.25	1.03	2.62	17.20	3.54	3.31	0.52
11.60	1.32	1.10	3.00	17.30	3.55	3.32	0.51
11.70	1.40	1.18	3.52	17.40	3.56	3.32	0.50
11.80	1.50	1.28	4.17	17.50	3.57	3.33	0.48
11.90	1.64	1.42	5.36	17.60	3.57	3.34	0.47
12.00	1.89	1.66	7.70	17.70	3.58	3.35	0.46
12.10	2.30	2.07	**12.27**	17.80	3.59	3.36	0.45
12.20	2.44	2.21	**14.62**	17.90	3.60	3.36	0.44
12.30	2.54	2.32	11.65	18.00	3.60	3.37	0.43
12.40	2.62	2.39	8.98	18.10	3.61	3.38	0.42
12.50	2.69	2.46	6.99	18.20	3.62	3.38	0.41
12.60	2.74	2.51	5.55	18.30	3.62	3.39	0.41
12.70	2.79	2.56	4.36	18.40	3.63	3.40	0.40
12.80	2.84	2.61	3.60	18.50	3.64	3.40	0.40
12.90	2.88	2.65	3.10	18.60	3.64	3.41	0.40
13.00	2.92	2.68	2.72	18.70	3.65	3.42	0.39
13.10	2.95	2.72	2.40	18.80	3.66	3.42	0.39
13.20	2.98	2.75	2.15	18.90	3.66	3.43	0.39
13.30	3.01	2.78	1.96	19.00	3.67	3.44	0.39
13.40	3.03	2.80	1.80	19.10	3.68	3.44	0.38
13.50	3.06	2.83	1.65	19.20	3.68	3.45	0.38
13.60	3.08	2.85	1.51	19.30	3.69	3.46	0.38
13.70	3.10	2.87	1.39	19.40	3.70	3.46	0.38
13.80	3.12	2.89	1.31	19.50	3.70	3.47	0.37
13.90	3.14	2.91	1.24	19.60	3.71	3.47	0.37
14.00	3.16	2.93	1.19	19.70	3.71	3.48	0.37
14.10	3.18	2.94	1.15	19.80	3.72	3.49	0.37
14.20	3.20	2.96	1.11	19.90	3.73	3.49	0.36
14.30	3.21	2.98	1.07	20.00	3.73	3.50	0.36
14.40	3.23	3.00	1.03	20.10	3.74	3.51	0.36
14.50	3.24	3.01	1.00	20.20	3.75	3.51	0.36
14.60	3.26	3.03	0.96	20.30	3.75	3.52	0.35
14.70	3.27	3.04	0.93	20.40	3.76	3.52	0.35
14.80	3.29	3.06	0.89	20.50	3.76	3.53	0.35
14.90	3.30	3.07	0.85	20.60	3.77	3.53	0.34
15.00	3.31	3.08	0.82	20.70	3.77	3.54	0.34
15.10	3.33	3.09	0.78	20.80	3.78	3.55	0.34
15.20	3.34	3.11	0.75	20.90	3.79	3.55	0.34
15.30	3.35	3.12	0.72	21.00	3.79	3.56	0.33
15.40	3.36	3.13	0.71	21.10	3.80	3.56	0.33
15.50	3.37	3.14	0.69	21.20	3.80	3.57	0.33
15.60	3.39	3.15	0.68	21.30	3.81	3.57	0.33
15.70	3.40	3.16	0.67	21.40	3.81	3.58	0.32
15.80	3.41	3.17	0.66	21.50	3.82	3.58	0.32
15.90	3.42	3.18	0.65	21.60	3.82	3.59	0.32
16.00	3.43	3.20	0.64	21.70	3.83	3.60	0.32
16.10	3.44	3.21	0.63	21.80	3.83	3.60	0.31
16.20	3.45	3.22	0.62	21.90	3.84	3.61	0.31
16.30	3.46	3.23	0.61	22.00	3.85	3.61	0.31
16.40	3.47	3.24	0.60	22.10	3.85	3.62	0.31
16.50	3.48	3.25	0.59	22.20	3.86	3.62	0.30
16.60	3.49	3.26	0.58	22.30	3.86	3.63	0.30
16.70	3.50	3.26	0.57	22.40	3.87	3.63	0.30
16.80	3.51	3.27	0.56	22.50	3.87	3.64	0.30
16.90	3.52	3.28	0.55	22.60	3.88	3.64	0.29
17.00	3.52	3.29	0.54	22.70	3.88	3.65	0.29

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	3.89	3.65	0.29	28.50	3.94	3.71	0.00
22.90	3.89	3.66	0.29	28.60	3.94	3.71	0.00
23.00	3.89	3.66	0.28	28.70	3.94	3.71	0.00
23.10	3.90	3.66	0.28	28.80	3.94	3.71	0.00
23.20	3.90	3.67	0.28	28.90	3.94	3.71	0.00
23.30	3.91	3.67	0.28	29.00	3.94	3.71	0.00
23.40	3.91	3.68	0.27	29.10	3.94	3.71	0.00
23.50	3.92	3.68	0.27	29.20	3.94	3.71	0.00
23.60	3.92	3.69	0.27	29.30	3.94	3.71	0.00
23.70	3.93	3.69	0.27	29.40	3.94	3.71	0.00
23.80	3.93	3.70	0.26	29.50	3.94	3.71	0.00
23.90	3.94	3.70	0.26	29.60	3.94	3.71	0.00
24.00	**3.94**	**3.71**	0.26	29.70	3.94	3.71	0.00
24.10	3.94	3.71	0.21	29.80	3.94	3.71	0.00
24.20	3.94	3.71	0.12	29.90	3.94	3.71	0.00
24.30	3.94	3.71	0.07	30.00	3.94	3.71	0.00
24.40	3.94	3.71	0.04	30.10	3.94	3.71	0.00
24.50	3.94	3.71	0.02	30.20	3.94	3.71	0.00
24.60	3.94	3.71	0.01	30.30	3.94	3.71	0.00
24.70	3.94	3.71	0.00	30.40	3.94	3.71	0.00
24.80	3.94	3.71	0.00	30.50	3.94	3.71	0.00
24.90	3.94	3.71	0.00	30.60	3.94	3.71	0.00
25.00	3.94	3.71	0.00	30.70	3.94	3.71	0.00
25.10	3.94	3.71	0.00	30.80	3.94	3.71	0.00
25.20	3.94	3.71	0.00	30.90	3.94	3.71	0.00
25.30	3.94	3.71	0.00	31.00	3.94	3.71	0.00
25.40	3.94	3.71	0.00	31.10	3.94	3.71	0.00
25.50	3.94	3.71	0.00	31.20	3.94	3.71	0.00
25.60	3.94	3.71	0.00	31.30	3.94	3.71	0.00
25.70	3.94	3.71	0.00	31.40	3.94	3.71	0.00
25.80	3.94	3.71	0.00	31.50	3.94	3.71	0.00
25.90	3.94	3.71	0.00	31.60	3.94	3.71	0.00
26.00	3.94	3.71	0.00	31.70	3.94	3.71	0.00
26.10	3.94	3.71	0.00	31.80	3.94	3.71	0.00
26.20	3.94	3.71	0.00	31.90	3.94	3.71	0.00
26.30	3.94	3.71	0.00	32.00	3.94	3.71	0.00
26.40	3.94	3.71	0.00	32.10	3.94	3.71	0.00
26.50	3.94	3.71	0.00	32.20	3.94	3.71	0.00
26.60	3.94	3.71	0.00	32.30	3.94	3.71	0.00
26.70	3.94	3.71	0.00	32.40	3.94	3.71	0.00
26.80	3.94	3.71	0.00	32.50	3.94	3.71	0.00
26.90	3.94	3.71	0.00	32.60	3.94	3.71	0.00
27.00	3.94	3.71	0.00	32.70	3.94	3.71	0.00
27.10	3.94	3.71	0.00	32.80	3.94	3.71	0.00
27.20	3.94	3.71	0.00	32.90	3.94	3.71	0.00
27.30	3.94	3.71	0.00	33.00	3.94	3.71	0.00
27.40	3.94	3.71	0.00	33.10	3.94	3.71	0.00
27.50	3.94	3.71	0.00	33.20	3.94	3.71	0.00
27.60	3.94	3.71	0.00	33.30	3.94	3.71	0.00
27.70	3.94	3.71	0.00	33.40	3.94	3.71	0.00
27.80	3.94	3.71	0.00	33.50	3.94	3.71	0.00
27.90	3.94	3.71	0.00	33.60	3.94	3.71	0.00
28.00	3.94	3.71	0.00	33.70	3.94	3.71	0.00
28.10	3.94	3.71	0.00	33.80	3.94	3.71	0.00
28.20	3.94	3.71	0.00	33.90	3.94	3.71	0.00
28.30	3.94	3.71	0.00	34.00	3.94	3.71	0.00
28.40	3.94	3.71	0.00	34.10	3.94	3.71	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	3.94	3.71	0.00	39.90	3.94	3.71	0.00
34.30	3.94	3.71	0.00	40.00	3.94	3.71	0.00
34.40	3.94	3.71	0.00	40.10	3.94	3.71	0.00
34.50	3.94	3.71	0.00	40.20	3.94	3.71	0.00
34.60	3.94	3.71	0.00	40.30	3.94	3.71	0.00
34.70	3.94	3.71	0.00	40.40	3.94	3.71	0.00
34.80	3.94	3.71	0.00	40.50	3.94	3.71	0.00
34.90	3.94	3.71	0.00	40.60	3.94	3.71	0.00
35.00	3.94	3.71	0.00	40.70	3.94	3.71	0.00
35.10	3.94	3.71	0.00	40.80	3.94	3.71	0.00
35.20	3.94	3.71	0.00	40.90	3.94	3.71	0.00
35.30	3.94	3.71	0.00	41.00	3.94	3.71	0.00
35.40	3.94	3.71	0.00	41.10	3.94	3.71	0.00
35.50	3.94	3.71	0.00	41.20	3.94	3.71	0.00
35.60	3.94	3.71	0.00	41.30	3.94	3.71	0.00
35.70	3.94	3.71	0.00	41.40	3.94	3.71	0.00
35.80	3.94	3.71	0.00	41.50	3.94	3.71	0.00
35.90	3.94	3.71	0.00	41.60	3.94	3.71	0.00
36.00	3.94	3.71	0.00	41.70	3.94	3.71	0.00
36.10	3.94	3.71	0.00	41.80	3.94	3.71	0.00
36.20	3.94	3.71	0.00	41.90	3.94	3.71	0.00
36.30	3.94	3.71	0.00	42.00	3.94	3.71	0.00
36.40	3.94	3.71	0.00	42.10	3.94	3.71	0.00
36.50	3.94	3.71	0.00	42.20	3.94	3.71	0.00
36.60	3.94	3.71	0.00	42.30	3.94	3.71	0.00
36.70	3.94	3.71	0.00	42.40	3.94	3.71	0.00
36.80	3.94	3.71	0.00	42.50	3.94	3.71	0.00
36.90	3.94	3.71	0.00	42.60	3.94	3.71	0.00
37.00	3.94	3.71	0.00	42.70	3.94	3.71	0.00
37.10	3.94	3.71	0.00	42.80	3.94	3.71	0.00
37.20	3.94	3.71	0.00	42.90	3.94	3.71	0.00
37.30	3.94	3.71	0.00	43.00	3.94	3.71	0.00
37.40	3.94	3.71	0.00	43.10	3.94	3.71	0.00
37.50	3.94	3.71	0.00	43.20	3.94	3.71	0.00
37.60	3.94	3.71	0.00	43.30	3.94	3.71	0.00
37.70	3.94	3.71	0.00	43.40	3.94	3.71	0.00
37.80	3.94	3.71	0.00	43.50	3.94	3.71	0.00
37.90	3.94	3.71	0.00	43.60	3.94	3.71	0.00
38.00	3.94	3.71	0.00	43.70	3.94	3.71	0.00
38.10	3.94	3.71	0.00	43.80	3.94	3.71	0.00
38.20	3.94	3.71	0.00	43.90	3.94	3.71	0.00
38.30	3.94	3.71	0.00	44.00	3.94	3.71	0.00
38.40	3.94	3.71	0.00	44.10	3.94	3.71	0.00
38.50	3.94	3.71	0.00	44.20	3.94	3.71	0.00
38.60	3.94	3.71	0.00	44.30	3.94	3.71	0.00
38.70	3.94	3.71	0.00	44.40	3.94	3.71	0.00
38.80	3.94	3.71	0.00	44.50	3.94	3.71	0.00
38.90	3.94	3.71	0.00	44.60	3.94	3.71	0.00
39.00	3.94	3.71	0.00	44.70	3.94	3.71	0.00
39.10	3.94	3.71	0.00	44.80	3.94	3.71	0.00
39.20	3.94	3.71	0.00	44.90	3.94	3.71	0.00
39.30	3.94	3.71	0.00	45.00	3.94	3.71	0.00
39.40	3.94	3.71	0.00	45.10	3.94	3.71	0.00
39.50	3.94	3.71	0.00	45.20	3.94	3.71	0.00
39.60	3.94	3.71	0.00	45.30	3.94	3.71	0.00
39.70	3.94	3.71	0.00	45.40	3.94	3.71	0.00
39.80	3.94	3.71	0.00	45.50	3.94	3.71	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	3.94	3.71	0.00	51.30	3.94	3.71	0.00
45.70	3.94	3.71	0.00	51.40	3.94	3.71	0.00
45.80	3.94	3.71	0.00	51.50	3.94	3.71	0.00
45.90	3.94	3.71	0.00	51.60	3.94	3.71	0.00
46.00	3.94	3.71	0.00	51.70	3.94	3.71	0.00
46.10	3.94	3.71	0.00	51.80	3.94	3.71	0.00
46.20	3.94	3.71	0.00	51.90	3.94	3.71	0.00
46.30	3.94	3.71	0.00	52.00	3.94	3.71	0.00
46.40	3.94	3.71	0.00	52.10	3.94	3.71	0.00
46.50	3.94	3.71	0.00	52.20	3.94	3.71	0.00
46.60	3.94	3.71	0.00	52.30	3.94	3.71	0.00
46.70	3.94	3.71	0.00	52.40	3.94	3.71	0.00
46.80	3.94	3.71	0.00	52.50	3.94	3.71	0.00
46.90	3.94	3.71	0.00	52.60	3.94	3.71	0.00
47.00	3.94	3.71	0.00	52.70	3.94	3.71	0.00
47.10	3.94	3.71	0.00	52.80	3.94	3.71	0.00
47.20	3.94	3.71	0.00	52.90	3.94	3.71	0.00
47.30	3.94	3.71	0.00	53.00	3.94	3.71	0.00
47.40	3.94	3.71	0.00	53.10	3.94	3.71	0.00
47.50	3.94	3.71	0.00	53.20	3.94	3.71	0.00
47.60	3.94	3.71	0.00	53.30	3.94	3.71	0.00
47.70	3.94	3.71	0.00	53.40	3.94	3.71	0.00
47.80	3.94	3.71	0.00	53.50	3.94	3.71	0.00
47.90	3.94	3.71	0.00	53.60	3.94	3.71	0.00
48.00	3.94	3.71	0.00	53.70	3.94	3.71	0.00
48.10	3.94	3.71	0.00	53.80	3.94	3.71	0.00
48.20	3.94	3.71	0.00	53.90	3.94	3.71	0.00
48.30	3.94	3.71	0.00	54.00	3.94	3.71	0.00
48.40	3.94	3.71	0.00	54.10	3.94	3.71	0.00
48.50	3.94	3.71	0.00	54.20	3.94	3.71	0.00
48.60	3.94	3.71	0.00	54.30	3.94	3.71	0.00
48.70	3.94	3.71	0.00	54.40	3.94	3.71	0.00
48.80	3.94	3.71	0.00	54.50	3.94	3.71	0.00
48.90	3.94	3.71	0.00	54.60	3.94	3.71	0.00
49.00	3.94	3.71	0.00	54.70	3.94	3.71	0.00
49.10	3.94	3.71	0.00	54.80	3.94	3.71	0.00
49.20	3.94	3.71	0.00	54.90	3.94	3.71	0.00
49.30	3.94	3.71	0.00	55.00	3.94	3.71	0.00
49.40	3.94	3.71	0.00	55.10	3.94	3.71	0.00
49.50	3.94	3.71	0.00	55.20	3.94	3.71	0.00
49.60	3.94	3.71	0.00	55.30	3.94	3.71	0.00
49.70	3.94	3.71	0.00	55.40	3.94	3.71	0.00
49.80	3.94	3.71	0.00	55.50	3.94	3.71	0.00
49.90	3.94	3.71	0.00	55.60	3.94	3.71	0.00
50.00	3.94	3.71	0.00	55.70	3.94	3.71	0.00
50.10	3.94	3.71	0.00	55.80	3.94	3.71	0.00
50.20	3.94	3.71	0.00	55.90	3.94	3.71	0.00
50.30	3.94	3.71	0.00	56.00	3.94	3.71	0.00
50.40	3.94	3.71	0.00	56.10	3.94	3.71	0.00
50.50	3.94	3.71	0.00	56.20	3.94	3.71	0.00
50.60	3.94	3.71	0.00	56.30	3.94	3.71	0.00
50.70	3.94	3.71	0.00	56.40	3.94	3.71	0.00
50.80	3.94	3.71	0.00	56.50	3.94	3.71	0.00
50.90	3.94	3.71	0.00	56.60	3.94	3.71	0.00
51.00	3.94	3.71	0.00	56.70	3.94	3.71	0.00
51.10	3.94	3.71	0.00	56.80	3.94	3.71	0.00
51.20	3.94	3.71	0.00	56.90	3.94	3.71	0.00

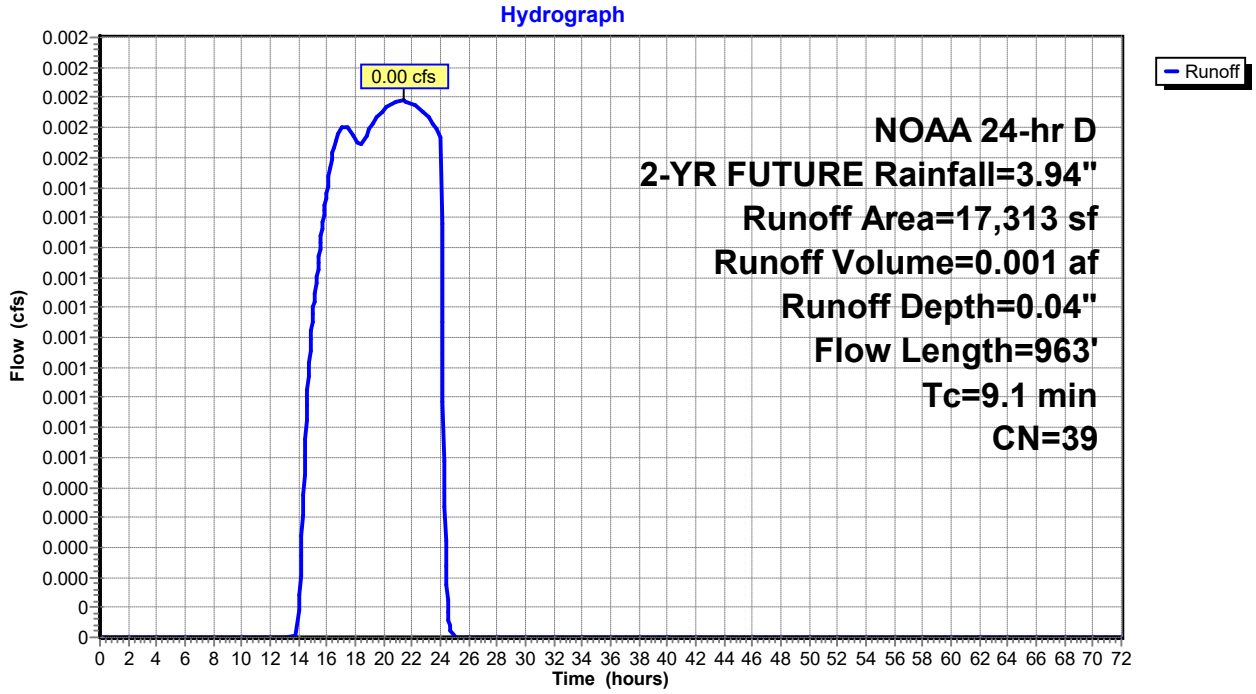
Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	3.94	3.71	0.00	62.70	3.94	3.71	0.00
57.10	3.94	3.71	0.00	62.80	3.94	3.71	0.00
57.20	3.94	3.71	0.00	62.90	3.94	3.71	0.00
57.30	3.94	3.71	0.00	63.00	3.94	3.71	0.00
57.40	3.94	3.71	0.00	63.10	3.94	3.71	0.00
57.50	3.94	3.71	0.00	63.20	3.94	3.71	0.00
57.60	3.94	3.71	0.00	63.30	3.94	3.71	0.00
57.70	3.94	3.71	0.00	63.40	3.94	3.71	0.00
57.80	3.94	3.71	0.00	63.50	3.94	3.71	0.00
57.90	3.94	3.71	0.00	63.60	3.94	3.71	0.00
58.00	3.94	3.71	0.00	63.70	3.94	3.71	0.00
58.10	3.94	3.71	0.00	63.80	3.94	3.71	0.00
58.20	3.94	3.71	0.00	63.90	3.94	3.71	0.00
58.30	3.94	3.71	0.00	64.00	3.94	3.71	0.00
58.40	3.94	3.71	0.00	64.10	3.94	3.71	0.00
58.50	3.94	3.71	0.00	64.20	3.94	3.71	0.00
58.60	3.94	3.71	0.00	64.30	3.94	3.71	0.00
58.70	3.94	3.71	0.00	64.40	3.94	3.71	0.00
58.80	3.94	3.71	0.00	64.50	3.94	3.71	0.00
58.90	3.94	3.71	0.00	64.60	3.94	3.71	0.00
59.00	3.94	3.71	0.00	64.70	3.94	3.71	0.00
59.10	3.94	3.71	0.00	64.80	3.94	3.71	0.00
59.20	3.94	3.71	0.00	64.90	3.94	3.71	0.00
59.30	3.94	3.71	0.00	65.00	3.94	3.71	0.00
59.40	3.94	3.71	0.00	65.10	3.94	3.71	0.00
59.50	3.94	3.71	0.00	65.20	3.94	3.71	0.00
59.60	3.94	3.71	0.00	65.30	3.94	3.71	0.00
59.70	3.94	3.71	0.00	65.40	3.94	3.71	0.00
59.80	3.94	3.71	0.00	65.50	3.94	3.71	0.00
59.90	3.94	3.71	0.00	65.60	3.94	3.71	0.00
60.00	3.94	3.71	0.00	65.70	3.94	3.71	0.00
60.10	3.94	3.71	0.00	65.80	3.94	3.71	0.00
60.20	3.94	3.71	0.00	65.90	3.94	3.71	0.00
60.30	3.94	3.71	0.00	66.00	3.94	3.71	0.00
60.40	3.94	3.71	0.00	66.10	3.94	3.71	0.00
60.50	3.94	3.71	0.00	66.20	3.94	3.71	0.00
60.60	3.94	3.71	0.00	66.30	3.94	3.71	0.00
60.70	3.94	3.71	0.00	66.40	3.94	3.71	0.00
60.80	3.94	3.71	0.00	66.50	3.94	3.71	0.00
60.90	3.94	3.71	0.00	66.60	3.94	3.71	0.00
61.00	3.94	3.71	0.00	66.70	3.94	3.71	0.00
61.10	3.94	3.71	0.00	66.80	3.94	3.71	0.00
61.20	3.94	3.71	0.00	66.90	3.94	3.71	0.00
61.30	3.94	3.71	0.00	67.00	3.94	3.71	0.00
61.40	3.94	3.71	0.00	67.10	3.94	3.71	0.00
61.50	3.94	3.71	0.00	67.20	3.94	3.71	0.00
61.60	3.94	3.71	0.00	67.30	3.94	3.71	0.00
61.70	3.94	3.71	0.00	67.40	3.94	3.71	0.00
61.80	3.94	3.71	0.00	67.50	3.94	3.71	0.00
61.90	3.94	3.71	0.00	67.60	3.94	3.71	0.00
62.00	3.94	3.71	0.00	67.70	3.94	3.71	0.00
62.10	3.94	3.71	0.00	67.80	3.94	3.71	0.00
62.20	3.94	3.71	0.00	67.90	3.94	3.71	0.00
62.30	3.94	3.71	0.00	68.00	3.94	3.71	0.00
62.40	3.94	3.71	0.00	68.10	3.94	3.71	0.00
62.50	3.94	3.71	0.00	68.20	3.94	3.71	0.00
62.60	3.94	3.71	0.00	68.30	3.94	3.71	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	3.94	3.71	0.00
68.50	3.94	3.71	0.00
68.60	3.94	3.71	0.00
68.70	3.94	3.71	0.00
68.80	3.94	3.71	0.00
68.90	3.94	3.71	0.00
69.00	3.94	3.71	0.00
69.10	3.94	3.71	0.00
69.20	3.94	3.71	0.00
69.30	3.94	3.71	0.00
69.40	3.94	3.71	0.00
69.50	3.94	3.71	0.00
69.60	3.94	3.71	0.00
69.70	3.94	3.71	0.00
69.80	3.94	3.71	0.00
69.90	3.94	3.71	0.00
70.00	3.94	3.71	0.00
70.10	3.94	3.71	0.00
70.20	3.94	3.71	0.00
70.30	3.94	3.71	0.00
70.40	3.94	3.71	0.00
70.50	3.94	3.71	0.00
70.60	3.94	3.71	0.00
70.70	3.94	3.71	0.00
70.80	3.94	3.71	0.00
70.90	3.94	3.71	0.00
71.00	3.94	3.71	0.00
71.10	3.94	3.71	0.00
71.20	3.94	3.71	0.00
71.30	3.94	3.71	0.00
71.40	3.94	3.71	0.00
71.50	3.94	3.71	0.00
71.60	3.94	3.71	0.00
71.70	3.94	3.71	0.00
71.80	3.94	3.71	0.00
71.90	3.94	3.71	0.00
72.00	3.94	3.71	0.00

Subcatchment 2S: EDA 1-Pervious



Hydrograph for Subcatchment 2S: EDA 1-Pervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.32	0.00	0.00
0.10	0.00	0.00	0.00	5.80	0.32	0.00	0.00
0.20	0.01	0.00	0.00	5.90	0.33	0.00	0.00
0.30	0.01	0.00	0.00	6.00	0.34	0.00	0.00
0.40	0.02	0.00	0.00	6.10	0.34	0.00	0.00
0.50	0.02	0.00	0.00	6.20	0.35	0.00	0.00
0.60	0.03	0.00	0.00	6.30	0.36	0.00	0.00
0.70	0.03	0.00	0.00	6.40	0.37	0.00	0.00
0.80	0.04	0.00	0.00	6.50	0.37	0.00	0.00
0.90	0.04	0.00	0.00	6.60	0.38	0.00	0.00
1.00	0.05	0.00	0.00	6.70	0.39	0.00	0.00
1.10	0.05	0.00	0.00	6.80	0.40	0.00	0.00
1.20	0.05	0.00	0.00	6.90	0.41	0.00	0.00
1.30	0.06	0.00	0.00	7.00	0.42	0.00	0.00
1.40	0.06	0.00	0.00	7.10	0.42	0.00	0.00
1.50	0.07	0.00	0.00	7.20	0.43	0.00	0.00
1.60	0.07	0.00	0.00	7.30	0.44	0.00	0.00
1.70	0.08	0.00	0.00	7.40	0.45	0.00	0.00
1.80	0.08	0.00	0.00	7.50	0.46	0.00	0.00
1.90	0.09	0.00	0.00	7.60	0.47	0.00	0.00
2.00	0.09	0.00	0.00	7.70	0.48	0.00	0.00
2.10	0.10	0.00	0.00	7.80	0.49	0.00	0.00
2.20	0.11	0.00	0.00	7.90	0.50	0.00	0.00
2.30	0.11	0.00	0.00	8.00	0.51	0.00	0.00
2.40	0.12	0.00	0.00	8.10	0.52	0.00	0.00
2.50	0.12	0.00	0.00	8.20	0.53	0.00	0.00
2.60	0.13	0.00	0.00	8.30	0.54	0.00	0.00
2.70	0.13	0.00	0.00	8.40	0.55	0.00	0.00
2.80	0.14	0.00	0.00	8.50	0.57	0.00	0.00
2.90	0.14	0.00	0.00	8.60	0.58	0.00	0.00
3.00	0.15	0.00	0.00	8.70	0.59	0.00	0.00
3.10	0.15	0.00	0.00	8.80	0.60	0.00	0.00
3.20	0.16	0.00	0.00	8.90	0.61	0.00	0.00
3.30	0.17	0.00	0.00	9.00	0.63	0.00	0.00
3.40	0.17	0.00	0.00	9.10	0.64	0.00	0.00
3.50	0.18	0.00	0.00	9.20	0.65	0.00	0.00
3.60	0.18	0.00	0.00	9.30	0.67	0.00	0.00
3.70	0.19	0.00	0.00	9.40	0.68	0.00	0.00
3.80	0.19	0.00	0.00	9.50	0.70	0.00	0.00
3.90	0.20	0.00	0.00	9.60	0.71	0.00	0.00
4.00	0.21	0.00	0.00	9.70	0.73	0.00	0.00
4.10	0.21	0.00	0.00	9.80	0.74	0.00	0.00
4.20	0.22	0.00	0.00	9.90	0.76	0.00	0.00
4.30	0.23	0.00	0.00	10.00	0.78	0.00	0.00
4.40	0.23	0.00	0.00	10.10	0.80	0.00	0.00
4.50	0.24	0.00	0.00	10.20	0.82	0.00	0.00
4.60	0.24	0.00	0.00	10.30	0.84	0.00	0.00
4.70	0.25	0.00	0.00	10.40	0.86	0.00	0.00
4.80	0.26	0.00	0.00	10.50	0.88	0.00	0.00
4.90	0.26	0.00	0.00	10.60	0.91	0.00	0.00
5.00	0.27	0.00	0.00	10.70	0.93	0.00	0.00
5.10	0.28	0.00	0.00	10.80	0.96	0.00	0.00
5.20	0.28	0.00	0.00	10.90	0.99	0.00	0.00
5.30	0.29	0.00	0.00	11.00	1.02	0.00	0.00
5.40	0.30	0.00	0.00	11.10	1.06	0.00	0.00
5.50	0.30	0.00	0.00	11.20	1.10	0.00	0.00
5.60	0.31	0.00	0.00	11.30	1.15	0.00	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.20	0.00	0.00	17.10	3.53	0.01	0.00
11.50	1.25	0.00	0.00	17.20	3.54	0.01	0.00
11.60	1.32	0.00	0.00	17.30	3.55	0.01	0.00
11.70	1.40	0.00	0.00	17.40	3.56	0.01	0.00
11.80	1.50	0.00	0.00	17.50	3.57	0.01	0.00
11.90	1.64	0.00	0.00	17.60	3.57	0.01	0.00
12.00	1.89	0.00	0.00	17.70	3.58	0.01	0.00
12.10	2.30	0.00	0.00	17.80	3.59	0.01	0.00
12.20	2.44	0.00	0.00	17.90	3.60	0.01	0.00
12.30	2.54	0.00	0.00	18.00	3.60	0.01	0.00
12.40	2.62	0.00	0.00	18.10	3.61	0.01	0.00
12.50	2.69	0.00	0.00	18.20	3.62	0.01	0.00
12.60	2.74	0.00	0.00	18.30	3.62	0.02	0.00
12.70	2.79	0.00	0.00	18.40	3.63	0.02	0.00
12.80	2.84	0.00	0.00	18.50	3.64	0.02	0.00
12.90	2.88	0.00	0.00	18.60	3.64	0.02	0.00
13.00	2.92	0.00	0.00	18.70	3.65	0.02	0.00
13.10	2.95	0.00	0.00	18.80	3.66	0.02	0.00
13.20	2.98	0.00	0.00	18.90	3.66	0.02	0.00
13.30	3.01	0.00	0.00	19.00	3.67	0.02	0.00
13.40	3.03	0.00	0.00	19.10	3.68	0.02	0.00
13.50	3.06	0.00	0.00	19.20	3.68	0.02	0.00
13.60	3.08	0.00	0.00	19.30	3.69	0.02	0.00
13.70	3.10	0.00	0.00	19.40	3.70	0.02	0.00
13.80	3.12	0.00	0.00	19.50	3.70	0.02	0.00
13.90	3.14	0.00	0.00	19.60	3.71	0.02	0.00
14.00	3.16	0.00	0.00	19.70	3.71	0.02	0.00
14.10	3.18	0.00	0.00	19.80	3.72	0.02	0.00
14.20	3.20	0.00	0.00	19.90	3.73	0.02	0.00
14.30	3.21	0.00	0.00	20.00	3.73	0.02	0.00
14.40	3.23	0.00	0.00	20.10	3.74	0.02	0.00
14.50	3.24	0.00	0.00	20.20	3.75	0.02	0.00
14.60	3.26	0.00	0.00	20.30	3.75	0.02	0.00
14.70	3.27	0.00	0.00	20.40	3.76	0.02	0.00
14.80	3.29	0.00	0.00	20.50	3.76	0.02	0.00
14.90	3.30	0.00	0.00	20.60	3.77	0.03	0.00
15.00	3.31	0.00	0.00	20.70	3.77	0.03	0.00
15.10	3.33	0.00	0.00	20.80	3.78	0.03	0.00
15.20	3.34	0.00	0.00	20.90	3.79	0.03	0.00
15.30	3.35	0.00	0.00	21.00	3.79	0.03	0.00
15.40	3.36	0.00	0.00	21.10	3.80	0.03	0.00
15.50	3.37	0.00	0.00	21.20	3.80	0.03	0.00
15.60	3.39	0.00	0.00	21.30	3.81	0.03	0.00
15.70	3.40	0.00	0.00	21.40	3.81	0.03	**0.00**
15.80	3.41	0.00	0.00	21.50	3.82	0.03	**0.00**
15.90	3.42	0.01	0.00	21.60	3.82	0.03	0.00
16.00	3.43	0.01	0.00	21.70	3.83	0.03	0.00
16.10	3.44	0.01	0.00	21.80	3.83	0.03	0.00
16.20	3.45	0.01	0.00	21.90	3.84	0.03	0.00
16.30	3.46	0.01	0.00	22.00	3.85	0.03	0.00
16.40	3.47	0.01	0.00	22.10	3.85	0.03	0.00
16.50	3.48	0.01	0.00	22.20	3.86	0.03	0.00
16.60	3.49	0.01	0.00	22.30	3.86	0.03	0.00
16.70	3.50	0.01	0.00	22.40	3.87	0.03	0.00
16.80	3.51	0.01	0.00	22.50	3.87	0.03	0.00
16.90	3.52	0.01	0.00	22.60	3.88	0.03	0.00
17.00	3.52	0.01	0.00	22.70	3.88	0.03	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	3.89	0.03	0.00	28.50	3.94	0.04	0.00
22.90	3.89	0.04	0.00	28.60	3.94	0.04	0.00
23.00	3.89	0.04	0.00	28.70	3.94	0.04	0.00
23.10	3.90	0.04	0.00	28.80	3.94	0.04	0.00
23.20	3.90	0.04	0.00	28.90	3.94	0.04	0.00
23.30	3.91	0.04	0.00	29.00	3.94	0.04	0.00
23.40	3.91	0.04	0.00	29.10	3.94	0.04	0.00
23.50	3.92	0.04	0.00	29.20	3.94	0.04	0.00
23.60	3.92	0.04	0.00	29.30	3.94	0.04	0.00
23.70	3.93	0.04	0.00	29.40	3.94	0.04	0.00
23.80	3.93	0.04	0.00	29.50	3.94	0.04	0.00
23.90	3.94	0.04	0.00	29.60	3.94	0.04	0.00
24.00	**3.94**	**0.04**	0.00	29.70	3.94	0.04	0.00
24.10	3.94	0.04	0.00	29.80	3.94	0.04	0.00
24.20	3.94	0.04	0.00	29.90	3.94	0.04	0.00
24.30	3.94	0.04	0.00	30.00	3.94	0.04	0.00
24.40	3.94	0.04	0.00	30.10	3.94	0.04	0.00
24.50	3.94	0.04	0.00	30.20	3.94	0.04	0.00
24.60	3.94	0.04	0.00	30.30	3.94	0.04	0.00
24.70	3.94	0.04	0.00	30.40	3.94	0.04	0.00
24.80	3.94	0.04	0.00	30.50	3.94	0.04	0.00
24.90	3.94	0.04	0.00	30.60	3.94	0.04	0.00
25.00	3.94	0.04	0.00	30.70	3.94	0.04	0.00
25.10	3.94	0.04	0.00	30.80	3.94	0.04	0.00
25.20	3.94	0.04	0.00	30.90	3.94	0.04	0.00
25.30	3.94	0.04	0.00	31.00	3.94	0.04	0.00
25.40	3.94	0.04	0.00	31.10	3.94	0.04	0.00
25.50	3.94	0.04	0.00	31.20	3.94	0.04	0.00
25.60	3.94	0.04	0.00	31.30	3.94	0.04	0.00
25.70	3.94	0.04	0.00	31.40	3.94	0.04	0.00
25.80	3.94	0.04	0.00	31.50	3.94	0.04	0.00
25.90	3.94	0.04	0.00	31.60	3.94	0.04	0.00
26.00	3.94	0.04	0.00	31.70	3.94	0.04	0.00
26.10	3.94	0.04	0.00	31.80	3.94	0.04	0.00
26.20	3.94	0.04	0.00	31.90	3.94	0.04	0.00
26.30	3.94	0.04	0.00	32.00	3.94	0.04	0.00
26.40	3.94	0.04	0.00	32.10	3.94	0.04	0.00
26.50	3.94	0.04	0.00	32.20	3.94	0.04	0.00
26.60	3.94	0.04	0.00	32.30	3.94	0.04	0.00
26.70	3.94	0.04	0.00	32.40	3.94	0.04	0.00
26.80	3.94	0.04	0.00	32.50	3.94	0.04	0.00
26.90	3.94	0.04	0.00	32.60	3.94	0.04	0.00
27.00	3.94	0.04	0.00	32.70	3.94	0.04	0.00
27.10	3.94	0.04	0.00	32.80	3.94	0.04	0.00
27.20	3.94	0.04	0.00	32.90	3.94	0.04	0.00
27.30	3.94	0.04	0.00	33.00	3.94	0.04	0.00
27.40	3.94	0.04	0.00	33.10	3.94	0.04	0.00
27.50	3.94	0.04	0.00	33.20	3.94	0.04	0.00
27.60	3.94	0.04	0.00	33.30	3.94	0.04	0.00
27.70	3.94	0.04	0.00	33.40	3.94	0.04	0.00
27.80	3.94	0.04	0.00	33.50	3.94	0.04	0.00
27.90	3.94	0.04	0.00	33.60	3.94	0.04	0.00
28.00	3.94	0.04	0.00	33.70	3.94	0.04	0.00
28.10	3.94	0.04	0.00	33.80	3.94	0.04	0.00
28.20	3.94	0.04	0.00	33.90	3.94	0.04	0.00
28.30	3.94	0.04	0.00	34.00	3.94	0.04	0.00
28.40	3.94	0.04	0.00	34.10	3.94	0.04	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	3.94	0.04	0.00	39.90	3.94	0.04	0.00
34.30	3.94	0.04	0.00	40.00	3.94	0.04	0.00
34.40	3.94	0.04	0.00	40.10	3.94	0.04	0.00
34.50	3.94	0.04	0.00	40.20	3.94	0.04	0.00
34.60	3.94	0.04	0.00	40.30	3.94	0.04	0.00
34.70	3.94	0.04	0.00	40.40	3.94	0.04	0.00
34.80	3.94	0.04	0.00	40.50	3.94	0.04	0.00
34.90	3.94	0.04	0.00	40.60	3.94	0.04	0.00
35.00	3.94	0.04	0.00	40.70	3.94	0.04	0.00
35.10	3.94	0.04	0.00	40.80	3.94	0.04	0.00
35.20	3.94	0.04	0.00	40.90	3.94	0.04	0.00
35.30	3.94	0.04	0.00	41.00	3.94	0.04	0.00
35.40	3.94	0.04	0.00	41.10	3.94	0.04	0.00
35.50	3.94	0.04	0.00	41.20	3.94	0.04	0.00
35.60	3.94	0.04	0.00	41.30	3.94	0.04	0.00
35.70	3.94	0.04	0.00	41.40	3.94	0.04	0.00
35.80	3.94	0.04	0.00	41.50	3.94	0.04	0.00
35.90	3.94	0.04	0.00	41.60	3.94	0.04	0.00
36.00	3.94	0.04	0.00	41.70	3.94	0.04	0.00
36.10	3.94	0.04	0.00	41.80	3.94	0.04	0.00
36.20	3.94	0.04	0.00	41.90	3.94	0.04	0.00
36.30	3.94	0.04	0.00	42.00	3.94	0.04	0.00
36.40	3.94	0.04	0.00	42.10	3.94	0.04	0.00
36.50	3.94	0.04	0.00	42.20	3.94	0.04	0.00
36.60	3.94	0.04	0.00	42.30	3.94	0.04	0.00
36.70	3.94	0.04	0.00	42.40	3.94	0.04	0.00
36.80	3.94	0.04	0.00	42.50	3.94	0.04	0.00
36.90	3.94	0.04	0.00	42.60	3.94	0.04	0.00
37.00	3.94	0.04	0.00	42.70	3.94	0.04	0.00
37.10	3.94	0.04	0.00	42.80	3.94	0.04	0.00
37.20	3.94	0.04	0.00	42.90	3.94	0.04	0.00
37.30	3.94	0.04	0.00	43.00	3.94	0.04	0.00
37.40	3.94	0.04	0.00	43.10	3.94	0.04	0.00
37.50	3.94	0.04	0.00	43.20	3.94	0.04	0.00
37.60	3.94	0.04	0.00	43.30	3.94	0.04	0.00
37.70	3.94	0.04	0.00	43.40	3.94	0.04	0.00
37.80	3.94	0.04	0.00	43.50	3.94	0.04	0.00
37.90	3.94	0.04	0.00	43.60	3.94	0.04	0.00
38.00	3.94	0.04	0.00	43.70	3.94	0.04	0.00
38.10	3.94	0.04	0.00	43.80	3.94	0.04	0.00
38.20	3.94	0.04	0.00	43.90	3.94	0.04	0.00
38.30	3.94	0.04	0.00	44.00	3.94	0.04	0.00
38.40	3.94	0.04	0.00	44.10	3.94	0.04	0.00
38.50	3.94	0.04	0.00	44.20	3.94	0.04	0.00
38.60	3.94	0.04	0.00	44.30	3.94	0.04	0.00
38.70	3.94	0.04	0.00	44.40	3.94	0.04	0.00
38.80	3.94	0.04	0.00	44.50	3.94	0.04	0.00
38.90	3.94	0.04	0.00	44.60	3.94	0.04	0.00
39.00	3.94	0.04	0.00	44.70	3.94	0.04	0.00
39.10	3.94	0.04	0.00	44.80	3.94	0.04	0.00
39.20	3.94	0.04	0.00	44.90	3.94	0.04	0.00
39.30	3.94	0.04	0.00	45.00	3.94	0.04	0.00
39.40	3.94	0.04	0.00	45.10	3.94	0.04	0.00
39.50	3.94	0.04	0.00	45.20	3.94	0.04	0.00
39.60	3.94	0.04	0.00	45.30	3.94	0.04	0.00
39.70	3.94	0.04	0.00	45.40	3.94	0.04	0.00
39.80	3.94	0.04	0.00	45.50	3.94	0.04	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	3.94	0.04	0.00	51.30	3.94	0.04	0.00
45.70	3.94	0.04	0.00	51.40	3.94	0.04	0.00
45.80	3.94	0.04	0.00	51.50	3.94	0.04	0.00
45.90	3.94	0.04	0.00	51.60	3.94	0.04	0.00
46.00	3.94	0.04	0.00	51.70	3.94	0.04	0.00
46.10	3.94	0.04	0.00	51.80	3.94	0.04	0.00
46.20	3.94	0.04	0.00	51.90	3.94	0.04	0.00
46.30	3.94	0.04	0.00	52.00	3.94	0.04	0.00
46.40	3.94	0.04	0.00	52.10	3.94	0.04	0.00
46.50	3.94	0.04	0.00	52.20	3.94	0.04	0.00
46.60	3.94	0.04	0.00	52.30	3.94	0.04	0.00
46.70	3.94	0.04	0.00	52.40	3.94	0.04	0.00
46.80	3.94	0.04	0.00	52.50	3.94	0.04	0.00
46.90	3.94	0.04	0.00	52.60	3.94	0.04	0.00
47.00	3.94	0.04	0.00	52.70	3.94	0.04	0.00
47.10	3.94	0.04	0.00	52.80	3.94	0.04	0.00
47.20	3.94	0.04	0.00	52.90	3.94	0.04	0.00
47.30	3.94	0.04	0.00	53.00	3.94	0.04	0.00
47.40	3.94	0.04	0.00	53.10	3.94	0.04	0.00
47.50	3.94	0.04	0.00	53.20	3.94	0.04	0.00
47.60	3.94	0.04	0.00	53.30	3.94	0.04	0.00
47.70	3.94	0.04	0.00	53.40	3.94	0.04	0.00
47.80	3.94	0.04	0.00	53.50	3.94	0.04	0.00
47.90	3.94	0.04	0.00	53.60	3.94	0.04	0.00
48.00	3.94	0.04	0.00	53.70	3.94	0.04	0.00
48.10	3.94	0.04	0.00	53.80	3.94	0.04	0.00
48.20	3.94	0.04	0.00	53.90	3.94	0.04	0.00
48.30	3.94	0.04	0.00	54.00	3.94	0.04	0.00
48.40	3.94	0.04	0.00	54.10	3.94	0.04	0.00
48.50	3.94	0.04	0.00	54.20	3.94	0.04	0.00
48.60	3.94	0.04	0.00	54.30	3.94	0.04	0.00
48.70	3.94	0.04	0.00	54.40	3.94	0.04	0.00
48.80	3.94	0.04	0.00	54.50	3.94	0.04	0.00
48.90	3.94	0.04	0.00	54.60	3.94	0.04	0.00
49.00	3.94	0.04	0.00	54.70	3.94	0.04	0.00
49.10	3.94	0.04	0.00	54.80	3.94	0.04	0.00
49.20	3.94	0.04	0.00	54.90	3.94	0.04	0.00
49.30	3.94	0.04	0.00	55.00	3.94	0.04	0.00
49.40	3.94	0.04	0.00	55.10	3.94	0.04	0.00
49.50	3.94	0.04	0.00	55.20	3.94	0.04	0.00
49.60	3.94	0.04	0.00	55.30	3.94	0.04	0.00
49.70	3.94	0.04	0.00	55.40	3.94	0.04	0.00
49.80	3.94	0.04	0.00	55.50	3.94	0.04	0.00
49.90	3.94	0.04	0.00	55.60	3.94	0.04	0.00
50.00	3.94	0.04	0.00	55.70	3.94	0.04	0.00
50.10	3.94	0.04	0.00	55.80	3.94	0.04	0.00
50.20	3.94	0.04	0.00	55.90	3.94	0.04	0.00
50.30	3.94	0.04	0.00	56.00	3.94	0.04	0.00
50.40	3.94	0.04	0.00	56.10	3.94	0.04	0.00
50.50	3.94	0.04	0.00	56.20	3.94	0.04	0.00
50.60	3.94	0.04	0.00	56.30	3.94	0.04	0.00
50.70	3.94	0.04	0.00	56.40	3.94	0.04	0.00
50.80	3.94	0.04	0.00	56.50	3.94	0.04	0.00
50.90	3.94	0.04	0.00	56.60	3.94	0.04	0.00
51.00	3.94	0.04	0.00	56.70	3.94	0.04	0.00
51.10	3.94	0.04	0.00	56.80	3.94	0.04	0.00
51.20	3.94	0.04	0.00	56.90	3.94	0.04	0.00

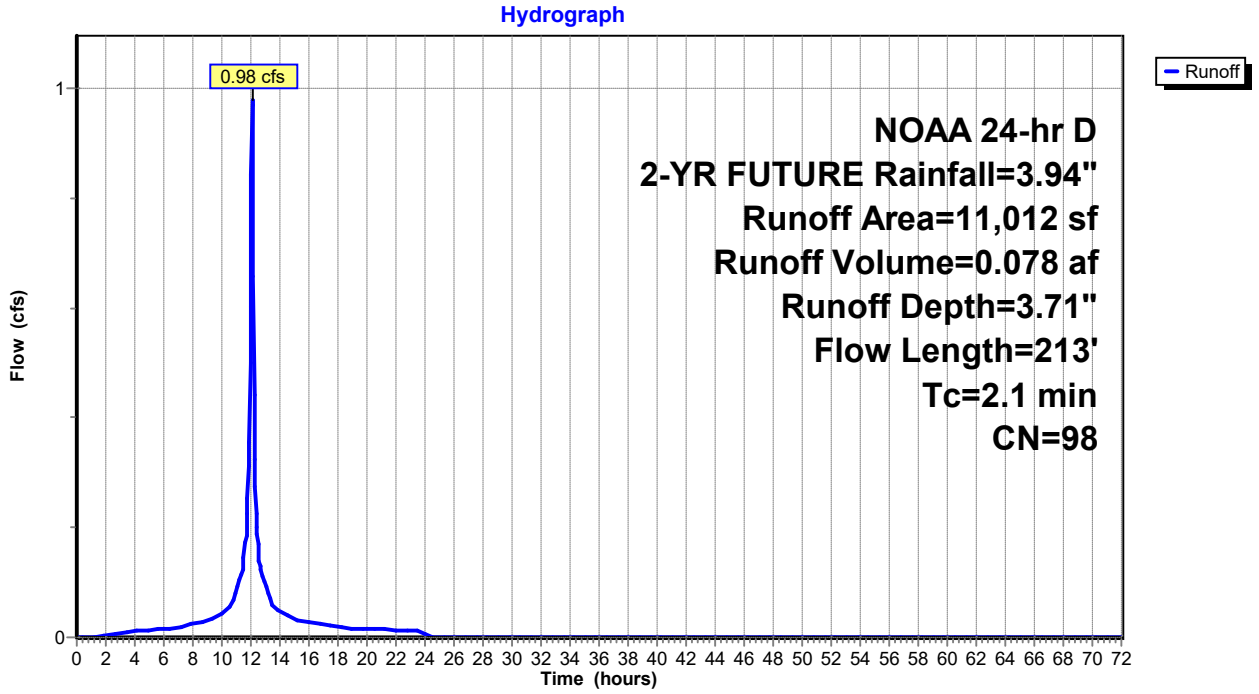
Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	3.94	0.04	0.00	62.70	3.94	0.04	0.00
57.10	3.94	0.04	0.00	62.80	3.94	0.04	0.00
57.20	3.94	0.04	0.00	62.90	3.94	0.04	0.00
57.30	3.94	0.04	0.00	63.00	3.94	0.04	0.00
57.40	3.94	0.04	0.00	63.10	3.94	0.04	0.00
57.50	3.94	0.04	0.00	63.20	3.94	0.04	0.00
57.60	3.94	0.04	0.00	63.30	3.94	0.04	0.00
57.70	3.94	0.04	0.00	63.40	3.94	0.04	0.00
57.80	3.94	0.04	0.00	63.50	3.94	0.04	0.00
57.90	3.94	0.04	0.00	63.60	3.94	0.04	0.00
58.00	3.94	0.04	0.00	63.70	3.94	0.04	0.00
58.10	3.94	0.04	0.00	63.80	3.94	0.04	0.00
58.20	3.94	0.04	0.00	63.90	3.94	0.04	0.00
58.30	3.94	0.04	0.00	64.00	3.94	0.04	0.00
58.40	3.94	0.04	0.00	64.10	3.94	0.04	0.00
58.50	3.94	0.04	0.00	64.20	3.94	0.04	0.00
58.60	3.94	0.04	0.00	64.30	3.94	0.04	0.00
58.70	3.94	0.04	0.00	64.40	3.94	0.04	0.00
58.80	3.94	0.04	0.00	64.50	3.94	0.04	0.00
58.90	3.94	0.04	0.00	64.60	3.94	0.04	0.00
59.00	3.94	0.04	0.00	64.70	3.94	0.04	0.00
59.10	3.94	0.04	0.00	64.80	3.94	0.04	0.00
59.20	3.94	0.04	0.00	64.90	3.94	0.04	0.00
59.30	3.94	0.04	0.00	65.00	3.94	0.04	0.00
59.40	3.94	0.04	0.00	65.10	3.94	0.04	0.00
59.50	3.94	0.04	0.00	65.20	3.94	0.04	0.00
59.60	3.94	0.04	0.00	65.30	3.94	0.04	0.00
59.70	3.94	0.04	0.00	65.40	3.94	0.04	0.00
59.80	3.94	0.04	0.00	65.50	3.94	0.04	0.00
59.90	3.94	0.04	0.00	65.60	3.94	0.04	0.00
60.00	3.94	0.04	0.00	65.70	3.94	0.04	0.00
60.10	3.94	0.04	0.00	65.80	3.94	0.04	0.00
60.20	3.94	0.04	0.00	65.90	3.94	0.04	0.00
60.30	3.94	0.04	0.00	66.00	3.94	0.04	0.00
60.40	3.94	0.04	0.00	66.10	3.94	0.04	0.00
60.50	3.94	0.04	0.00	66.20	3.94	0.04	0.00
60.60	3.94	0.04	0.00	66.30	3.94	0.04	0.00
60.70	3.94	0.04	0.00	66.40	3.94	0.04	0.00
60.80	3.94	0.04	0.00	66.50	3.94	0.04	0.00
60.90	3.94	0.04	0.00	66.60	3.94	0.04	0.00
61.00	3.94	0.04	0.00	66.70	3.94	0.04	0.00
61.10	3.94	0.04	0.00	66.80	3.94	0.04	0.00
61.20	3.94	0.04	0.00	66.90	3.94	0.04	0.00
61.30	3.94	0.04	0.00	67.00	3.94	0.04	0.00
61.40	3.94	0.04	0.00	67.10	3.94	0.04	0.00
61.50	3.94	0.04	0.00	67.20	3.94	0.04	0.00
61.60	3.94	0.04	0.00	67.30	3.94	0.04	0.00
61.70	3.94	0.04	0.00	67.40	3.94	0.04	0.00
61.80	3.94	0.04	0.00	67.50	3.94	0.04	0.00
61.90	3.94	0.04	0.00	67.60	3.94	0.04	0.00
62.00	3.94	0.04	0.00	67.70	3.94	0.04	0.00
62.10	3.94	0.04	0.00	67.80	3.94	0.04	0.00
62.20	3.94	0.04	0.00	67.90	3.94	0.04	0.00
62.30	3.94	0.04	0.00	68.00	3.94	0.04	0.00
62.40	3.94	0.04	0.00	68.10	3.94	0.04	0.00
62.50	3.94	0.04	0.00	68.20	3.94	0.04	0.00
62.60	3.94	0.04	0.00	68.30	3.94	0.04	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	3.94	0.04	0.00
68.50	3.94	0.04	0.00
68.60	3.94	0.04	0.00
68.70	3.94	0.04	0.00
68.80	3.94	0.04	0.00
68.90	3.94	0.04	0.00
69.00	3.94	0.04	0.00
69.10	3.94	0.04	0.00
69.20	3.94	0.04	0.00
69.30	3.94	0.04	0.00
69.40	3.94	0.04	0.00
69.50	3.94	0.04	0.00
69.60	3.94	0.04	0.00
69.70	3.94	0.04	0.00
69.80	3.94	0.04	0.00
69.90	3.94	0.04	0.00
70.00	3.94	0.04	0.00
70.10	3.94	0.04	0.00
70.20	3.94	0.04	0.00
70.30	3.94	0.04	0.00
70.40	3.94	0.04	0.00
70.50	3.94	0.04	0.00
70.60	3.94	0.04	0.00
70.70	3.94	0.04	0.00
70.80	3.94	0.04	0.00
70.90	3.94	0.04	0.00
71.00	3.94	0.04	0.00
71.10	3.94	0.04	0.00
71.20	3.94	0.04	0.00
71.30	3.94	0.04	0.00
71.40	3.94	0.04	0.00
71.50	3.94	0.04	0.00
71.60	3.94	0.04	0.00
71.70	3.94	0.04	0.00
71.80	3.94	0.04	0.00
71.90	3.94	0.04	0.00
72.00	3.94	0.04	0.00

Subcatchment 4S: EDA 2-Impervious



Hydrograph for Subcatchment 4S: EDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.32	0.16	0.01
0.10	0.00	0.00	0.00	5.80	0.32	0.16	0.01
0.20	0.01	0.00	0.00	5.90	0.33	0.17	0.01
0.30	0.01	0.00	0.00	6.00	0.34	0.17	0.01
0.40	0.02	0.00	0.00	6.10	0.34	0.18	0.02
0.50	0.02	0.00	0.00	6.20	0.35	0.19	0.02
0.60	0.03	0.00	0.00	6.30	0.36	0.19	0.02
0.70	0.03	0.00	0.00	6.40	0.37	0.20	0.02
0.80	0.04	0.00	0.00	6.50	0.37	0.21	0.02
0.90	0.04	0.00	0.00	6.60	0.38	0.21	0.02
1.00	0.05	0.00	0.00	6.70	0.39	0.22	0.02
1.10	0.05	0.00	0.00	6.80	0.40	0.23	0.02
1.20	0.05	0.00	0.00	6.90	0.41	0.23	0.02
1.30	0.06	0.00	0.00	7.00	0.42	0.24	0.02
1.40	0.06	0.00	0.00	7.10	0.42	0.25	0.02
1.50	0.07	0.00	0.00	7.20	0.43	0.26	0.02
1.60	0.07	0.00	0.00	7.30	0.44	0.27	0.02
1.70	0.08	0.01	0.00	7.40	0.45	0.27	0.02
1.80	0.08	0.01	0.00	7.50	0.46	0.28	0.02
1.90	0.09	0.01	0.00	7.60	0.47	0.29	0.02
2.00	0.09	0.01	0.00	7.70	0.48	0.30	0.02
2.10	0.10	0.01	0.01	7.80	0.49	0.31	0.02
2.20	0.11	0.02	0.01	7.90	0.50	0.32	0.02
2.30	0.11	0.02	0.01	8.00	0.51	0.33	0.02
2.40	0.12	0.02	0.01	8.10	0.52	0.34	0.02
2.50	0.12	0.02	0.01	8.20	0.53	0.35	0.02
2.60	0.13	0.03	0.01	8.30	0.54	0.36	0.03
2.70	0.13	0.03	0.01	8.40	0.55	0.37	0.03
2.80	0.14	0.03	0.01	8.50	0.57	0.38	0.03
2.90	0.14	0.03	0.01	8.60	0.58	0.39	0.03
3.00	0.15	0.04	0.01	8.70	0.59	0.40	0.03
3.10	0.15	0.04	0.01	8.80	0.60	0.41	0.03
3.20	0.16	0.04	0.01	8.90	0.61	0.42	0.03
3.30	0.17	0.05	0.01	9.00	0.63	0.43	0.03
3.40	0.17	0.05	0.01	9.10	0.64	0.44	0.03
3.50	0.18	0.05	0.01	9.20	0.65	0.46	0.03
3.60	0.18	0.06	0.01	9.30	0.67	0.47	0.03
3.70	0.19	0.06	0.01	9.40	0.68	0.48	0.03
3.80	0.19	0.07	0.01	9.50	0.70	0.50	0.04
3.90	0.20	0.07	0.01	9.60	0.71	0.51	0.04
4.00	0.21	0.07	0.01	9.70	0.73	0.53	0.04
4.10	0.21	0.08	0.01	9.80	0.74	0.55	0.04
4.20	0.22	0.08	0.01	9.90	0.76	0.56	0.04
4.30	0.23	0.09	0.01	10.00	0.78	0.58	0.04
4.40	0.23	0.09	0.01	10.10	0.80	0.60	0.05
4.50	0.24	0.10	0.01	10.20	0.82	0.62	0.05
4.60	0.24	0.10	0.01	10.30	0.84	0.64	0.05
4.70	0.25	0.11	0.01	10.40	0.86	0.66	0.05
4.80	0.26	0.11	0.01	10.50	0.88	0.68	0.05
4.90	0.26	0.12	0.01	10.60	0.91	0.70	0.06
5.00	0.27	0.12	0.01	10.70	0.93	0.73	0.06
5.10	0.28	0.13	0.01	10.80	0.96	0.75	0.07
5.20	0.28	0.13	0.01	10.90	0.99	0.78	0.08
5.30	0.29	0.14	0.01	11.00	1.02	0.81	0.08
5.40	0.30	0.14	0.01	11.10	1.06	0.85	0.09
5.50	0.30	0.15	0.01	11.20	1.10	0.89	0.10
5.60	0.31	0.15	0.01	11.30	1.15	0.93	0.11

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.20	0.98	0.12	17.10	3.53	3.30	0.02
11.50	1.25	1.03	0.13	17.20	3.54	3.31	0.02
11.60	1.32	1.10	0.17	17.30	3.55	3.32	0.02
11.70	1.40	1.18	0.19	17.40	3.56	3.32	0.02
11.80	1.50	1.28	0.25	17.50	3.57	3.33	0.02
11.90	1.64	1.42	0.35	17.60	3.57	3.34	0.02
12.00	1.89	1.66	0.60	17.70	3.58	3.35	0.02
12.10	2.30	2.07	**0.97**	17.80	3.59	3.36	0.02
12.20	2.44	2.21	0.44	17.90	3.60	3.36	0.02
12.30	2.54	2.32	0.27	18.00	3.60	3.37	0.02
12.40	2.62	2.39	0.20	18.10	3.61	3.38	0.02
12.50	2.69	2.46	0.18	18.20	3.62	3.38	0.02
12.60	2.74	2.51	0.14	18.30	3.62	3.39	0.02
12.70	2.79	2.56	0.13	18.40	3.63	3.40	0.02
12.80	2.84	2.61	0.12	18.50	3.64	3.40	0.02
12.90	2.88	2.65	0.10	18.60	3.64	3.41	0.02
13.00	2.92	2.68	0.09	18.70	3.65	3.42	0.02
13.10	2.95	2.72	0.08	18.80	3.66	3.42	0.02
13.20	2.98	2.75	0.08	18.90	3.66	3.43	0.02
13.30	3.01	2.78	0.07	19.00	3.67	3.44	0.02
13.40	3.03	2.80	0.07	19.10	3.68	3.44	0.02
13.50	3.06	2.83	0.06	19.20	3.68	3.45	0.02
13.60	3.08	2.85	0.06	19.30	3.69	3.46	0.02
13.70	3.10	2.87	0.05	19.40	3.70	3.46	0.02
13.80	3.12	2.89	0.05	19.50	3.70	3.47	0.02
13.90	3.14	2.91	0.05	19.60	3.71	3.47	0.02
14.00	3.16	2.93	0.05	19.70	3.71	3.48	0.02
14.10	3.18	2.94	0.05	19.80	3.72	3.49	0.02
14.20	3.20	2.96	0.05	19.90	3.73	3.49	0.02
14.30	3.21	2.98	0.04	20.00	3.73	3.50	0.02
14.40	3.23	3.00	0.04	20.10	3.74	3.51	0.02
14.50	3.24	3.01	0.04	20.20	3.75	3.51	0.02
14.60	3.26	3.03	0.04	20.30	3.75	3.52	0.02
14.70	3.27	3.04	0.04	20.40	3.76	3.52	0.02
14.80	3.29	3.06	0.04	20.50	3.76	3.53	0.01
14.90	3.30	3.07	0.03	20.60	3.77	3.53	0.01
15.00	3.31	3.08	0.03	20.70	3.77	3.54	0.01
15.10	3.33	3.09	0.03	20.80	3.78	3.55	0.01
15.20	3.34	3.11	0.03	20.90	3.79	3.55	0.01
15.30	3.35	3.12	0.03	21.00	3.79	3.56	0.01
15.40	3.36	3.13	0.03	21.10	3.80	3.56	0.01
15.50	3.37	3.14	0.03	21.20	3.80	3.57	0.01
15.60	3.39	3.15	0.03	21.30	3.81	3.57	0.01
15.70	3.40	3.16	0.03	21.40	3.81	3.58	0.01
15.80	3.41	3.17	0.03	21.50	3.82	3.58	0.01
15.90	3.42	3.18	0.03	21.60	3.82	3.59	0.01
16.00	3.43	3.20	0.03	21.70	3.83	3.60	0.01
16.10	3.44	3.21	0.03	21.80	3.83	3.60	0.01
16.20	3.45	3.22	0.03	21.90	3.84	3.61	0.01
16.30	3.46	3.23	0.03	22.00	3.85	3.61	0.01
16.40	3.47	3.24	0.03	22.10	3.85	3.62	0.01
16.50	3.48	3.25	0.02	22.20	3.86	3.62	0.01
16.60	3.49	3.26	0.02	22.30	3.86	3.63	0.01
16.70	3.50	3.26	0.02	22.40	3.87	3.63	0.01
16.80	3.51	3.27	0.02	22.50	3.87	3.64	0.01
16.90	3.52	3.28	0.02	22.60	3.88	3.64	0.01
17.00	3.52	3.29	0.02	22.70	3.88	3.65	0.01

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	3.89	3.65	0.01	28.50	3.94	3.71	0.00
22.90	3.89	3.66	0.01	28.60	3.94	3.71	0.00
23.00	3.89	3.66	0.01	28.70	3.94	3.71	0.00
23.10	3.90	3.66	0.01	28.80	3.94	3.71	0.00
23.20	3.90	3.67	0.01	28.90	3.94	3.71	0.00
23.30	3.91	3.67	0.01	29.00	3.94	3.71	0.00
23.40	3.91	3.68	0.01	29.10	3.94	3.71	0.00
23.50	3.92	3.68	0.01	29.20	3.94	3.71	0.00
23.60	3.92	3.69	0.01	29.30	3.94	3.71	0.00
23.70	3.93	3.69	0.01	29.40	3.94	3.71	0.00
23.80	3.93	3.70	0.01	29.50	3.94	3.71	0.00
23.90	3.94	3.70	0.01	29.60	3.94	3.71	0.00
24.00	**3.94**	**3.71**	0.01	29.70	3.94	3.71	0.00
24.10	3.94	3.71	0.00	29.80	3.94	3.71	0.00
24.20	3.94	3.71	0.00	29.90	3.94	3.71	0.00
24.30	3.94	3.71	0.00	30.00	3.94	3.71	0.00
24.40	3.94	3.71	0.00	30.10	3.94	3.71	0.00
24.50	3.94	3.71	0.00	30.20	3.94	3.71	0.00
24.60	3.94	3.71	0.00	30.30	3.94	3.71	0.00
24.70	3.94	3.71	0.00	30.40	3.94	3.71	0.00
24.80	3.94	3.71	0.00	30.50	3.94	3.71	0.00
24.90	3.94	3.71	0.00	30.60	3.94	3.71	0.00
25.00	3.94	3.71	0.00	30.70	3.94	3.71	0.00
25.10	3.94	3.71	0.00	30.80	3.94	3.71	0.00
25.20	3.94	3.71	0.00	30.90	3.94	3.71	0.00
25.30	3.94	3.71	0.00	31.00	3.94	3.71	0.00
25.40	3.94	3.71	0.00	31.10	3.94	3.71	0.00
25.50	3.94	3.71	0.00	31.20	3.94	3.71	0.00
25.60	3.94	3.71	0.00	31.30	3.94	3.71	0.00
25.70	3.94	3.71	0.00	31.40	3.94	3.71	0.00
25.80	3.94	3.71	0.00	31.50	3.94	3.71	0.00
25.90	3.94	3.71	0.00	31.60	3.94	3.71	0.00
26.00	3.94	3.71	0.00	31.70	3.94	3.71	0.00
26.10	3.94	3.71	0.00	31.80	3.94	3.71	0.00
26.20	3.94	3.71	0.00	31.90	3.94	3.71	0.00
26.30	3.94	3.71	0.00	32.00	3.94	3.71	0.00
26.40	3.94	3.71	0.00	32.10	3.94	3.71	0.00
26.50	3.94	3.71	0.00	32.20	3.94	3.71	0.00
26.60	3.94	3.71	0.00	32.30	3.94	3.71	0.00
26.70	3.94	3.71	0.00	32.40	3.94	3.71	0.00
26.80	3.94	3.71	0.00	32.50	3.94	3.71	0.00
26.90	3.94	3.71	0.00	32.60	3.94	3.71	0.00
27.00	3.94	3.71	0.00	32.70	3.94	3.71	0.00
27.10	3.94	3.71	0.00	32.80	3.94	3.71	0.00
27.20	3.94	3.71	0.00	32.90	3.94	3.71	0.00
27.30	3.94	3.71	0.00	33.00	3.94	3.71	0.00
27.40	3.94	3.71	0.00	33.10	3.94	3.71	0.00
27.50	3.94	3.71	0.00	33.20	3.94	3.71	0.00
27.60	3.94	3.71	0.00	33.30	3.94	3.71	0.00
27.70	3.94	3.71	0.00	33.40	3.94	3.71	0.00
27.80	3.94	3.71	0.00	33.50	3.94	3.71	0.00
27.90	3.94	3.71	0.00	33.60	3.94	3.71	0.00
28.00	3.94	3.71	0.00	33.70	3.94	3.71	0.00
28.10	3.94	3.71	0.00	33.80	3.94	3.71	0.00
28.20	3.94	3.71	0.00	33.90	3.94	3.71	0.00
28.30	3.94	3.71	0.00	34.00	3.94	3.71	0.00
28.40	3.94	3.71	0.00	34.10	3.94	3.71	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	3.94	3.71	0.00	39.90	3.94	3.71	0.00
34.30	3.94	3.71	0.00	40.00	3.94	3.71	0.00
34.40	3.94	3.71	0.00	40.10	3.94	3.71	0.00
34.50	3.94	3.71	0.00	40.20	3.94	3.71	0.00
34.60	3.94	3.71	0.00	40.30	3.94	3.71	0.00
34.70	3.94	3.71	0.00	40.40	3.94	3.71	0.00
34.80	3.94	3.71	0.00	40.50	3.94	3.71	0.00
34.90	3.94	3.71	0.00	40.60	3.94	3.71	0.00
35.00	3.94	3.71	0.00	40.70	3.94	3.71	0.00
35.10	3.94	3.71	0.00	40.80	3.94	3.71	0.00
35.20	3.94	3.71	0.00	40.90	3.94	3.71	0.00
35.30	3.94	3.71	0.00	41.00	3.94	3.71	0.00
35.40	3.94	3.71	0.00	41.10	3.94	3.71	0.00
35.50	3.94	3.71	0.00	41.20	3.94	3.71	0.00
35.60	3.94	3.71	0.00	41.30	3.94	3.71	0.00
35.70	3.94	3.71	0.00	41.40	3.94	3.71	0.00
35.80	3.94	3.71	0.00	41.50	3.94	3.71	0.00
35.90	3.94	3.71	0.00	41.60	3.94	3.71	0.00
36.00	3.94	3.71	0.00	41.70	3.94	3.71	0.00
36.10	3.94	3.71	0.00	41.80	3.94	3.71	0.00
36.20	3.94	3.71	0.00	41.90	3.94	3.71	0.00
36.30	3.94	3.71	0.00	42.00	3.94	3.71	0.00
36.40	3.94	3.71	0.00	42.10	3.94	3.71	0.00
36.50	3.94	3.71	0.00	42.20	3.94	3.71	0.00
36.60	3.94	3.71	0.00	42.30	3.94	3.71	0.00
36.70	3.94	3.71	0.00	42.40	3.94	3.71	0.00
36.80	3.94	3.71	0.00	42.50	3.94	3.71	0.00
36.90	3.94	3.71	0.00	42.60	3.94	3.71	0.00
37.00	3.94	3.71	0.00	42.70	3.94	3.71	0.00
37.10	3.94	3.71	0.00	42.80	3.94	3.71	0.00
37.20	3.94	3.71	0.00	42.90	3.94	3.71	0.00
37.30	3.94	3.71	0.00	43.00	3.94	3.71	0.00
37.40	3.94	3.71	0.00	43.10	3.94	3.71	0.00
37.50	3.94	3.71	0.00	43.20	3.94	3.71	0.00
37.60	3.94	3.71	0.00	43.30	3.94	3.71	0.00
37.70	3.94	3.71	0.00	43.40	3.94	3.71	0.00
37.80	3.94	3.71	0.00	43.50	3.94	3.71	0.00
37.90	3.94	3.71	0.00	43.60	3.94	3.71	0.00
38.00	3.94	3.71	0.00	43.70	3.94	3.71	0.00
38.10	3.94	3.71	0.00	43.80	3.94	3.71	0.00
38.20	3.94	3.71	0.00	43.90	3.94	3.71	0.00
38.30	3.94	3.71	0.00	44.00	3.94	3.71	0.00
38.40	3.94	3.71	0.00	44.10	3.94	3.71	0.00
38.50	3.94	3.71	0.00	44.20	3.94	3.71	0.00
38.60	3.94	3.71	0.00	44.30	3.94	3.71	0.00
38.70	3.94	3.71	0.00	44.40	3.94	3.71	0.00
38.80	3.94	3.71	0.00	44.50	3.94	3.71	0.00
38.90	3.94	3.71	0.00	44.60	3.94	3.71	0.00
39.00	3.94	3.71	0.00	44.70	3.94	3.71	0.00
39.10	3.94	3.71	0.00	44.80	3.94	3.71	0.00
39.20	3.94	3.71	0.00	44.90	3.94	3.71	0.00
39.30	3.94	3.71	0.00	45.00	3.94	3.71	0.00
39.40	3.94	3.71	0.00	45.10	3.94	3.71	0.00
39.50	3.94	3.71	0.00	45.20	3.94	3.71	0.00
39.60	3.94	3.71	0.00	45.30	3.94	3.71	0.00
39.70	3.94	3.71	0.00	45.40	3.94	3.71	0.00
39.80	3.94	3.71	0.00	45.50	3.94	3.71	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	3.94	3.71	0.00	51.30	3.94	3.71	0.00
45.70	3.94	3.71	0.00	51.40	3.94	3.71	0.00
45.80	3.94	3.71	0.00	51.50	3.94	3.71	0.00
45.90	3.94	3.71	0.00	51.60	3.94	3.71	0.00
46.00	3.94	3.71	0.00	51.70	3.94	3.71	0.00
46.10	3.94	3.71	0.00	51.80	3.94	3.71	0.00
46.20	3.94	3.71	0.00	51.90	3.94	3.71	0.00
46.30	3.94	3.71	0.00	52.00	3.94	3.71	0.00
46.40	3.94	3.71	0.00	52.10	3.94	3.71	0.00
46.50	3.94	3.71	0.00	52.20	3.94	3.71	0.00
46.60	3.94	3.71	0.00	52.30	3.94	3.71	0.00
46.70	3.94	3.71	0.00	52.40	3.94	3.71	0.00
46.80	3.94	3.71	0.00	52.50	3.94	3.71	0.00
46.90	3.94	3.71	0.00	52.60	3.94	3.71	0.00
47.00	3.94	3.71	0.00	52.70	3.94	3.71	0.00
47.10	3.94	3.71	0.00	52.80	3.94	3.71	0.00
47.20	3.94	3.71	0.00	52.90	3.94	3.71	0.00
47.30	3.94	3.71	0.00	53.00	3.94	3.71	0.00
47.40	3.94	3.71	0.00	53.10	3.94	3.71	0.00
47.50	3.94	3.71	0.00	53.20	3.94	3.71	0.00
47.60	3.94	3.71	0.00	53.30	3.94	3.71	0.00
47.70	3.94	3.71	0.00	53.40	3.94	3.71	0.00
47.80	3.94	3.71	0.00	53.50	3.94	3.71	0.00
47.90	3.94	3.71	0.00	53.60	3.94	3.71	0.00
48.00	3.94	3.71	0.00	53.70	3.94	3.71	0.00
48.10	3.94	3.71	0.00	53.80	3.94	3.71	0.00
48.20	3.94	3.71	0.00	53.90	3.94	3.71	0.00
48.30	3.94	3.71	0.00	54.00	3.94	3.71	0.00
48.40	3.94	3.71	0.00	54.10	3.94	3.71	0.00
48.50	3.94	3.71	0.00	54.20	3.94	3.71	0.00
48.60	3.94	3.71	0.00	54.30	3.94	3.71	0.00
48.70	3.94	3.71	0.00	54.40	3.94	3.71	0.00
48.80	3.94	3.71	0.00	54.50	3.94	3.71	0.00
48.90	3.94	3.71	0.00	54.60	3.94	3.71	0.00
49.00	3.94	3.71	0.00	54.70	3.94	3.71	0.00
49.10	3.94	3.71	0.00	54.80	3.94	3.71	0.00
49.20	3.94	3.71	0.00	54.90	3.94	3.71	0.00
49.30	3.94	3.71	0.00	55.00	3.94	3.71	0.00
49.40	3.94	3.71	0.00	55.10	3.94	3.71	0.00
49.50	3.94	3.71	0.00	55.20	3.94	3.71	0.00
49.60	3.94	3.71	0.00	55.30	3.94	3.71	0.00
49.70	3.94	3.71	0.00	55.40	3.94	3.71	0.00
49.80	3.94	3.71	0.00	55.50	3.94	3.71	0.00
49.90	3.94	3.71	0.00	55.60	3.94	3.71	0.00
50.00	3.94	3.71	0.00	55.70	3.94	3.71	0.00
50.10	3.94	3.71	0.00	55.80	3.94	3.71	0.00
50.20	3.94	3.71	0.00	55.90	3.94	3.71	0.00
50.30	3.94	3.71	0.00	56.00	3.94	3.71	0.00
50.40	3.94	3.71	0.00	56.10	3.94	3.71	0.00
50.50	3.94	3.71	0.00	56.20	3.94	3.71	0.00
50.60	3.94	3.71	0.00	56.30	3.94	3.71	0.00
50.70	3.94	3.71	0.00	56.40	3.94	3.71	0.00
50.80	3.94	3.71	0.00	56.50	3.94	3.71	0.00
50.90	3.94	3.71	0.00	56.60	3.94	3.71	0.00
51.00	3.94	3.71	0.00	56.70	3.94	3.71	0.00
51.10	3.94	3.71	0.00	56.80	3.94	3.71	0.00
51.20	3.94	3.71	0.00	56.90	3.94	3.71	0.00

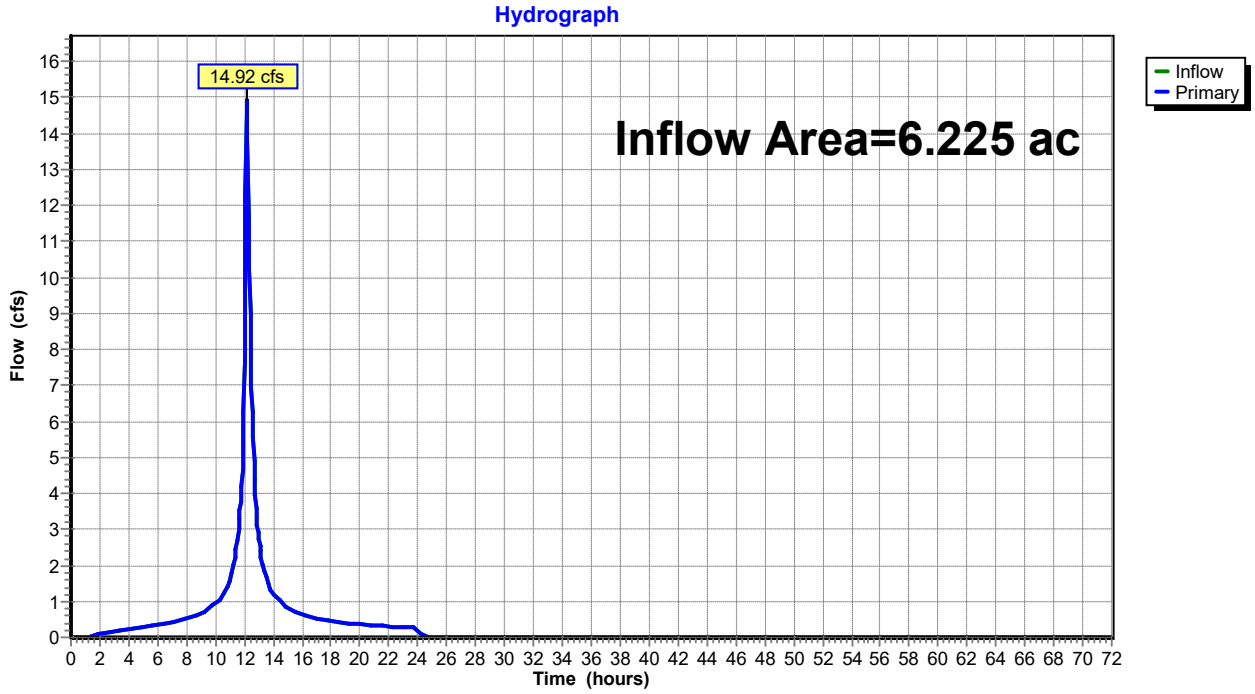
Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	3.94	3.71	0.00	62.70	3.94	3.71	0.00
57.10	3.94	3.71	0.00	62.80	3.94	3.71	0.00
57.20	3.94	3.71	0.00	62.90	3.94	3.71	0.00
57.30	3.94	3.71	0.00	63.00	3.94	3.71	0.00
57.40	3.94	3.71	0.00	63.10	3.94	3.71	0.00
57.50	3.94	3.71	0.00	63.20	3.94	3.71	0.00
57.60	3.94	3.71	0.00	63.30	3.94	3.71	0.00
57.70	3.94	3.71	0.00	63.40	3.94	3.71	0.00
57.80	3.94	3.71	0.00	63.50	3.94	3.71	0.00
57.90	3.94	3.71	0.00	63.60	3.94	3.71	0.00
58.00	3.94	3.71	0.00	63.70	3.94	3.71	0.00
58.10	3.94	3.71	0.00	63.80	3.94	3.71	0.00
58.20	3.94	3.71	0.00	63.90	3.94	3.71	0.00
58.30	3.94	3.71	0.00	64.00	3.94	3.71	0.00
58.40	3.94	3.71	0.00	64.10	3.94	3.71	0.00
58.50	3.94	3.71	0.00	64.20	3.94	3.71	0.00
58.60	3.94	3.71	0.00	64.30	3.94	3.71	0.00
58.70	3.94	3.71	0.00	64.40	3.94	3.71	0.00
58.80	3.94	3.71	0.00	64.50	3.94	3.71	0.00
58.90	3.94	3.71	0.00	64.60	3.94	3.71	0.00
59.00	3.94	3.71	0.00	64.70	3.94	3.71	0.00
59.10	3.94	3.71	0.00	64.80	3.94	3.71	0.00
59.20	3.94	3.71	0.00	64.90	3.94	3.71	0.00
59.30	3.94	3.71	0.00	65.00	3.94	3.71	0.00
59.40	3.94	3.71	0.00	65.10	3.94	3.71	0.00
59.50	3.94	3.71	0.00	65.20	3.94	3.71	0.00
59.60	3.94	3.71	0.00	65.30	3.94	3.71	0.00
59.70	3.94	3.71	0.00	65.40	3.94	3.71	0.00
59.80	3.94	3.71	0.00	65.50	3.94	3.71	0.00
59.90	3.94	3.71	0.00	65.60	3.94	3.71	0.00
60.00	3.94	3.71	0.00	65.70	3.94	3.71	0.00
60.10	3.94	3.71	0.00	65.80	3.94	3.71	0.00
60.20	3.94	3.71	0.00	65.90	3.94	3.71	0.00
60.30	3.94	3.71	0.00	66.00	3.94	3.71	0.00
60.40	3.94	3.71	0.00	66.10	3.94	3.71	0.00
60.50	3.94	3.71	0.00	66.20	3.94	3.71	0.00
60.60	3.94	3.71	0.00	66.30	3.94	3.71	0.00
60.70	3.94	3.71	0.00	66.40	3.94	3.71	0.00
60.80	3.94	3.71	0.00	66.50	3.94	3.71	0.00
60.90	3.94	3.71	0.00	66.60	3.94	3.71	0.00
61.00	3.94	3.71	0.00	66.70	3.94	3.71	0.00
61.10	3.94	3.71	0.00	66.80	3.94	3.71	0.00
61.20	3.94	3.71	0.00	66.90	3.94	3.71	0.00
61.30	3.94	3.71	0.00	67.00	3.94	3.71	0.00
61.40	3.94	3.71	0.00	67.10	3.94	3.71	0.00
61.50	3.94	3.71	0.00	67.20	3.94	3.71	0.00
61.60	3.94	3.71	0.00	67.30	3.94	3.71	0.00
61.70	3.94	3.71	0.00	67.40	3.94	3.71	0.00
61.80	3.94	3.71	0.00	67.50	3.94	3.71	0.00
61.90	3.94	3.71	0.00	67.60	3.94	3.71	0.00
62.00	3.94	3.71	0.00	67.70	3.94	3.71	0.00
62.10	3.94	3.71	0.00	67.80	3.94	3.71	0.00
62.20	3.94	3.71	0.00	67.90	3.94	3.71	0.00
62.30	3.94	3.71	0.00	68.00	3.94	3.71	0.00
62.40	3.94	3.71	0.00	68.10	3.94	3.71	0.00
62.50	3.94	3.71	0.00	68.20	3.94	3.71	0.00
62.60	3.94	3.71	0.00	68.30	3.94	3.71	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	3.94	3.71	0.00
68.50	3.94	3.71	0.00
68.60	3.94	3.71	0.00
68.70	3.94	3.71	0.00
68.80	3.94	3.71	0.00
68.90	3.94	3.71	0.00
69.00	3.94	3.71	0.00
69.10	3.94	3.71	0.00
69.20	3.94	3.71	0.00
69.30	3.94	3.71	0.00
69.40	3.94	3.71	0.00
69.50	3.94	3.71	0.00
69.60	3.94	3.71	0.00
69.70	3.94	3.71	0.00
69.80	3.94	3.71	0.00
69.90	3.94	3.71	0.00
70.00	3.94	3.71	0.00
70.10	3.94	3.71	0.00
70.20	3.94	3.71	0.00
70.30	3.94	3.71	0.00
70.40	3.94	3.71	0.00
70.50	3.94	3.71	0.00
70.60	3.94	3.71	0.00
70.70	3.94	3.71	0.00
70.80	3.94	3.71	0.00
70.90	3.94	3.71	0.00
71.00	3.94	3.71	0.00
71.10	3.94	3.71	0.00
71.20	3.94	3.71	0.00
71.30	3.94	3.71	0.00
71.40	3.94	3.71	0.00
71.50	3.94	3.71	0.00
71.60	3.94	3.71	0.00
71.70	3.94	3.71	0.00
71.80	3.94	3.71	0.00
71.90	3.94	3.71	0.00
72.00	3.94	3.71	0.00

Link 3L: POA-1


Hydrograph
14.92 cfs
Inflow Area=6.225 ac
Inflow
Primary
Flow (cfs)
Time (hours)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72

Hydrograph for Link 3L: POA-1

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.32	0.00	0.32
0.10	0.00	0.00	0.00	5.80	0.32	0.00	0.32
0.20	0.00	0.00	0.00	5.90	0.33	0.00	0.33
0.30	0.00	0.00	0.00	6.00	0.33	0.00	0.33
0.40	0.00	0.00	0.00	6.10	0.33	0.00	0.33
0.50	0.00	0.00	0.00	6.20	0.34	0.00	0.34
0.60	0.00	0.00	0.00	6.30	0.35	0.00	0.35
0.70	0.00	0.00	0.00	6.40	0.36	0.00	0.36
0.80	0.00	0.00	0.00	6.50	0.37	0.00	0.37
0.90	0.00	0.00	0.00	6.60	0.38	0.00	0.38
1.00	0.00	0.00	0.00	6.70	0.39	0.00	0.39
1.10	0.00	0.00	0.00	6.80	0.40	0.00	0.40
1.20	0.01	0.00	0.01	6.90	0.41	0.00	0.41
1.30	0.02	0.00	0.02	7.00	0.42	0.00	0.42
1.40	0.03	0.00	0.03	7.10	0.44	0.00	0.44
1.50	0.04	0.00	0.04	7.20	0.45	0.00	0.45
1.60	0.05	0.00	0.05	7.30	0.46	0.00	0.46
1.70	0.06	0.00	0.06	7.40	0.47	0.00	0.47
1.80	0.07	0.00	0.07	7.50	0.48	0.00	0.48
1.90	0.08	0.00	0.08	7.60	0.49	0.00	0.49
2.00	0.09	0.00	0.09	7.70	0.50	0.00	0.50
2.10	0.10	0.00	0.10	7.80	0.51	0.00	0.51
2.20	0.11	0.00	0.11	7.90	0.52	0.00	0.52
2.30	0.12	0.00	0.12	8.00	0.53	0.00	0.53
2.40	0.13	0.00	0.13	8.10	0.55	0.00	0.55
2.50	0.14	0.00	0.14	8.20	0.56	0.00	0.56
2.60	0.14	0.00	0.14	8.30	0.57	0.00	0.57
2.70	0.15	0.00	0.15	8.40	0.58	0.00	0.58
2.80	0.16	0.00	0.16	8.50	0.59	0.00	0.59
2.90	0.17	0.00	0.17	8.60	0.60	0.00	0.60
3.00	0.17	0.00	0.17	8.70	0.61	0.00	0.61
3.10	0.18	0.00	0.18	8.80	0.62	0.00	0.62
3.20	0.19	0.00	0.19	8.90	0.63	0.00	0.63
3.30	0.19	0.00	0.19	9.00	0.65	0.00	0.65
3.40	0.20	0.00	0.20	9.10	0.66	0.00	0.66
3.50	0.21	0.00	0.21	9.20	0.69	0.00	0.69
3.60	0.21	0.00	0.21	9.30	0.72	0.00	0.72
3.70	0.22	0.00	0.22	9.40	0.75	0.00	0.75
3.80	0.22	0.00	0.22	9.50	0.78	0.00	0.78
3.90	0.23	0.00	0.23	9.60	0.82	0.00	0.82
4.00	0.23	0.00	0.23	9.70	0.85	0.00	0.85
4.10	0.24	0.00	0.24	9.80	0.89	0.00	0.89
4.20	0.25	0.00	0.25	9.90	0.93	0.00	0.93
4.30	0.25	0.00	0.25	10.00	0.96	0.00	0.96
4.40	0.26	0.00	0.26	10.10	1.00	0.00	1.00
4.50	0.26	0.00	0.26	10.20	1.04	0.00	1.04
4.60	0.27	0.00	0.27	10.30	1.07	0.00	1.07
4.70	0.27	0.00	0.27	10.40	1.11	0.00	1.11
4.80	0.28	0.00	0.28	10.50	1.15	0.00	1.15
4.90	0.28	0.00	0.28	10.60	1.20	0.00	1.20
5.00	0.29	0.00	0.29	10.70	1.29	0.00	1.29
5.10	0.29	0.00	0.29	10.80	1.39	0.00	1.39
5.20	0.29	0.00	0.29	10.90	1.51	0.00	1.51
5.30	0.30	0.00	0.30	11.00	1.64	0.00	1.64
5.40	0.30	0.00	0.30	11.10	1.79	0.00	1.79
5.50	0.31	0.00	0.31	11.20	1.97	0.00	1.97
5.60	0.31	0.00	0.31	11.30	2.18	0.00	2.18

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	2.40	0.00	2.40	17.10	0.53	0.00	0.53
11.50	2.62	0.00	2.62	17.20	0.52	0.00	0.52
11.60	3.00	0.00	3.00	17.30	0.51	0.00	0.51
11.70	3.52	0.00	3.52	17.40	0.50	0.00	0.50
11.80	4.17	0.00	4.17	17.50	0.49	0.00	0.49
11.90	5.36	0.00	5.36	17.60	0.48	0.00	0.48
12.00	7.70	0.00	7.70	17.70	0.47	0.00	0.47
12.10	**12.27**	0.00	**12.27**	17.80	0.46	0.00	0.46
12.20	**14.62**	0.00	**14.62**	17.90	0.45	0.00	0.45
12.30	11.65	0.00	11.65	18.00	0.44	0.00	0.44
12.40	8.98	0.00	8.98	18.10	0.43	0.00	0.43
12.50	6.99	0.00	6.99	18.20	0.42	0.00	0.42
12.60	5.55	0.00	5.55	18.30	0.41	0.00	0.41
12.70	4.36	0.00	4.36	18.40	0.41	0.00	0.41
12.80	3.60	0.00	3.60	18.50	0.40	0.00	0.40
12.90	3.10	0.00	3.10	18.60	0.40	0.00	0.40
13.00	2.72	0.00	2.72	18.70	0.40	0.00	0.40
13.10	2.40	0.00	2.40	18.80	0.39	0.00	0.39
13.20	2.15	0.00	2.15	18.90	0.39	0.00	0.39
13.30	1.96	0.00	1.96	19.00	0.39	0.00	0.39
13.40	1.80	0.00	1.80	19.10	0.38	0.00	0.38
13.50	1.65	0.00	1.65	19.20	0.38	0.00	0.38
13.60	1.51	0.00	1.51	19.30	0.38	0.00	0.38
13.70	1.39	0.00	1.39	19.40	0.38	0.00	0.38
13.80	1.31	0.00	1.31	19.50	0.37	0.00	0.37
13.90	1.24	0.00	1.24	19.60	0.37	0.00	0.37
14.00	1.19	0.00	1.19	19.70	0.37	0.00	0.37
14.10	1.15	0.00	1.15	19.80	0.37	0.00	0.37
14.20	1.11	0.00	1.11	19.90	0.36	0.00	0.36
14.30	1.07	0.00	1.07	20.00	0.36	0.00	0.36
14.40	1.04	0.00	1.04	20.10	0.36	0.00	0.36
14.50	1.00	0.00	1.00	20.20	0.36	0.00	0.36
14.60	0.96	0.00	0.96	20.30	0.35	0.00	0.35
14.70	0.93	0.00	0.93	20.40	0.35	0.00	0.35
14.80	0.89	0.00	0.89	20.50	0.35	0.00	0.35
14.90	0.85	0.00	0.85	20.60	0.35	0.00	0.35
15.00	0.82	0.00	0.82	20.70	0.34	0.00	0.34
15.10	0.78	0.00	0.78	20.80	0.34	0.00	0.34
15.20	0.75	0.00	0.75	20.90	0.34	0.00	0.34
15.30	0.73	0.00	0.73	21.00	0.34	0.00	0.34
15.40	0.71	0.00	0.71	21.10	0.33	0.00	0.33
15.50	0.70	0.00	0.70	21.20	0.33	0.00	0.33
15.60	0.68	0.00	0.68	21.30	0.33	0.00	0.33
15.70	0.67	0.00	0.67	21.40	0.33	0.00	0.33
15.80	0.66	0.00	0.66	21.50	0.32	0.00	0.32
15.90	0.65	0.00	0.65	21.60	0.32	0.00	0.32
16.00	0.64	0.00	0.64	21.70	0.32	0.00	0.32
16.10	0.63	0.00	0.63	21.80	0.32	0.00	0.32
16.20	0.62	0.00	0.62	21.90	0.31	0.00	0.31
16.30	0.61	0.00	0.61	22.00	0.31	0.00	0.31
16.40	0.60	0.00	0.60	22.10	0.31	0.00	0.31
16.50	0.59	0.00	0.59	22.20	0.31	0.00	0.31
16.60	0.58	0.00	0.58	22.30	0.30	0.00	0.30
16.70	0.57	0.00	0.57	22.40	0.30	0.00	0.30
16.80	0.56	0.00	0.56	22.50	0.30	0.00	0.30
16.90	0.55	0.00	0.55	22.60	0.29	0.00	0.29
17.00	0.54	0.00	0.54	22.70	0.29	0.00	0.29

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.29	0.00	0.29	28.50	0.00	0.00	0.00
22.90	0.29	0.00	0.29	28.60	0.00	0.00	0.00
23.00	0.28	0.00	0.28	28.70	0.00	0.00	0.00
23.10	0.28	0.00	0.28	28.80	0.00	0.00	0.00
23.20	0.28	0.00	0.28	28.90	0.00	0.00	0.00
23.30	0.28	0.00	0.28	29.00	0.00	0.00	0.00
23.40	0.27	0.00	0.27	29.10	0.00	0.00	0.00
23.50	0.27	0.00	0.27	29.20	0.00	0.00	0.00
23.60	0.27	0.00	0.27	29.30	0.00	0.00	0.00
23.70	0.27	0.00	0.27	29.40	0.00	0.00	0.00
23.80	0.26	0.00	0.26	29.50	0.00	0.00	0.00
23.90	0.26	0.00	0.26	29.60	0.00	0.00	0.00
24.00	0.26	0.00	0.26	29.70	0.00	0.00	0.00
24.10	0.21	0.00	0.21	29.80	0.00	0.00	0.00
24.20	0.12	0.00	0.12	29.90	0.00	0.00	0.00
24.30	0.07	0.00	0.07	30.00	0.00	0.00	0.00
24.40	0.04	0.00	0.04	30.10	0.00	0.00	0.00
24.50	0.02	0.00	0.02	30.20	0.00	0.00	0.00
24.60	0.01	0.00	0.01	30.30	0.00	0.00	0.00
24.70	0.00	0.00	0.00	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

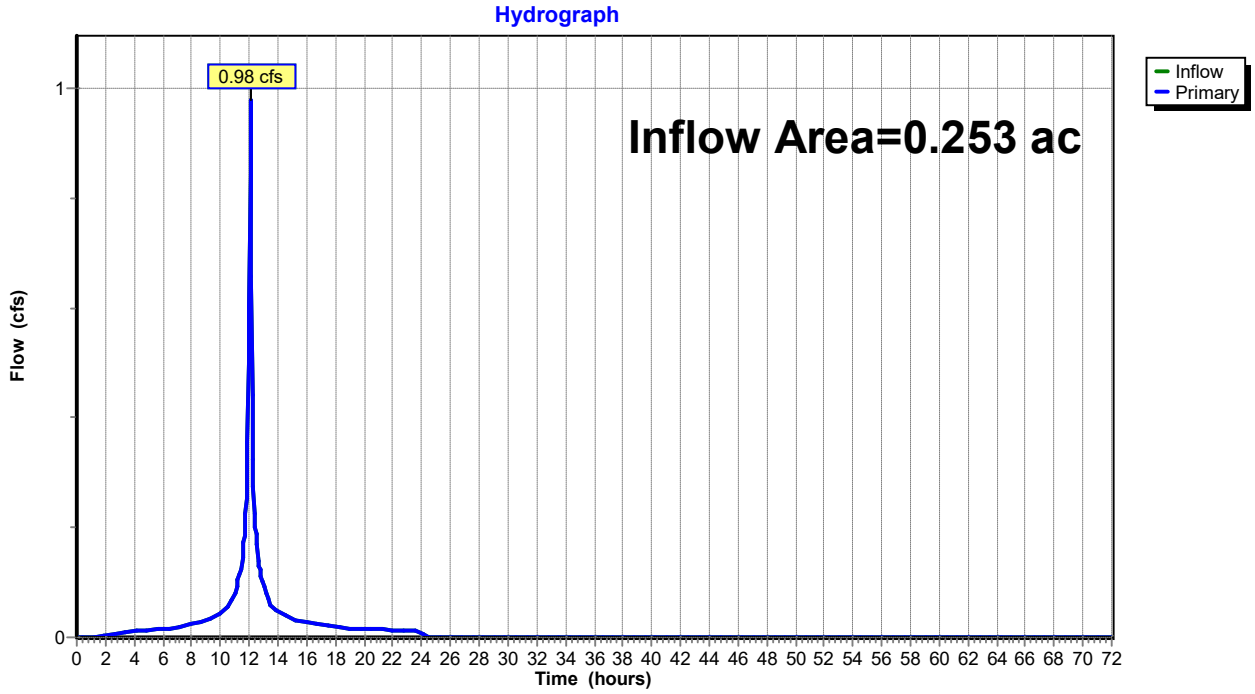
Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Link 5L: POA-2


Hydrograph
0.98 cfs
Inflow Area=0.253 ac
Inflow
Primary
Flow (cfs)
1
0
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72
Time (hours)

Hydrograph for Link 5L: POA-2

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.01	0.00	0.01
0.10	0.00	0.00	0.00	5.80	0.01	0.00	0.01
0.20	0.00	0.00	0.00	5.90	0.01	0.00	0.01
0.30	0.00	0.00	0.00	6.00	0.01	0.00	0.01
0.40	0.00	0.00	0.00	6.10	0.02	0.00	0.02
0.50	0.00	0.00	0.00	6.20	0.02	0.00	0.02
0.60	0.00	0.00	0.00	6.30	0.02	0.00	0.02
0.70	0.00	0.00	0.00	6.40	0.02	0.00	0.02
0.80	0.00	0.00	0.00	6.50	0.02	0.00	0.02
0.90	0.00	0.00	0.00	6.60	0.02	0.00	0.02
1.00	0.00	0.00	0.00	6.70	0.02	0.00	0.02
1.10	0.00	0.00	0.00	6.80	0.02	0.00	0.02
1.20	0.00	0.00	0.00	6.90	0.02	0.00	0.02
1.30	0.00	0.00	0.00	7.00	0.02	0.00	0.02
1.40	0.00	0.00	0.00	7.10	0.02	0.00	0.02
1.50	0.00	0.00	0.00	7.20	0.02	0.00	0.02
1.60	0.00	0.00	0.00	7.30	0.02	0.00	0.02
1.70	0.00	0.00	0.00	7.40	0.02	0.00	0.02
1.80	0.00	0.00	0.00	7.50	0.02	0.00	0.02
1.90	0.00	0.00	0.00	7.60	0.02	0.00	0.02
2.00	0.00	0.00	0.00	7.70	0.02	0.00	0.02
2.10	0.01	0.00	0.01	7.80	0.02	0.00	0.02
2.20	0.01	0.00	0.01	7.90	0.02	0.00	0.02
2.30	0.01	0.00	0.01	8.00	0.02	0.00	0.02
2.40	0.01	0.00	0.01	8.10	0.02	0.00	0.02
2.50	0.01	0.00	0.01	8.20	0.02	0.00	0.02
2.60	0.01	0.00	0.01	8.30	0.03	0.00	0.03
2.70	0.01	0.00	0.01	8.40	0.03	0.00	0.03
2.80	0.01	0.00	0.01	8.50	0.03	0.00	0.03
2.90	0.01	0.00	0.01	8.60	0.03	0.00	0.03
3.00	0.01	0.00	0.01	8.70	0.03	0.00	0.03
3.10	0.01	0.00	0.01	8.80	0.03	0.00	0.03
3.20	0.01	0.00	0.01	8.90	0.03	0.00	0.03
3.30	0.01	0.00	0.01	9.00	0.03	0.00	0.03
3.40	0.01	0.00	0.01	9.10	0.03	0.00	0.03
3.50	0.01	0.00	0.01	9.20	0.03	0.00	0.03
3.60	0.01	0.00	0.01	9.30	0.03	0.00	0.03
3.70	0.01	0.00	0.01	9.40	0.03	0.00	0.03
3.80	0.01	0.00	0.01	9.50	0.04	0.00	0.04
3.90	0.01	0.00	0.01	9.60	0.04	0.00	0.04
4.00	0.01	0.00	0.01	9.70	0.04	0.00	0.04
4.10	0.01	0.00	0.01	9.80	0.04	0.00	0.04
4.20	0.01	0.00	0.01	9.90	0.04	0.00	0.04
4.30	0.01	0.00	0.01	10.00	0.04	0.00	0.04
4.40	0.01	0.00	0.01	10.10	0.05	0.00	0.05
4.50	0.01	0.00	0.01	10.20	0.05	0.00	0.05
4.60	0.01	0.00	0.01	10.30	0.05	0.00	0.05
4.70	0.01	0.00	0.01	10.40	0.05	0.00	0.05
4.80	0.01	0.00	0.01	10.50	0.05	0.00	0.05
4.90	0.01	0.00	0.01	10.60	0.06	0.00	0.06
5.00	0.01	0.00	0.01	10.70	0.06	0.00	0.06
5.10	0.01	0.00	0.01	10.80	0.07	0.00	0.07
5.20	0.01	0.00	0.01	10.90	0.08	0.00	0.08
5.30	0.01	0.00	0.01	11.00	0.08	0.00	0.08
5.40	0.01	0.00	0.01	11.10	0.09	0.00	0.09
5.50	0.01	0.00	0.01	11.20	0.10	0.00	0.10
5.60	0.01	0.00	0.01	11.30	0.11	0.00	0.11

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	0.12	0.00	0.12	17.10	0.02	0.00	0.02
11.50	0.13	0.00	0.13	17.20	0.02	0.00	0.02
11.60	0.17	0.00	0.17	17.30	0.02	0.00	0.02
11.70	0.19	0.00	0.19	17.40	0.02	0.00	0.02
11.80	0.25	0.00	0.25	17.50	0.02	0.00	0.02
11.90	0.35	0.00	0.35	17.60	0.02	0.00	0.02
12.00	0.60	0.00	0.60	17.70	0.02	0.00	0.02
12.10	**0.97**	0.00	**0.97**	17.80	0.02	0.00	0.02
12.20	0.44	0.00	0.44	17.90	0.02	0.00	0.02
12.30	0.27	0.00	0.27	18.00	0.02	0.00	0.02
12.40	0.20	0.00	0.20	18.10	0.02	0.00	0.02
12.50	0.18	0.00	0.18	18.20	0.02	0.00	0.02
12.60	0.14	0.00	0.14	18.30	0.02	0.00	0.02
12.70	0.13	0.00	0.13	18.40	0.02	0.00	0.02
12.80	0.12	0.00	0.12	18.50	0.02	0.00	0.02
12.90	0.10	0.00	0.10	18.60	0.02	0.00	0.02
13.00	0.09	0.00	0.09	18.70	0.02	0.00	0.02
13.10	0.08	0.00	0.08	18.80	0.02	0.00	0.02
13.20	0.08	0.00	0.08	18.90	0.02	0.00	0.02
13.30	0.07	0.00	0.07	19.00	0.02	0.00	0.02
13.40	0.07	0.00	0.07	19.10	0.02	0.00	0.02
13.50	0.06	0.00	0.06	19.20	0.02	0.00	0.02
13.60	0.06	0.00	0.06	19.30	0.02	0.00	0.02
13.70	0.05	0.00	0.05	19.40	0.02	0.00	0.02
13.80	0.05	0.00	0.05	19.50	0.02	0.00	0.02
13.90	0.05	0.00	0.05	19.60	0.02	0.00	0.02
14.00	0.05	0.00	0.05	19.70	0.02	0.00	0.02
14.10	0.05	0.00	0.05	19.80	0.02	0.00	0.02
14.20	0.05	0.00	0.05	19.90	0.02	0.00	0.02
14.30	0.04	0.00	0.04	20.00	0.02	0.00	0.02
14.40	0.04	0.00	0.04	20.10	0.02	0.00	0.02
14.50	0.04	0.00	0.04	20.20	0.02	0.00	0.02
14.60	0.04	0.00	0.04	20.30	0.02	0.00	0.02
14.70	0.04	0.00	0.04	20.40	0.02	0.00	0.02
14.80	0.04	0.00	0.04	20.50	0.01	0.00	0.01
14.90	0.03	0.00	0.03	20.60	0.01	0.00	0.01
15.00	0.03	0.00	0.03	20.70	0.01	0.00	0.01
15.10	0.03	0.00	0.03	20.80	0.01	0.00	0.01
15.20	0.03	0.00	0.03	20.90	0.01	0.00	0.01
15.30	0.03	0.00	0.03	21.00	0.01	0.00	0.01
15.40	0.03	0.00	0.03	21.10	0.01	0.00	0.01
15.50	0.03	0.00	0.03	21.20	0.01	0.00	0.01
15.60	0.03	0.00	0.03	21.30	0.01	0.00	0.01
15.70	0.03	0.00	0.03	21.40	0.01	0.00	0.01
15.80	0.03	0.00	0.03	21.50	0.01	0.00	0.01
15.90	0.03	0.00	0.03	21.60	0.01	0.00	0.01
16.00	0.03	0.00	0.03	21.70	0.01	0.00	0.01
16.10	0.03	0.00	0.03	21.80	0.01	0.00	0.01
16.20	0.03	0.00	0.03	21.90	0.01	0.00	0.01
16.30	0.03	0.00	0.03	22.00	0.01	0.00	0.01
16.40	0.03	0.00	0.03	22.10	0.01	0.00	0.01
16.50	0.02	0.00	0.02	22.20	0.01	0.00	0.01
16.60	0.02	0.00	0.02	22.30	0.01	0.00	0.01
16.70	0.02	0.00	0.02	22.40	0.01	0.00	0.01
16.80	0.02	0.00	0.02	22.50	0.01	0.00	0.01
16.90	0.02	0.00	0.02	22.60	0.01	0.00	0.01
17.00	0.02	0.00	0.02	22.70	0.01	0.00	0.01

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.01	0.00	0.01	28.50	0.00	0.00	0.00
22.90	0.01	0.00	0.01	28.60	0.00	0.00	0.00
23.00	0.01	0.00	0.01	28.70	0.00	0.00	0.00
23.10	0.01	0.00	0.01	28.80	0.00	0.00	0.00
23.20	0.01	0.00	0.01	28.90	0.00	0.00	0.00
23.30	0.01	0.00	0.01	29.00	0.00	0.00	0.00
23.40	0.01	0.00	0.01	29.10	0.00	0.00	0.00
23.50	0.01	0.00	0.01	29.20	0.00	0.00	0.00
23.60	0.01	0.00	0.01	29.30	0.00	0.00	0.00
23.70	0.01	0.00	0.01	29.40	0.00	0.00	0.00
23.80	0.01	0.00	0.01	29.50	0.00	0.00	0.00
23.90	0.01	0.00	0.01	29.60	0.00	0.00	0.00
24.00	0.01	0.00	0.01	29.70	0.00	0.00	0.00
24.10	0.00	0.00	0.00	29.80	0.00	0.00	0.00
24.20	0.00	0.00	0.00	29.90	0.00	0.00	0.00
24.30	0.00	0.00	0.00	30.00	0.00	0.00	0.00
24.40	0.00	0.00	0.00	30.10	0.00	0.00	0.00
24.50	0.00	0.00	0.00	30.20	0.00	0.00	0.00
24.60	0.00	0.00	0.00	30.30	0.00	0.00	0.00
24.70	0.00	0.00	0.00	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

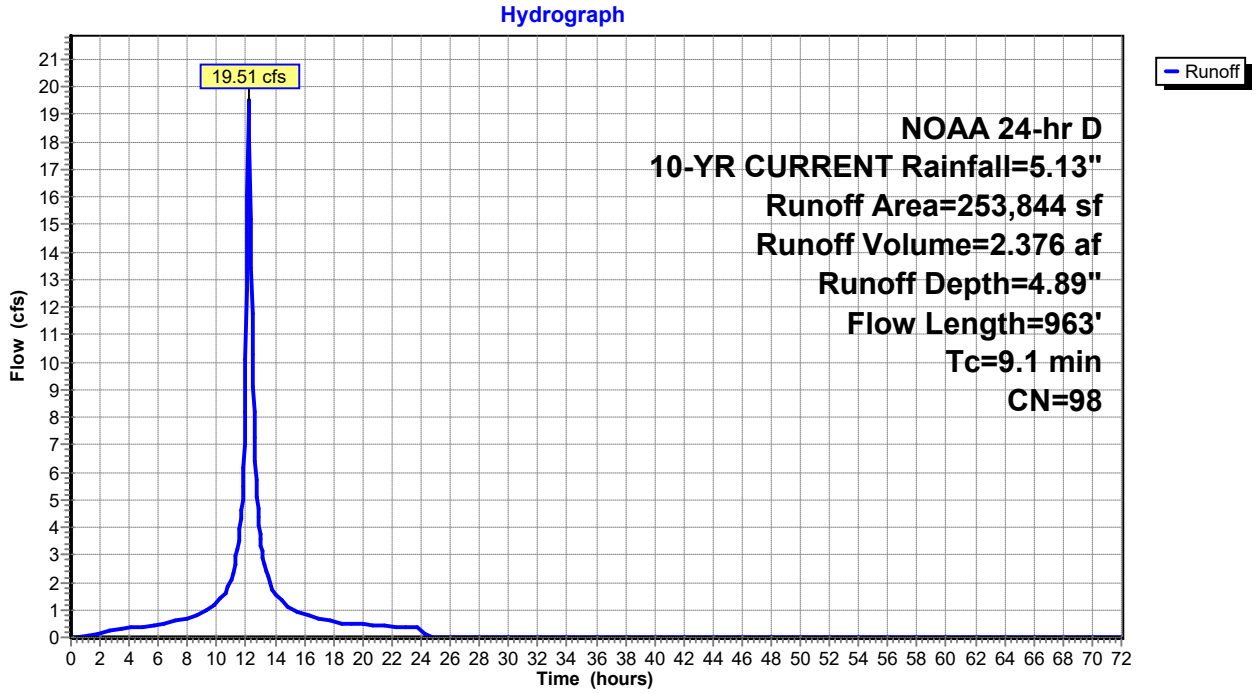
Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Subcatchment 1S: EDA 1-Impervious



Hydrograph for Subcatchment 1S: EDA 1-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.41	0.24	0.44
0.10	0.01	0.00	0.00	5.80	0.42	0.25	0.45
0.20	0.01	0.00	0.00	5.90	0.43	0.25	0.45
0.30	0.02	0.00	0.00	6.00	0.44	0.26	0.46
0.40	0.02	0.00	0.00	6.10	0.45	0.27	0.46
0.50	0.03	0.00	0.00	6.20	0.46	0.28	0.47
0.60	0.03	0.00	0.00	6.30	0.47	0.29	0.49
0.70	0.04	0.00	0.00	6.40	0.48	0.30	0.50
0.80	0.05	0.00	0.00	6.50	0.49	0.31	0.51
0.90	0.05	0.00	0.01	6.60	0.50	0.31	0.52
1.00	0.06	0.00	0.02	6.70	0.51	0.32	0.54
1.10	0.06	0.00	0.04	6.80	0.52	0.33	0.55
1.20	0.07	0.00	0.05	6.90	0.53	0.34	0.57
1.30	0.08	0.01	0.07	7.00	0.54	0.35	0.58
1.40	0.08	0.01	0.08	7.10	0.55	0.37	0.59
1.50	0.09	0.01	0.10	7.20	0.56	0.38	0.61
1.60	0.10	0.01	0.11	7.30	0.58	0.39	0.62
1.70	0.10	0.01	0.13	7.40	0.59	0.40	0.64
1.80	0.11	0.02	0.14	7.50	0.60	0.41	0.65
1.90	0.12	0.02	0.15	7.60	0.61	0.42	0.66
2.00	0.12	0.02	0.17	7.70	0.63	0.43	0.68
2.10	0.13	0.03	0.18	7.80	0.64	0.45	0.69
2.20	0.14	0.03	0.19	7.90	0.65	0.46	0.71
2.30	0.14	0.03	0.20	8.00	0.67	0.47	0.72
2.40	0.15	0.04	0.21	8.10	0.68	0.48	0.74
2.50	0.16	0.04	0.22	8.20	0.69	0.50	0.75
2.60	0.16	0.05	0.23	8.30	0.71	0.51	0.76
2.70	0.17	0.05	0.24	8.40	0.72	0.52	0.78
2.80	0.18	0.06	0.25	8.50	0.74	0.54	0.79
2.90	0.19	0.06	0.26	8.60	0.75	0.55	0.81
3.00	0.19	0.07	0.27	8.70	0.77	0.57	0.82
3.10	0.20	0.07	0.28	8.80	0.78	0.58	0.84
3.20	0.21	0.08	0.29	8.90	0.80	0.60	0.85
3.30	0.22	0.08	0.29	9.00	0.81	0.61	0.86
3.40	0.22	0.09	0.30	9.10	0.83	0.63	0.88
3.50	0.23	0.09	0.31	9.20	0.85	0.64	0.92
3.60	0.24	0.10	0.32	9.30	0.87	0.66	0.95
3.70	0.25	0.10	0.32	9.40	0.89	0.68	1.00
3.80	0.25	0.11	0.33	9.50	0.91	0.70	1.04
3.90	0.26	0.11	0.34	9.60	0.93	0.72	1.09
4.00	0.27	0.12	0.34	9.70	0.95	0.74	1.13
4.10	0.28	0.13	0.35	9.80	0.97	0.76	1.18
4.20	0.28	0.13	0.36	9.90	0.99	0.78	1.23
4.30	0.29	0.14	0.36	10.00	1.02	0.81	1.28
4.40	0.30	0.15	0.37	10.10	1.04	0.83	1.33
4.50	0.31	0.15	0.38	10.20	1.07	0.86	1.37
4.60	0.32	0.16	0.38	10.30	1.09	0.88	1.42
4.70	0.33	0.17	0.39	10.40	1.12	0.91	1.47
4.80	0.33	0.17	0.39	10.50	1.15	0.94	1.52
4.90	0.34	0.18	0.40	10.60	1.18	0.97	1.59
5.00	0.35	0.19	0.41	10.70	1.21	1.00	1.70
5.10	0.36	0.19	0.41	10.80	1.25	1.04	1.84
5.20	0.37	0.20	0.42	10.90	1.29	1.07	2.00
5.30	0.38	0.21	0.42	11.00	1.33	1.12	2.16
5.40	0.38	0.22	0.43	11.10	1.38	1.16	2.35
5.50	0.39	0.22	0.43	11.20	1.43	1.22	2.59
5.60	0.40	0.23	0.44	11.30	1.49	1.27	2.86

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.56	1.34	3.15	17.10	4.60	4.36	0.69
11.50	1.63	1.40	3.45	17.20	4.61	4.38	0.67
11.60	1.72	1.50	3.94	17.30	4.62	4.39	0.66
11.70	1.82	1.59	4.62	17.40	4.63	4.40	0.65
11.80	1.95	1.73	5.47	17.50	4.64	4.41	0.63
11.90	2.14	1.91	7.03	17.60	4.65	4.42	0.62
12.00	2.46	2.23	10.09	17.70	4.66	4.43	0.60
12.10	2.99	2.76	**16.05**	17.80	4.67	4.44	0.59
12.20	3.18	2.95	**19.11**	17.90	4.68	4.45	0.58
12.30	3.31	3.08	15.22	18.00	4.69	4.46	0.57
12.40	3.41	3.18	11.73	18.10	4.70	4.46	0.55
12.50	3.50	3.27	9.12	18.20	4.71	4.47	0.54
12.60	3.57	3.34	7.24	18.30	4.72	4.48	0.53
12.70	3.64	3.40	5.69	18.40	4.73	4.49	0.53
12.80	3.70	3.46	4.70	18.50	4.74	4.50	0.52
12.90	3.75	3.51	4.04	18.60	4.75	4.51	0.52
13.00	3.80	3.56	3.55	18.70	4.75	4.52	0.51
13.10	3.84	3.60	3.13	18.80	4.76	4.53	0.51
13.20	3.88	3.64	2.81	18.90	4.77	4.53	0.51
13.30	3.92	3.68	2.56	19.00	4.78	4.54	0.50
13.40	3.95	3.72	2.35	19.10	4.79	4.55	0.50
13.50	3.98	3.75	2.15	19.20	4.80	4.56	0.50
13.60	4.01	3.77	1.97	19.30	4.80	4.57	0.49
13.70	4.04	3.80	1.81	19.40	4.81	4.58	0.49
13.80	4.06	3.83	1.70	19.50	4.82	4.58	0.49
13.90	4.09	3.85	1.62	19.60	4.83	4.59	0.48
14.00	4.11	3.88	1.56	19.70	4.84	4.60	0.48
14.10	4.14	3.90	1.50	19.80	4.85	4.61	0.48
14.20	4.16	3.92	1.45	19.90	4.85	4.62	0.47
14.30	4.18	3.95	1.40	20.00	4.86	4.62	0.47
14.40	4.20	3.97	1.35	20.10	4.87	4.63	0.47
14.50	4.22	3.99	1.30	20.20	4.88	4.64	0.46
14.60	4.24	4.01	1.25	20.30	4.88	4.65	0.46
14.70	4.26	4.03	1.21	20.40	4.89	4.66	0.46
14.80	4.28	4.05	1.16	20.50	4.90	4.66	0.45
14.90	4.30	4.06	1.11	20.60	4.91	4.67	0.45
15.00	4.32	4.08	1.06	20.70	4.91	4.68	0.45
15.10	4.33	4.10	1.02	20.80	4.92	4.69	0.44
15.20	4.35	4.11	0.97	20.90	4.93	4.69	0.44
15.30	4.36	4.13	0.94	21.00	4.94	4.70	0.44
15.40	4.38	4.14	0.92	21.10	4.94	4.71	0.43
15.50	4.39	4.16	0.91	21.20	4.95	4.71	0.43
15.60	4.41	4.17	0.89	21.30	4.96	4.72	0.43
15.70	4.42	4.19	0.87	21.40	4.97	4.73	0.42
15.80	4.44	4.20	0.86	21.50	4.97	4.74	0.42
15.90	4.45	4.21	0.85	21.60	4.98	4.74	0.42
16.00	4.46	4.23	0.83	21.70	4.99	4.75	0.41
16.10	4.48	4.24	0.82	21.80	4.99	4.76	0.41
16.20	4.49	4.26	0.81	21.90	5.00	4.76	0.41
16.30	4.50	4.27	0.79	22.00	5.01	4.77	0.40
16.40	4.52	4.28	0.78	22.10	5.01	4.78	0.40
16.50	4.53	4.29	0.77	22.20	5.02	4.78	0.40
16.60	4.54	4.31	0.75	22.30	5.03	4.79	0.39
16.70	4.55	4.32	0.74	22.40	5.03	4.80	0.39
16.80	4.57	4.33	0.73	22.50	5.04	4.80	0.39
16.90	4.58	4.34	0.71	22.60	5.05	4.81	0.38
17.00	4.59	4.35	0.70	22.70	5.05	4.82	0.38

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	5.06	4.82	0.38	28.50	5.13	4.89	0.00
22.90	5.07	4.83	0.37	28.60	5.13	4.89	0.00
23.00	5.07	4.83	0.37	28.70	5.13	4.89	0.00
23.10	5.08	4.84	0.37	28.80	5.13	4.89	0.00
23.20	5.08	4.85	0.36	28.90	5.13	4.89	0.00
23.30	5.09	4.85	0.36	29.00	5.13	4.89	0.00
23.40	5.10	4.86	0.36	29.10	5.13	4.89	0.00
23.50	5.10	4.86	0.35	29.20	5.13	4.89	0.00
23.60	5.11	4.87	0.35	29.30	5.13	4.89	0.00
23.70	5.11	4.88	0.35	29.40	5.13	4.89	0.00
23.80	5.12	4.88	0.34	29.50	5.13	4.89	0.00
23.90	5.12	4.89	0.34	29.60	5.13	4.89	0.00
24.00	**5.13**	**4.89**	0.34	29.70	5.13	4.89	0.00
24.10	5.13	4.89	0.28	29.80	5.13	4.89	0.00
24.20	5.13	4.89	0.16	29.90	5.13	4.89	0.00
24.30	5.13	4.89	0.09	30.00	5.13	4.89	0.00
24.40	5.13	4.89	0.05	30.10	5.13	4.89	0.00
24.50	5.13	4.89	0.02	30.20	5.13	4.89	0.00
24.60	5.13	4.89	0.01	30.30	5.13	4.89	0.00
24.70	5.13	4.89	0.01	30.40	5.13	4.89	0.00
24.80	5.13	4.89	0.00	30.50	5.13	4.89	0.00
24.90	5.13	4.89	0.00	30.60	5.13	4.89	0.00
25.00	5.13	4.89	0.00	30.70	5.13	4.89	0.00
25.10	5.13	4.89	0.00	30.80	5.13	4.89	0.00
25.20	5.13	4.89	0.00	30.90	5.13	4.89	0.00
25.30	5.13	4.89	0.00	31.00	5.13	4.89	0.00
25.40	5.13	4.89	0.00	31.10	5.13	4.89	0.00
25.50	5.13	4.89	0.00	31.20	5.13	4.89	0.00
25.60	5.13	4.89	0.00	31.30	5.13	4.89	0.00
25.70	5.13	4.89	0.00	31.40	5.13	4.89	0.00
25.80	5.13	4.89	0.00	31.50	5.13	4.89	0.00
25.90	5.13	4.89	0.00	31.60	5.13	4.89	0.00
26.00	5.13	4.89	0.00	31.70	5.13	4.89	0.00
26.10	5.13	4.89	0.00	31.80	5.13	4.89	0.00
26.20	5.13	4.89	0.00	31.90	5.13	4.89	0.00
26.30	5.13	4.89	0.00	32.00	5.13	4.89	0.00
26.40	5.13	4.89	0.00	32.10	5.13	4.89	0.00
26.50	5.13	4.89	0.00	32.20	5.13	4.89	0.00
26.60	5.13	4.89	0.00	32.30	5.13	4.89	0.00
26.70	5.13	4.89	0.00	32.40	5.13	4.89	0.00
26.80	5.13	4.89	0.00	32.50	5.13	4.89	0.00
26.90	5.13	4.89	0.00	32.60	5.13	4.89	0.00
27.00	5.13	4.89	0.00	32.70	5.13	4.89	0.00
27.10	5.13	4.89	0.00	32.80	5.13	4.89	0.00
27.20	5.13	4.89	0.00	32.90	5.13	4.89	0.00
27.30	5.13	4.89	0.00	33.00	5.13	4.89	0.00
27.40	5.13	4.89	0.00	33.10	5.13	4.89	0.00
27.50	5.13	4.89	0.00	33.20	5.13	4.89	0.00
27.60	5.13	4.89	0.00	33.30	5.13	4.89	0.00
27.70	5.13	4.89	0.00	33.40	5.13	4.89	0.00
27.80	5.13	4.89	0.00	33.50	5.13	4.89	0.00
27.90	5.13	4.89	0.00	33.60	5.13	4.89	0.00
28.00	5.13	4.89	0.00	33.70	5.13	4.89	0.00
28.10	5.13	4.89	0.00	33.80	5.13	4.89	0.00
28.20	5.13	4.89	0.00	33.90	5.13	4.89	0.00
28.30	5.13	4.89	0.00	34.00	5.13	4.89	0.00
28.40	5.13	4.89	0.00	34.10	5.13	4.89	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	5.13	4.89	0.00	39.90	5.13	4.89	0.00
34.30	5.13	4.89	0.00	40.00	5.13	4.89	0.00
34.40	5.13	4.89	0.00	40.10	5.13	4.89	0.00
34.50	5.13	4.89	0.00	40.20	5.13	4.89	0.00
34.60	5.13	4.89	0.00	40.30	5.13	4.89	0.00
34.70	5.13	4.89	0.00	40.40	5.13	4.89	0.00
34.80	5.13	4.89	0.00	40.50	5.13	4.89	0.00
34.90	5.13	4.89	0.00	40.60	5.13	4.89	0.00
35.00	5.13	4.89	0.00	40.70	5.13	4.89	0.00
35.10	5.13	4.89	0.00	40.80	5.13	4.89	0.00
35.20	5.13	4.89	0.00	40.90	5.13	4.89	0.00
35.30	5.13	4.89	0.00	41.00	5.13	4.89	0.00
35.40	5.13	4.89	0.00	41.10	5.13	4.89	0.00
35.50	5.13	4.89	0.00	41.20	5.13	4.89	0.00
35.60	5.13	4.89	0.00	41.30	5.13	4.89	0.00
35.70	5.13	4.89	0.00	41.40	5.13	4.89	0.00
35.80	5.13	4.89	0.00	41.50	5.13	4.89	0.00
35.90	5.13	4.89	0.00	41.60	5.13	4.89	0.00
36.00	5.13	4.89	0.00	41.70	5.13	4.89	0.00
36.10	5.13	4.89	0.00	41.80	5.13	4.89	0.00
36.20	5.13	4.89	0.00	41.90	5.13	4.89	0.00
36.30	5.13	4.89	0.00	42.00	5.13	4.89	0.00
36.40	5.13	4.89	0.00	42.10	5.13	4.89	0.00
36.50	5.13	4.89	0.00	42.20	5.13	4.89	0.00
36.60	5.13	4.89	0.00	42.30	5.13	4.89	0.00
36.70	5.13	4.89	0.00	42.40	5.13	4.89	0.00
36.80	5.13	4.89	0.00	42.50	5.13	4.89	0.00
36.90	5.13	4.89	0.00	42.60	5.13	4.89	0.00
37.00	5.13	4.89	0.00	42.70	5.13	4.89	0.00
37.10	5.13	4.89	0.00	42.80	5.13	4.89	0.00
37.20	5.13	4.89	0.00	42.90	5.13	4.89	0.00
37.30	5.13	4.89	0.00	43.00	5.13	4.89	0.00
37.40	5.13	4.89	0.00	43.10	5.13	4.89	0.00
37.50	5.13	4.89	0.00	43.20	5.13	4.89	0.00
37.60	5.13	4.89	0.00	43.30	5.13	4.89	0.00
37.70	5.13	4.89	0.00	43.40	5.13	4.89	0.00
37.80	5.13	4.89	0.00	43.50	5.13	4.89	0.00
37.90	5.13	4.89	0.00	43.60	5.13	4.89	0.00
38.00	5.13	4.89	0.00	43.70	5.13	4.89	0.00
38.10	5.13	4.89	0.00	43.80	5.13	4.89	0.00
38.20	5.13	4.89	0.00	43.90	5.13	4.89	0.00
38.30	5.13	4.89	0.00	44.00	5.13	4.89	0.00
38.40	5.13	4.89	0.00	44.10	5.13	4.89	0.00
38.50	5.13	4.89	0.00	44.20	5.13	4.89	0.00
38.60	5.13	4.89	0.00	44.30	5.13	4.89	0.00
38.70	5.13	4.89	0.00	44.40	5.13	4.89	0.00
38.80	5.13	4.89	0.00	44.50	5.13	4.89	0.00
38.90	5.13	4.89	0.00	44.60	5.13	4.89	0.00
39.00	5.13	4.89	0.00	44.70	5.13	4.89	0.00
39.10	5.13	4.89	0.00	44.80	5.13	4.89	0.00
39.20	5.13	4.89	0.00	44.90	5.13	4.89	0.00
39.30	5.13	4.89	0.00	45.00	5.13	4.89	0.00
39.40	5.13	4.89	0.00	45.10	5.13	4.89	0.00
39.50	5.13	4.89	0.00	45.20	5.13	4.89	0.00
39.60	5.13	4.89	0.00	45.30	5.13	4.89	0.00
39.70	5.13	4.89	0.00	45.40	5.13	4.89	0.00
39.80	5.13	4.89	0.00	45.50	5.13	4.89	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	5.13	4.89	0.00	51.30	5.13	4.89	0.00
45.70	5.13	4.89	0.00	51.40	5.13	4.89	0.00
45.80	5.13	4.89	0.00	51.50	5.13	4.89	0.00
45.90	5.13	4.89	0.00	51.60	5.13	4.89	0.00
46.00	5.13	4.89	0.00	51.70	5.13	4.89	0.00
46.10	5.13	4.89	0.00	51.80	5.13	4.89	0.00
46.20	5.13	4.89	0.00	51.90	5.13	4.89	0.00
46.30	5.13	4.89	0.00	52.00	5.13	4.89	0.00
46.40	5.13	4.89	0.00	52.10	5.13	4.89	0.00
46.50	5.13	4.89	0.00	52.20	5.13	4.89	0.00
46.60	5.13	4.89	0.00	52.30	5.13	4.89	0.00
46.70	5.13	4.89	0.00	52.40	5.13	4.89	0.00
46.80	5.13	4.89	0.00	52.50	5.13	4.89	0.00
46.90	5.13	4.89	0.00	52.60	5.13	4.89	0.00
47.00	5.13	4.89	0.00	52.70	5.13	4.89	0.00
47.10	5.13	4.89	0.00	52.80	5.13	4.89	0.00
47.20	5.13	4.89	0.00	52.90	5.13	4.89	0.00
47.30	5.13	4.89	0.00	53.00	5.13	4.89	0.00
47.40	5.13	4.89	0.00	53.10	5.13	4.89	0.00
47.50	5.13	4.89	0.00	53.20	5.13	4.89	0.00
47.60	5.13	4.89	0.00	53.30	5.13	4.89	0.00
47.70	5.13	4.89	0.00	53.40	5.13	4.89	0.00
47.80	5.13	4.89	0.00	53.50	5.13	4.89	0.00
47.90	5.13	4.89	0.00	53.60	5.13	4.89	0.00
48.00	5.13	4.89	0.00	53.70	5.13	4.89	0.00
48.10	5.13	4.89	0.00	53.80	5.13	4.89	0.00
48.20	5.13	4.89	0.00	53.90	5.13	4.89	0.00
48.30	5.13	4.89	0.00	54.00	5.13	4.89	0.00
48.40	5.13	4.89	0.00	54.10	5.13	4.89	0.00
48.50	5.13	4.89	0.00	54.20	5.13	4.89	0.00
48.60	5.13	4.89	0.00	54.30	5.13	4.89	0.00
48.70	5.13	4.89	0.00	54.40	5.13	4.89	0.00
48.80	5.13	4.89	0.00	54.50	5.13	4.89	0.00
48.90	5.13	4.89	0.00	54.60	5.13	4.89	0.00
49.00	5.13	4.89	0.00	54.70	5.13	4.89	0.00
49.10	5.13	4.89	0.00	54.80	5.13	4.89	0.00
49.20	5.13	4.89	0.00	54.90	5.13	4.89	0.00
49.30	5.13	4.89	0.00	55.00	5.13	4.89	0.00
49.40	5.13	4.89	0.00	55.10	5.13	4.89	0.00
49.50	5.13	4.89	0.00	55.20	5.13	4.89	0.00
49.60	5.13	4.89	0.00	55.30	5.13	4.89	0.00
49.70	5.13	4.89	0.00	55.40	5.13	4.89	0.00
49.80	5.13	4.89	0.00	55.50	5.13	4.89	0.00
49.90	5.13	4.89	0.00	55.60	5.13	4.89	0.00
50.00	5.13	4.89	0.00	55.70	5.13	4.89	0.00
50.10	5.13	4.89	0.00	55.80	5.13	4.89	0.00
50.20	5.13	4.89	0.00	55.90	5.13	4.89	0.00
50.30	5.13	4.89	0.00	56.00	5.13	4.89	0.00
50.40	5.13	4.89	0.00	56.10	5.13	4.89	0.00
50.50	5.13	4.89	0.00	56.20	5.13	4.89	0.00
50.60	5.13	4.89	0.00	56.30	5.13	4.89	0.00
50.70	5.13	4.89	0.00	56.40	5.13	4.89	0.00
50.80	5.13	4.89	0.00	56.50	5.13	4.89	0.00
50.90	5.13	4.89	0.00	56.60	5.13	4.89	0.00
51.00	5.13	4.89	0.00	56.70	5.13	4.89	0.00
51.10	5.13	4.89	0.00	56.80	5.13	4.89	0.00
51.20	5.13	4.89	0.00	56.90	5.13	4.89	0.00

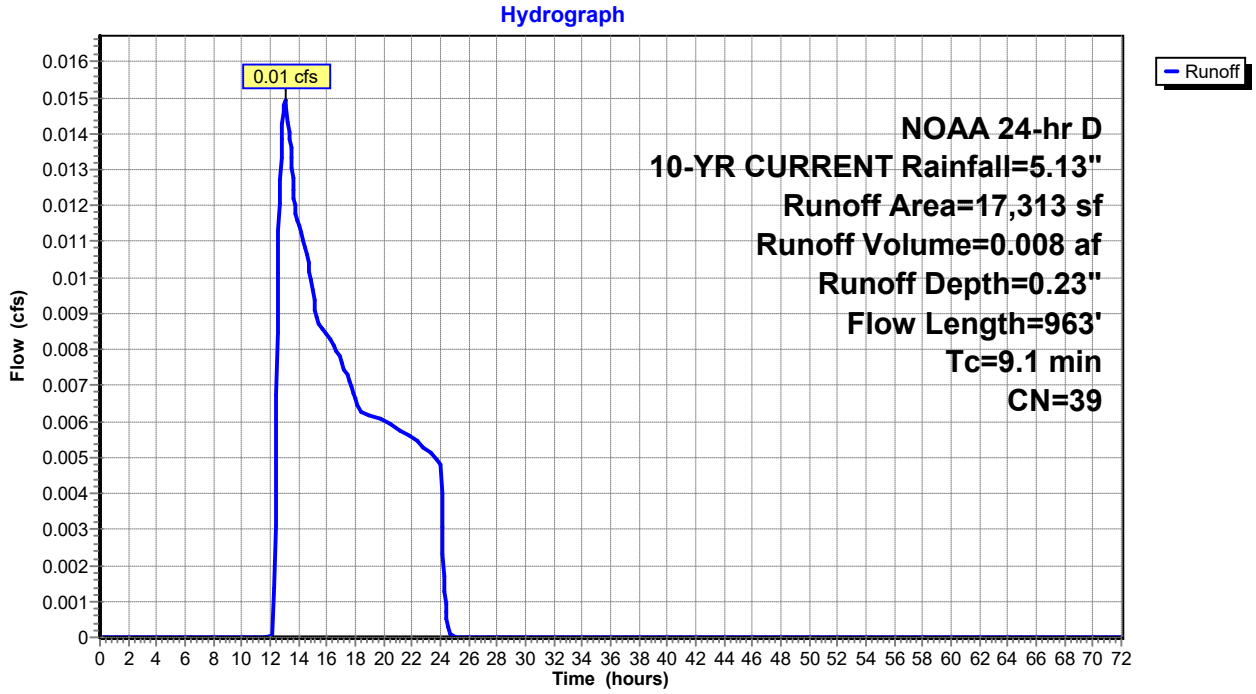
Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	5.13	4.89	0.00	62.70	5.13	4.89	0.00
57.10	5.13	4.89	0.00	62.80	5.13	4.89	0.00
57.20	5.13	4.89	0.00	62.90	5.13	4.89	0.00
57.30	5.13	4.89	0.00	63.00	5.13	4.89	0.00
57.40	5.13	4.89	0.00	63.10	5.13	4.89	0.00
57.50	5.13	4.89	0.00	63.20	5.13	4.89	0.00
57.60	5.13	4.89	0.00	63.30	5.13	4.89	0.00
57.70	5.13	4.89	0.00	63.40	5.13	4.89	0.00
57.80	5.13	4.89	0.00	63.50	5.13	4.89	0.00
57.90	5.13	4.89	0.00	63.60	5.13	4.89	0.00
58.00	5.13	4.89	0.00	63.70	5.13	4.89	0.00
58.10	5.13	4.89	0.00	63.80	5.13	4.89	0.00
58.20	5.13	4.89	0.00	63.90	5.13	4.89	0.00
58.30	5.13	4.89	0.00	64.00	5.13	4.89	0.00
58.40	5.13	4.89	0.00	64.10	5.13	4.89	0.00
58.50	5.13	4.89	0.00	64.20	5.13	4.89	0.00
58.60	5.13	4.89	0.00	64.30	5.13	4.89	0.00
58.70	5.13	4.89	0.00	64.40	5.13	4.89	0.00
58.80	5.13	4.89	0.00	64.50	5.13	4.89	0.00
58.90	5.13	4.89	0.00	64.60	5.13	4.89	0.00
59.00	5.13	4.89	0.00	64.70	5.13	4.89	0.00
59.10	5.13	4.89	0.00	64.80	5.13	4.89	0.00
59.20	5.13	4.89	0.00	64.90	5.13	4.89	0.00
59.30	5.13	4.89	0.00	65.00	5.13	4.89	0.00
59.40	5.13	4.89	0.00	65.10	5.13	4.89	0.00
59.50	5.13	4.89	0.00	65.20	5.13	4.89	0.00
59.60	5.13	4.89	0.00	65.30	5.13	4.89	0.00
59.70	5.13	4.89	0.00	65.40	5.13	4.89	0.00
59.80	5.13	4.89	0.00	65.50	5.13	4.89	0.00
59.90	5.13	4.89	0.00	65.60	5.13	4.89	0.00
60.00	5.13	4.89	0.00	65.70	5.13	4.89	0.00
60.10	5.13	4.89	0.00	65.80	5.13	4.89	0.00
60.20	5.13	4.89	0.00	65.90	5.13	4.89	0.00
60.30	5.13	4.89	0.00	66.00	5.13	4.89	0.00
60.40	5.13	4.89	0.00	66.10	5.13	4.89	0.00
60.50	5.13	4.89	0.00	66.20	5.13	4.89	0.00
60.60	5.13	4.89	0.00	66.30	5.13	4.89	0.00
60.70	5.13	4.89	0.00	66.40	5.13	4.89	0.00
60.80	5.13	4.89	0.00	66.50	5.13	4.89	0.00
60.90	5.13	4.89	0.00	66.60	5.13	4.89	0.00
61.00	5.13	4.89	0.00	66.70	5.13	4.89	0.00
61.10	5.13	4.89	0.00	66.80	5.13	4.89	0.00
61.20	5.13	4.89	0.00	66.90	5.13	4.89	0.00
61.30	5.13	4.89	0.00	67.00	5.13	4.89	0.00
61.40	5.13	4.89	0.00	67.10	5.13	4.89	0.00
61.50	5.13	4.89	0.00	67.20	5.13	4.89	0.00
61.60	5.13	4.89	0.00	67.30	5.13	4.89	0.00
61.70	5.13	4.89	0.00	67.40	5.13	4.89	0.00
61.80	5.13	4.89	0.00	67.50	5.13	4.89	0.00
61.90	5.13	4.89	0.00	67.60	5.13	4.89	0.00
62.00	5.13	4.89	0.00	67.70	5.13	4.89	0.00
62.10	5.13	4.89	0.00	67.80	5.13	4.89	0.00
62.20	5.13	4.89	0.00	67.90	5.13	4.89	0.00
62.30	5.13	4.89	0.00	68.00	5.13	4.89	0.00
62.40	5.13	4.89	0.00	68.10	5.13	4.89	0.00
62.50	5.13	4.89	0.00	68.20	5.13	4.89	0.00
62.60	5.13	4.89	0.00	68.30	5.13	4.89	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	5.13	4.89	0.00
68.50	5.13	4.89	0.00
68.60	5.13	4.89	0.00
68.70	5.13	4.89	0.00
68.80	5.13	4.89	0.00
68.90	5.13	4.89	0.00
69.00	5.13	4.89	0.00
69.10	5.13	4.89	0.00
69.20	5.13	4.89	0.00
69.30	5.13	4.89	0.00
69.40	5.13	4.89	0.00
69.50	5.13	4.89	0.00
69.60	5.13	4.89	0.00
69.70	5.13	4.89	0.00
69.80	5.13	4.89	0.00
69.90	5.13	4.89	0.00
70.00	5.13	4.89	0.00
70.10	5.13	4.89	0.00
70.20	5.13	4.89	0.00
70.30	5.13	4.89	0.00
70.40	5.13	4.89	0.00
70.50	5.13	4.89	0.00
70.60	5.13	4.89	0.00
70.70	5.13	4.89	0.00
70.80	5.13	4.89	0.00
70.90	5.13	4.89	0.00
71.00	5.13	4.89	0.00
71.10	5.13	4.89	0.00
71.20	5.13	4.89	0.00
71.30	5.13	4.89	0.00
71.40	5.13	4.89	0.00
71.50	5.13	4.89	0.00
71.60	5.13	4.89	0.00
71.70	5.13	4.89	0.00
71.80	5.13	4.89	0.00
71.90	5.13	4.89	0.00
72.00	5.13	4.89	0.00

Subcatchment 2S: EDA 1-Pervious



Hydrograph for Subcatchment 2S: EDA 1-Pervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.41	0.00	0.00
0.10	0.01	0.00	0.00	5.80	0.42	0.00	0.00
0.20	0.01	0.00	0.00	5.90	0.43	0.00	0.00
0.30	0.02	0.00	0.00	6.00	0.44	0.00	0.00
0.40	0.02	0.00	0.00	6.10	0.45	0.00	0.00
0.50	0.03	0.00	0.00	6.20	0.46	0.00	0.00
0.60	0.03	0.00	0.00	6.30	0.47	0.00	0.00
0.70	0.04	0.00	0.00	6.40	0.48	0.00	0.00
0.80	0.05	0.00	0.00	6.50	0.49	0.00	0.00
0.90	0.05	0.00	0.00	6.60	0.50	0.00	0.00
1.00	0.06	0.00	0.00	6.70	0.51	0.00	0.00
1.10	0.06	0.00	0.00	6.80	0.52	0.00	0.00
1.20	0.07	0.00	0.00	6.90	0.53	0.00	0.00
1.30	0.08	0.00	0.00	7.00	0.54	0.00	0.00
1.40	0.08	0.00	0.00	7.10	0.55	0.00	0.00
1.50	0.09	0.00	0.00	7.20	0.56	0.00	0.00
1.60	0.10	0.00	0.00	7.30	0.58	0.00	0.00
1.70	0.10	0.00	0.00	7.40	0.59	0.00	0.00
1.80	0.11	0.00	0.00	7.50	0.60	0.00	0.00
1.90	0.12	0.00	0.00	7.60	0.61	0.00	0.00
2.00	0.12	0.00	0.00	7.70	0.63	0.00	0.00
2.10	0.13	0.00	0.00	7.80	0.64	0.00	0.00
2.20	0.14	0.00	0.00	7.90	0.65	0.00	0.00
2.30	0.14	0.00	0.00	8.00	0.67	0.00	0.00
2.40	0.15	0.00	0.00	8.10	0.68	0.00	0.00
2.50	0.16	0.00	0.00	8.20	0.69	0.00	0.00
2.60	0.16	0.00	0.00	8.30	0.71	0.00	0.00
2.70	0.17	0.00	0.00	8.40	0.72	0.00	0.00
2.80	0.18	0.00	0.00	8.50	0.74	0.00	0.00
2.90	0.19	0.00	0.00	8.60	0.75	0.00	0.00
3.00	0.19	0.00	0.00	8.70	0.77	0.00	0.00
3.10	0.20	0.00	0.00	8.80	0.78	0.00	0.00
3.20	0.21	0.00	0.00	8.90	0.80	0.00	0.00
3.30	0.22	0.00	0.00	9.00	0.81	0.00	0.00
3.40	0.22	0.00	0.00	9.10	0.83	0.00	0.00
3.50	0.23	0.00	0.00	9.20	0.85	0.00	0.00
3.60	0.24	0.00	0.00	9.30	0.87	0.00	0.00
3.70	0.25	0.00	0.00	9.40	0.89	0.00	0.00
3.80	0.25	0.00	0.00	9.50	0.91	0.00	0.00
3.90	0.26	0.00	0.00	9.60	0.93	0.00	0.00
4.00	0.27	0.00	0.00	9.70	0.95	0.00	0.00
4.10	0.28	0.00	0.00	9.80	0.97	0.00	0.00
4.20	0.28	0.00	0.00	9.90	0.99	0.00	0.00
4.30	0.29	0.00	0.00	10.00	1.02	0.00	0.00
4.40	0.30	0.00	0.00	10.10	1.04	0.00	0.00
4.50	0.31	0.00	0.00	10.20	1.07	0.00	0.00
4.60	0.32	0.00	0.00	10.30	1.09	0.00	0.00
4.70	0.33	0.00	0.00	10.40	1.12	0.00	0.00
4.80	0.33	0.00	0.00	10.50	1.15	0.00	0.00
4.90	0.34	0.00	0.00	10.60	1.18	0.00	0.00
5.00	0.35	0.00	0.00	10.70	1.21	0.00	0.00
5.10	0.36	0.00	0.00	10.80	1.25	0.00	0.00
5.20	0.37	0.00	0.00	10.90	1.29	0.00	0.00
5.30	0.38	0.00	0.00	11.00	1.33	0.00	0.00
5.40	0.38	0.00	0.00	11.10	1.38	0.00	0.00
5.50	0.39	0.00	0.00	11.20	1.43	0.00	0.00
5.60	0.40	0.00	0.00	11.30	1.49	0.00	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.56	0.00	0.00	17.10	4.60	0.13	0.01
11.50	1.63	0.00	0.00	17.20	4.61	0.13	0.01
11.60	1.72	0.00	0.00	17.30	4.62	0.13	0.01
11.70	1.82	0.00	0.00	17.40	4.63	0.13	0.01
11.80	1.95	0.00	0.00	17.50	4.64	0.13	0.01
11.90	2.14	0.00	0.00	17.60	4.65	0.14	0.01
12.00	2.46	0.00	0.00	17.70	4.66	0.14	0.01
12.10	2.99	0.00	0.00	17.80	4.67	0.14	0.01
12.20	3.18	0.00	0.00	17.90	4.68	0.14	0.01
12.30	3.31	0.00	0.00	18.00	4.69	0.14	0.01
12.40	3.41	0.01	0.00	18.10	4.70	0.14	0.01
12.50	3.50	0.01	0.01	18.20	4.71	0.15	0.01
12.60	3.57	0.01	0.01	18.30	4.72	0.15	0.01
12.70	3.64	0.02	0.01	18.40	4.73	0.15	0.01
12.80	3.70	0.02	0.01	18.50	4.74	0.15	0.01
12.90	3.75	0.02	0.01	18.60	4.75	0.15	0.01
13.00	3.80	0.03	**0.01**	18.70	4.75	0.15	0.01
13.10	3.84	0.03	**0.01**	18.80	4.76	0.15	0.01
13.20	3.88	0.03	0.01	18.90	4.77	0.16	0.01
13.30	3.92	0.04	0.01	19.00	4.78	0.16	0.01
13.40	3.95	0.04	0.01	19.10	4.79	0.16	0.01
13.50	3.98	0.04	0.01	19.20	4.80	0.16	0.01
13.60	4.01	0.05	0.01	19.30	4.80	0.16	0.01
13.70	4.04	0.05	0.01	19.40	4.81	0.16	0.01
13.80	4.06	0.05	0.01	19.50	4.82	0.17	0.01
13.90	4.09	0.06	0.01	19.60	4.83	0.17	0.01
14.00	4.11	0.06	0.01	19.70	4.84	0.17	0.01
14.10	4.14	0.06	0.01	19.80	4.85	0.17	0.01
14.20	4.16	0.06	0.01	19.90	4.85	0.17	0.01
14.30	4.18	0.07	0.01	20.00	4.86	0.17	0.01
14.40	4.20	0.07	0.01	20.10	4.87	0.17	0.01
14.50	4.22	0.07	0.01	20.20	4.88	0.18	0.01
14.60	4.24	0.07	0.01	20.30	4.88	0.18	0.01
14.70	4.26	0.08	0.01	20.40	4.89	0.18	0.01
14.80	4.28	0.08	0.01	20.50	4.90	0.18	0.01
14.90	4.30	0.08	0.01	20.60	4.91	0.18	0.01
15.00	4.32	0.08	0.01	20.70	4.91	0.18	0.01
15.10	4.33	0.09	0.01	20.80	4.92	0.18	0.01
15.20	4.35	0.09	0.01	20.90	4.93	0.19	0.01
15.30	4.36	0.09	0.01	21.00	4.94	0.19	0.01
15.40	4.38	0.09	0.01	21.10	4.94	0.19	0.01
15.50	4.39	0.09	0.01	21.20	4.95	0.19	0.01
15.60	4.41	0.10	0.01	21.30	4.96	0.19	0.01
15.70	4.42	0.10	0.01	21.40	4.97	0.19	0.01
15.80	4.44	0.10	0.01	21.50	4.97	0.19	0.01
15.90	4.45	0.10	0.01	21.60	4.98	0.20	0.01
16.00	4.46	0.11	0.01	21.70	4.99	0.20	0.01
16.10	4.48	0.11	0.01	21.80	4.99	0.20	0.01
16.20	4.49	0.11	0.01	21.90	5.00	0.20	0.01
16.30	4.50	0.11	0.01	22.00	5.01	0.20	0.01
16.40	4.52	0.11	0.01	22.10	5.01	0.20	0.01
16.50	4.53	0.12	0.01	22.20	5.02	0.20	0.01
16.60	4.54	0.12	0.01	22.30	5.03	0.21	0.01
16.70	4.55	0.12	0.01	22.40	5.03	0.21	0.01
16.80	4.57	0.12	0.01	22.50	5.04	0.21	0.01
16.90	4.58	0.12	0.01	22.60	5.05	0.21	0.01
17.00	4.59	0.12	0.01	22.70	5.05	0.21	0.01

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	5.06	0.21	0.01	28.50	5.13	0.23	0.00
22.90	5.07	0.21	0.01	28.60	5.13	0.23	0.00
23.00	5.07	0.21	0.01	28.70	5.13	0.23	0.00
23.10	5.08	0.22	0.01	28.80	5.13	0.23	0.00
23.20	5.08	0.22	0.01	28.90	5.13	0.23	0.00
23.30	5.09	0.22	0.01	29.00	5.13	0.23	0.00
23.40	5.10	0.22	0.01	29.10	5.13	0.23	0.00
23.50	5.10	0.22	0.01	29.20	5.13	0.23	0.00
23.60	5.11	0.22	0.01	29.30	5.13	0.23	0.00
23.70	5.11	0.22	0.00	29.40	5.13	0.23	0.00
23.80	5.12	0.22	0.00	29.50	5.13	0.23	0.00
23.90	5.12	0.23	0.00	29.60	5.13	0.23	0.00
24.00	**5.13**	**0.23**	0.00	29.70	5.13	0.23	0.00
24.10	5.13	0.23	0.00	29.80	5.13	0.23	0.00
24.20	5.13	0.23	0.00	29.90	5.13	0.23	0.00
24.30	5.13	0.23	0.00	30.00	5.13	0.23	0.00
24.40	5.13	0.23	0.00	30.10	5.13	0.23	0.00
24.50	5.13	0.23	0.00	30.20	5.13	0.23	0.00
24.60	5.13	0.23	0.00	30.30	5.13	0.23	0.00
24.70	5.13	0.23	0.00	30.40	5.13	0.23	0.00
24.80	5.13	0.23	0.00	30.50	5.13	0.23	0.00
24.90	5.13	0.23	0.00	30.60	5.13	0.23	0.00
25.00	5.13	0.23	0.00	30.70	5.13	0.23	0.00
25.10	5.13	0.23	0.00	30.80	5.13	0.23	0.00
25.20	5.13	0.23	0.00	30.90	5.13	0.23	0.00
25.30	5.13	0.23	0.00	31.00	5.13	0.23	0.00
25.40	5.13	0.23	0.00	31.10	5.13	0.23	0.00
25.50	5.13	0.23	0.00	31.20	5.13	0.23	0.00
25.60	5.13	0.23	0.00	31.30	5.13	0.23	0.00
25.70	5.13	0.23	0.00	31.40	5.13	0.23	0.00
25.80	5.13	0.23	0.00	31.50	5.13	0.23	0.00
25.90	5.13	0.23	0.00	31.60	5.13	0.23	0.00
26.00	5.13	0.23	0.00	31.70	5.13	0.23	0.00
26.10	5.13	0.23	0.00	31.80	5.13	0.23	0.00
26.20	5.13	0.23	0.00	31.90	5.13	0.23	0.00
26.30	5.13	0.23	0.00	32.00	5.13	0.23	0.00
26.40	5.13	0.23	0.00	32.10	5.13	0.23	0.00
26.50	5.13	0.23	0.00	32.20	5.13	0.23	0.00
26.60	5.13	0.23	0.00	32.30	5.13	0.23	0.00
26.70	5.13	0.23	0.00	32.40	5.13	0.23	0.00
26.80	5.13	0.23	0.00	32.50	5.13	0.23	0.00
26.90	5.13	0.23	0.00	32.60	5.13	0.23	0.00
27.00	5.13	0.23	0.00	32.70	5.13	0.23	0.00
27.10	5.13	0.23	0.00	32.80	5.13	0.23	0.00
27.20	5.13	0.23	0.00	32.90	5.13	0.23	0.00
27.30	5.13	0.23	0.00	33.00	5.13	0.23	0.00
27.40	5.13	0.23	0.00	33.10	5.13	0.23	0.00
27.50	5.13	0.23	0.00	33.20	5.13	0.23	0.00
27.60	5.13	0.23	0.00	33.30	5.13	0.23	0.00
27.70	5.13	0.23	0.00	33.40	5.13	0.23	0.00
27.80	5.13	0.23	0.00	33.50	5.13	0.23	0.00
27.90	5.13	0.23	0.00	33.60	5.13	0.23	0.00
28.00	5.13	0.23	0.00	33.70	5.13	0.23	0.00
28.10	5.13	0.23	0.00	33.80	5.13	0.23	0.00
28.20	5.13	0.23	0.00	33.90	5.13	0.23	0.00
28.30	5.13	0.23	0.00	34.00	5.13	0.23	0.00
28.40	5.13	0.23	0.00	34.10	5.13	0.23	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	5.13	0.23	0.00	39.90	5.13	0.23	0.00
34.30	5.13	0.23	0.00	40.00	5.13	0.23	0.00
34.40	5.13	0.23	0.00	40.10	5.13	0.23	0.00
34.50	5.13	0.23	0.00	40.20	5.13	0.23	0.00
34.60	5.13	0.23	0.00	40.30	5.13	0.23	0.00
34.70	5.13	0.23	0.00	40.40	5.13	0.23	0.00
34.80	5.13	0.23	0.00	40.50	5.13	0.23	0.00
34.90	5.13	0.23	0.00	40.60	5.13	0.23	0.00
35.00	5.13	0.23	0.00	40.70	5.13	0.23	0.00
35.10	5.13	0.23	0.00	40.80	5.13	0.23	0.00
35.20	5.13	0.23	0.00	40.90	5.13	0.23	0.00
35.30	5.13	0.23	0.00	41.00	5.13	0.23	0.00
35.40	5.13	0.23	0.00	41.10	5.13	0.23	0.00
35.50	5.13	0.23	0.00	41.20	5.13	0.23	0.00
35.60	5.13	0.23	0.00	41.30	5.13	0.23	0.00
35.70	5.13	0.23	0.00	41.40	5.13	0.23	0.00
35.80	5.13	0.23	0.00	41.50	5.13	0.23	0.00
35.90	5.13	0.23	0.00	41.60	5.13	0.23	0.00
36.00	5.13	0.23	0.00	41.70	5.13	0.23	0.00
36.10	5.13	0.23	0.00	41.80	5.13	0.23	0.00
36.20	5.13	0.23	0.00	41.90	5.13	0.23	0.00
36.30	5.13	0.23	0.00	42.00	5.13	0.23	0.00
36.40	5.13	0.23	0.00	42.10	5.13	0.23	0.00
36.50	5.13	0.23	0.00	42.20	5.13	0.23	0.00
36.60	5.13	0.23	0.00	42.30	5.13	0.23	0.00
36.70	5.13	0.23	0.00	42.40	5.13	0.23	0.00
36.80	5.13	0.23	0.00	42.50	5.13	0.23	0.00
36.90	5.13	0.23	0.00	42.60	5.13	0.23	0.00
37.00	5.13	0.23	0.00	42.70	5.13	0.23	0.00
37.10	5.13	0.23	0.00	42.80	5.13	0.23	0.00
37.20	5.13	0.23	0.00	42.90	5.13	0.23	0.00
37.30	5.13	0.23	0.00	43.00	5.13	0.23	0.00
37.40	5.13	0.23	0.00	43.10	5.13	0.23	0.00
37.50	5.13	0.23	0.00	43.20	5.13	0.23	0.00
37.60	5.13	0.23	0.00	43.30	5.13	0.23	0.00
37.70	5.13	0.23	0.00	43.40	5.13	0.23	0.00
37.80	5.13	0.23	0.00	43.50	5.13	0.23	0.00
37.90	5.13	0.23	0.00	43.60	5.13	0.23	0.00
38.00	5.13	0.23	0.00	43.70	5.13	0.23	0.00
38.10	5.13	0.23	0.00	43.80	5.13	0.23	0.00
38.20	5.13	0.23	0.00	43.90	5.13	0.23	0.00
38.30	5.13	0.23	0.00	44.00	5.13	0.23	0.00
38.40	5.13	0.23	0.00	44.10	5.13	0.23	0.00
38.50	5.13	0.23	0.00	44.20	5.13	0.23	0.00
38.60	5.13	0.23	0.00	44.30	5.13	0.23	0.00
38.70	5.13	0.23	0.00	44.40	5.13	0.23	0.00
38.80	5.13	0.23	0.00	44.50	5.13	0.23	0.00
38.90	5.13	0.23	0.00	44.60	5.13	0.23	0.00
39.00	5.13	0.23	0.00	44.70	5.13	0.23	0.00
39.10	5.13	0.23	0.00	44.80	5.13	0.23	0.00
39.20	5.13	0.23	0.00	44.90	5.13	0.23	0.00
39.30	5.13	0.23	0.00	45.00	5.13	0.23	0.00
39.40	5.13	0.23	0.00	45.10	5.13	0.23	0.00
39.50	5.13	0.23	0.00	45.20	5.13	0.23	0.00
39.60	5.13	0.23	0.00	45.30	5.13	0.23	0.00
39.70	5.13	0.23	0.00	45.40	5.13	0.23	0.00
39.80	5.13	0.23	0.00	45.50	5.13	0.23	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	5.13	0.23	0.00	51.30	5.13	0.23	0.00
45.70	5.13	0.23	0.00	51.40	5.13	0.23	0.00
45.80	5.13	0.23	0.00	51.50	5.13	0.23	0.00
45.90	5.13	0.23	0.00	51.60	5.13	0.23	0.00
46.00	5.13	0.23	0.00	51.70	5.13	0.23	0.00
46.10	5.13	0.23	0.00	51.80	5.13	0.23	0.00
46.20	5.13	0.23	0.00	51.90	5.13	0.23	0.00
46.30	5.13	0.23	0.00	52.00	5.13	0.23	0.00
46.40	5.13	0.23	0.00	52.10	5.13	0.23	0.00
46.50	5.13	0.23	0.00	52.20	5.13	0.23	0.00
46.60	5.13	0.23	0.00	52.30	5.13	0.23	0.00
46.70	5.13	0.23	0.00	52.40	5.13	0.23	0.00
46.80	5.13	0.23	0.00	52.50	5.13	0.23	0.00
46.90	5.13	0.23	0.00	52.60	5.13	0.23	0.00
47.00	5.13	0.23	0.00	52.70	5.13	0.23	0.00
47.10	5.13	0.23	0.00	52.80	5.13	0.23	0.00
47.20	5.13	0.23	0.00	52.90	5.13	0.23	0.00
47.30	5.13	0.23	0.00	53.00	5.13	0.23	0.00
47.40	5.13	0.23	0.00	53.10	5.13	0.23	0.00
47.50	5.13	0.23	0.00	53.20	5.13	0.23	0.00
47.60	5.13	0.23	0.00	53.30	5.13	0.23	0.00
47.70	5.13	0.23	0.00	53.40	5.13	0.23	0.00
47.80	5.13	0.23	0.00	53.50	5.13	0.23	0.00
47.90	5.13	0.23	0.00	53.60	5.13	0.23	0.00
48.00	5.13	0.23	0.00	53.70	5.13	0.23	0.00
48.10	5.13	0.23	0.00	53.80	5.13	0.23	0.00
48.20	5.13	0.23	0.00	53.90	5.13	0.23	0.00
48.30	5.13	0.23	0.00	54.00	5.13	0.23	0.00
48.40	5.13	0.23	0.00	54.10	5.13	0.23	0.00
48.50	5.13	0.23	0.00	54.20	5.13	0.23	0.00
48.60	5.13	0.23	0.00	54.30	5.13	0.23	0.00
48.70	5.13	0.23	0.00	54.40	5.13	0.23	0.00
48.80	5.13	0.23	0.00	54.50	5.13	0.23	0.00
48.90	5.13	0.23	0.00	54.60	5.13	0.23	0.00
49.00	5.13	0.23	0.00	54.70	5.13	0.23	0.00
49.10	5.13	0.23	0.00	54.80	5.13	0.23	0.00
49.20	5.13	0.23	0.00	54.90	5.13	0.23	0.00
49.30	5.13	0.23	0.00	55.00	5.13	0.23	0.00
49.40	5.13	0.23	0.00	55.10	5.13	0.23	0.00
49.50	5.13	0.23	0.00	55.20	5.13	0.23	0.00
49.60	5.13	0.23	0.00	55.30	5.13	0.23	0.00
49.70	5.13	0.23	0.00	55.40	5.13	0.23	0.00
49.80	5.13	0.23	0.00	55.50	5.13	0.23	0.00
49.90	5.13	0.23	0.00	55.60	5.13	0.23	0.00
50.00	5.13	0.23	0.00	55.70	5.13	0.23	0.00
50.10	5.13	0.23	0.00	55.80	5.13	0.23	0.00
50.20	5.13	0.23	0.00	55.90	5.13	0.23	0.00
50.30	5.13	0.23	0.00	56.00	5.13	0.23	0.00
50.40	5.13	0.23	0.00	56.10	5.13	0.23	0.00
50.50	5.13	0.23	0.00	56.20	5.13	0.23	0.00
50.60	5.13	0.23	0.00	56.30	5.13	0.23	0.00
50.70	5.13	0.23	0.00	56.40	5.13	0.23	0.00
50.80	5.13	0.23	0.00	56.50	5.13	0.23	0.00
50.90	5.13	0.23	0.00	56.60	5.13	0.23	0.00
51.00	5.13	0.23	0.00	56.70	5.13	0.23	0.00
51.10	5.13	0.23	0.00	56.80	5.13	0.23	0.00
51.20	5.13	0.23	0.00	56.90	5.13	0.23	0.00

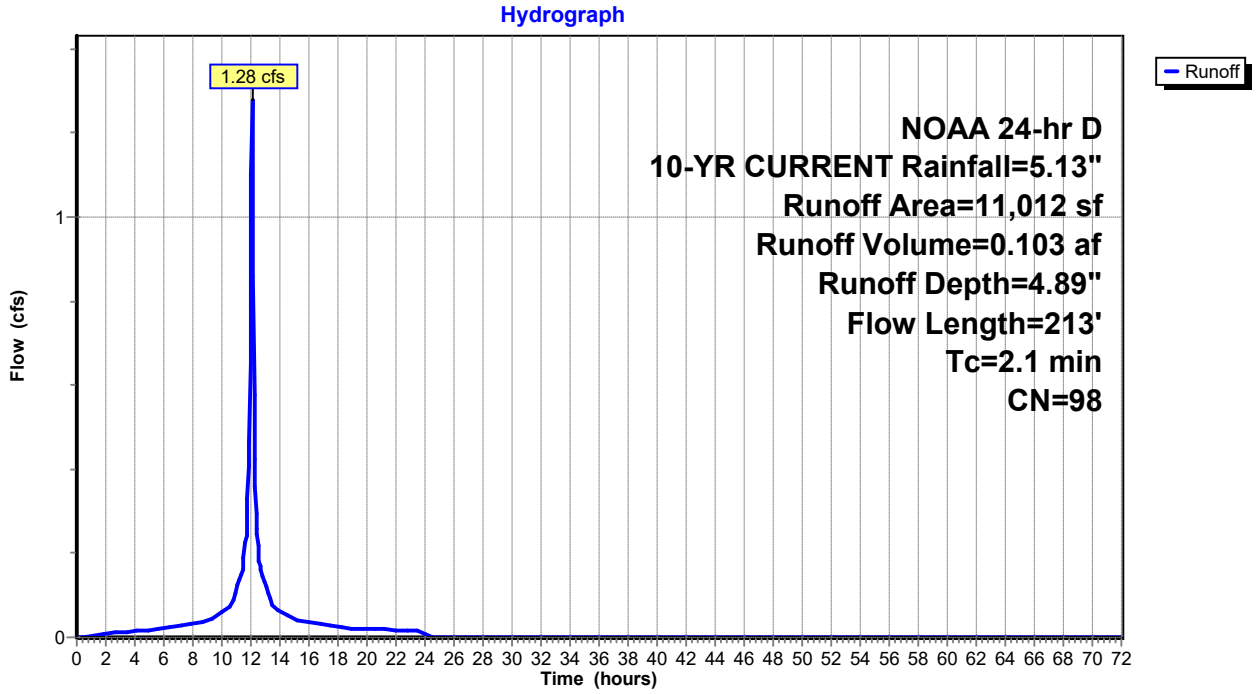
Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	5.13	0.23	0.00	62.70	5.13	0.23	0.00
57.10	5.13	0.23	0.00	62.80	5.13	0.23	0.00
57.20	5.13	0.23	0.00	62.90	5.13	0.23	0.00
57.30	5.13	0.23	0.00	63.00	5.13	0.23	0.00
57.40	5.13	0.23	0.00	63.10	5.13	0.23	0.00
57.50	5.13	0.23	0.00	63.20	5.13	0.23	0.00
57.60	5.13	0.23	0.00	63.30	5.13	0.23	0.00
57.70	5.13	0.23	0.00	63.40	5.13	0.23	0.00
57.80	5.13	0.23	0.00	63.50	5.13	0.23	0.00
57.90	5.13	0.23	0.00	63.60	5.13	0.23	0.00
58.00	5.13	0.23	0.00	63.70	5.13	0.23	0.00
58.10	5.13	0.23	0.00	63.80	5.13	0.23	0.00
58.20	5.13	0.23	0.00	63.90	5.13	0.23	0.00
58.30	5.13	0.23	0.00	64.00	5.13	0.23	0.00
58.40	5.13	0.23	0.00	64.10	5.13	0.23	0.00
58.50	5.13	0.23	0.00	64.20	5.13	0.23	0.00
58.60	5.13	0.23	0.00	64.30	5.13	0.23	0.00
58.70	5.13	0.23	0.00	64.40	5.13	0.23	0.00
58.80	5.13	0.23	0.00	64.50	5.13	0.23	0.00
58.90	5.13	0.23	0.00	64.60	5.13	0.23	0.00
59.00	5.13	0.23	0.00	64.70	5.13	0.23	0.00
59.10	5.13	0.23	0.00	64.80	5.13	0.23	0.00
59.20	5.13	0.23	0.00	64.90	5.13	0.23	0.00
59.30	5.13	0.23	0.00	65.00	5.13	0.23	0.00
59.40	5.13	0.23	0.00	65.10	5.13	0.23	0.00
59.50	5.13	0.23	0.00	65.20	5.13	0.23	0.00
59.60	5.13	0.23	0.00	65.30	5.13	0.23	0.00
59.70	5.13	0.23	0.00	65.40	5.13	0.23	0.00
59.80	5.13	0.23	0.00	65.50	5.13	0.23	0.00
59.90	5.13	0.23	0.00	65.60	5.13	0.23	0.00
60.00	5.13	0.23	0.00	65.70	5.13	0.23	0.00
60.10	5.13	0.23	0.00	65.80	5.13	0.23	0.00
60.20	5.13	0.23	0.00	65.90	5.13	0.23	0.00
60.30	5.13	0.23	0.00	66.00	5.13	0.23	0.00
60.40	5.13	0.23	0.00	66.10	5.13	0.23	0.00
60.50	5.13	0.23	0.00	66.20	5.13	0.23	0.00
60.60	5.13	0.23	0.00	66.30	5.13	0.23	0.00
60.70	5.13	0.23	0.00	66.40	5.13	0.23	0.00
60.80	5.13	0.23	0.00	66.50	5.13	0.23	0.00
60.90	5.13	0.23	0.00	66.60	5.13	0.23	0.00
61.00	5.13	0.23	0.00	66.70	5.13	0.23	0.00
61.10	5.13	0.23	0.00	66.80	5.13	0.23	0.00
61.20	5.13	0.23	0.00	66.90	5.13	0.23	0.00
61.30	5.13	0.23	0.00	67.00	5.13	0.23	0.00
61.40	5.13	0.23	0.00	67.10	5.13	0.23	0.00
61.50	5.13	0.23	0.00	67.20	5.13	0.23	0.00
61.60	5.13	0.23	0.00	67.30	5.13	0.23	0.00
61.70	5.13	0.23	0.00	67.40	5.13	0.23	0.00
61.80	5.13	0.23	0.00	67.50	5.13	0.23	0.00
61.90	5.13	0.23	0.00	67.60	5.13	0.23	0.00
62.00	5.13	0.23	0.00	67.70	5.13	0.23	0.00
62.10	5.13	0.23	0.00	67.80	5.13	0.23	0.00
62.20	5.13	0.23	0.00	67.90	5.13	0.23	0.00
62.30	5.13	0.23	0.00	68.00	5.13	0.23	0.00
62.40	5.13	0.23	0.00	68.10	5.13	0.23	0.00
62.50	5.13	0.23	0.00	68.20	5.13	0.23	0.00
62.60	5.13	0.23	0.00	68.30	5.13	0.23	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	5.13	0.23	0.00
68.50	5.13	0.23	0.00
68.60	5.13	0.23	0.00
68.70	5.13	0.23	0.00
68.80	5.13	0.23	0.00
68.90	5.13	0.23	0.00
69.00	5.13	0.23	0.00
69.10	5.13	0.23	0.00
69.20	5.13	0.23	0.00
69.30	5.13	0.23	0.00
69.40	5.13	0.23	0.00
69.50	5.13	0.23	0.00
69.60	5.13	0.23	0.00
69.70	5.13	0.23	0.00
69.80	5.13	0.23	0.00
69.90	5.13	0.23	0.00
70.00	5.13	0.23	0.00
70.10	5.13	0.23	0.00
70.20	5.13	0.23	0.00
70.30	5.13	0.23	0.00
70.40	5.13	0.23	0.00
70.50	5.13	0.23	0.00
70.60	5.13	0.23	0.00
70.70	5.13	0.23	0.00
70.80	5.13	0.23	0.00
70.90	5.13	0.23	0.00
71.00	5.13	0.23	0.00
71.10	5.13	0.23	0.00
71.20	5.13	0.23	0.00
71.30	5.13	0.23	0.00
71.40	5.13	0.23	0.00
71.50	5.13	0.23	0.00
71.60	5.13	0.23	0.00
71.70	5.13	0.23	0.00
71.80	5.13	0.23	0.00
71.90	5.13	0.23	0.00
72.00	5.13	0.23	0.00

Subcatchment 4S: EDA 2-Impervious



Hydrograph for Subcatchment 4S: EDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.41	0.24	0.02
0.10	0.01	0.00	0.00	5.80	0.42	0.25	0.02
0.20	0.01	0.00	0.00	5.90	0.43	0.25	0.02
0.30	0.02	0.00	0.00	6.00	0.44	0.26	0.02
0.40	0.02	0.00	0.00	6.10	0.45	0.27	0.02
0.50	0.03	0.00	0.00	6.20	0.46	0.28	0.02
0.60	0.03	0.00	0.00	6.30	0.47	0.29	0.02
0.70	0.04	0.00	0.00	6.40	0.48	0.30	0.02
0.80	0.05	0.00	0.00	6.50	0.49	0.31	0.02
0.90	0.05	0.00	0.00	6.60	0.50	0.31	0.02
1.00	0.06	0.00	0.00	6.70	0.51	0.32	0.02
1.10	0.06	0.00	0.00	6.80	0.52	0.33	0.03
1.20	0.07	0.00	0.00	6.90	0.53	0.34	0.03
1.30	0.08	0.01	0.00	7.00	0.54	0.35	0.03
1.40	0.08	0.01	0.00	7.10	0.55	0.37	0.03
1.50	0.09	0.01	0.01	7.20	0.56	0.38	0.03
1.60	0.10	0.01	0.01	7.30	0.58	0.39	0.03
1.70	0.10	0.01	0.01	7.40	0.59	0.40	0.03
1.80	0.11	0.02	0.01	7.50	0.60	0.41	0.03
1.90	0.12	0.02	0.01	7.60	0.61	0.42	0.03
2.00	0.12	0.02	0.01	7.70	0.63	0.43	0.03
2.10	0.13	0.03	0.01	7.80	0.64	0.45	0.03
2.20	0.14	0.03	0.01	7.90	0.65	0.46	0.03
2.30	0.14	0.03	0.01	8.00	0.67	0.47	0.03
2.40	0.15	0.04	0.01	8.10	0.68	0.48	0.03
2.50	0.16	0.04	0.01	8.20	0.69	0.50	0.03
2.60	0.16	0.05	0.01	8.30	0.71	0.51	0.03
2.70	0.17	0.05	0.01	8.40	0.72	0.52	0.03
2.80	0.18	0.06	0.01	8.50	0.74	0.54	0.04
2.90	0.19	0.06	0.01	8.60	0.75	0.55	0.04
3.00	0.19	0.07	0.01	8.70	0.77	0.57	0.04
3.10	0.20	0.07	0.01	8.80	0.78	0.58	0.04
3.20	0.21	0.08	0.01	8.90	0.80	0.60	0.04
3.30	0.22	0.08	0.01	9.00	0.81	0.61	0.04
3.40	0.22	0.09	0.01	9.10	0.83	0.63	0.04
3.50	0.23	0.09	0.01	9.20	0.85	0.64	0.04
3.60	0.24	0.10	0.01	9.30	0.87	0.66	0.04
3.70	0.25	0.10	0.01	9.40	0.89	0.68	0.05
3.80	0.25	0.11	0.01	9.50	0.91	0.70	0.05
3.90	0.26	0.11	0.02	9.60	0.93	0.72	0.05
4.00	0.27	0.12	0.02	9.70	0.95	0.74	0.05
4.10	0.28	0.13	0.02	9.80	0.97	0.76	0.05
4.20	0.28	0.13	0.02	9.90	0.99	0.78	0.06
4.30	0.29	0.14	0.02	10.00	1.02	0.81	0.06
4.40	0.30	0.15	0.02	10.10	1.04	0.83	0.06
4.50	0.31	0.15	0.02	10.20	1.07	0.86	0.06
4.60	0.32	0.16	0.02	10.30	1.09	0.88	0.07
4.70	0.33	0.17	0.02	10.40	1.12	0.91	0.07
4.80	0.33	0.17	0.02	10.50	1.15	0.94	0.07
4.90	0.34	0.18	0.02	10.60	1.18	0.97	0.08
5.00	0.35	0.19	0.02	10.70	1.21	1.00	0.08
5.10	0.36	0.19	0.02	10.80	1.25	1.04	0.09
5.20	0.37	0.20	0.02	10.90	1.29	1.07	0.10
5.30	0.38	0.21	0.02	11.00	1.33	1.12	0.11
5.40	0.38	0.22	0.02	11.10	1.38	1.16	0.12
5.50	0.39	0.22	0.02	11.20	1.43	1.22	0.13
5.60	0.40	0.23	0.02	11.30	1.49	1.27	0.15

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.56	1.34	0.16	17.10	4.60	4.36	0.03
11.50	1.63	1.40	0.17	17.20	4.61	4.38	0.03
11.60	1.72	1.50	0.23	17.30	4.62	4.39	0.03
11.70	1.82	1.59	0.25	17.40	4.63	4.40	0.03
11.80	1.95	1.73	0.33	17.50	4.64	4.41	0.03
11.90	2.14	1.91	0.46	17.60	4.65	4.42	0.03
12.00	2.46	2.23	0.79	17.70	4.66	4.43	0.03
12.10	2.99	2.76	**1.26**	17.80	4.67	4.44	0.02
12.20	3.18	2.95	0.58	17.90	4.68	4.45	0.02
12.30	3.31	3.08	0.36	18.00	4.69	4.46	0.02
12.40	3.41	3.18	0.26	18.10	4.70	4.46	0.02
12.50	3.50	3.27	0.24	18.20	4.71	4.47	0.02
12.60	3.57	3.34	0.18	18.30	4.72	4.48	0.02
12.70	3.64	3.40	0.16	18.40	4.73	4.49	0.02
12.80	3.70	3.46	0.15	18.50	4.74	4.50	0.02
12.90	3.75	3.51	0.14	18.60	4.75	4.51	0.02
13.00	3.80	3.56	0.12	18.70	4.75	4.52	0.02
13.10	3.84	3.60	0.11	18.80	4.76	4.53	0.02
13.20	3.88	3.64	0.10	18.90	4.77	4.53	0.02
13.30	3.92	3.68	0.09	19.00	4.78	4.54	0.02
13.40	3.95	3.72	0.09	19.10	4.79	4.55	0.02
13.50	3.98	3.75	0.08	19.20	4.80	4.56	0.02
13.60	4.01	3.77	0.07	19.30	4.80	4.57	0.02
13.70	4.04	3.80	0.07	19.40	4.81	4.58	0.02
13.80	4.06	3.83	0.07	19.50	4.82	4.58	0.02
13.90	4.09	3.85	0.07	19.60	4.83	4.59	0.02
14.00	4.11	3.88	0.06	19.70	4.84	4.60	0.02
14.10	4.14	3.90	0.06	19.80	4.85	4.61	0.02
14.20	4.16	3.92	0.06	19.90	4.85	4.62	0.02
14.30	4.18	3.95	0.06	20.00	4.86	4.62	0.02
14.40	4.20	3.97	0.05	20.10	4.87	4.63	0.02
14.50	4.22	3.99	0.05	20.20	4.88	4.64	0.02
14.60	4.24	4.01	0.05	20.30	4.88	4.65	0.02
14.70	4.26	4.03	0.05	20.40	4.89	4.66	0.02
14.80	4.28	4.05	0.05	20.50	4.90	4.66	0.02
14.90	4.30	4.06	0.04	20.60	4.91	4.67	0.02
15.00	4.32	4.08	0.04	20.70	4.91	4.68	0.02
15.10	4.33	4.10	0.04	20.80	4.92	4.69	0.02
15.20	4.35	4.11	0.04	20.90	4.93	4.69	0.02
15.30	4.36	4.13	0.04	21.00	4.94	4.70	0.02
15.40	4.38	4.14	0.04	21.10	4.94	4.71	0.02
15.50	4.39	4.16	0.04	21.20	4.95	4.71	0.02
15.60	4.41	4.17	0.04	21.30	4.96	4.72	0.02
15.70	4.42	4.19	0.04	21.40	4.97	4.73	0.02
15.80	4.44	4.20	0.04	21.50	4.97	4.74	0.02
15.90	4.45	4.21	0.04	21.60	4.98	4.74	0.02
16.00	4.46	4.23	0.04	21.70	4.99	4.75	0.02
16.10	4.48	4.24	0.03	21.80	4.99	4.76	0.02
16.20	4.49	4.26	0.03	21.90	5.00	4.76	0.02
16.30	4.50	4.27	0.03	22.00	5.01	4.77	0.02
16.40	4.52	4.28	0.03	22.10	5.01	4.78	0.02
16.50	4.53	4.29	0.03	22.20	5.02	4.78	0.02
16.60	4.54	4.31	0.03	22.30	5.03	4.79	0.02
16.70	4.55	4.32	0.03	22.40	5.03	4.80	0.02
16.80	4.57	4.33	0.03	22.50	5.04	4.80	0.02
16.90	4.58	4.34	0.03	22.60	5.05	4.81	0.02
17.00	4.59	4.35	0.03	22.70	5.05	4.82	0.02

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	5.06	4.82	0.02	28.50	5.13	4.89	0.00
22.90	5.07	4.83	0.02	28.60	5.13	4.89	0.00
23.00	5.07	4.83	0.02	28.70	5.13	4.89	0.00
23.10	5.08	4.84	0.02	28.80	5.13	4.89	0.00
23.20	5.08	4.85	0.02	28.90	5.13	4.89	0.00
23.30	5.09	4.85	0.02	29.00	5.13	4.89	0.00
23.40	5.10	4.86	0.02	29.10	5.13	4.89	0.00
23.50	5.10	4.86	0.02	29.20	5.13	4.89	0.00
23.60	5.11	4.87	0.01	29.30	5.13	4.89	0.00
23.70	5.11	4.88	0.01	29.40	5.13	4.89	0.00
23.80	5.12	4.88	0.01	29.50	5.13	4.89	0.00
23.90	5.12	4.89	0.01	29.60	5.13	4.89	0.00
24.00	**5.13**	**4.89**	0.01	29.70	5.13	4.89	0.00
24.10	5.13	4.89	0.00	29.80	5.13	4.89	0.00
24.20	5.13	4.89	0.00	29.90	5.13	4.89	0.00
24.30	5.13	4.89	0.00	30.00	5.13	4.89	0.00
24.40	5.13	4.89	0.00	30.10	5.13	4.89	0.00
24.50	5.13	4.89	0.00	30.20	5.13	4.89	0.00
24.60	5.13	4.89	0.00	30.30	5.13	4.89	0.00
24.70	5.13	4.89	0.00	30.40	5.13	4.89	0.00
24.80	5.13	4.89	0.00	30.50	5.13	4.89	0.00
24.90	5.13	4.89	0.00	30.60	5.13	4.89	0.00
25.00	5.13	4.89	0.00	30.70	5.13	4.89	0.00
25.10	5.13	4.89	0.00	30.80	5.13	4.89	0.00
25.20	5.13	4.89	0.00	30.90	5.13	4.89	0.00
25.30	5.13	4.89	0.00	31.00	5.13	4.89	0.00
25.40	5.13	4.89	0.00	31.10	5.13	4.89	0.00
25.50	5.13	4.89	0.00	31.20	5.13	4.89	0.00
25.60	5.13	4.89	0.00	31.30	5.13	4.89	0.00
25.70	5.13	4.89	0.00	31.40	5.13	4.89	0.00
25.80	5.13	4.89	0.00	31.50	5.13	4.89	0.00
25.90	5.13	4.89	0.00	31.60	5.13	4.89	0.00
26.00	5.13	4.89	0.00	31.70	5.13	4.89	0.00
26.10	5.13	4.89	0.00	31.80	5.13	4.89	0.00
26.20	5.13	4.89	0.00	31.90	5.13	4.89	0.00
26.30	5.13	4.89	0.00	32.00	5.13	4.89	0.00
26.40	5.13	4.89	0.00	32.10	5.13	4.89	0.00
26.50	5.13	4.89	0.00	32.20	5.13	4.89	0.00
26.60	5.13	4.89	0.00	32.30	5.13	4.89	0.00
26.70	5.13	4.89	0.00	32.40	5.13	4.89	0.00
26.80	5.13	4.89	0.00	32.50	5.13	4.89	0.00
26.90	5.13	4.89	0.00	32.60	5.13	4.89	0.00
27.00	5.13	4.89	0.00	32.70	5.13	4.89	0.00
27.10	5.13	4.89	0.00	32.80	5.13	4.89	0.00
27.20	5.13	4.89	0.00	32.90	5.13	4.89	0.00
27.30	5.13	4.89	0.00	33.00	5.13	4.89	0.00
27.40	5.13	4.89	0.00	33.10	5.13	4.89	0.00
27.50	5.13	4.89	0.00	33.20	5.13	4.89	0.00
27.60	5.13	4.89	0.00	33.30	5.13	4.89	0.00
27.70	5.13	4.89	0.00	33.40	5.13	4.89	0.00
27.80	5.13	4.89	0.00	33.50	5.13	4.89	0.00
27.90	5.13	4.89	0.00	33.60	5.13	4.89	0.00
28.00	5.13	4.89	0.00	33.70	5.13	4.89	0.00
28.10	5.13	4.89	0.00	33.80	5.13	4.89	0.00
28.20	5.13	4.89	0.00	33.90	5.13	4.89	0.00
28.30	5.13	4.89	0.00	34.00	5.13	4.89	0.00
28.40	5.13	4.89	0.00	34.10	5.13	4.89	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	5.13	4.89	0.00	39.90	5.13	4.89	0.00
34.30	5.13	4.89	0.00	40.00	5.13	4.89	0.00
34.40	5.13	4.89	0.00	40.10	5.13	4.89	0.00
34.50	5.13	4.89	0.00	40.20	5.13	4.89	0.00
34.60	5.13	4.89	0.00	40.30	5.13	4.89	0.00
34.70	5.13	4.89	0.00	40.40	5.13	4.89	0.00
34.80	5.13	4.89	0.00	40.50	5.13	4.89	0.00
34.90	5.13	4.89	0.00	40.60	5.13	4.89	0.00
35.00	5.13	4.89	0.00	40.70	5.13	4.89	0.00
35.10	5.13	4.89	0.00	40.80	5.13	4.89	0.00
35.20	5.13	4.89	0.00	40.90	5.13	4.89	0.00
35.30	5.13	4.89	0.00	41.00	5.13	4.89	0.00
35.40	5.13	4.89	0.00	41.10	5.13	4.89	0.00
35.50	5.13	4.89	0.00	41.20	5.13	4.89	0.00
35.60	5.13	4.89	0.00	41.30	5.13	4.89	0.00
35.70	5.13	4.89	0.00	41.40	5.13	4.89	0.00
35.80	5.13	4.89	0.00	41.50	5.13	4.89	0.00
35.90	5.13	4.89	0.00	41.60	5.13	4.89	0.00
36.00	5.13	4.89	0.00	41.70	5.13	4.89	0.00
36.10	5.13	4.89	0.00	41.80	5.13	4.89	0.00
36.20	5.13	4.89	0.00	41.90	5.13	4.89	0.00
36.30	5.13	4.89	0.00	42.00	5.13	4.89	0.00
36.40	5.13	4.89	0.00	42.10	5.13	4.89	0.00
36.50	5.13	4.89	0.00	42.20	5.13	4.89	0.00
36.60	5.13	4.89	0.00	42.30	5.13	4.89	0.00
36.70	5.13	4.89	0.00	42.40	5.13	4.89	0.00
36.80	5.13	4.89	0.00	42.50	5.13	4.89	0.00
36.90	5.13	4.89	0.00	42.60	5.13	4.89	0.00
37.00	5.13	4.89	0.00	42.70	5.13	4.89	0.00
37.10	5.13	4.89	0.00	42.80	5.13	4.89	0.00
37.20	5.13	4.89	0.00	42.90	5.13	4.89	0.00
37.30	5.13	4.89	0.00	43.00	5.13	4.89	0.00
37.40	5.13	4.89	0.00	43.10	5.13	4.89	0.00
37.50	5.13	4.89	0.00	43.20	5.13	4.89	0.00
37.60	5.13	4.89	0.00	43.30	5.13	4.89	0.00
37.70	5.13	4.89	0.00	43.40	5.13	4.89	0.00
37.80	5.13	4.89	0.00	43.50	5.13	4.89	0.00
37.90	5.13	4.89	0.00	43.60	5.13	4.89	0.00
38.00	5.13	4.89	0.00	43.70	5.13	4.89	0.00
38.10	5.13	4.89	0.00	43.80	5.13	4.89	0.00
38.20	5.13	4.89	0.00	43.90	5.13	4.89	0.00
38.30	5.13	4.89	0.00	44.00	5.13	4.89	0.00
38.40	5.13	4.89	0.00	44.10	5.13	4.89	0.00
38.50	5.13	4.89	0.00	44.20	5.13	4.89	0.00
38.60	5.13	4.89	0.00	44.30	5.13	4.89	0.00
38.70	5.13	4.89	0.00	44.40	5.13	4.89	0.00
38.80	5.13	4.89	0.00	44.50	5.13	4.89	0.00
38.90	5.13	4.89	0.00	44.60	5.13	4.89	0.00
39.00	5.13	4.89	0.00	44.70	5.13	4.89	0.00
39.10	5.13	4.89	0.00	44.80	5.13	4.89	0.00
39.20	5.13	4.89	0.00	44.90	5.13	4.89	0.00
39.30	5.13	4.89	0.00	45.00	5.13	4.89	0.00
39.40	5.13	4.89	0.00	45.10	5.13	4.89	0.00
39.50	5.13	4.89	0.00	45.20	5.13	4.89	0.00
39.60	5.13	4.89	0.00	45.30	5.13	4.89	0.00
39.70	5.13	4.89	0.00	45.40	5.13	4.89	0.00
39.80	5.13	4.89	0.00	45.50	5.13	4.89	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	5.13	4.89	0.00	51.30	5.13	4.89	0.00
45.70	5.13	4.89	0.00	51.40	5.13	4.89	0.00
45.80	5.13	4.89	0.00	51.50	5.13	4.89	0.00
45.90	5.13	4.89	0.00	51.60	5.13	4.89	0.00
46.00	5.13	4.89	0.00	51.70	5.13	4.89	0.00
46.10	5.13	4.89	0.00	51.80	5.13	4.89	0.00
46.20	5.13	4.89	0.00	51.90	5.13	4.89	0.00
46.30	5.13	4.89	0.00	52.00	5.13	4.89	0.00
46.40	5.13	4.89	0.00	52.10	5.13	4.89	0.00
46.50	5.13	4.89	0.00	52.20	5.13	4.89	0.00
46.60	5.13	4.89	0.00	52.30	5.13	4.89	0.00
46.70	5.13	4.89	0.00	52.40	5.13	4.89	0.00
46.80	5.13	4.89	0.00	52.50	5.13	4.89	0.00
46.90	5.13	4.89	0.00	52.60	5.13	4.89	0.00
47.00	5.13	4.89	0.00	52.70	5.13	4.89	0.00
47.10	5.13	4.89	0.00	52.80	5.13	4.89	0.00
47.20	5.13	4.89	0.00	52.90	5.13	4.89	0.00
47.30	5.13	4.89	0.00	53.00	5.13	4.89	0.00
47.40	5.13	4.89	0.00	53.10	5.13	4.89	0.00
47.50	5.13	4.89	0.00	53.20	5.13	4.89	0.00
47.60	5.13	4.89	0.00	53.30	5.13	4.89	0.00
47.70	5.13	4.89	0.00	53.40	5.13	4.89	0.00
47.80	5.13	4.89	0.00	53.50	5.13	4.89	0.00
47.90	5.13	4.89	0.00	53.60	5.13	4.89	0.00
48.00	5.13	4.89	0.00	53.70	5.13	4.89	0.00
48.10	5.13	4.89	0.00	53.80	5.13	4.89	0.00
48.20	5.13	4.89	0.00	53.90	5.13	4.89	0.00
48.30	5.13	4.89	0.00	54.00	5.13	4.89	0.00
48.40	5.13	4.89	0.00	54.10	5.13	4.89	0.00
48.50	5.13	4.89	0.00	54.20	5.13	4.89	0.00
48.60	5.13	4.89	0.00	54.30	5.13	4.89	0.00
48.70	5.13	4.89	0.00	54.40	5.13	4.89	0.00
48.80	5.13	4.89	0.00	54.50	5.13	4.89	0.00
48.90	5.13	4.89	0.00	54.60	5.13	4.89	0.00
49.00	5.13	4.89	0.00	54.70	5.13	4.89	0.00
49.10	5.13	4.89	0.00	54.80	5.13	4.89	0.00
49.20	5.13	4.89	0.00	54.90	5.13	4.89	0.00
49.30	5.13	4.89	0.00	55.00	5.13	4.89	0.00
49.40	5.13	4.89	0.00	55.10	5.13	4.89	0.00
49.50	5.13	4.89	0.00	55.20	5.13	4.89	0.00
49.60	5.13	4.89	0.00	55.30	5.13	4.89	0.00
49.70	5.13	4.89	0.00	55.40	5.13	4.89	0.00
49.80	5.13	4.89	0.00	55.50	5.13	4.89	0.00
49.90	5.13	4.89	0.00	55.60	5.13	4.89	0.00
50.00	5.13	4.89	0.00	55.70	5.13	4.89	0.00
50.10	5.13	4.89	0.00	55.80	5.13	4.89	0.00
50.20	5.13	4.89	0.00	55.90	5.13	4.89	0.00
50.30	5.13	4.89	0.00	56.00	5.13	4.89	0.00
50.40	5.13	4.89	0.00	56.10	5.13	4.89	0.00
50.50	5.13	4.89	0.00	56.20	5.13	4.89	0.00
50.60	5.13	4.89	0.00	56.30	5.13	4.89	0.00
50.70	5.13	4.89	0.00	56.40	5.13	4.89	0.00
50.80	5.13	4.89	0.00	56.50	5.13	4.89	0.00
50.90	5.13	4.89	0.00	56.60	5.13	4.89	0.00
51.00	5.13	4.89	0.00	56.70	5.13	4.89	0.00
51.10	5.13	4.89	0.00	56.80	5.13	4.89	0.00
51.20	5.13	4.89	0.00	56.90	5.13	4.89	0.00

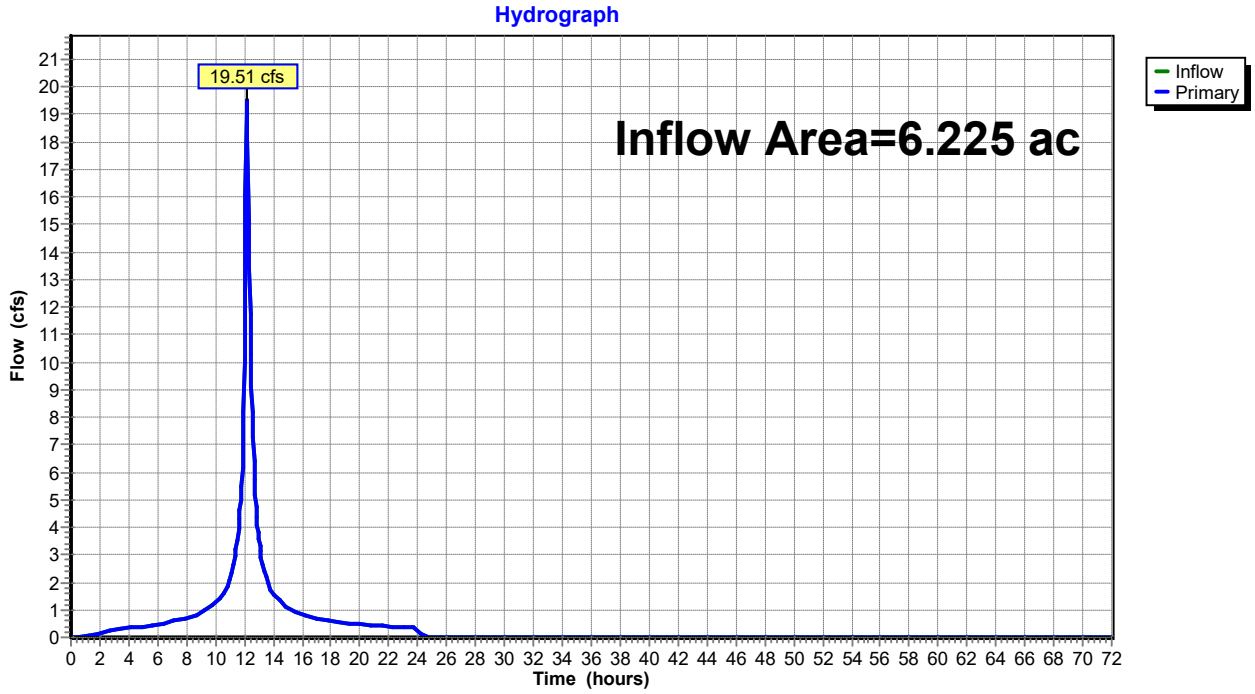
Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	5.13	4.89	0.00	62.70	5.13	4.89	0.00
57.10	5.13	4.89	0.00	62.80	5.13	4.89	0.00
57.20	5.13	4.89	0.00	62.90	5.13	4.89	0.00
57.30	5.13	4.89	0.00	63.00	5.13	4.89	0.00
57.40	5.13	4.89	0.00	63.10	5.13	4.89	0.00
57.50	5.13	4.89	0.00	63.20	5.13	4.89	0.00
57.60	5.13	4.89	0.00	63.30	5.13	4.89	0.00
57.70	5.13	4.89	0.00	63.40	5.13	4.89	0.00
57.80	5.13	4.89	0.00	63.50	5.13	4.89	0.00
57.90	5.13	4.89	0.00	63.60	5.13	4.89	0.00
58.00	5.13	4.89	0.00	63.70	5.13	4.89	0.00
58.10	5.13	4.89	0.00	63.80	5.13	4.89	0.00
58.20	5.13	4.89	0.00	63.90	5.13	4.89	0.00
58.30	5.13	4.89	0.00	64.00	5.13	4.89	0.00
58.40	5.13	4.89	0.00	64.10	5.13	4.89	0.00
58.50	5.13	4.89	0.00	64.20	5.13	4.89	0.00
58.60	5.13	4.89	0.00	64.30	5.13	4.89	0.00
58.70	5.13	4.89	0.00	64.40	5.13	4.89	0.00
58.80	5.13	4.89	0.00	64.50	5.13	4.89	0.00
58.90	5.13	4.89	0.00	64.60	5.13	4.89	0.00
59.00	5.13	4.89	0.00	64.70	5.13	4.89	0.00
59.10	5.13	4.89	0.00	64.80	5.13	4.89	0.00
59.20	5.13	4.89	0.00	64.90	5.13	4.89	0.00
59.30	5.13	4.89	0.00	65.00	5.13	4.89	0.00
59.40	5.13	4.89	0.00	65.10	5.13	4.89	0.00
59.50	5.13	4.89	0.00	65.20	5.13	4.89	0.00
59.60	5.13	4.89	0.00	65.30	5.13	4.89	0.00
59.70	5.13	4.89	0.00	65.40	5.13	4.89	0.00
59.80	5.13	4.89	0.00	65.50	5.13	4.89	0.00
59.90	5.13	4.89	0.00	65.60	5.13	4.89	0.00
60.00	5.13	4.89	0.00	65.70	5.13	4.89	0.00
60.10	5.13	4.89	0.00	65.80	5.13	4.89	0.00
60.20	5.13	4.89	0.00	65.90	5.13	4.89	0.00
60.30	5.13	4.89	0.00	66.00	5.13	4.89	0.00
60.40	5.13	4.89	0.00	66.10	5.13	4.89	0.00
60.50	5.13	4.89	0.00	66.20	5.13	4.89	0.00
60.60	5.13	4.89	0.00	66.30	5.13	4.89	0.00
60.70	5.13	4.89	0.00	66.40	5.13	4.89	0.00
60.80	5.13	4.89	0.00	66.50	5.13	4.89	0.00
60.90	5.13	4.89	0.00	66.60	5.13	4.89	0.00
61.00	5.13	4.89	0.00	66.70	5.13	4.89	0.00
61.10	5.13	4.89	0.00	66.80	5.13	4.89	0.00
61.20	5.13	4.89	0.00	66.90	5.13	4.89	0.00
61.30	5.13	4.89	0.00	67.00	5.13	4.89	0.00
61.40	5.13	4.89	0.00	67.10	5.13	4.89	0.00
61.50	5.13	4.89	0.00	67.20	5.13	4.89	0.00
61.60	5.13	4.89	0.00	67.30	5.13	4.89	0.00
61.70	5.13	4.89	0.00	67.40	5.13	4.89	0.00
61.80	5.13	4.89	0.00	67.50	5.13	4.89	0.00
61.90	5.13	4.89	0.00	67.60	5.13	4.89	0.00
62.00	5.13	4.89	0.00	67.70	5.13	4.89	0.00
62.10	5.13	4.89	0.00	67.80	5.13	4.89	0.00
62.20	5.13	4.89	0.00	67.90	5.13	4.89	0.00
62.30	5.13	4.89	0.00	68.00	5.13	4.89	0.00
62.40	5.13	4.89	0.00	68.10	5.13	4.89	0.00
62.50	5.13	4.89	0.00	68.20	5.13	4.89	0.00
62.60	5.13	4.89	0.00	68.30	5.13	4.89	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	5.13	4.89	0.00
68.50	5.13	4.89	0.00
68.60	5.13	4.89	0.00
68.70	5.13	4.89	0.00
68.80	5.13	4.89	0.00
68.90	5.13	4.89	0.00
69.00	5.13	4.89	0.00
69.10	5.13	4.89	0.00
69.20	5.13	4.89	0.00
69.30	5.13	4.89	0.00
69.40	5.13	4.89	0.00
69.50	5.13	4.89	0.00
69.60	5.13	4.89	0.00
69.70	5.13	4.89	0.00
69.80	5.13	4.89	0.00
69.90	5.13	4.89	0.00
70.00	5.13	4.89	0.00
70.10	5.13	4.89	0.00
70.20	5.13	4.89	0.00
70.30	5.13	4.89	0.00
70.40	5.13	4.89	0.00
70.50	5.13	4.89	0.00
70.60	5.13	4.89	0.00
70.70	5.13	4.89	0.00
70.80	5.13	4.89	0.00
70.90	5.13	4.89	0.00
71.00	5.13	4.89	0.00
71.10	5.13	4.89	0.00
71.20	5.13	4.89	0.00
71.30	5.13	4.89	0.00
71.40	5.13	4.89	0.00
71.50	5.13	4.89	0.00
71.60	5.13	4.89	0.00
71.70	5.13	4.89	0.00
71.80	5.13	4.89	0.00
71.90	5.13	4.89	0.00
72.00	5.13	4.89	0.00

Link 3L: POA-1


Hydrograph
19.51 cfs
Inflow Area=6.225 ac
Inflow
Primary
Flow (cfs)
Time (hours)

Hydrograph for Link 3L: POA-1

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.44	0.00	0.44
0.10	0.00	0.00	0.00	5.80	0.45	0.00	0.45
0.20	0.00	0.00	0.00	5.90	0.45	0.00	0.45
0.30	0.00	0.00	0.00	6.00	0.46	0.00	0.46
0.40	0.00	0.00	0.00	6.10	0.46	0.00	0.46
0.50	0.00	0.00	0.00	6.20	0.47	0.00	0.47
0.60	0.00	0.00	0.00	6.30	0.49	0.00	0.49
0.70	0.00	0.00	0.00	6.40	0.50	0.00	0.50
0.80	0.00	0.00	0.00	6.50	0.51	0.00	0.51
0.90	0.01	0.00	0.01	6.60	0.52	0.00	0.52
1.00	0.02	0.00	0.02	6.70	0.54	0.00	0.54
1.10	0.04	0.00	0.04	6.80	0.55	0.00	0.55
1.20	0.05	0.00	0.05	6.90	0.57	0.00	0.57
1.30	0.07	0.00	0.07	7.00	0.58	0.00	0.58
1.40	0.08	0.00	0.08	7.10	0.59	0.00	0.59
1.50	0.10	0.00	0.10	7.20	0.61	0.00	0.61
1.60	0.11	0.00	0.11	7.30	0.62	0.00	0.62
1.70	0.13	0.00	0.13	7.40	0.64	0.00	0.64
1.80	0.14	0.00	0.14	7.50	0.65	0.00	0.65
1.90	0.15	0.00	0.15	7.60	0.66	0.00	0.66
2.00	0.17	0.00	0.17	7.70	0.68	0.00	0.68
2.10	0.18	0.00	0.18	7.80	0.69	0.00	0.69
2.20	0.19	0.00	0.19	7.90	0.71	0.00	0.71
2.30	0.20	0.00	0.20	8.00	0.72	0.00	0.72
2.40	0.21	0.00	0.21	8.10	0.74	0.00	0.74
2.50	0.22	0.00	0.22	8.20	0.75	0.00	0.75
2.60	0.23	0.00	0.23	8.30	0.76	0.00	0.76
2.70	0.24	0.00	0.24	8.40	0.78	0.00	0.78
2.80	0.25	0.00	0.25	8.50	0.79	0.00	0.79
2.90	0.26	0.00	0.26	8.60	0.81	0.00	0.81
3.00	0.27	0.00	0.27	8.70	0.82	0.00	0.82
3.10	0.28	0.00	0.28	8.80	0.84	0.00	0.84
3.20	0.29	0.00	0.29	8.90	0.85	0.00	0.85
3.30	0.29	0.00	0.29	9.00	0.86	0.00	0.86
3.40	0.30	0.00	0.30	9.10	0.88	0.00	0.88
3.50	0.31	0.00	0.31	9.20	0.92	0.00	0.92
3.60	0.32	0.00	0.32	9.30	0.95	0.00	0.95
3.70	0.32	0.00	0.32	9.40	1.00	0.00	1.00
3.80	0.33	0.00	0.33	9.50	1.04	0.00	1.04
3.90	0.34	0.00	0.34	9.60	1.09	0.00	1.09
4.00	0.34	0.00	0.34	9.70	1.13	0.00	1.13
4.10	0.35	0.00	0.35	9.80	1.18	0.00	1.18
4.20	0.36	0.00	0.36	9.90	1.23	0.00	1.23
4.30	0.36	0.00	0.36	10.00	1.28	0.00	1.28
4.40	0.37	0.00	0.37	10.10	1.33	0.00	1.33
4.50	0.38	0.00	0.38	10.20	1.37	0.00	1.37
4.60	0.38	0.00	0.38	10.30	1.42	0.00	1.42
4.70	0.39	0.00	0.39	10.40	1.47	0.00	1.47
4.80	0.39	0.00	0.39	10.50	1.52	0.00	1.52
4.90	0.40	0.00	0.40	10.60	1.59	0.00	1.59
5.00	0.41	0.00	0.41	10.70	1.70	0.00	1.70
5.10	0.41	0.00	0.41	10.80	1.84	0.00	1.84
5.20	0.42	0.00	0.42	10.90	2.00	0.00	2.00
5.30	0.42	0.00	0.42	11.00	2.16	0.00	2.16
5.40	0.43	0.00	0.43	11.10	2.35	0.00	2.35
5.50	0.43	0.00	0.43	11.20	2.59	0.00	2.59
5.60	0.44	0.00	0.44	11.30	2.86	0.00	2.86

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	3.15	0.00	3.15	17.10	0.69	0.00	0.69
11.50	3.45	0.00	3.45	17.20	0.68	0.00	0.68
11.60	3.94	0.00	3.94	17.30	0.67	0.00	0.67
11.70	4.62	0.00	4.62	17.40	0.65	0.00	0.65
11.80	5.47	0.00	5.47	17.50	0.64	0.00	0.64
11.90	7.03	0.00	7.03	17.60	0.63	0.00	0.63
12.00	10.09	0.00	10.09	17.70	0.61	0.00	0.61
12.10	**16.05**	0.00	**16.05**	17.80	0.60	0.00	0.60
12.20	**19.11**	0.00	**19.11**	17.90	0.59	0.00	0.59
12.30	15.22	0.00	15.22	18.00	0.57	0.00	0.57
12.40	11.73	0.00	11.73	18.10	0.56	0.00	0.56
12.50	9.13	0.00	9.13	18.20	0.55	0.00	0.55
12.60	7.25	0.00	7.25	18.30	0.54	0.00	0.54
12.70	5.71	0.00	5.71	18.40	0.53	0.00	0.53
12.80	4.71	0.00	4.71	18.50	0.53	0.00	0.53
12.90	4.06	0.00	4.06	18.60	0.52	0.00	0.52
13.00	3.56	0.00	3.56	18.70	0.52	0.00	0.52
13.10	3.14	0.00	3.14	18.80	0.52	0.00	0.52
13.20	2.82	0.00	2.82	18.90	0.51	0.00	0.51
13.30	2.57	0.00	2.57	19.00	0.51	0.00	0.51
13.40	2.36	0.00	2.36	19.10	0.51	0.00	0.51
13.50	2.17	0.00	2.17	19.20	0.50	0.00	0.50
13.60	1.98	0.00	1.98	19.30	0.50	0.00	0.50
13.70	1.82	0.00	1.82	19.40	0.50	0.00	0.50
13.80	1.71	0.00	1.71	19.50	0.49	0.00	0.49
13.90	1.63	0.00	1.63	19.60	0.49	0.00	0.49
14.00	1.57	0.00	1.57	19.70	0.49	0.00	0.49
14.10	1.51	0.00	1.51	19.80	0.48	0.00	0.48
14.20	1.46	0.00	1.46	19.90	0.48	0.00	0.48
14.30	1.41	0.00	1.41	20.00	0.48	0.00	0.48
14.40	1.36	0.00	1.36	20.10	0.47	0.00	0.47
14.50	1.31	0.00	1.31	20.20	0.47	0.00	0.47
14.60	1.26	0.00	1.26	20.30	0.47	0.00	0.47
14.70	1.22	0.00	1.22	20.40	0.46	0.00	0.46
14.80	1.17	0.00	1.17	20.50	0.46	0.00	0.46
14.90	1.12	0.00	1.12	20.60	0.46	0.00	0.46
15.00	1.07	0.00	1.07	20.70	0.45	0.00	0.45
15.10	1.03	0.00	1.03	20.80	0.45	0.00	0.45
15.20	0.98	0.00	0.98	20.90	0.45	0.00	0.45
15.30	0.95	0.00	0.95	21.00	0.44	0.00	0.44
15.40	0.93	0.00	0.93	21.10	0.44	0.00	0.44
15.50	0.91	0.00	0.91	21.20	0.43	0.00	0.43
15.60	0.90	0.00	0.90	21.30	0.43	0.00	0.43
15.70	0.88	0.00	0.88	21.40	0.43	0.00	0.43
15.80	0.87	0.00	0.87	21.50	0.43	0.00	0.43
15.90	0.85	0.00	0.85	21.60	0.42	0.00	0.42
16.00	0.84	0.00	0.84	21.70	0.42	0.00	0.42
16.10	0.83	0.00	0.83	21.80	0.41	0.00	0.41
16.20	0.81	0.00	0.81	21.90	0.41	0.00	0.41
16.30	0.80	0.00	0.80	22.00	0.41	0.00	0.41
16.40	0.79	0.00	0.79	22.10	0.40	0.00	0.40
16.50	0.77	0.00	0.77	22.20	0.40	0.00	0.40
16.60	0.76	0.00	0.76	22.30	0.40	0.00	0.40
16.70	0.75	0.00	0.75	22.40	0.39	0.00	0.39
16.80	0.73	0.00	0.73	22.50	0.39	0.00	0.39
16.90	0.72	0.00	0.72	22.60	0.39	0.00	0.39
17.00	0.71	0.00	0.71	22.70	0.38	0.00	0.38

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.38	0.00	0.38	28.50	0.00	0.00	0.00
22.90	0.38	0.00	0.38	28.60	0.00	0.00	0.00
23.00	0.37	0.00	0.37	28.70	0.00	0.00	0.00
23.10	0.37	0.00	0.37	28.80	0.00	0.00	0.00
23.20	0.37	0.00	0.37	28.90	0.00	0.00	0.00
23.30	0.36	0.00	0.36	29.00	0.00	0.00	0.00
23.40	0.36	0.00	0.36	29.10	0.00	0.00	0.00
23.50	0.36	0.00	0.36	29.20	0.00	0.00	0.00
23.60	0.35	0.00	0.35	29.30	0.00	0.00	0.00
23.70	0.35	0.00	0.35	29.40	0.00	0.00	0.00
23.80	0.35	0.00	0.35	29.50	0.00	0.00	0.00
23.90	0.34	0.00	0.34	29.60	0.00	0.00	0.00
24.00	0.34	0.00	0.34	29.70	0.00	0.00	0.00
24.10	0.28	0.00	0.28	29.80	0.00	0.00	0.00
24.20	0.16	0.00	0.16	29.90	0.00	0.00	0.00
24.30	0.09	0.00	0.09	30.00	0.00	0.00	0.00
24.40	0.05	0.00	0.05	30.10	0.00	0.00	0.00
24.50	0.02	0.00	0.02	30.20	0.00	0.00	0.00
24.60	0.01	0.00	0.01	30.30	0.00	0.00	0.00
24.70	0.01	0.00	0.01	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

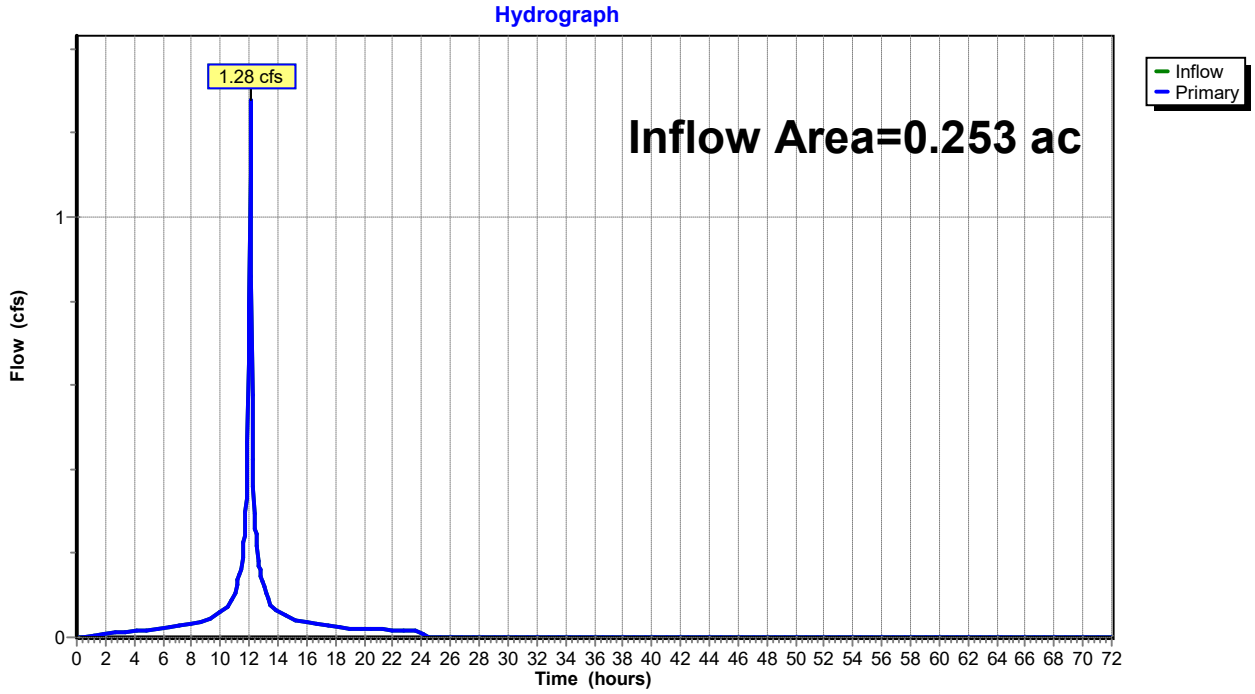
Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Link 5L: POA-2


Hydrograph
1.28 cfs
Inflow Area=0.253 ac
Inflow
Primary
Flow (cfs)
1
0
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72
Time (hours)

Hydrograph for Link 5L: POA-2

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.02	0.00	0.02
0.10	0.00	0.00	0.00	5.80	0.02	0.00	0.02
0.20	0.00	0.00	0.00	5.90	0.02	0.00	0.02
0.30	0.00	0.00	0.00	6.00	0.02	0.00	0.02
0.40	0.00	0.00	0.00	6.10	0.02	0.00	0.02
0.50	0.00	0.00	0.00	6.20	0.02	0.00	0.02
0.60	0.00	0.00	0.00	6.30	0.02	0.00	0.02
0.70	0.00	0.00	0.00	6.40	0.02	0.00	0.02
0.80	0.00	0.00	0.00	6.50	0.02	0.00	0.02
0.90	0.00	0.00	0.00	6.60	0.02	0.00	0.02
1.00	0.00	0.00	0.00	6.70	0.02	0.00	0.02
1.10	0.00	0.00	0.00	6.80	0.03	0.00	0.03
1.20	0.00	0.00	0.00	6.90	0.03	0.00	0.03
1.30	0.00	0.00	0.00	7.00	0.03	0.00	0.03
1.40	0.00	0.00	0.00	7.10	0.03	0.00	0.03
1.50	0.01	0.00	0.01	7.20	0.03	0.00	0.03
1.60	0.01	0.00	0.01	7.30	0.03	0.00	0.03
1.70	0.01	0.00	0.01	7.40	0.03	0.00	0.03
1.80	0.01	0.00	0.01	7.50	0.03	0.00	0.03
1.90	0.01	0.00	0.01	7.60	0.03	0.00	0.03
2.00	0.01	0.00	0.01	7.70	0.03	0.00	0.03
2.10	0.01	0.00	0.01	7.80	0.03	0.00	0.03
2.20	0.01	0.00	0.01	7.90	0.03	0.00	0.03
2.30	0.01	0.00	0.01	8.00	0.03	0.00	0.03
2.40	0.01	0.00	0.01	8.10	0.03	0.00	0.03
2.50	0.01	0.00	0.01	8.20	0.03	0.00	0.03
2.60	0.01	0.00	0.01	8.30	0.03	0.00	0.03
2.70	0.01	0.00	0.01	8.40	0.03	0.00	0.03
2.80	0.01	0.00	0.01	8.50	0.04	0.00	0.04
2.90	0.01	0.00	0.01	8.60	0.04	0.00	0.04
3.00	0.01	0.00	0.01	8.70	0.04	0.00	0.04
3.10	0.01	0.00	0.01	8.80	0.04	0.00	0.04
3.20	0.01	0.00	0.01	8.90	0.04	0.00	0.04
3.30	0.01	0.00	0.01	9.00	0.04	0.00	0.04
3.40	0.01	0.00	0.01	9.10	0.04	0.00	0.04
3.50	0.01	0.00	0.01	9.20	0.04	0.00	0.04
3.60	0.01	0.00	0.01	9.30	0.04	0.00	0.04
3.70	0.01	0.00	0.01	9.40	0.05	0.00	0.05
3.80	0.01	0.00	0.01	9.50	0.05	0.00	0.05
3.90	0.02	0.00	0.02	9.60	0.05	0.00	0.05
4.00	0.02	0.00	0.02	9.70	0.05	0.00	0.05
4.10	0.02	0.00	0.02	9.80	0.05	0.00	0.05
4.20	0.02	0.00	0.02	9.90	0.06	0.00	0.06
4.30	0.02	0.00	0.02	10.00	0.06	0.00	0.06
4.40	0.02	0.00	0.02	10.10	0.06	0.00	0.06
4.50	0.02	0.00	0.02	10.20	0.06	0.00	0.06
4.60	0.02	0.00	0.02	10.30	0.07	0.00	0.07
4.70	0.02	0.00	0.02	10.40	0.07	0.00	0.07
4.80	0.02	0.00	0.02	10.50	0.07	0.00	0.07
4.90	0.02	0.00	0.02	10.60	0.08	0.00	0.08
5.00	0.02	0.00	0.02	10.70	0.08	0.00	0.08
5.10	0.02	0.00	0.02	10.80	0.09	0.00	0.09
5.20	0.02	0.00	0.02	10.90	0.10	0.00	0.10
5.30	0.02	0.00	0.02	11.00	0.11	0.00	0.11
5.40	0.02	0.00	0.02	11.10	0.12	0.00	0.12
5.50	0.02	0.00	0.02	11.20	0.13	0.00	0.13
5.60	0.02	0.00	0.02	11.30	0.15	0.00	0.15

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	0.16	0.00	0.16	17.10	0.03	0.00	0.03
11.50	0.17	0.00	0.17	17.20	0.03	0.00	0.03
11.60	0.23	0.00	0.23	17.30	0.03	0.00	0.03
11.70	0.25	0.00	0.25	17.40	0.03	0.00	0.03
11.80	0.33	0.00	0.33	17.50	0.03	0.00	0.03
11.90	0.46	0.00	0.46	17.60	0.03	0.00	0.03
12.00	0.79	0.00	0.79	17.70	0.03	0.00	0.03
12.10	**1.26**	0.00	**1.26**	17.80	0.02	0.00	0.02
12.20	0.58	0.00	0.58	17.90	0.02	0.00	0.02
12.30	0.36	0.00	0.36	18.00	0.02	0.00	0.02
12.40	0.26	0.00	0.26	18.10	0.02	0.00	0.02
12.50	0.24	0.00	0.24	18.20	0.02	0.00	0.02
12.60	0.18	0.00	0.18	18.30	0.02	0.00	0.02
12.70	0.16	0.00	0.16	18.40	0.02	0.00	0.02
12.80	0.15	0.00	0.15	18.50	0.02	0.00	0.02
12.90	0.14	0.00	0.14	18.60	0.02	0.00	0.02
13.00	0.12	0.00	0.12	18.70	0.02	0.00	0.02
13.10	0.11	0.00	0.11	18.80	0.02	0.00	0.02
13.20	0.10	0.00	0.10	18.90	0.02	0.00	0.02
13.30	0.09	0.00	0.09	19.00	0.02	0.00	0.02
13.40	0.09	0.00	0.09	19.10	0.02	0.00	0.02
13.50	0.08	0.00	0.08	19.20	0.02	0.00	0.02
13.60	0.07	0.00	0.07	19.30	0.02	0.00	0.02
13.70	0.07	0.00	0.07	19.40	0.02	0.00	0.02
13.80	0.07	0.00	0.07	19.50	0.02	0.00	0.02
13.90	0.07	0.00	0.07	19.60	0.02	0.00	0.02
14.00	0.06	0.00	0.06	19.70	0.02	0.00	0.02
14.10	0.06	0.00	0.06	19.80	0.02	0.00	0.02
14.20	0.06	0.00	0.06	19.90	0.02	0.00	0.02
14.30	0.06	0.00	0.06	20.00	0.02	0.00	0.02
14.40	0.05	0.00	0.05	20.10	0.02	0.00	0.02
14.50	0.05	0.00	0.05	20.20	0.02	0.00	0.02
14.60	0.05	0.00	0.05	20.30	0.02	0.00	0.02
14.70	0.05	0.00	0.05	20.40	0.02	0.00	0.02
14.80	0.05	0.00	0.05	20.50	0.02	0.00	0.02
14.90	0.04	0.00	0.04	20.60	0.02	0.00	0.02
15.00	0.04	0.00	0.04	20.70	0.02	0.00	0.02
15.10	0.04	0.00	0.04	20.80	0.02	0.00	0.02
15.20	0.04	0.00	0.04	20.90	0.02	0.00	0.02
15.30	0.04	0.00	0.04	21.00	0.02	0.00	0.02
15.40	0.04	0.00	0.04	21.10	0.02	0.00	0.02
15.50	0.04	0.00	0.04	21.20	0.02	0.00	0.02
15.60	0.04	0.00	0.04	21.30	0.02	0.00	0.02
15.70	0.04	0.00	0.04	21.40	0.02	0.00	0.02
15.80	0.04	0.00	0.04	21.50	0.02	0.00	0.02
15.90	0.04	0.00	0.04	21.60	0.02	0.00	0.02
16.00	0.04	0.00	0.04	21.70	0.02	0.00	0.02
16.10	0.03	0.00	0.03	21.80	0.02	0.00	0.02
16.20	0.03	0.00	0.03	21.90	0.02	0.00	0.02
16.30	0.03	0.00	0.03	22.00	0.02	0.00	0.02
16.40	0.03	0.00	0.03	22.10	0.02	0.00	0.02
16.50	0.03	0.00	0.03	22.20	0.02	0.00	0.02
16.60	0.03	0.00	0.03	22.30	0.02	0.00	0.02
16.70	0.03	0.00	0.03	22.40	0.02	0.00	0.02
16.80	0.03	0.00	0.03	22.50	0.02	0.00	0.02
16.90	0.03	0.00	0.03	22.60	0.02	0.00	0.02
17.00	0.03	0.00	0.03	22.70	0.02	0.00	0.02

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.02	0.00	0.02	28.50	0.00	0.00	0.00
22.90	0.02	0.00	0.02	28.60	0.00	0.00	0.00
23.00	0.02	0.00	0.02	28.70	0.00	0.00	0.00
23.10	0.02	0.00	0.02	28.80	0.00	0.00	0.00
23.20	0.02	0.00	0.02	28.90	0.00	0.00	0.00
23.30	0.02	0.00	0.02	29.00	0.00	0.00	0.00
23.40	0.02	0.00	0.02	29.10	0.00	0.00	0.00
23.50	0.02	0.00	0.02	29.20	0.00	0.00	0.00
23.60	0.01	0.00	0.01	29.30	0.00	0.00	0.00
23.70	0.01	0.00	0.01	29.40	0.00	0.00	0.00
23.80	0.01	0.00	0.01	29.50	0.00	0.00	0.00
23.90	0.01	0.00	0.01	29.60	0.00	0.00	0.00
24.00	0.01	0.00	0.01	29.70	0.00	0.00	0.00
24.10	0.00	0.00	0.00	29.80	0.00	0.00	0.00
24.20	0.00	0.00	0.00	29.90	0.00	0.00	0.00
24.30	0.00	0.00	0.00	30.00	0.00	0.00	0.00
24.40	0.00	0.00	0.00	30.10	0.00	0.00	0.00
24.50	0.00	0.00	0.00	30.20	0.00	0.00	0.00
24.60	0.00	0.00	0.00	30.30	0.00	0.00	0.00
24.70	0.00	0.00	0.00	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

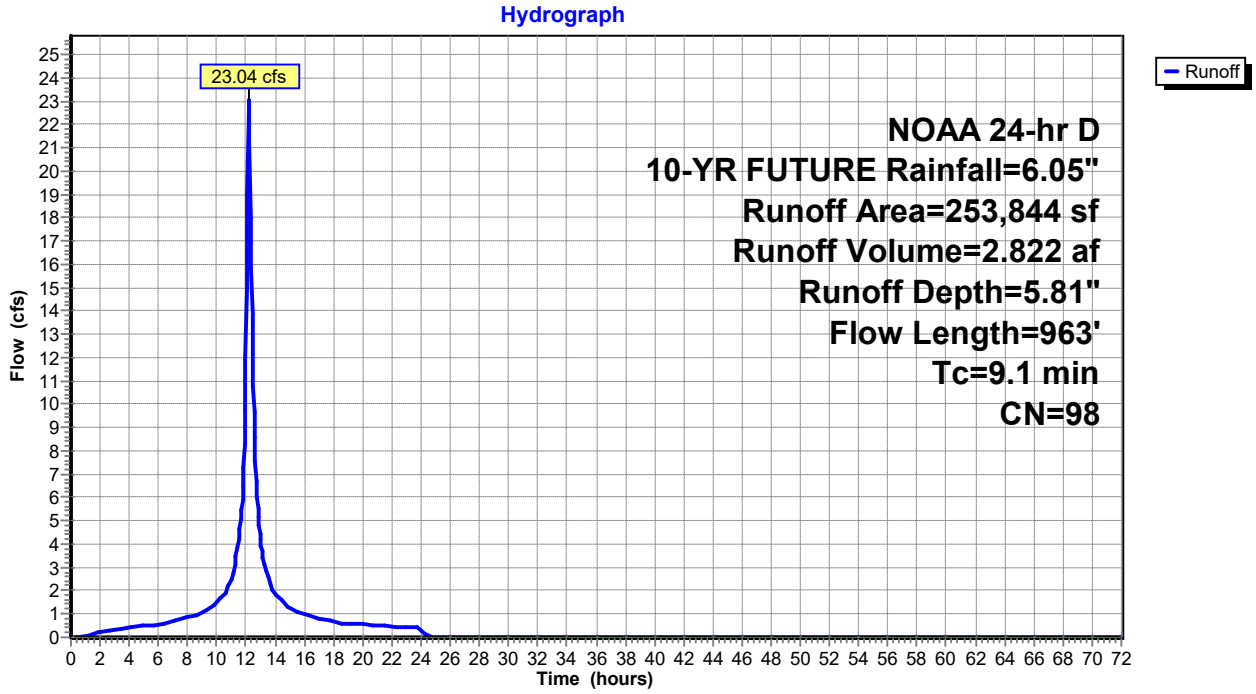
Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Subcatchment 1S: EDA 1-Impervious



Hydrograph for Subcatchment 1S: EDA 1-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.48	0.30	0.54
0.10	0.01	0.00	0.00	5.80	0.50	0.31	0.54
0.20	0.01	0.00	0.00	5.90	0.51	0.32	0.55
0.30	0.02	0.00	0.00	6.00	0.52	0.33	0.56
0.40	0.03	0.00	0.00	6.10	0.53	0.34	0.56
0.50	0.03	0.00	0.00	6.20	0.54	0.35	0.57
0.60	0.04	0.00	0.00	6.30	0.55	0.36	0.59
0.70	0.05	0.00	0.00	6.40	0.56	0.37	0.60
0.80	0.05	0.00	0.01	6.50	0.57	0.39	0.62
0.90	0.06	0.00	0.03	6.60	0.59	0.40	0.63
1.00	0.07	0.00	0.05	6.70	0.60	0.41	0.65
1.10	0.08	0.01	0.07	6.80	0.61	0.42	0.67
1.20	0.08	0.01	0.09	6.90	0.62	0.43	0.68
1.30	0.09	0.01	0.11	7.00	0.64	0.44	0.70
1.40	0.10	0.01	0.13	7.10	0.65	0.46	0.72
1.50	0.11	0.02	0.15	7.20	0.66	0.47	0.73
1.60	0.11	0.02	0.17	7.30	0.68	0.48	0.75
1.70	0.12	0.02	0.18	7.40	0.69	0.50	0.77
1.80	0.13	0.03	0.20	7.50	0.71	0.51	0.78
1.90	0.14	0.03	0.22	7.60	0.72	0.52	0.80
2.00	0.15	0.04	0.23	7.70	0.74	0.54	0.81
2.10	0.15	0.04	0.24	7.80	0.75	0.55	0.83
2.20	0.16	0.04	0.26	7.90	0.77	0.57	0.85
2.30	0.17	0.05	0.27	8.00	0.79	0.58	0.86
2.40	0.18	0.05	0.28	8.10	0.80	0.60	0.88
2.50	0.19	0.06	0.29	8.20	0.82	0.62	0.90
2.60	0.19	0.07	0.30	8.30	0.83	0.63	0.91
2.70	0.20	0.07	0.32	8.40	0.85	0.65	0.93
2.80	0.21	0.08	0.33	8.50	0.87	0.66	0.95
2.90	0.22	0.08	0.34	8.60	0.89	0.68	0.96
3.00	0.23	0.09	0.35	8.70	0.90	0.70	0.98
3.10	0.24	0.10	0.36	8.80	0.92	0.72	1.00
3.20	0.25	0.10	0.36	8.90	0.94	0.73	1.01
3.30	0.25	0.11	0.37	9.00	0.96	0.75	1.03
3.40	0.26	0.12	0.38	9.10	0.98	0.77	1.05
3.50	0.27	0.12	0.39	9.20	1.00	0.79	1.09
3.60	0.28	0.13	0.40	9.30	1.02	0.81	1.14
3.70	0.29	0.14	0.41	9.40	1.04	0.83	1.19
3.80	0.30	0.14	0.42	9.50	1.07	0.86	1.24
3.90	0.31	0.15	0.42	9.60	1.09	0.88	1.30
4.00	0.32	0.16	0.43	9.70	1.12	0.91	1.35
4.10	0.33	0.17	0.44	9.80	1.14	0.93	1.41
4.20	0.34	0.17	0.44	9.90	1.17	0.96	1.46
4.30	0.35	0.18	0.45	10.00	1.20	0.99	1.52
4.40	0.36	0.19	0.46	10.10	1.23	1.01	1.58
4.50	0.36	0.20	0.47	10.20	1.26	1.04	1.63
4.60	0.37	0.21	0.47	10.30	1.29	1.07	1.69
4.70	0.38	0.22	0.48	10.40	1.32	1.11	1.75
4.80	0.39	0.22	0.48	10.50	1.35	1.14	1.80
4.90	0.40	0.23	0.49	10.60	1.39	1.17	1.88
5.00	0.41	0.24	0.50	10.70	1.43	1.21	2.02
5.10	0.42	0.25	0.50	10.80	1.48	1.26	2.18
5.20	0.43	0.26	0.51	10.90	1.52	1.30	2.37
5.30	0.44	0.27	0.52	11.00	1.57	1.35	2.56
5.40	0.45	0.28	0.52	11.10	1.63	1.41	2.79
5.50	0.46	0.29	0.53	11.20	1.69	1.47	3.07
5.60	0.47	0.29	0.53	11.30	1.76	1.54	3.39

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.84	1.61	3.73	17.10	5.43	5.19	0.81
11.50	1.92	1.69	4.08	17.20	5.44	5.20	0.79
11.60	2.03	1.80	4.66	17.30	5.45	5.21	0.78
11.70	2.14	1.92	5.47	17.40	5.46	5.23	0.76
11.80	2.30	2.07	6.47	17.50	5.48	5.24	0.75
11.90	2.52	2.29	8.31	17.60	5.49	5.25	0.73
12.00	2.90	2.67	11.92	17.70	5.50	5.26	0.71
12.10	3.53	3.30	**18.96**	17.80	5.51	5.27	0.70
12.20	3.75	3.52	**22.57**	17.90	5.52	5.29	0.68
12.30	3.91	3.67	17.97	18.00	5.53	5.30	0.67
12.40	4.02	3.79	13.85	18.10	5.54	5.31	0.65
12.50	4.13	3.90	10.77	18.20	5.55	5.32	0.64
12.60	4.21	3.98	8.55	18.30	5.57	5.33	0.63
12.70	4.29	4.05	6.72	18.40	5.58	5.34	0.62
12.80	4.36	4.12	5.54	18.50	5.59	5.35	0.61
12.90	4.42	4.18	4.77	18.60	5.60	5.36	0.61
13.00	4.48	4.24	4.19	18.70	5.61	5.37	0.61
13.10	4.53	4.29	3.69	18.80	5.62	5.38	0.60
13.20	4.57	4.34	3.32	18.90	5.63	5.39	0.60
13.30	4.62	4.38	3.02	19.00	5.64	5.40	0.59
13.40	4.66	4.42	2.77	19.10	5.65	5.41	0.59
13.50	4.70	4.46	2.54	19.20	5.66	5.42	0.59
13.60	4.73	4.49	2.32	19.30	5.67	5.43	0.58
13.70	4.76	4.52	2.14	19.40	5.68	5.44	0.58
13.80	4.79	4.55	2.01	19.50	5.69	5.45	0.57
13.90	4.82	4.58	1.91	19.60	5.69	5.46	0.57
14.00	4.85	4.61	1.84	19.70	5.70	5.47	0.57
14.10	4.88	4.64	1.77	19.80	5.71	5.48	0.56
14.20	4.91	4.67	1.71	19.90	5.72	5.49	0.56
14.30	4.93	4.70	1.65	20.00	5.73	5.49	0.55
14.40	4.96	4.72	1.59	20.10	5.74	5.50	0.55
14.50	4.98	4.75	1.54	20.20	5.75	5.51	0.55
14.60	5.01	4.77	1.48	20.30	5.76	5.52	0.54
14.70	5.03	4.79	1.42	20.40	5.77	5.53	0.54
14.80	5.05	4.81	1.37	20.50	5.78	5.54	0.53
14.90	5.07	4.83	1.31	20.60	5.79	5.55	0.53
15.00	5.09	4.85	1.26	20.70	5.80	5.56	0.53
15.10	5.11	4.87	1.20	20.80	5.80	5.57	0.52
15.20	5.13	4.89	1.15	20.90	5.81	5.58	0.52
15.30	5.15	4.91	1.11	21.00	5.82	5.58	0.51
15.40	5.16	4.93	1.09	21.10	5.83	5.59	0.51
15.50	5.18	4.94	1.07	21.20	5.84	5.60	0.51
15.60	5.20	4.96	1.05	21.30	5.85	5.61	0.50
15.70	5.22	4.98	1.03	21.40	5.86	5.62	0.50
15.80	5.23	4.99	1.02	21.50	5.86	5.63	0.49
15.90	5.25	5.01	1.00	21.60	5.87	5.63	0.49
16.00	5.26	5.03	0.98	21.70	5.88	5.64	0.49
16.10	5.28	5.04	0.97	21.80	5.89	5.65	0.48
16.20	5.30	5.06	0.95	21.90	5.90	5.66	0.48
16.30	5.31	5.07	0.94	22.00	5.90	5.67	0.48
16.40	5.33	5.09	0.92	22.10	5.91	5.67	0.47
16.50	5.34	5.10	0.90	22.20	5.92	5.68	0.47
16.60	5.36	5.12	0.89	22.30	5.93	5.69	0.46
16.70	5.37	5.13	0.87	22.40	5.94	5.70	0.46
16.80	5.39	5.15	0.86	22.50	5.94	5.71	0.45
16.90	5.40	5.16	0.84	22.60	5.95	5.71	0.45
17.00	5.41	5.18	0.83	22.70	5.96	5.72	0.45

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	5.97	5.73	0.44	28.50	6.05	5.81	0.00
22.90	5.97	5.74	0.44	28.60	6.05	5.81	0.00
23.00	5.98	5.74	0.44	28.70	6.05	5.81	0.00
23.10	5.99	5.75	0.43	28.80	6.05	5.81	0.00
23.20	6.00	5.76	0.43	28.90	6.05	5.81	0.00
23.30	6.00	5.76	0.42	29.00	6.05	5.81	0.00
23.40	6.01	5.77	0.42	29.10	6.05	5.81	0.00
23.50	6.02	5.78	0.42	29.20	6.05	5.81	0.00
23.60	6.02	5.78	0.41	29.30	6.05	5.81	0.00
23.70	6.03	5.79	0.41	29.40	6.05	5.81	0.00
23.80	6.04	5.80	0.40	29.50	6.05	5.81	0.00
23.90	6.04	5.81	0.40	29.60	6.05	5.81	0.00
24.00	**6.05**	**5.81**	0.40	29.70	6.05	5.81	0.00
24.10	6.05	5.81	0.33	29.80	6.05	5.81	0.00
24.20	6.05	5.81	0.19	29.90	6.05	5.81	0.00
24.30	6.05	5.81	0.10	30.00	6.05	5.81	0.00
24.40	6.05	5.81	0.06	30.10	6.05	5.81	0.00
24.50	6.05	5.81	0.03	30.20	6.05	5.81	0.00
24.60	6.05	5.81	0.01	30.30	6.05	5.81	0.00
24.70	6.05	5.81	0.01	30.40	6.05	5.81	0.00
24.80	6.05	5.81	0.00	30.50	6.05	5.81	0.00
24.90	6.05	5.81	0.00	30.60	6.05	5.81	0.00
25.00	6.05	5.81	0.00	30.70	6.05	5.81	0.00
25.10	6.05	5.81	0.00	30.80	6.05	5.81	0.00
25.20	6.05	5.81	0.00	30.90	6.05	5.81	0.00
25.30	6.05	5.81	0.00	31.00	6.05	5.81	0.00
25.40	6.05	5.81	0.00	31.10	6.05	5.81	0.00
25.50	6.05	5.81	0.00	31.20	6.05	5.81	0.00
25.60	6.05	5.81	0.00	31.30	6.05	5.81	0.00
25.70	6.05	5.81	0.00	31.40	6.05	5.81	0.00
25.80	6.05	5.81	0.00	31.50	6.05	5.81	0.00
25.90	6.05	5.81	0.00	31.60	6.05	5.81	0.00
26.00	6.05	5.81	0.00	31.70	6.05	5.81	0.00
26.10	6.05	5.81	0.00	31.80	6.05	5.81	0.00
26.20	6.05	5.81	0.00	31.90	6.05	5.81	0.00
26.30	6.05	5.81	0.00	32.00	6.05	5.81	0.00
26.40	6.05	5.81	0.00	32.10	6.05	5.81	0.00
26.50	6.05	5.81	0.00	32.20	6.05	5.81	0.00
26.60	6.05	5.81	0.00	32.30	6.05	5.81	0.00
26.70	6.05	5.81	0.00	32.40	6.05	5.81	0.00
26.80	6.05	5.81	0.00	32.50	6.05	5.81	0.00
26.90	6.05	5.81	0.00	32.60	6.05	5.81	0.00
27.00	6.05	5.81	0.00	32.70	6.05	5.81	0.00
27.10	6.05	5.81	0.00	32.80	6.05	5.81	0.00
27.20	6.05	5.81	0.00	32.90	6.05	5.81	0.00
27.30	6.05	5.81	0.00	33.00	6.05	5.81	0.00
27.40	6.05	5.81	0.00	33.10	6.05	5.81	0.00
27.50	6.05	5.81	0.00	33.20	6.05	5.81	0.00
27.60	6.05	5.81	0.00	33.30	6.05	5.81	0.00
27.70	6.05	5.81	0.00	33.40	6.05	5.81	0.00
27.80	6.05	5.81	0.00	33.50	6.05	5.81	0.00
27.90	6.05	5.81	0.00	33.60	6.05	5.81	0.00
28.00	6.05	5.81	0.00	33.70	6.05	5.81	0.00
28.10	6.05	5.81	0.00	33.80	6.05	5.81	0.00
28.20	6.05	5.81	0.00	33.90	6.05	5.81	0.00
28.30	6.05	5.81	0.00	34.00	6.05	5.81	0.00
28.40	6.05	5.81	0.00	34.10	6.05	5.81	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	6.05	5.81	0.00	39.90	6.05	5.81	0.00
34.30	6.05	5.81	0.00	40.00	6.05	5.81	0.00
34.40	6.05	5.81	0.00	40.10	6.05	5.81	0.00
34.50	6.05	5.81	0.00	40.20	6.05	5.81	0.00
34.60	6.05	5.81	0.00	40.30	6.05	5.81	0.00
34.70	6.05	5.81	0.00	40.40	6.05	5.81	0.00
34.80	6.05	5.81	0.00	40.50	6.05	5.81	0.00
34.90	6.05	5.81	0.00	40.60	6.05	5.81	0.00
35.00	6.05	5.81	0.00	40.70	6.05	5.81	0.00
35.10	6.05	5.81	0.00	40.80	6.05	5.81	0.00
35.20	6.05	5.81	0.00	40.90	6.05	5.81	0.00
35.30	6.05	5.81	0.00	41.00	6.05	5.81	0.00
35.40	6.05	5.81	0.00	41.10	6.05	5.81	0.00
35.50	6.05	5.81	0.00	41.20	6.05	5.81	0.00
35.60	6.05	5.81	0.00	41.30	6.05	5.81	0.00
35.70	6.05	5.81	0.00	41.40	6.05	5.81	0.00
35.80	6.05	5.81	0.00	41.50	6.05	5.81	0.00
35.90	6.05	5.81	0.00	41.60	6.05	5.81	0.00
36.00	6.05	5.81	0.00	41.70	6.05	5.81	0.00
36.10	6.05	5.81	0.00	41.80	6.05	5.81	0.00
36.20	6.05	5.81	0.00	41.90	6.05	5.81	0.00
36.30	6.05	5.81	0.00	42.00	6.05	5.81	0.00
36.40	6.05	5.81	0.00	42.10	6.05	5.81	0.00
36.50	6.05	5.81	0.00	42.20	6.05	5.81	0.00
36.60	6.05	5.81	0.00	42.30	6.05	5.81	0.00
36.70	6.05	5.81	0.00	42.40	6.05	5.81	0.00
36.80	6.05	5.81	0.00	42.50	6.05	5.81	0.00
36.90	6.05	5.81	0.00	42.60	6.05	5.81	0.00
37.00	6.05	5.81	0.00	42.70	6.05	5.81	0.00
37.10	6.05	5.81	0.00	42.80	6.05	5.81	0.00
37.20	6.05	5.81	0.00	42.90	6.05	5.81	0.00
37.30	6.05	5.81	0.00	43.00	6.05	5.81	0.00
37.40	6.05	5.81	0.00	43.10	6.05	5.81	0.00
37.50	6.05	5.81	0.00	43.20	6.05	5.81	0.00
37.60	6.05	5.81	0.00	43.30	6.05	5.81	0.00
37.70	6.05	5.81	0.00	43.40	6.05	5.81	0.00
37.80	6.05	5.81	0.00	43.50	6.05	5.81	0.00
37.90	6.05	5.81	0.00	43.60	6.05	5.81	0.00
38.00	6.05	5.81	0.00	43.70	6.05	5.81	0.00
38.10	6.05	5.81	0.00	43.80	6.05	5.81	0.00
38.20	6.05	5.81	0.00	43.90	6.05	5.81	0.00
38.30	6.05	5.81	0.00	44.00	6.05	5.81	0.00
38.40	6.05	5.81	0.00	44.10	6.05	5.81	0.00
38.50	6.05	5.81	0.00	44.20	6.05	5.81	0.00
38.60	6.05	5.81	0.00	44.30	6.05	5.81	0.00
38.70	6.05	5.81	0.00	44.40	6.05	5.81	0.00
38.80	6.05	5.81	0.00	44.50	6.05	5.81	0.00
38.90	6.05	5.81	0.00	44.60	6.05	5.81	0.00
39.00	6.05	5.81	0.00	44.70	6.05	5.81	0.00
39.10	6.05	5.81	0.00	44.80	6.05	5.81	0.00
39.20	6.05	5.81	0.00	44.90	6.05	5.81	0.00
39.30	6.05	5.81	0.00	45.00	6.05	5.81	0.00
39.40	6.05	5.81	0.00	45.10	6.05	5.81	0.00
39.50	6.05	5.81	0.00	45.20	6.05	5.81	0.00
39.60	6.05	5.81	0.00	45.30	6.05	5.81	0.00
39.70	6.05	5.81	0.00	45.40	6.05	5.81	0.00
39.80	6.05	5.81	0.00	45.50	6.05	5.81	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	6.05	5.81	0.00	51.30	6.05	5.81	0.00
45.70	6.05	5.81	0.00	51.40	6.05	5.81	0.00
45.80	6.05	5.81	0.00	51.50	6.05	5.81	0.00
45.90	6.05	5.81	0.00	51.60	6.05	5.81	0.00
46.00	6.05	5.81	0.00	51.70	6.05	5.81	0.00
46.10	6.05	5.81	0.00	51.80	6.05	5.81	0.00
46.20	6.05	5.81	0.00	51.90	6.05	5.81	0.00
46.30	6.05	5.81	0.00	52.00	6.05	5.81	0.00
46.40	6.05	5.81	0.00	52.10	6.05	5.81	0.00
46.50	6.05	5.81	0.00	52.20	6.05	5.81	0.00
46.60	6.05	5.81	0.00	52.30	6.05	5.81	0.00
46.70	6.05	5.81	0.00	52.40	6.05	5.81	0.00
46.80	6.05	5.81	0.00	52.50	6.05	5.81	0.00
46.90	6.05	5.81	0.00	52.60	6.05	5.81	0.00
47.00	6.05	5.81	0.00	52.70	6.05	5.81	0.00
47.10	6.05	5.81	0.00	52.80	6.05	5.81	0.00
47.20	6.05	5.81	0.00	52.90	6.05	5.81	0.00
47.30	6.05	5.81	0.00	53.00	6.05	5.81	0.00
47.40	6.05	5.81	0.00	53.10	6.05	5.81	0.00
47.50	6.05	5.81	0.00	53.20	6.05	5.81	0.00
47.60	6.05	5.81	0.00	53.30	6.05	5.81	0.00
47.70	6.05	5.81	0.00	53.40	6.05	5.81	0.00
47.80	6.05	5.81	0.00	53.50	6.05	5.81	0.00
47.90	6.05	5.81	0.00	53.60	6.05	5.81	0.00
48.00	6.05	5.81	0.00	53.70	6.05	5.81	0.00
48.10	6.05	5.81	0.00	53.80	6.05	5.81	0.00
48.20	6.05	5.81	0.00	53.90	6.05	5.81	0.00
48.30	6.05	5.81	0.00	54.00	6.05	5.81	0.00
48.40	6.05	5.81	0.00	54.10	6.05	5.81	0.00
48.50	6.05	5.81	0.00	54.20	6.05	5.81	0.00
48.60	6.05	5.81	0.00	54.30	6.05	5.81	0.00
48.70	6.05	5.81	0.00	54.40	6.05	5.81	0.00
48.80	6.05	5.81	0.00	54.50	6.05	5.81	0.00
48.90	6.05	5.81	0.00	54.60	6.05	5.81	0.00
49.00	6.05	5.81	0.00	54.70	6.05	5.81	0.00
49.10	6.05	5.81	0.00	54.80	6.05	5.81	0.00
49.20	6.05	5.81	0.00	54.90	6.05	5.81	0.00
49.30	6.05	5.81	0.00	55.00	6.05	5.81	0.00
49.40	6.05	5.81	0.00	55.10	6.05	5.81	0.00
49.50	6.05	5.81	0.00	55.20	6.05	5.81	0.00
49.60	6.05	5.81	0.00	55.30	6.05	5.81	0.00
49.70	6.05	5.81	0.00	55.40	6.05	5.81	0.00
49.80	6.05	5.81	0.00	55.50	6.05	5.81	0.00
49.90	6.05	5.81	0.00	55.60	6.05	5.81	0.00
50.00	6.05	5.81	0.00	55.70	6.05	5.81	0.00
50.10	6.05	5.81	0.00	55.80	6.05	5.81	0.00
50.20	6.05	5.81	0.00	55.90	6.05	5.81	0.00
50.30	6.05	5.81	0.00	56.00	6.05	5.81	0.00
50.40	6.05	5.81	0.00	56.10	6.05	5.81	0.00
50.50	6.05	5.81	0.00	56.20	6.05	5.81	0.00
50.60	6.05	5.81	0.00	56.30	6.05	5.81	0.00
50.70	6.05	5.81	0.00	56.40	6.05	5.81	0.00
50.80	6.05	5.81	0.00	56.50	6.05	5.81	0.00
50.90	6.05	5.81	0.00	56.60	6.05	5.81	0.00
51.00	6.05	5.81	0.00	56.70	6.05	5.81	0.00
51.10	6.05	5.81	0.00	56.80	6.05	5.81	0.00
51.20	6.05	5.81	0.00	56.90	6.05	5.81	0.00

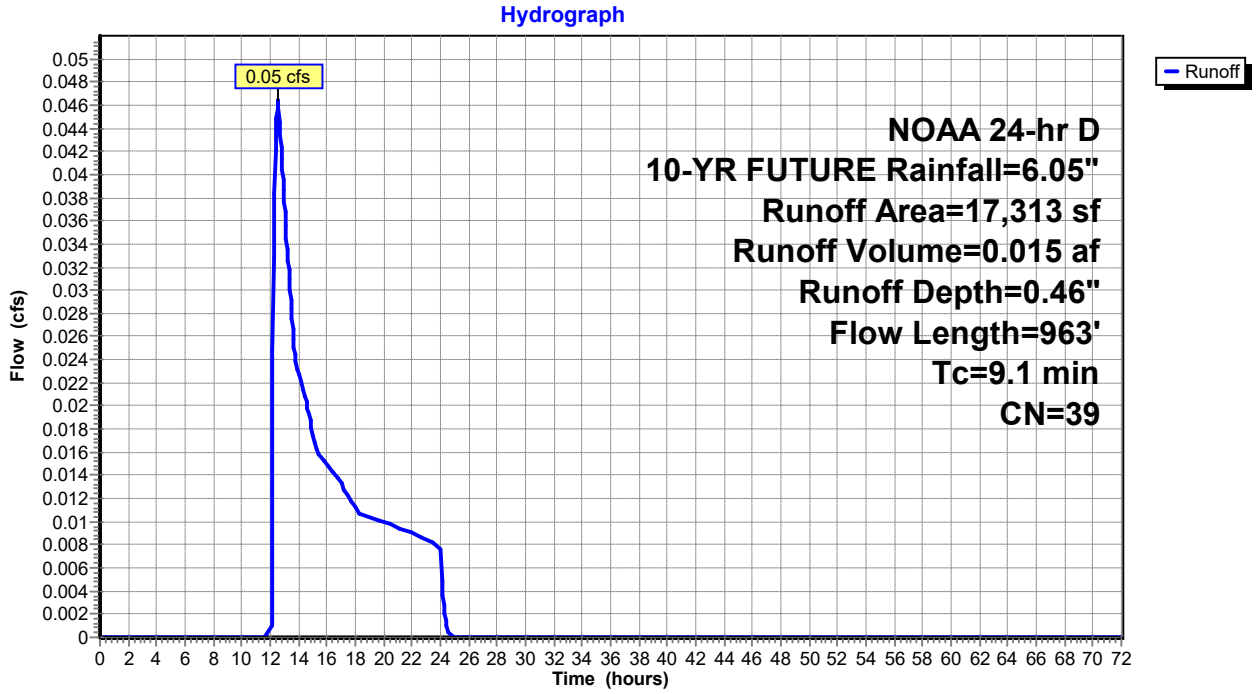
Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	6.05	5.81	0.00	62.70	6.05	5.81	0.00
57.10	6.05	5.81	0.00	62.80	6.05	5.81	0.00
57.20	6.05	5.81	0.00	62.90	6.05	5.81	0.00
57.30	6.05	5.81	0.00	63.00	6.05	5.81	0.00
57.40	6.05	5.81	0.00	63.10	6.05	5.81	0.00
57.50	6.05	5.81	0.00	63.20	6.05	5.81	0.00
57.60	6.05	5.81	0.00	63.30	6.05	5.81	0.00
57.70	6.05	5.81	0.00	63.40	6.05	5.81	0.00
57.80	6.05	5.81	0.00	63.50	6.05	5.81	0.00
57.90	6.05	5.81	0.00	63.60	6.05	5.81	0.00
58.00	6.05	5.81	0.00	63.70	6.05	5.81	0.00
58.10	6.05	5.81	0.00	63.80	6.05	5.81	0.00
58.20	6.05	5.81	0.00	63.90	6.05	5.81	0.00
58.30	6.05	5.81	0.00	64.00	6.05	5.81	0.00
58.40	6.05	5.81	0.00	64.10	6.05	5.81	0.00
58.50	6.05	5.81	0.00	64.20	6.05	5.81	0.00
58.60	6.05	5.81	0.00	64.30	6.05	5.81	0.00
58.70	6.05	5.81	0.00	64.40	6.05	5.81	0.00
58.80	6.05	5.81	0.00	64.50	6.05	5.81	0.00
58.90	6.05	5.81	0.00	64.60	6.05	5.81	0.00
59.00	6.05	5.81	0.00	64.70	6.05	5.81	0.00
59.10	6.05	5.81	0.00	64.80	6.05	5.81	0.00
59.20	6.05	5.81	0.00	64.90	6.05	5.81	0.00
59.30	6.05	5.81	0.00	65.00	6.05	5.81	0.00
59.40	6.05	5.81	0.00	65.10	6.05	5.81	0.00
59.50	6.05	5.81	0.00	65.20	6.05	5.81	0.00
59.60	6.05	5.81	0.00	65.30	6.05	5.81	0.00
59.70	6.05	5.81	0.00	65.40	6.05	5.81	0.00
59.80	6.05	5.81	0.00	65.50	6.05	5.81	0.00
59.90	6.05	5.81	0.00	65.60	6.05	5.81	0.00
60.00	6.05	5.81	0.00	65.70	6.05	5.81	0.00
60.10	6.05	5.81	0.00	65.80	6.05	5.81	0.00
60.20	6.05	5.81	0.00	65.90	6.05	5.81	0.00
60.30	6.05	5.81	0.00	66.00	6.05	5.81	0.00
60.40	6.05	5.81	0.00	66.10	6.05	5.81	0.00
60.50	6.05	5.81	0.00	66.20	6.05	5.81	0.00
60.60	6.05	5.81	0.00	66.30	6.05	5.81	0.00
60.70	6.05	5.81	0.00	66.40	6.05	5.81	0.00
60.80	6.05	5.81	0.00	66.50	6.05	5.81	0.00
60.90	6.05	5.81	0.00	66.60	6.05	5.81	0.00
61.00	6.05	5.81	0.00	66.70	6.05	5.81	0.00
61.10	6.05	5.81	0.00	66.80	6.05	5.81	0.00
61.20	6.05	5.81	0.00	66.90	6.05	5.81	0.00
61.30	6.05	5.81	0.00	67.00	6.05	5.81	0.00
61.40	6.05	5.81	0.00	67.10	6.05	5.81	0.00
61.50	6.05	5.81	0.00	67.20	6.05	5.81	0.00
61.60	6.05	5.81	0.00	67.30	6.05	5.81	0.00
61.70	6.05	5.81	0.00	67.40	6.05	5.81	0.00
61.80	6.05	5.81	0.00	67.50	6.05	5.81	0.00
61.90	6.05	5.81	0.00	67.60	6.05	5.81	0.00
62.00	6.05	5.81	0.00	67.70	6.05	5.81	0.00
62.10	6.05	5.81	0.00	67.80	6.05	5.81	0.00
62.20	6.05	5.81	0.00	67.90	6.05	5.81	0.00
62.30	6.05	5.81	0.00	68.00	6.05	5.81	0.00
62.40	6.05	5.81	0.00	68.10	6.05	5.81	0.00
62.50	6.05	5.81	0.00	68.20	6.05	5.81	0.00
62.60	6.05	5.81	0.00	68.30	6.05	5.81	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	6.05	5.81	0.00
68.50	6.05	5.81	0.00
68.60	6.05	5.81	0.00
68.70	6.05	5.81	0.00
68.80	6.05	5.81	0.00
68.90	6.05	5.81	0.00
69.00	6.05	5.81	0.00
69.10	6.05	5.81	0.00
69.20	6.05	5.81	0.00
69.30	6.05	5.81	0.00
69.40	6.05	5.81	0.00
69.50	6.05	5.81	0.00
69.60	6.05	5.81	0.00
69.70	6.05	5.81	0.00
69.80	6.05	5.81	0.00
69.90	6.05	5.81	0.00
70.00	6.05	5.81	0.00
70.10	6.05	5.81	0.00
70.20	6.05	5.81	0.00
70.30	6.05	5.81	0.00
70.40	6.05	5.81	0.00
70.50	6.05	5.81	0.00
70.60	6.05	5.81	0.00
70.70	6.05	5.81	0.00
70.80	6.05	5.81	0.00
70.90	6.05	5.81	0.00
71.00	6.05	5.81	0.00
71.10	6.05	5.81	0.00
71.20	6.05	5.81	0.00
71.30	6.05	5.81	0.00
71.40	6.05	5.81	0.00
71.50	6.05	5.81	0.00
71.60	6.05	5.81	0.00
71.70	6.05	5.81	0.00
71.80	6.05	5.81	0.00
71.90	6.05	5.81	0.00
72.00	6.05	5.81	0.00

Subcatchment 2S: EDA 1-Pervious



Hydrograph for Subcatchment 2S: EDA 1-Pervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.48	0.00	0.00
0.10	0.01	0.00	0.00	5.80	0.50	0.00	0.00
0.20	0.01	0.00	0.00	5.90	0.51	0.00	0.00
0.30	0.02	0.00	0.00	6.00	0.52	0.00	0.00
0.40	0.03	0.00	0.00	6.10	0.53	0.00	0.00
0.50	0.03	0.00	0.00	6.20	0.54	0.00	0.00
0.60	0.04	0.00	0.00	6.30	0.55	0.00	0.00
0.70	0.05	0.00	0.00	6.40	0.56	0.00	0.00
0.80	0.05	0.00	0.00	6.50	0.57	0.00	0.00
0.90	0.06	0.00	0.00	6.60	0.59	0.00	0.00
1.00	0.07	0.00	0.00	6.70	0.60	0.00	0.00
1.10	0.08	0.00	0.00	6.80	0.61	0.00	0.00
1.20	0.08	0.00	0.00	6.90	0.62	0.00	0.00
1.30	0.09	0.00	0.00	7.00	0.64	0.00	0.00
1.40	0.10	0.00	0.00	7.10	0.65	0.00	0.00
1.50	0.11	0.00	0.00	7.20	0.66	0.00	0.00
1.60	0.11	0.00	0.00	7.30	0.68	0.00	0.00
1.70	0.12	0.00	0.00	7.40	0.69	0.00	0.00
1.80	0.13	0.00	0.00	7.50	0.71	0.00	0.00
1.90	0.14	0.00	0.00	7.60	0.72	0.00	0.00
2.00	0.15	0.00	0.00	7.70	0.74	0.00	0.00
2.10	0.15	0.00	0.00	7.80	0.75	0.00	0.00
2.20	0.16	0.00	0.00	7.90	0.77	0.00	0.00
2.30	0.17	0.00	0.00	8.00	0.79	0.00	0.00
2.40	0.18	0.00	0.00	8.10	0.80	0.00	0.00
2.50	0.19	0.00	0.00	8.20	0.82	0.00	0.00
2.60	0.19	0.00	0.00	8.30	0.83	0.00	0.00
2.70	0.20	0.00	0.00	8.40	0.85	0.00	0.00
2.80	0.21	0.00	0.00	8.50	0.87	0.00	0.00
2.90	0.22	0.00	0.00	8.60	0.89	0.00	0.00
3.00	0.23	0.00	0.00	8.70	0.90	0.00	0.00
3.10	0.24	0.00	0.00	8.80	0.92	0.00	0.00
3.20	0.25	0.00	0.00	8.90	0.94	0.00	0.00
3.30	0.25	0.00	0.00	9.00	0.96	0.00	0.00
3.40	0.26	0.00	0.00	9.10	0.98	0.00	0.00
3.50	0.27	0.00	0.00	9.20	1.00	0.00	0.00
3.60	0.28	0.00	0.00	9.30	1.02	0.00	0.00
3.70	0.29	0.00	0.00	9.40	1.04	0.00	0.00
3.80	0.30	0.00	0.00	9.50	1.07	0.00	0.00
3.90	0.31	0.00	0.00	9.60	1.09	0.00	0.00
4.00	0.32	0.00	0.00	9.70	1.12	0.00	0.00
4.10	0.33	0.00	0.00	9.80	1.14	0.00	0.00
4.20	0.34	0.00	0.00	9.90	1.17	0.00	0.00
4.30	0.35	0.00	0.00	10.00	1.20	0.00	0.00
4.40	0.36	0.00	0.00	10.10	1.23	0.00	0.00
4.50	0.36	0.00	0.00	10.20	1.26	0.00	0.00
4.60	0.37	0.00	0.00	10.30	1.29	0.00	0.00
4.70	0.38	0.00	0.00	10.40	1.32	0.00	0.00
4.80	0.39	0.00	0.00	10.50	1.35	0.00	0.00
4.90	0.40	0.00	0.00	10.60	1.39	0.00	0.00
5.00	0.41	0.00	0.00	10.70	1.43	0.00	0.00
5.10	0.42	0.00	0.00	10.80	1.48	0.00	0.00
5.20	0.43	0.00	0.00	10.90	1.52	0.00	0.00
5.30	0.44	0.00	0.00	11.00	1.57	0.00	0.00
5.40	0.45	0.00	0.00	11.10	1.63	0.00	0.00
5.50	0.46	0.00	0.00	11.20	1.69	0.00	0.00
5.60	0.47	0.00	0.00	11.30	1.76	0.00	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.84	0.00	0.00	17.10	5.43	0.29	0.01
11.50	1.92	0.00	0.00	17.20	5.44	0.30	0.01
11.60	2.03	0.00	0.00	17.30	5.45	0.30	0.01
11.70	2.14	0.00	0.00	17.40	5.46	0.30	0.01
11.80	2.30	0.00	0.00	17.50	5.48	0.31	0.01
11.90	2.52	0.00	0.00	17.60	5.49	0.31	0.01
12.00	2.90	0.00	0.00	17.70	5.50	0.31	0.01
12.10	3.53	0.01	0.00	17.80	5.51	0.32	0.01
12.20	3.75	0.02	0.02	17.90	5.52	0.32	0.01
12.30	3.91	0.04	0.04	18.00	5.53	0.32	0.01
12.40	4.02	0.05	0.04	18.10	5.54	0.32	0.01
12.50	4.13	0.06	**0.05**	18.20	5.55	0.33	0.01
12.60	4.21	0.07	**0.05**	18.30	5.57	0.33	0.01
12.70	4.29	0.08	0.04	18.40	5.58	0.33	0.01
12.80	4.36	0.09	0.04	18.50	5.59	0.33	0.01
12.90	4.42	0.10	0.04	18.60	5.60	0.34	0.01
13.00	4.48	0.11	0.04	18.70	5.61	0.34	0.01
13.10	4.53	0.11	0.04	18.80	5.62	0.34	0.01
13.20	4.57	0.12	0.03	18.90	5.63	0.34	0.01
13.30	4.62	0.13	0.03	19.00	5.64	0.35	0.01
13.40	4.66	0.14	0.03	19.10	5.65	0.35	0.01
13.50	4.70	0.14	0.03	19.20	5.66	0.35	0.01
13.60	4.73	0.15	0.03	19.30	5.67	0.35	0.01
13.70	4.76	0.15	0.03	19.40	5.68	0.36	0.01
13.80	4.79	0.16	0.02	19.50	5.69	0.36	0.01
13.90	4.82	0.17	0.02	19.60	5.69	0.36	0.01
14.00	4.85	0.17	0.02	19.70	5.70	0.36	0.01
14.10	4.88	0.18	0.02	19.80	5.71	0.37	0.01
14.20	4.91	0.18	0.02	19.90	5.72	0.37	0.01
14.30	4.93	0.19	0.02	20.00	5.73	0.37	0.01
14.40	4.96	0.19	0.02	20.10	5.74	0.37	0.01
14.50	4.98	0.20	0.02	20.20	5.75	0.38	0.01
14.60	5.01	0.20	0.02	20.30	5.76	0.38	0.01
14.70	5.03	0.21	0.02	20.40	5.77	0.38	0.01
14.80	5.05	0.21	0.02	20.50	5.78	0.38	0.01
14.90	5.07	0.21	0.02	20.60	5.79	0.39	0.01
15.00	5.09	0.22	0.02	20.70	5.80	0.39	0.01
15.10	5.11	0.22	0.02	20.80	5.80	0.39	0.01
15.20	5.13	0.23	0.02	20.90	5.81	0.39	0.01
15.30	5.15	0.23	0.02	21.00	5.82	0.40	0.01
15.40	5.16	0.23	0.02	21.10	5.83	0.40	0.01
15.50	5.18	0.24	0.02	21.20	5.84	0.40	0.01
15.60	5.20	0.24	0.02	21.30	5.85	0.40	0.01
15.70	5.22	0.25	0.02	21.40	5.86	0.41	0.01
15.80	5.23	0.25	0.02	21.50	5.86	0.41	0.01
15.90	5.25	0.25	0.02	21.60	5.87	0.41	0.01
16.00	5.26	0.26	0.01	21.70	5.88	0.41	0.01
16.10	5.28	0.26	0.01	21.80	5.89	0.41	0.01
16.20	5.30	0.26	0.01	21.90	5.90	0.42	0.01
16.30	5.31	0.27	0.01	22.00	5.90	0.42	0.01
16.40	5.33	0.27	0.01	22.10	5.91	0.42	0.01
16.50	5.34	0.27	0.01	22.20	5.92	0.42	0.01
16.60	5.36	0.28	0.01	22.30	5.93	0.43	0.01
16.70	5.37	0.28	0.01	22.40	5.94	0.43	0.01
16.80	5.39	0.28	0.01	22.50	5.94	0.43	0.01
16.90	5.40	0.29	0.01	22.60	5.95	0.43	0.01
17.00	5.41	0.29	0.01	22.70	5.96	0.43	0.01

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	5.97	0.44	0.01	28.50	6.05	0.46	0.00
22.90	5.97	0.44	0.01	28.60	6.05	0.46	0.00
23.00	5.98	0.44	0.01	28.70	6.05	0.46	0.00
23.10	5.99	0.44	0.01	28.80	6.05	0.46	0.00
23.20	6.00	0.44	0.01	28.90	6.05	0.46	0.00
23.30	6.00	0.45	0.01	29.00	6.05	0.46	0.00
23.40	6.01	0.45	0.01	29.10	6.05	0.46	0.00
23.50	6.02	0.45	0.01	29.20	6.05	0.46	0.00
23.60	6.02	0.45	0.01	29.30	6.05	0.46	0.00
23.70	6.03	0.45	0.01	29.40	6.05	0.46	0.00
23.80	6.04	0.46	0.01	29.50	6.05	0.46	0.00
23.90	6.04	0.46	0.01	29.60	6.05	0.46	0.00
24.00	**6.05**	**0.46**	0.01	29.70	6.05	0.46	0.00
24.10	6.05	0.46	0.01	29.80	6.05	0.46	0.00
24.20	6.05	0.46	0.00	29.90	6.05	0.46	0.00
24.30	6.05	0.46	0.00	30.00	6.05	0.46	0.00
24.40	6.05	0.46	0.00	30.10	6.05	0.46	0.00
24.50	6.05	0.46	0.00	30.20	6.05	0.46	0.00
24.60	6.05	0.46	0.00	30.30	6.05	0.46	0.00
24.70	6.05	0.46	0.00	30.40	6.05	0.46	0.00
24.80	6.05	0.46	0.00	30.50	6.05	0.46	0.00
24.90	6.05	0.46	0.00	30.60	6.05	0.46	0.00
25.00	6.05	0.46	0.00	30.70	6.05	0.46	0.00
25.10	6.05	0.46	0.00	30.80	6.05	0.46	0.00
25.20	6.05	0.46	0.00	30.90	6.05	0.46	0.00
25.30	6.05	0.46	0.00	31.00	6.05	0.46	0.00
25.40	6.05	0.46	0.00	31.10	6.05	0.46	0.00
25.50	6.05	0.46	0.00	31.20	6.05	0.46	0.00
25.60	6.05	0.46	0.00	31.30	6.05	0.46	0.00
25.70	6.05	0.46	0.00	31.40	6.05	0.46	0.00
25.80	6.05	0.46	0.00	31.50	6.05	0.46	0.00
25.90	6.05	0.46	0.00	31.60	6.05	0.46	0.00
26.00	6.05	0.46	0.00	31.70	6.05	0.46	0.00
26.10	6.05	0.46	0.00	31.80	6.05	0.46	0.00
26.20	6.05	0.46	0.00	31.90	6.05	0.46	0.00
26.30	6.05	0.46	0.00	32.00	6.05	0.46	0.00
26.40	6.05	0.46	0.00	32.10	6.05	0.46	0.00
26.50	6.05	0.46	0.00	32.20	6.05	0.46	0.00
26.60	6.05	0.46	0.00	32.30	6.05	0.46	0.00
26.70	6.05	0.46	0.00	32.40	6.05	0.46	0.00
26.80	6.05	0.46	0.00	32.50	6.05	0.46	0.00
26.90	6.05	0.46	0.00	32.60	6.05	0.46	0.00
27.00	6.05	0.46	0.00	32.70	6.05	0.46	0.00
27.10	6.05	0.46	0.00	32.80	6.05	0.46	0.00
27.20	6.05	0.46	0.00	32.90	6.05	0.46	0.00
27.30	6.05	0.46	0.00	33.00	6.05	0.46	0.00
27.40	6.05	0.46	0.00	33.10	6.05	0.46	0.00
27.50	6.05	0.46	0.00	33.20	6.05	0.46	0.00
27.60	6.05	0.46	0.00	33.30	6.05	0.46	0.00
27.70	6.05	0.46	0.00	33.40	6.05	0.46	0.00
27.80	6.05	0.46	0.00	33.50	6.05	0.46	0.00
27.90	6.05	0.46	0.00	33.60	6.05	0.46	0.00
28.00	6.05	0.46	0.00	33.70	6.05	0.46	0.00
28.10	6.05	0.46	0.00	33.80	6.05	0.46	0.00
28.20	6.05	0.46	0.00	33.90	6.05	0.46	0.00
28.30	6.05	0.46	0.00	34.00	6.05	0.46	0.00
28.40	6.05	0.46	0.00	34.10	6.05	0.46	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	6.05	0.46	0.00	39.90	6.05	0.46	0.00
34.30	6.05	0.46	0.00	40.00	6.05	0.46	0.00
34.40	6.05	0.46	0.00	40.10	6.05	0.46	0.00
34.50	6.05	0.46	0.00	40.20	6.05	0.46	0.00
34.60	6.05	0.46	0.00	40.30	6.05	0.46	0.00
34.70	6.05	0.46	0.00	40.40	6.05	0.46	0.00
34.80	6.05	0.46	0.00	40.50	6.05	0.46	0.00
34.90	6.05	0.46	0.00	40.60	6.05	0.46	0.00
35.00	6.05	0.46	0.00	40.70	6.05	0.46	0.00
35.10	6.05	0.46	0.00	40.80	6.05	0.46	0.00
35.20	6.05	0.46	0.00	40.90	6.05	0.46	0.00
35.30	6.05	0.46	0.00	41.00	6.05	0.46	0.00
35.40	6.05	0.46	0.00	41.10	6.05	0.46	0.00
35.50	6.05	0.46	0.00	41.20	6.05	0.46	0.00
35.60	6.05	0.46	0.00	41.30	6.05	0.46	0.00
35.70	6.05	0.46	0.00	41.40	6.05	0.46	0.00
35.80	6.05	0.46	0.00	41.50	6.05	0.46	0.00
35.90	6.05	0.46	0.00	41.60	6.05	0.46	0.00
36.00	6.05	0.46	0.00	41.70	6.05	0.46	0.00
36.10	6.05	0.46	0.00	41.80	6.05	0.46	0.00
36.20	6.05	0.46	0.00	41.90	6.05	0.46	0.00
36.30	6.05	0.46	0.00	42.00	6.05	0.46	0.00
36.40	6.05	0.46	0.00	42.10	6.05	0.46	0.00
36.50	6.05	0.46	0.00	42.20	6.05	0.46	0.00
36.60	6.05	0.46	0.00	42.30	6.05	0.46	0.00
36.70	6.05	0.46	0.00	42.40	6.05	0.46	0.00
36.80	6.05	0.46	0.00	42.50	6.05	0.46	0.00
36.90	6.05	0.46	0.00	42.60	6.05	0.46	0.00
37.00	6.05	0.46	0.00	42.70	6.05	0.46	0.00
37.10	6.05	0.46	0.00	42.80	6.05	0.46	0.00
37.20	6.05	0.46	0.00	42.90	6.05	0.46	0.00
37.30	6.05	0.46	0.00	43.00	6.05	0.46	0.00
37.40	6.05	0.46	0.00	43.10	6.05	0.46	0.00
37.50	6.05	0.46	0.00	43.20	6.05	0.46	0.00
37.60	6.05	0.46	0.00	43.30	6.05	0.46	0.00
37.70	6.05	0.46	0.00	43.40	6.05	0.46	0.00
37.80	6.05	0.46	0.00	43.50	6.05	0.46	0.00
37.90	6.05	0.46	0.00	43.60	6.05	0.46	0.00
38.00	6.05	0.46	0.00	43.70	6.05	0.46	0.00
38.10	6.05	0.46	0.00	43.80	6.05	0.46	0.00
38.20	6.05	0.46	0.00	43.90	6.05	0.46	0.00
38.30	6.05	0.46	0.00	44.00	6.05	0.46	0.00
38.40	6.05	0.46	0.00	44.10	6.05	0.46	0.00
38.50	6.05	0.46	0.00	44.20	6.05	0.46	0.00
38.60	6.05	0.46	0.00	44.30	6.05	0.46	0.00
38.70	6.05	0.46	0.00	44.40	6.05	0.46	0.00
38.80	6.05	0.46	0.00	44.50	6.05	0.46	0.00
38.90	6.05	0.46	0.00	44.60	6.05	0.46	0.00
39.00	6.05	0.46	0.00	44.70	6.05	0.46	0.00
39.10	6.05	0.46	0.00	44.80	6.05	0.46	0.00
39.20	6.05	0.46	0.00	44.90	6.05	0.46	0.00
39.30	6.05	0.46	0.00	45.00	6.05	0.46	0.00
39.40	6.05	0.46	0.00	45.10	6.05	0.46	0.00
39.50	6.05	0.46	0.00	45.20	6.05	0.46	0.00
39.60	6.05	0.46	0.00	45.30	6.05	0.46	0.00
39.70	6.05	0.46	0.00	45.40	6.05	0.46	0.00
39.80	6.05	0.46	0.00	45.50	6.05	0.46	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	6.05	0.46	0.00	51.30	6.05	0.46	0.00
45.70	6.05	0.46	0.00	51.40	6.05	0.46	0.00
45.80	6.05	0.46	0.00	51.50	6.05	0.46	0.00
45.90	6.05	0.46	0.00	51.60	6.05	0.46	0.00
46.00	6.05	0.46	0.00	51.70	6.05	0.46	0.00
46.10	6.05	0.46	0.00	51.80	6.05	0.46	0.00
46.20	6.05	0.46	0.00	51.90	6.05	0.46	0.00
46.30	6.05	0.46	0.00	52.00	6.05	0.46	0.00
46.40	6.05	0.46	0.00	52.10	6.05	0.46	0.00
46.50	6.05	0.46	0.00	52.20	6.05	0.46	0.00
46.60	6.05	0.46	0.00	52.30	6.05	0.46	0.00
46.70	6.05	0.46	0.00	52.40	6.05	0.46	0.00
46.80	6.05	0.46	0.00	52.50	6.05	0.46	0.00
46.90	6.05	0.46	0.00	52.60	6.05	0.46	0.00
47.00	6.05	0.46	0.00	52.70	6.05	0.46	0.00
47.10	6.05	0.46	0.00	52.80	6.05	0.46	0.00
47.20	6.05	0.46	0.00	52.90	6.05	0.46	0.00
47.30	6.05	0.46	0.00	53.00	6.05	0.46	0.00
47.40	6.05	0.46	0.00	53.10	6.05	0.46	0.00
47.50	6.05	0.46	0.00	53.20	6.05	0.46	0.00
47.60	6.05	0.46	0.00	53.30	6.05	0.46	0.00
47.70	6.05	0.46	0.00	53.40	6.05	0.46	0.00
47.80	6.05	0.46	0.00	53.50	6.05	0.46	0.00
47.90	6.05	0.46	0.00	53.60	6.05	0.46	0.00
48.00	6.05	0.46	0.00	53.70	6.05	0.46	0.00
48.10	6.05	0.46	0.00	53.80	6.05	0.46	0.00
48.20	6.05	0.46	0.00	53.90	6.05	0.46	0.00
48.30	6.05	0.46	0.00	54.00	6.05	0.46	0.00
48.40	6.05	0.46	0.00	54.10	6.05	0.46	0.00
48.50	6.05	0.46	0.00	54.20	6.05	0.46	0.00
48.60	6.05	0.46	0.00	54.30	6.05	0.46	0.00
48.70	6.05	0.46	0.00	54.40	6.05	0.46	0.00
48.80	6.05	0.46	0.00	54.50	6.05	0.46	0.00
48.90	6.05	0.46	0.00	54.60	6.05	0.46	0.00
49.00	6.05	0.46	0.00	54.70	6.05	0.46	0.00
49.10	6.05	0.46	0.00	54.80	6.05	0.46	0.00
49.20	6.05	0.46	0.00	54.90	6.05	0.46	0.00
49.30	6.05	0.46	0.00	55.00	6.05	0.46	0.00
49.40	6.05	0.46	0.00	55.10	6.05	0.46	0.00
49.50	6.05	0.46	0.00	55.20	6.05	0.46	0.00
49.60	6.05	0.46	0.00	55.30	6.05	0.46	0.00
49.70	6.05	0.46	0.00	55.40	6.05	0.46	0.00
49.80	6.05	0.46	0.00	55.50	6.05	0.46	0.00
49.90	6.05	0.46	0.00	55.60	6.05	0.46	0.00
50.00	6.05	0.46	0.00	55.70	6.05	0.46	0.00
50.10	6.05	0.46	0.00	55.80	6.05	0.46	0.00
50.20	6.05	0.46	0.00	55.90	6.05	0.46	0.00
50.30	6.05	0.46	0.00	56.00	6.05	0.46	0.00
50.40	6.05	0.46	0.00	56.10	6.05	0.46	0.00
50.50	6.05	0.46	0.00	56.20	6.05	0.46	0.00
50.60	6.05	0.46	0.00	56.30	6.05	0.46	0.00
50.70	6.05	0.46	0.00	56.40	6.05	0.46	0.00
50.80	6.05	0.46	0.00	56.50	6.05	0.46	0.00
50.90	6.05	0.46	0.00	56.60	6.05	0.46	0.00
51.00	6.05	0.46	0.00	56.70	6.05	0.46	0.00
51.10	6.05	0.46	0.00	56.80	6.05	0.46	0.00
51.20	6.05	0.46	0.00	56.90	6.05	0.46	0.00

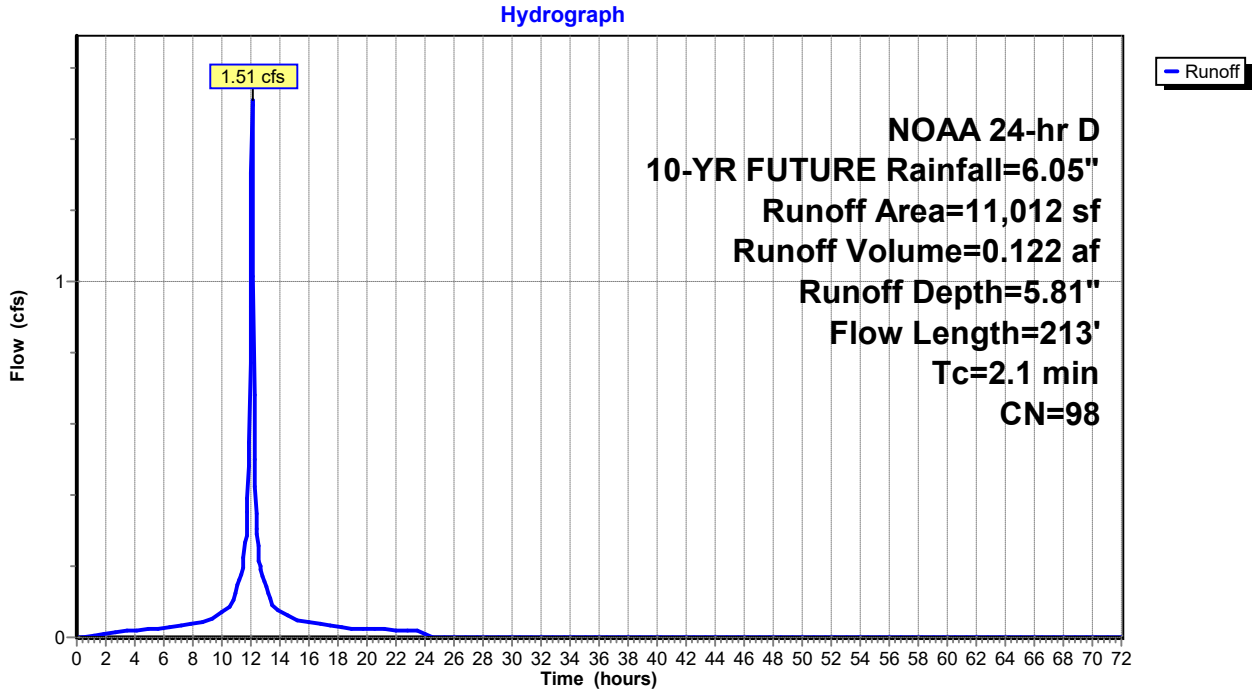
Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	6.05	0.46	0.00	62.70	6.05	0.46	0.00
57.10	6.05	0.46	0.00	62.80	6.05	0.46	0.00
57.20	6.05	0.46	0.00	62.90	6.05	0.46	0.00
57.30	6.05	0.46	0.00	63.00	6.05	0.46	0.00
57.40	6.05	0.46	0.00	63.10	6.05	0.46	0.00
57.50	6.05	0.46	0.00	63.20	6.05	0.46	0.00
57.60	6.05	0.46	0.00	63.30	6.05	0.46	0.00
57.70	6.05	0.46	0.00	63.40	6.05	0.46	0.00
57.80	6.05	0.46	0.00	63.50	6.05	0.46	0.00
57.90	6.05	0.46	0.00	63.60	6.05	0.46	0.00
58.00	6.05	0.46	0.00	63.70	6.05	0.46	0.00
58.10	6.05	0.46	0.00	63.80	6.05	0.46	0.00
58.20	6.05	0.46	0.00	63.90	6.05	0.46	0.00
58.30	6.05	0.46	0.00	64.00	6.05	0.46	0.00
58.40	6.05	0.46	0.00	64.10	6.05	0.46	0.00
58.50	6.05	0.46	0.00	64.20	6.05	0.46	0.00
58.60	6.05	0.46	0.00	64.30	6.05	0.46	0.00
58.70	6.05	0.46	0.00	64.40	6.05	0.46	0.00
58.80	6.05	0.46	0.00	64.50	6.05	0.46	0.00
58.90	6.05	0.46	0.00	64.60	6.05	0.46	0.00
59.00	6.05	0.46	0.00	64.70	6.05	0.46	0.00
59.10	6.05	0.46	0.00	64.80	6.05	0.46	0.00
59.20	6.05	0.46	0.00	64.90	6.05	0.46	0.00
59.30	6.05	0.46	0.00	65.00	6.05	0.46	0.00
59.40	6.05	0.46	0.00	65.10	6.05	0.46	0.00
59.50	6.05	0.46	0.00	65.20	6.05	0.46	0.00
59.60	6.05	0.46	0.00	65.30	6.05	0.46	0.00
59.70	6.05	0.46	0.00	65.40	6.05	0.46	0.00
59.80	6.05	0.46	0.00	65.50	6.05	0.46	0.00
59.90	6.05	0.46	0.00	65.60	6.05	0.46	0.00
60.00	6.05	0.46	0.00	65.70	6.05	0.46	0.00
60.10	6.05	0.46	0.00	65.80	6.05	0.46	0.00
60.20	6.05	0.46	0.00	65.90	6.05	0.46	0.00
60.30	6.05	0.46	0.00	66.00	6.05	0.46	0.00
60.40	6.05	0.46	0.00	66.10	6.05	0.46	0.00
60.50	6.05	0.46	0.00	66.20	6.05	0.46	0.00
60.60	6.05	0.46	0.00	66.30	6.05	0.46	0.00
60.70	6.05	0.46	0.00	66.40	6.05	0.46	0.00
60.80	6.05	0.46	0.00	66.50	6.05	0.46	0.00
60.90	6.05	0.46	0.00	66.60	6.05	0.46	0.00
61.00	6.05	0.46	0.00	66.70	6.05	0.46	0.00
61.10	6.05	0.46	0.00	66.80	6.05	0.46	0.00
61.20	6.05	0.46	0.00	66.90	6.05	0.46	0.00
61.30	6.05	0.46	0.00	67.00	6.05	0.46	0.00
61.40	6.05	0.46	0.00	67.10	6.05	0.46	0.00
61.50	6.05	0.46	0.00	67.20	6.05	0.46	0.00
61.60	6.05	0.46	0.00	67.30	6.05	0.46	0.00
61.70	6.05	0.46	0.00	67.40	6.05	0.46	0.00
61.80	6.05	0.46	0.00	67.50	6.05	0.46	0.00
61.90	6.05	0.46	0.00	67.60	6.05	0.46	0.00
62.00	6.05	0.46	0.00	67.70	6.05	0.46	0.00
62.10	6.05	0.46	0.00	67.80	6.05	0.46	0.00
62.20	6.05	0.46	0.00	67.90	6.05	0.46	0.00
62.30	6.05	0.46	0.00	68.00	6.05	0.46	0.00
62.40	6.05	0.46	0.00	68.10	6.05	0.46	0.00
62.50	6.05	0.46	0.00	68.20	6.05	0.46	0.00
62.60	6.05	0.46	0.00	68.30	6.05	0.46	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	6.05	0.46	0.00
68.50	6.05	0.46	0.00
68.60	6.05	0.46	0.00
68.70	6.05	0.46	0.00
68.80	6.05	0.46	0.00
68.90	6.05	0.46	0.00
69.00	6.05	0.46	0.00
69.10	6.05	0.46	0.00
69.20	6.05	0.46	0.00
69.30	6.05	0.46	0.00
69.40	6.05	0.46	0.00
69.50	6.05	0.46	0.00
69.60	6.05	0.46	0.00
69.70	6.05	0.46	0.00
69.80	6.05	0.46	0.00
69.90	6.05	0.46	0.00
70.00	6.05	0.46	0.00
70.10	6.05	0.46	0.00
70.20	6.05	0.46	0.00
70.30	6.05	0.46	0.00
70.40	6.05	0.46	0.00
70.50	6.05	0.46	0.00
70.60	6.05	0.46	0.00
70.70	6.05	0.46	0.00
70.80	6.05	0.46	0.00
70.90	6.05	0.46	0.00
71.00	6.05	0.46	0.00
71.10	6.05	0.46	0.00
71.20	6.05	0.46	0.00
71.30	6.05	0.46	0.00
71.40	6.05	0.46	0.00
71.50	6.05	0.46	0.00
71.60	6.05	0.46	0.00
71.70	6.05	0.46	0.00
71.80	6.05	0.46	0.00
71.90	6.05	0.46	0.00
72.00	6.05	0.46	0.00

Subcatchment 4S: EDA 2-Impervious



Hydrograph for Subcatchment 4S: EDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.48	0.30	0.02
0.10	0.01	0.00	0.00	5.80	0.50	0.31	0.02
0.20	0.01	0.00	0.00	5.90	0.51	0.32	0.02
0.30	0.02	0.00	0.00	6.00	0.52	0.33	0.02
0.40	0.03	0.00	0.00	6.10	0.53	0.34	0.03
0.50	0.03	0.00	0.00	6.20	0.54	0.35	0.03
0.60	0.04	0.00	0.00	6.30	0.55	0.36	0.03
0.70	0.05	0.00	0.00	6.40	0.56	0.37	0.03
0.80	0.05	0.00	0.00	6.50	0.57	0.39	0.03
0.90	0.06	0.00	0.00	6.60	0.59	0.40	0.03
1.00	0.07	0.00	0.00	6.70	0.60	0.41	0.03
1.10	0.08	0.01	0.00	6.80	0.61	0.42	0.03
1.20	0.08	0.01	0.01	6.90	0.62	0.43	0.03
1.30	0.09	0.01	0.01	7.00	0.64	0.44	0.03
1.40	0.10	0.01	0.01	7.10	0.65	0.46	0.03
1.50	0.11	0.02	0.01	7.20	0.66	0.47	0.03
1.60	0.11	0.02	0.01	7.30	0.68	0.48	0.03
1.70	0.12	0.02	0.01	7.40	0.69	0.50	0.03
1.80	0.13	0.03	0.01	7.50	0.71	0.51	0.04
1.90	0.14	0.03	0.01	7.60	0.72	0.52	0.04
2.00	0.15	0.04	0.01	7.70	0.74	0.54	0.04
2.10	0.15	0.04	0.01	7.80	0.75	0.55	0.04
2.20	0.16	0.04	0.01	7.90	0.77	0.57	0.04
2.30	0.17	0.05	0.01	8.00	0.79	0.58	0.04
2.40	0.18	0.05	0.01	8.10	0.80	0.60	0.04
2.50	0.19	0.06	0.01	8.20	0.82	0.62	0.04
2.60	0.19	0.07	0.01	8.30	0.83	0.63	0.04
2.70	0.20	0.07	0.01	8.40	0.85	0.65	0.04
2.80	0.21	0.08	0.01	8.50	0.87	0.66	0.04
2.90	0.22	0.08	0.02	8.60	0.89	0.68	0.04
3.00	0.23	0.09	0.02	8.70	0.90	0.70	0.04
3.10	0.24	0.10	0.02	8.80	0.92	0.72	0.04
3.20	0.25	0.10	0.02	8.90	0.94	0.73	0.05
3.30	0.25	0.11	0.02	9.00	0.96	0.75	0.05
3.40	0.26	0.12	0.02	9.10	0.98	0.77	0.05
3.50	0.27	0.12	0.02	9.20	1.00	0.79	0.05
3.60	0.28	0.13	0.02	9.30	1.02	0.81	0.05
3.70	0.29	0.14	0.02	9.40	1.04	0.83	0.06
3.80	0.30	0.14	0.02	9.50	1.07	0.86	0.06
3.90	0.31	0.15	0.02	9.60	1.09	0.88	0.06
4.00	0.32	0.16	0.02	9.70	1.12	0.91	0.06
4.10	0.33	0.17	0.02	9.80	1.14	0.93	0.07
4.20	0.34	0.17	0.02	9.90	1.17	0.96	0.07
4.30	0.35	0.18	0.02	10.00	1.20	0.99	0.07
4.40	0.36	0.19	0.02	10.10	1.23	1.01	0.07
4.50	0.36	0.20	0.02	10.20	1.26	1.04	0.07
4.60	0.37	0.21	0.02	10.30	1.29	1.07	0.08
4.70	0.38	0.22	0.02	10.40	1.32	1.11	0.08
4.80	0.39	0.22	0.02	10.50	1.35	1.14	0.08
4.90	0.40	0.23	0.02	10.60	1.39	1.17	0.09
5.00	0.41	0.24	0.02	10.70	1.43	1.21	0.10
5.10	0.42	0.25	0.02	10.80	1.48	1.26	0.11
5.20	0.43	0.26	0.02	10.90	1.52	1.30	0.12
5.30	0.44	0.27	0.02	11.00	1.57	1.35	0.13
5.40	0.45	0.28	0.02	11.10	1.63	1.41	0.14
5.50	0.46	0.29	0.02	11.20	1.69	1.47	0.16
5.60	0.47	0.29	0.02	11.30	1.76	1.54	0.17

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.84	1.61	0.19	17.10	5.43	5.19	0.03
11.50	1.92	1.69	0.21	17.20	5.44	5.20	0.03
11.60	2.03	1.80	0.27	17.30	5.45	5.21	0.03
11.70	2.14	1.92	0.29	17.40	5.46	5.23	0.03
11.80	2.30	2.07	0.39	17.50	5.48	5.24	0.03
11.90	2.52	2.29	0.55	17.60	5.49	5.25	0.03
12.00	2.90	2.67	0.93	17.70	5.50	5.26	0.03
12.10	3.53	3.30	**1.49**	17.80	5.51	5.27	0.03
12.20	3.75	3.52	0.68	17.90	5.52	5.29	0.03
12.30	3.91	3.67	0.42	18.00	5.53	5.30	0.03
12.40	4.02	3.79	0.31	18.10	5.54	5.31	0.03
12.50	4.13	3.90	0.28	18.20	5.55	5.32	0.03
12.60	4.21	3.98	0.22	18.30	5.57	5.33	0.03
12.70	4.29	4.05	0.19	18.40	5.58	5.34	0.03
12.80	4.36	4.12	0.18	18.50	5.59	5.35	0.03
12.90	4.42	4.18	0.16	18.60	5.60	5.36	0.03
13.00	4.48	4.24	0.15	18.70	5.61	5.37	0.03
13.10	4.53	4.29	0.13	18.80	5.62	5.38	0.03
13.20	4.57	4.34	0.12	18.90	5.63	5.39	0.03
13.30	4.62	4.38	0.11	19.00	5.64	5.40	0.03
13.40	4.66	4.42	0.10	19.10	5.65	5.41	0.03
13.50	4.70	4.46	0.09	19.20	5.66	5.42	0.03
13.60	4.73	4.49	0.09	19.30	5.67	5.43	0.02
13.70	4.76	4.52	0.08	19.40	5.68	5.44	0.02
13.80	4.79	4.55	0.08	19.50	5.69	5.45	0.02
13.90	4.82	4.58	0.08	19.60	5.69	5.46	0.02
14.00	4.85	4.61	0.07	19.70	5.70	5.47	0.02
14.10	4.88	4.64	0.07	19.80	5.71	5.48	0.02
14.20	4.91	4.67	0.07	19.90	5.72	5.49	0.02
14.30	4.93	4.70	0.07	20.00	5.73	5.49	0.02
14.40	4.96	4.72	0.06	20.10	5.74	5.50	0.02
14.50	4.98	4.75	0.06	20.20	5.75	5.51	0.02
14.60	5.01	4.77	0.06	20.30	5.76	5.52	0.02
14.70	5.03	4.79	0.06	20.40	5.77	5.53	0.02
14.80	5.05	4.81	0.06	20.50	5.78	5.54	0.02
14.90	5.07	4.83	0.05	20.60	5.79	5.55	0.02
15.00	5.09	4.85	0.05	20.70	5.80	5.56	0.02
15.10	5.11	4.87	0.05	20.80	5.80	5.57	0.02
15.20	5.13	4.89	0.05	20.90	5.81	5.58	0.02
15.30	5.15	4.91	0.05	21.00	5.82	5.58	0.02
15.40	5.16	4.93	0.05	21.10	5.83	5.59	0.02
15.50	5.18	4.94	0.04	21.20	5.84	5.60	0.02
15.60	5.20	4.96	0.04	21.30	5.85	5.61	0.02
15.70	5.22	4.98	0.04	21.40	5.86	5.62	0.02
15.80	5.23	4.99	0.04	21.50	5.86	5.63	0.02
15.90	5.25	5.01	0.04	21.60	5.87	5.63	0.02
16.00	5.26	5.03	0.04	21.70	5.88	5.64	0.02
16.10	5.28	5.04	0.04	21.80	5.89	5.65	0.02
16.20	5.30	5.06	0.04	21.90	5.90	5.66	0.02
16.30	5.31	5.07	0.04	22.00	5.90	5.67	0.02
16.40	5.33	5.09	0.04	22.10	5.91	5.67	0.02
16.50	5.34	5.10	0.04	22.20	5.92	5.68	0.02
16.60	5.36	5.12	0.04	22.30	5.93	5.69	0.02
16.70	5.37	5.13	0.04	22.40	5.94	5.70	0.02
16.80	5.39	5.15	0.04	22.50	5.94	5.71	0.02
16.90	5.40	5.16	0.04	22.60	5.95	5.71	0.02
17.00	5.41	5.18	0.03	22.70	5.96	5.72	0.02

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	5.97	5.73	0.02	28.50	6.05	5.81	0.00
22.90	5.97	5.74	0.02	28.60	6.05	5.81	0.00
23.00	5.98	5.74	0.02	28.70	6.05	5.81	0.00
23.10	5.99	5.75	0.02	28.80	6.05	5.81	0.00
23.20	6.00	5.76	0.02	28.90	6.05	5.81	0.00
23.30	6.00	5.76	0.02	29.00	6.05	5.81	0.00
23.40	6.01	5.77	0.02	29.10	6.05	5.81	0.00
23.50	6.02	5.78	0.02	29.20	6.05	5.81	0.00
23.60	6.02	5.78	0.02	29.30	6.05	5.81	0.00
23.70	6.03	5.79	0.02	29.40	6.05	5.81	0.00
23.80	6.04	5.80	0.02	29.50	6.05	5.81	0.00
23.90	6.04	5.81	0.02	29.60	6.05	5.81	0.00
24.00	**6.05**	**5.81**	0.02	29.70	6.05	5.81	0.00
24.10	6.05	5.81	0.00	29.80	6.05	5.81	0.00
24.20	6.05	5.81	0.00	29.90	6.05	5.81	0.00
24.30	6.05	5.81	0.00	30.00	6.05	5.81	0.00
24.40	6.05	5.81	0.00	30.10	6.05	5.81	0.00
24.50	6.05	5.81	0.00	30.20	6.05	5.81	0.00
24.60	6.05	5.81	0.00	30.30	6.05	5.81	0.00
24.70	6.05	5.81	0.00	30.40	6.05	5.81	0.00
24.80	6.05	5.81	0.00	30.50	6.05	5.81	0.00
24.90	6.05	5.81	0.00	30.60	6.05	5.81	0.00
25.00	6.05	5.81	0.00	30.70	6.05	5.81	0.00
25.10	6.05	5.81	0.00	30.80	6.05	5.81	0.00
25.20	6.05	5.81	0.00	30.90	6.05	5.81	0.00
25.30	6.05	5.81	0.00	31.00	6.05	5.81	0.00
25.40	6.05	5.81	0.00	31.10	6.05	5.81	0.00
25.50	6.05	5.81	0.00	31.20	6.05	5.81	0.00
25.60	6.05	5.81	0.00	31.30	6.05	5.81	0.00
25.70	6.05	5.81	0.00	31.40	6.05	5.81	0.00
25.80	6.05	5.81	0.00	31.50	6.05	5.81	0.00
25.90	6.05	5.81	0.00	31.60	6.05	5.81	0.00
26.00	6.05	5.81	0.00	31.70	6.05	5.81	0.00
26.10	6.05	5.81	0.00	31.80	6.05	5.81	0.00
26.20	6.05	5.81	0.00	31.90	6.05	5.81	0.00
26.30	6.05	5.81	0.00	32.00	6.05	5.81	0.00
26.40	6.05	5.81	0.00	32.10	6.05	5.81	0.00
26.50	6.05	5.81	0.00	32.20	6.05	5.81	0.00
26.60	6.05	5.81	0.00	32.30	6.05	5.81	0.00
26.70	6.05	5.81	0.00	32.40	6.05	5.81	0.00
26.80	6.05	5.81	0.00	32.50	6.05	5.81	0.00
26.90	6.05	5.81	0.00	32.60	6.05	5.81	0.00
27.00	6.05	5.81	0.00	32.70	6.05	5.81	0.00
27.10	6.05	5.81	0.00	32.80	6.05	5.81	0.00
27.20	6.05	5.81	0.00	32.90	6.05	5.81	0.00
27.30	6.05	5.81	0.00	33.00	6.05	5.81	0.00
27.40	6.05	5.81	0.00	33.10	6.05	5.81	0.00
27.50	6.05	5.81	0.00	33.20	6.05	5.81	0.00
27.60	6.05	5.81	0.00	33.30	6.05	5.81	0.00
27.70	6.05	5.81	0.00	33.40	6.05	5.81	0.00
27.80	6.05	5.81	0.00	33.50	6.05	5.81	0.00
27.90	6.05	5.81	0.00	33.60	6.05	5.81	0.00
28.00	6.05	5.81	0.00	33.70	6.05	5.81	0.00
28.10	6.05	5.81	0.00	33.80	6.05	5.81	0.00
28.20	6.05	5.81	0.00	33.90	6.05	5.81	0.00
28.30	6.05	5.81	0.00	34.00	6.05	5.81	0.00
28.40	6.05	5.81	0.00	34.10	6.05	5.81	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	6.05	5.81	0.00	39.90	6.05	5.81	0.00
34.30	6.05	5.81	0.00	40.00	6.05	5.81	0.00
34.40	6.05	5.81	0.00	40.10	6.05	5.81	0.00
34.50	6.05	5.81	0.00	40.20	6.05	5.81	0.00
34.60	6.05	5.81	0.00	40.30	6.05	5.81	0.00
34.70	6.05	5.81	0.00	40.40	6.05	5.81	0.00
34.80	6.05	5.81	0.00	40.50	6.05	5.81	0.00
34.90	6.05	5.81	0.00	40.60	6.05	5.81	0.00
35.00	6.05	5.81	0.00	40.70	6.05	5.81	0.00
35.10	6.05	5.81	0.00	40.80	6.05	5.81	0.00
35.20	6.05	5.81	0.00	40.90	6.05	5.81	0.00
35.30	6.05	5.81	0.00	41.00	6.05	5.81	0.00
35.40	6.05	5.81	0.00	41.10	6.05	5.81	0.00
35.50	6.05	5.81	0.00	41.20	6.05	5.81	0.00
35.60	6.05	5.81	0.00	41.30	6.05	5.81	0.00
35.70	6.05	5.81	0.00	41.40	6.05	5.81	0.00
35.80	6.05	5.81	0.00	41.50	6.05	5.81	0.00
35.90	6.05	5.81	0.00	41.60	6.05	5.81	0.00
36.00	6.05	5.81	0.00	41.70	6.05	5.81	0.00
36.10	6.05	5.81	0.00	41.80	6.05	5.81	0.00
36.20	6.05	5.81	0.00	41.90	6.05	5.81	0.00
36.30	6.05	5.81	0.00	42.00	6.05	5.81	0.00
36.40	6.05	5.81	0.00	42.10	6.05	5.81	0.00
36.50	6.05	5.81	0.00	42.20	6.05	5.81	0.00
36.60	6.05	5.81	0.00	42.30	6.05	5.81	0.00
36.70	6.05	5.81	0.00	42.40	6.05	5.81	0.00
36.80	6.05	5.81	0.00	42.50	6.05	5.81	0.00
36.90	6.05	5.81	0.00	42.60	6.05	5.81	0.00
37.00	6.05	5.81	0.00	42.70	6.05	5.81	0.00
37.10	6.05	5.81	0.00	42.80	6.05	5.81	0.00
37.20	6.05	5.81	0.00	42.90	6.05	5.81	0.00
37.30	6.05	5.81	0.00	43.00	6.05	5.81	0.00
37.40	6.05	5.81	0.00	43.10	6.05	5.81	0.00
37.50	6.05	5.81	0.00	43.20	6.05	5.81	0.00
37.60	6.05	5.81	0.00	43.30	6.05	5.81	0.00
37.70	6.05	5.81	0.00	43.40	6.05	5.81	0.00
37.80	6.05	5.81	0.00	43.50	6.05	5.81	0.00
37.90	6.05	5.81	0.00	43.60	6.05	5.81	0.00
38.00	6.05	5.81	0.00	43.70	6.05	5.81	0.00
38.10	6.05	5.81	0.00	43.80	6.05	5.81	0.00
38.20	6.05	5.81	0.00	43.90	6.05	5.81	0.00
38.30	6.05	5.81	0.00	44.00	6.05	5.81	0.00
38.40	6.05	5.81	0.00	44.10	6.05	5.81	0.00
38.50	6.05	5.81	0.00	44.20	6.05	5.81	0.00
38.60	6.05	5.81	0.00	44.30	6.05	5.81	0.00
38.70	6.05	5.81	0.00	44.40	6.05	5.81	0.00
38.80	6.05	5.81	0.00	44.50	6.05	5.81	0.00
38.90	6.05	5.81	0.00	44.60	6.05	5.81	0.00
39.00	6.05	5.81	0.00	44.70	6.05	5.81	0.00
39.10	6.05	5.81	0.00	44.80	6.05	5.81	0.00
39.20	6.05	5.81	0.00	44.90	6.05	5.81	0.00
39.30	6.05	5.81	0.00	45.00	6.05	5.81	0.00
39.40	6.05	5.81	0.00	45.10	6.05	5.81	0.00
39.50	6.05	5.81	0.00	45.20	6.05	5.81	0.00
39.60	6.05	5.81	0.00	45.30	6.05	5.81	0.00
39.70	6.05	5.81	0.00	45.40	6.05	5.81	0.00
39.80	6.05	5.81	0.00	45.50	6.05	5.81	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	6.05	5.81	0.00	51.30	6.05	5.81	0.00
45.70	6.05	5.81	0.00	51.40	6.05	5.81	0.00
45.80	6.05	5.81	0.00	51.50	6.05	5.81	0.00
45.90	6.05	5.81	0.00	51.60	6.05	5.81	0.00
46.00	6.05	5.81	0.00	51.70	6.05	5.81	0.00
46.10	6.05	5.81	0.00	51.80	6.05	5.81	0.00
46.20	6.05	5.81	0.00	51.90	6.05	5.81	0.00
46.30	6.05	5.81	0.00	52.00	6.05	5.81	0.00
46.40	6.05	5.81	0.00	52.10	6.05	5.81	0.00
46.50	6.05	5.81	0.00	52.20	6.05	5.81	0.00
46.60	6.05	5.81	0.00	52.30	6.05	5.81	0.00
46.70	6.05	5.81	0.00	52.40	6.05	5.81	0.00
46.80	6.05	5.81	0.00	52.50	6.05	5.81	0.00
46.90	6.05	5.81	0.00	52.60	6.05	5.81	0.00
47.00	6.05	5.81	0.00	52.70	6.05	5.81	0.00
47.10	6.05	5.81	0.00	52.80	6.05	5.81	0.00
47.20	6.05	5.81	0.00	52.90	6.05	5.81	0.00
47.30	6.05	5.81	0.00	53.00	6.05	5.81	0.00
47.40	6.05	5.81	0.00	53.10	6.05	5.81	0.00
47.50	6.05	5.81	0.00	53.20	6.05	5.81	0.00
47.60	6.05	5.81	0.00	53.30	6.05	5.81	0.00
47.70	6.05	5.81	0.00	53.40	6.05	5.81	0.00
47.80	6.05	5.81	0.00	53.50	6.05	5.81	0.00
47.90	6.05	5.81	0.00	53.60	6.05	5.81	0.00
48.00	6.05	5.81	0.00	53.70	6.05	5.81	0.00
48.10	6.05	5.81	0.00	53.80	6.05	5.81	0.00
48.20	6.05	5.81	0.00	53.90	6.05	5.81	0.00
48.30	6.05	5.81	0.00	54.00	6.05	5.81	0.00
48.40	6.05	5.81	0.00	54.10	6.05	5.81	0.00
48.50	6.05	5.81	0.00	54.20	6.05	5.81	0.00
48.60	6.05	5.81	0.00	54.30	6.05	5.81	0.00
48.70	6.05	5.81	0.00	54.40	6.05	5.81	0.00
48.80	6.05	5.81	0.00	54.50	6.05	5.81	0.00
48.90	6.05	5.81	0.00	54.60	6.05	5.81	0.00
49.00	6.05	5.81	0.00	54.70	6.05	5.81	0.00
49.10	6.05	5.81	0.00	54.80	6.05	5.81	0.00
49.20	6.05	5.81	0.00	54.90	6.05	5.81	0.00
49.30	6.05	5.81	0.00	55.00	6.05	5.81	0.00
49.40	6.05	5.81	0.00	55.10	6.05	5.81	0.00
49.50	6.05	5.81	0.00	55.20	6.05	5.81	0.00
49.60	6.05	5.81	0.00	55.30	6.05	5.81	0.00
49.70	6.05	5.81	0.00	55.40	6.05	5.81	0.00
49.80	6.05	5.81	0.00	55.50	6.05	5.81	0.00
49.90	6.05	5.81	0.00	55.60	6.05	5.81	0.00
50.00	6.05	5.81	0.00	55.70	6.05	5.81	0.00
50.10	6.05	5.81	0.00	55.80	6.05	5.81	0.00
50.20	6.05	5.81	0.00	55.90	6.05	5.81	0.00
50.30	6.05	5.81	0.00	56.00	6.05	5.81	0.00
50.40	6.05	5.81	0.00	56.10	6.05	5.81	0.00
50.50	6.05	5.81	0.00	56.20	6.05	5.81	0.00
50.60	6.05	5.81	0.00	56.30	6.05	5.81	0.00
50.70	6.05	5.81	0.00	56.40	6.05	5.81	0.00
50.80	6.05	5.81	0.00	56.50	6.05	5.81	0.00
50.90	6.05	5.81	0.00	56.60	6.05	5.81	0.00
51.00	6.05	5.81	0.00	56.70	6.05	5.81	0.00
51.10	6.05	5.81	0.00	56.80	6.05	5.81	0.00
51.20	6.05	5.81	0.00	56.90	6.05	5.81	0.00

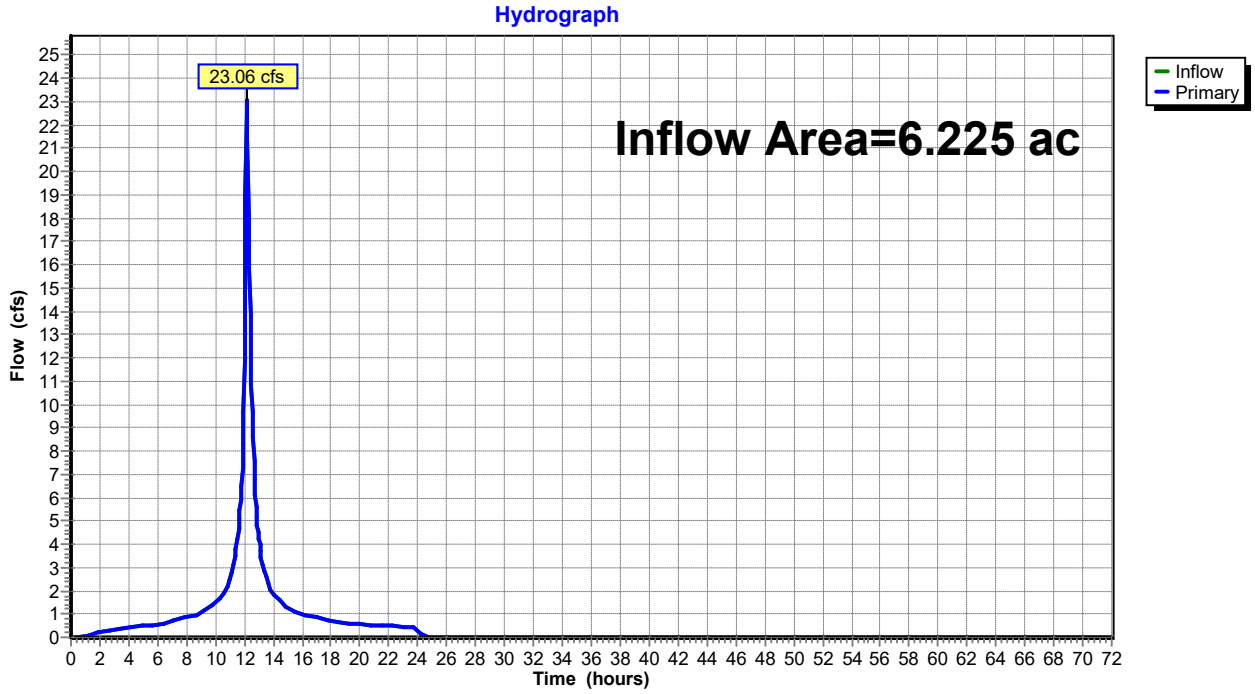
Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	6.05	5.81	0.00	62.70	6.05	5.81	0.00
57.10	6.05	5.81	0.00	62.80	6.05	5.81	0.00
57.20	6.05	5.81	0.00	62.90	6.05	5.81	0.00
57.30	6.05	5.81	0.00	63.00	6.05	5.81	0.00
57.40	6.05	5.81	0.00	63.10	6.05	5.81	0.00
57.50	6.05	5.81	0.00	63.20	6.05	5.81	0.00
57.60	6.05	5.81	0.00	63.30	6.05	5.81	0.00
57.70	6.05	5.81	0.00	63.40	6.05	5.81	0.00
57.80	6.05	5.81	0.00	63.50	6.05	5.81	0.00
57.90	6.05	5.81	0.00	63.60	6.05	5.81	0.00
58.00	6.05	5.81	0.00	63.70	6.05	5.81	0.00
58.10	6.05	5.81	0.00	63.80	6.05	5.81	0.00
58.20	6.05	5.81	0.00	63.90	6.05	5.81	0.00
58.30	6.05	5.81	0.00	64.00	6.05	5.81	0.00
58.40	6.05	5.81	0.00	64.10	6.05	5.81	0.00
58.50	6.05	5.81	0.00	64.20	6.05	5.81	0.00
58.60	6.05	5.81	0.00	64.30	6.05	5.81	0.00
58.70	6.05	5.81	0.00	64.40	6.05	5.81	0.00
58.80	6.05	5.81	0.00	64.50	6.05	5.81	0.00
58.90	6.05	5.81	0.00	64.60	6.05	5.81	0.00
59.00	6.05	5.81	0.00	64.70	6.05	5.81	0.00
59.10	6.05	5.81	0.00	64.80	6.05	5.81	0.00
59.20	6.05	5.81	0.00	64.90	6.05	5.81	0.00
59.30	6.05	5.81	0.00	65.00	6.05	5.81	0.00
59.40	6.05	5.81	0.00	65.10	6.05	5.81	0.00
59.50	6.05	5.81	0.00	65.20	6.05	5.81	0.00
59.60	6.05	5.81	0.00	65.30	6.05	5.81	0.00
59.70	6.05	5.81	0.00	65.40	6.05	5.81	0.00
59.80	6.05	5.81	0.00	65.50	6.05	5.81	0.00
59.90	6.05	5.81	0.00	65.60	6.05	5.81	0.00
60.00	6.05	5.81	0.00	65.70	6.05	5.81	0.00
60.10	6.05	5.81	0.00	65.80	6.05	5.81	0.00
60.20	6.05	5.81	0.00	65.90	6.05	5.81	0.00
60.30	6.05	5.81	0.00	66.00	6.05	5.81	0.00
60.40	6.05	5.81	0.00	66.10	6.05	5.81	0.00
60.50	6.05	5.81	0.00	66.20	6.05	5.81	0.00
60.60	6.05	5.81	0.00	66.30	6.05	5.81	0.00
60.70	6.05	5.81	0.00	66.40	6.05	5.81	0.00
60.80	6.05	5.81	0.00	66.50	6.05	5.81	0.00
60.90	6.05	5.81	0.00	66.60	6.05	5.81	0.00
61.00	6.05	5.81	0.00	66.70	6.05	5.81	0.00
61.10	6.05	5.81	0.00	66.80	6.05	5.81	0.00
61.20	6.05	5.81	0.00	66.90	6.05	5.81	0.00
61.30	6.05	5.81	0.00	67.00	6.05	5.81	0.00
61.40	6.05	5.81	0.00	67.10	6.05	5.81	0.00
61.50	6.05	5.81	0.00	67.20	6.05	5.81	0.00
61.60	6.05	5.81	0.00	67.30	6.05	5.81	0.00
61.70	6.05	5.81	0.00	67.40	6.05	5.81	0.00
61.80	6.05	5.81	0.00	67.50	6.05	5.81	0.00
61.90	6.05	5.81	0.00	67.60	6.05	5.81	0.00
62.00	6.05	5.81	0.00	67.70	6.05	5.81	0.00
62.10	6.05	5.81	0.00	67.80	6.05	5.81	0.00
62.20	6.05	5.81	0.00	67.90	6.05	5.81	0.00
62.30	6.05	5.81	0.00	68.00	6.05	5.81	0.00
62.40	6.05	5.81	0.00	68.10	6.05	5.81	0.00
62.50	6.05	5.81	0.00	68.20	6.05	5.81	0.00
62.60	6.05	5.81	0.00	68.30	6.05	5.81	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	6.05	5.81	0.00
68.50	6.05	5.81	0.00
68.60	6.05	5.81	0.00
68.70	6.05	5.81	0.00
68.80	6.05	5.81	0.00
68.90	6.05	5.81	0.00
69.00	6.05	5.81	0.00
69.10	6.05	5.81	0.00
69.20	6.05	5.81	0.00
69.30	6.05	5.81	0.00
69.40	6.05	5.81	0.00
69.50	6.05	5.81	0.00
69.60	6.05	5.81	0.00
69.70	6.05	5.81	0.00
69.80	6.05	5.81	0.00
69.90	6.05	5.81	0.00
70.00	6.05	5.81	0.00
70.10	6.05	5.81	0.00
70.20	6.05	5.81	0.00
70.30	6.05	5.81	0.00
70.40	6.05	5.81	0.00
70.50	6.05	5.81	0.00
70.60	6.05	5.81	0.00
70.70	6.05	5.81	0.00
70.80	6.05	5.81	0.00
70.90	6.05	5.81	0.00
71.00	6.05	5.81	0.00
71.10	6.05	5.81	0.00
71.20	6.05	5.81	0.00
71.30	6.05	5.81	0.00
71.40	6.05	5.81	0.00
71.50	6.05	5.81	0.00
71.60	6.05	5.81	0.00
71.70	6.05	5.81	0.00
71.80	6.05	5.81	0.00
71.90	6.05	5.81	0.00
72.00	6.05	5.81	0.00

Link 3L: POA-1


Hydrograph
23.06 cfs
Inflow Area=6.225 ac
Inflow
Primary
Flow (cfs)
Time (hours)

Hydrograph for Link 3L: POA-1

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.54	0.00	0.54
0.10	0.00	0.00	0.00	5.80	0.54	0.00	0.54
0.20	0.00	0.00	0.00	5.90	0.55	0.00	0.55
0.30	0.00	0.00	0.00	6.00	0.56	0.00	0.56
0.40	0.00	0.00	0.00	6.10	0.56	0.00	0.56
0.50	0.00	0.00	0.00	6.20	0.57	0.00	0.57
0.60	0.00	0.00	0.00	6.30	0.59	0.00	0.59
0.70	0.00	0.00	0.00	6.40	0.60	0.00	0.60
0.80	0.01	0.00	0.01	6.50	0.62	0.00	0.62
0.90	0.03	0.00	0.03	6.60	0.63	0.00	0.63
1.00	0.05	0.00	0.05	6.70	0.65	0.00	0.65
1.10	0.07	0.00	0.07	6.80	0.67	0.00	0.67
1.20	0.09	0.00	0.09	6.90	0.68	0.00	0.68
1.30	0.11	0.00	0.11	7.00	0.70	0.00	0.70
1.40	0.13	0.00	0.13	7.10	0.72	0.00	0.72
1.50	0.15	0.00	0.15	7.20	0.73	0.00	0.73
1.60	0.17	0.00	0.17	7.30	0.75	0.00	0.75
1.70	0.18	0.00	0.18	7.40	0.77	0.00	0.77
1.80	0.20	0.00	0.20	7.50	0.78	0.00	0.78
1.90	0.22	0.00	0.22	7.60	0.80	0.00	0.80
2.00	0.23	0.00	0.23	7.70	0.81	0.00	0.81
2.10	0.24	0.00	0.24	7.80	0.83	0.00	0.83
2.20	0.26	0.00	0.26	7.90	0.85	0.00	0.85
2.30	0.27	0.00	0.27	8.00	0.86	0.00	0.86
2.40	0.28	0.00	0.28	8.10	0.88	0.00	0.88
2.50	0.29	0.00	0.29	8.20	0.90	0.00	0.90
2.60	0.30	0.00	0.30	8.30	0.91	0.00	0.91
2.70	0.32	0.00	0.32	8.40	0.93	0.00	0.93
2.80	0.33	0.00	0.33	8.50	0.95	0.00	0.95
2.90	0.34	0.00	0.34	8.60	0.96	0.00	0.96
3.00	0.35	0.00	0.35	8.70	0.98	0.00	0.98
3.10	0.36	0.00	0.36	8.80	1.00	0.00	1.00
3.20	0.36	0.00	0.36	8.90	1.01	0.00	1.01
3.30	0.37	0.00	0.37	9.00	1.03	0.00	1.03
3.40	0.38	0.00	0.38	9.10	1.05	0.00	1.05
3.50	0.39	0.00	0.39	9.20	1.09	0.00	1.09
3.60	0.40	0.00	0.40	9.30	1.14	0.00	1.14
3.70	0.41	0.00	0.41	9.40	1.19	0.00	1.19
3.80	0.42	0.00	0.42	9.50	1.24	0.00	1.24
3.90	0.42	0.00	0.42	9.60	1.30	0.00	1.30
4.00	0.43	0.00	0.43	9.70	1.35	0.00	1.35
4.10	0.44	0.00	0.44	9.80	1.41	0.00	1.41
4.20	0.44	0.00	0.44	9.90	1.46	0.00	1.46
4.30	0.45	0.00	0.45	10.00	1.52	0.00	1.52
4.40	0.46	0.00	0.46	10.10	1.58	0.00	1.58
4.50	0.47	0.00	0.47	10.20	1.63	0.00	1.63
4.60	0.47	0.00	0.47	10.30	1.69	0.00	1.69
4.70	0.48	0.00	0.48	10.40	1.75	0.00	1.75
4.80	0.48	0.00	0.48	10.50	1.80	0.00	1.80
4.90	0.49	0.00	0.49	10.60	1.88	0.00	1.88
5.00	0.50	0.00	0.50	10.70	2.02	0.00	2.02
5.10	0.50	0.00	0.50	10.80	2.18	0.00	2.18
5.20	0.51	0.00	0.51	10.90	2.37	0.00	2.37
5.30	0.52	0.00	0.52	11.00	2.56	0.00	2.56
5.40	0.52	0.00	0.52	11.10	2.79	0.00	2.79
5.50	0.53	0.00	0.53	11.20	3.07	0.00	3.07
5.60	0.53	0.00	0.53	11.30	3.39	0.00	3.39

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	3.73	0.00	3.73	17.10	0.82	0.00	0.82
11.50	4.08	0.00	4.08	17.20	0.81	0.00	0.81
11.60	4.66	0.00	4.66	17.30	0.79	0.00	0.79
11.70	5.47	0.00	5.47	17.40	0.77	0.00	0.77
11.80	6.47	0.00	6.47	17.50	0.76	0.00	0.76
11.90	8.31	0.00	8.31	17.60	0.74	0.00	0.74
12.00	11.92	0.00	11.92	17.70	0.73	0.00	0.73
12.10	**18.97**	0.00	**18.97**	17.80	0.71	0.00	0.71
12.20	**22.60**	0.00	**22.60**	17.90	0.69	0.00	0.69
12.30	18.01	0.00	18.01	18.00	0.68	0.00	0.68
12.40	13.89	0.00	13.89	18.10	0.66	0.00	0.66
12.50	10.81	0.00	10.81	18.20	0.65	0.00	0.65
12.60	8.59	0.00	8.59	18.30	0.64	0.00	0.64
12.70	6.77	0.00	6.77	18.40	0.63	0.00	0.63
12.80	5.59	0.00	5.59	18.50	0.63	0.00	0.63
12.90	4.81	0.00	4.81	18.60	0.62	0.00	0.62
13.00	4.22	0.00	4.22	18.70	0.62	0.00	0.62
13.10	3.73	0.00	3.73	18.80	0.61	0.00	0.61
13.20	3.35	0.00	3.35	18.90	0.61	0.00	0.61
13.30	3.05	0.00	3.05	19.00	0.60	0.00	0.60
13.40	2.80	0.00	2.80	19.10	0.60	0.00	0.60
13.50	2.57	0.00	2.57	19.20	0.60	0.00	0.60
13.60	2.35	0.00	2.35	19.30	0.59	0.00	0.59
13.70	2.16	0.00	2.16	19.40	0.59	0.00	0.59
13.80	2.03	0.00	2.03	19.50	0.58	0.00	0.58
13.90	1.94	0.00	1.94	19.60	0.58	0.00	0.58
14.00	1.86	0.00	1.86	19.70	0.58	0.00	0.58
14.10	1.79	0.00	1.79	19.80	0.57	0.00	0.57
14.20	1.73	0.00	1.73	19.90	0.57	0.00	0.57
14.30	1.67	0.00	1.67	20.00	0.56	0.00	0.56
14.40	1.61	0.00	1.61	20.10	0.56	0.00	0.56
14.50	1.56	0.00	1.56	20.20	0.56	0.00	0.56
14.60	1.50	0.00	1.50	20.30	0.55	0.00	0.55
14.70	1.44	0.00	1.44	20.40	0.55	0.00	0.55
14.80	1.39	0.00	1.39	20.50	0.54	0.00	0.54
14.90	1.33	0.00	1.33	20.60	0.54	0.00	0.54
15.00	1.27	0.00	1.27	20.70	0.54	0.00	0.54
15.10	1.22	0.00	1.22	20.80	0.53	0.00	0.53
15.20	1.17	0.00	1.17	20.90	0.53	0.00	0.53
15.30	1.13	0.00	1.13	21.00	0.52	0.00	0.52
15.40	1.10	0.00	1.10	21.10	0.52	0.00	0.52
15.50	1.08	0.00	1.08	21.20	0.52	0.00	0.52
15.60	1.06	0.00	1.06	21.30	0.51	0.00	0.51
15.70	1.05	0.00	1.05	21.40	0.51	0.00	0.51
15.80	1.03	0.00	1.03	21.50	0.50	0.00	0.50
15.90	1.01	0.00	1.01	21.60	0.50	0.00	0.50
16.00	1.00	0.00	1.00	21.70	0.50	0.00	0.50
16.10	0.98	0.00	0.98	21.80	0.49	0.00	0.49
16.20	0.97	0.00	0.97	21.90	0.49	0.00	0.49
16.30	0.95	0.00	0.95	22.00	0.48	0.00	0.48
16.40	0.93	0.00	0.93	22.10	0.48	0.00	0.48
16.50	0.92	0.00	0.92	22.20	0.48	0.00	0.48
16.60	0.90	0.00	0.90	22.30	0.47	0.00	0.47
16.70	0.89	0.00	0.89	22.40	0.47	0.00	0.47
16.80	0.87	0.00	0.87	22.50	0.46	0.00	0.46
16.90	0.85	0.00	0.85	22.60	0.46	0.00	0.46
17.00	0.84	0.00	0.84	22.70	0.46	0.00	0.46

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.45	0.00	0.45	28.50	0.00	0.00	0.00
22.90	0.45	0.00	0.45	28.60	0.00	0.00	0.00
23.00	0.44	0.00	0.44	28.70	0.00	0.00	0.00
23.10	0.44	0.00	0.44	28.80	0.00	0.00	0.00
23.20	0.44	0.00	0.44	28.90	0.00	0.00	0.00
23.30	0.43	0.00	0.43	29.00	0.00	0.00	0.00
23.40	0.43	0.00	0.43	29.10	0.00	0.00	0.00
23.50	0.42	0.00	0.42	29.20	0.00	0.00	0.00
23.60	0.42	0.00	0.42	29.30	0.00	0.00	0.00
23.70	0.42	0.00	0.42	29.40	0.00	0.00	0.00
23.80	0.41	0.00	0.41	29.50	0.00	0.00	0.00
23.90	0.41	0.00	0.41	29.60	0.00	0.00	0.00
24.00	0.40	0.00	0.40	29.70	0.00	0.00	0.00
24.10	0.33	0.00	0.33	29.80	0.00	0.00	0.00
24.20	0.19	0.00	0.19	29.90	0.00	0.00	0.00
24.30	0.11	0.00	0.11	30.00	0.00	0.00	0.00
24.40	0.06	0.00	0.06	30.10	0.00	0.00	0.00
24.50	0.03	0.00	0.03	30.20	0.00	0.00	0.00
24.60	0.01	0.00	0.01	30.30	0.00	0.00	0.00
24.70	0.01	0.00	0.01	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

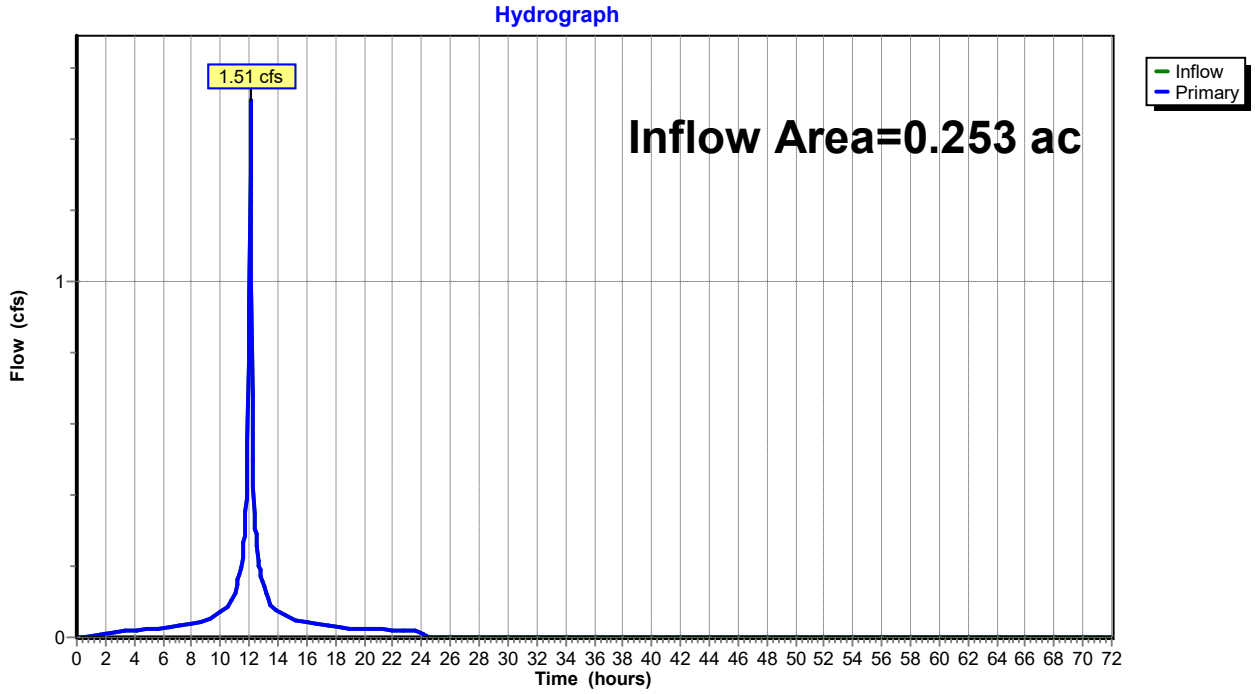
Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Link 5L: POA-2


Hydrograph
1.51 cfs
Inflow Area=0.253 ac
Inflow
Primary
Flow (cfs)
1
0
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72
Time (hours)

Hydrograph for Link 5L: POA-2

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.02	0.00	0.02
0.10	0.00	0.00	0.00	5.80	0.02	0.00	0.02
0.20	0.00	0.00	0.00	5.90	0.02	0.00	0.02
0.30	0.00	0.00	0.00	6.00	0.02	0.00	0.02
0.40	0.00	0.00	0.00	6.10	0.03	0.00	0.03
0.50	0.00	0.00	0.00	6.20	0.03	0.00	0.03
0.60	0.00	0.00	0.00	6.30	0.03	0.00	0.03
0.70	0.00	0.00	0.00	6.40	0.03	0.00	0.03
0.80	0.00	0.00	0.00	6.50	0.03	0.00	0.03
0.90	0.00	0.00	0.00	6.60	0.03	0.00	0.03
1.00	0.00	0.00	0.00	6.70	0.03	0.00	0.03
1.10	0.00	0.00	0.00	6.80	0.03	0.00	0.03
1.20	0.01	0.00	0.01	6.90	0.03	0.00	0.03
1.30	0.01	0.00	0.01	7.00	0.03	0.00	0.03
1.40	0.01	0.00	0.01	7.10	0.03	0.00	0.03
1.50	0.01	0.00	0.01	7.20	0.03	0.00	0.03
1.60	0.01	0.00	0.01	7.30	0.03	0.00	0.03
1.70	0.01	0.00	0.01	7.40	0.03	0.00	0.03
1.80	0.01	0.00	0.01	7.50	0.04	0.00	0.04
1.90	0.01	0.00	0.01	7.60	0.04	0.00	0.04
2.00	0.01	0.00	0.01	7.70	0.04	0.00	0.04
2.10	0.01	0.00	0.01	7.80	0.04	0.00	0.04
2.20	0.01	0.00	0.01	7.90	0.04	0.00	0.04
2.30	0.01	0.00	0.01	8.00	0.04	0.00	0.04
2.40	0.01	0.00	0.01	8.10	0.04	0.00	0.04
2.50	0.01	0.00	0.01	8.20	0.04	0.00	0.04
2.60	0.01	0.00	0.01	8.30	0.04	0.00	0.04
2.70	0.01	0.00	0.01	8.40	0.04	0.00	0.04
2.80	0.01	0.00	0.01	8.50	0.04	0.00	0.04
2.90	0.02	0.00	0.02	8.60	0.04	0.00	0.04
3.00	0.02	0.00	0.02	8.70	0.04	0.00	0.04
3.10	0.02	0.00	0.02	8.80	0.04	0.00	0.04
3.20	0.02	0.00	0.02	8.90	0.05	0.00	0.05
3.30	0.02	0.00	0.02	9.00	0.05	0.00	0.05
3.40	0.02	0.00	0.02	9.10	0.05	0.00	0.05
3.50	0.02	0.00	0.02	9.20	0.05	0.00	0.05
3.60	0.02	0.00	0.02	9.30	0.05	0.00	0.05
3.70	0.02	0.00	0.02	9.40	0.06	0.00	0.06
3.80	0.02	0.00	0.02	9.50	0.06	0.00	0.06
3.90	0.02	0.00	0.02	9.60	0.06	0.00	0.06
4.00	0.02	0.00	0.02	9.70	0.06	0.00	0.06
4.10	0.02	0.00	0.02	9.80	0.07	0.00	0.07
4.20	0.02	0.00	0.02	9.90	0.07	0.00	0.07
4.30	0.02	0.00	0.02	10.00	0.07	0.00	0.07
4.40	0.02	0.00	0.02	10.10	0.07	0.00	0.07
4.50	0.02	0.00	0.02	10.20	0.07	0.00	0.07
4.60	0.02	0.00	0.02	10.30	0.08	0.00	0.08
4.70	0.02	0.00	0.02	10.40	0.08	0.00	0.08
4.80	0.02	0.00	0.02	10.50	0.08	0.00	0.08
4.90	0.02	0.00	0.02	10.60	0.09	0.00	0.09
5.00	0.02	0.00	0.02	10.70	0.10	0.00	0.10
5.10	0.02	0.00	0.02	10.80	0.11	0.00	0.11
5.20	0.02	0.00	0.02	10.90	0.12	0.00	0.12
5.30	0.02	0.00	0.02	11.00	0.13	0.00	0.13
5.40	0.02	0.00	0.02	11.10	0.14	0.00	0.14
5.50	0.02	0.00	0.02	11.20	0.16	0.00	0.16
5.60	0.02	0.00	0.02	11.30	0.17	0.00	0.17

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	0.19	0.00	0.19	17.10	0.03	0.00	0.03
11.50	0.21	0.00	0.21	17.20	0.03	0.00	0.03
11.60	0.27	0.00	0.27	17.30	0.03	0.00	0.03
11.70	0.29	0.00	0.29	17.40	0.03	0.00	0.03
11.80	0.39	0.00	0.39	17.50	0.03	0.00	0.03
11.90	0.55	0.00	0.55	17.60	0.03	0.00	0.03
12.00	0.93	0.00	0.93	17.70	0.03	0.00	0.03
12.10	**1.49**	0.00	**1.49**	17.80	0.03	0.00	0.03
12.20	0.68	0.00	0.68	17.90	0.03	0.00	0.03
12.30	0.42	0.00	0.42	18.00	0.03	0.00	0.03
12.40	0.31	0.00	0.31	18.10	0.03	0.00	0.03
12.50	0.28	0.00	0.28	18.20	0.03	0.00	0.03
12.60	0.22	0.00	0.22	18.30	0.03	0.00	0.03
12.70	0.19	0.00	0.19	18.40	0.03	0.00	0.03
12.80	0.18	0.00	0.18	18.50	0.03	0.00	0.03
12.90	0.16	0.00	0.16	18.60	0.03	0.00	0.03
13.00	0.15	0.00	0.15	18.70	0.03	0.00	0.03
13.10	0.13	0.00	0.13	18.80	0.03	0.00	0.03
13.20	0.12	0.00	0.12	18.90	0.03	0.00	0.03
13.30	0.11	0.00	0.11	19.00	0.03	0.00	0.03
13.40	0.10	0.00	0.10	19.10	0.03	0.00	0.03
13.50	0.09	0.00	0.09	19.20	0.03	0.00	0.03
13.60	0.09	0.00	0.09	19.30	0.02	0.00	0.02
13.70	0.08	0.00	0.08	19.40	0.02	0.00	0.02
13.80	0.08	0.00	0.08	19.50	0.02	0.00	0.02
13.90	0.08	0.00	0.08	19.60	0.02	0.00	0.02
14.00	0.07	0.00	0.07	19.70	0.02	0.00	0.02
14.10	0.07	0.00	0.07	19.80	0.02	0.00	0.02
14.20	0.07	0.00	0.07	19.90	0.02	0.00	0.02
14.30	0.07	0.00	0.07	20.00	0.02	0.00	0.02
14.40	0.06	0.00	0.06	20.10	0.02	0.00	0.02
14.50	0.06	0.00	0.06	20.20	0.02	0.00	0.02
14.60	0.06	0.00	0.06	20.30	0.02	0.00	0.02
14.70	0.06	0.00	0.06	20.40	0.02	0.00	0.02
14.80	0.06	0.00	0.06	20.50	0.02	0.00	0.02
14.90	0.05	0.00	0.05	20.60	0.02	0.00	0.02
15.00	0.05	0.00	0.05	20.70	0.02	0.00	0.02
15.10	0.05	0.00	0.05	20.80	0.02	0.00	0.02
15.20	0.05	0.00	0.05	20.90	0.02	0.00	0.02
15.30	0.05	0.00	0.05	21.00	0.02	0.00	0.02
15.40	0.05	0.00	0.05	21.10	0.02	0.00	0.02
15.50	0.04	0.00	0.04	21.20	0.02	0.00	0.02
15.60	0.04	0.00	0.04	21.30	0.02	0.00	0.02
15.70	0.04	0.00	0.04	21.40	0.02	0.00	0.02
15.80	0.04	0.00	0.04	21.50	0.02	0.00	0.02
15.90	0.04	0.00	0.04	21.60	0.02	0.00	0.02
16.00	0.04	0.00	0.04	21.70	0.02	0.00	0.02
16.10	0.04	0.00	0.04	21.80	0.02	0.00	0.02
16.20	0.04	0.00	0.04	21.90	0.02	0.00	0.02
16.30	0.04	0.00	0.04	22.00	0.02	0.00	0.02
16.40	0.04	0.00	0.04	22.10	0.02	0.00	0.02
16.50	0.04	0.00	0.04	22.20	0.02	0.00	0.02
16.60	0.04	0.00	0.04	22.30	0.02	0.00	0.02
16.70	0.04	0.00	0.04	22.40	0.02	0.00	0.02
16.80	0.04	0.00	0.04	22.50	0.02	0.00	0.02
16.90	0.04	0.00	0.04	22.60	0.02	0.00	0.02
17.00	0.03	0.00	0.03	22.70	0.02	0.00	0.02

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.02	0.00	0.02	28.50	0.00	0.00	0.00
22.90	0.02	0.00	0.02	28.60	0.00	0.00	0.00
23.00	0.02	0.00	0.02	28.70	0.00	0.00	0.00
23.10	0.02	0.00	0.02	28.80	0.00	0.00	0.00
23.20	0.02	0.00	0.02	28.90	0.00	0.00	0.00
23.30	0.02	0.00	0.02	29.00	0.00	0.00	0.00
23.40	0.02	0.00	0.02	29.10	0.00	0.00	0.00
23.50	0.02	0.00	0.02	29.20	0.00	0.00	0.00
23.60	0.02	0.00	0.02	29.30	0.00	0.00	0.00
23.70	0.02	0.00	0.02	29.40	0.00	0.00	0.00
23.80	0.02	0.00	0.02	29.50	0.00	0.00	0.00
23.90	0.02	0.00	0.02	29.60	0.00	0.00	0.00
24.00	0.02	0.00	0.02	29.70	0.00	0.00	0.00
24.10	0.00	0.00	0.00	29.80	0.00	0.00	0.00
24.20	0.00	0.00	0.00	29.90	0.00	0.00	0.00
24.30	0.00	0.00	0.00	30.00	0.00	0.00	0.00
24.40	0.00	0.00	0.00	30.10	0.00	0.00	0.00
24.50	0.00	0.00	0.00	30.20	0.00	0.00	0.00
24.60	0.00	0.00	0.00	30.30	0.00	0.00	0.00
24.70	0.00	0.00	0.00	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

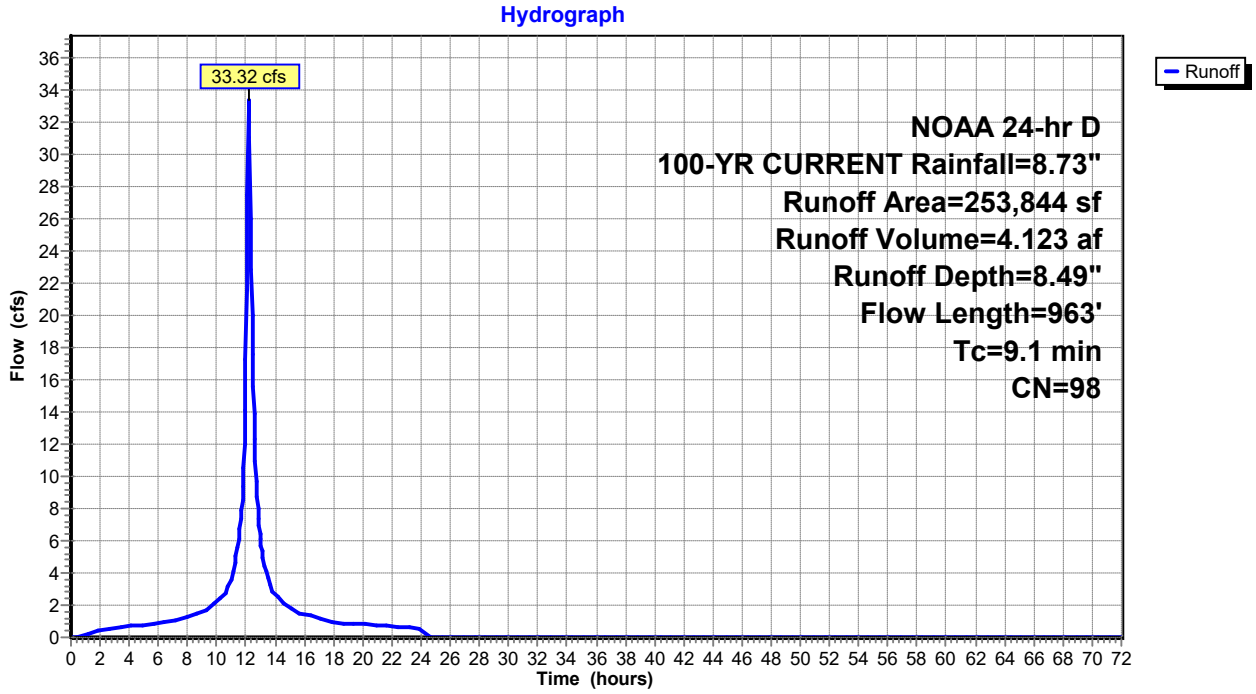
Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Subcatchment 1S: EDA 1-Impervious



Hydrograph for Subcatchment 1S: EDA 1-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.70	0.50	0.82
0.10	0.01	0.00	0.00	5.80	0.71	0.52	0.83
0.20	0.02	0.00	0.00	5.90	0.73	0.53	0.83
0.30	0.03	0.00	0.00	6.00	0.75	0.55	0.84
0.40	0.04	0.00	0.00	6.10	0.76	0.56	0.85
0.50	0.05	0.00	0.00	6.20	0.78	0.58	0.87
0.60	0.06	0.00	0.02	6.30	0.79	0.59	0.88
0.70	0.07	0.00	0.05	6.40	0.81	0.61	0.91
0.80	0.08	0.01	0.08	6.50	0.83	0.62	0.93
0.90	0.09	0.01	0.12	6.60	0.85	0.64	0.95
1.00	0.10	0.01	0.16	6.70	0.86	0.66	0.97
1.10	0.11	0.02	0.20	6.80	0.88	0.68	1.00
1.20	0.12	0.02	0.23	6.90	0.90	0.69	1.02
1.30	0.13	0.03	0.26	7.00	0.92	0.71	1.04
1.40	0.14	0.03	0.29	7.10	0.94	0.73	1.07
1.50	0.15	0.04	0.32	7.20	0.96	0.75	1.09
1.60	0.16	0.05	0.34	7.30	0.98	0.77	1.11
1.70	0.18	0.05	0.37	7.40	1.00	0.79	1.14
1.80	0.19	0.06	0.39	7.50	1.02	0.81	1.16
1.90	0.20	0.07	0.41	7.60	1.04	0.83	1.18
2.00	0.21	0.08	0.43	7.70	1.06	0.85	1.21
2.10	0.22	0.08	0.45	7.80	1.09	0.88	1.23
2.20	0.23	0.09	0.46	7.90	1.11	0.90	1.26
2.30	0.24	0.10	0.48	8.00	1.13	0.92	1.28
2.40	0.26	0.11	0.50	8.10	1.16	0.94	1.30
2.50	0.27	0.12	0.51	8.20	1.18	0.97	1.33
2.60	0.28	0.13	0.53	8.30	1.20	0.99	1.35
2.70	0.29	0.14	0.54	8.40	1.23	1.01	1.37
2.80	0.30	0.15	0.55	8.50	1.25	1.04	1.40
2.90	0.32	0.16	0.56	8.60	1.28	1.06	1.42
3.00	0.33	0.17	0.58	8.70	1.31	1.09	1.44
3.10	0.34	0.18	0.59	8.80	1.33	1.11	1.47
3.20	0.35	0.19	0.60	8.90	1.36	1.14	1.49
3.30	0.37	0.20	0.61	9.00	1.39	1.17	1.51
3.40	0.38	0.21	0.62	9.10	1.41	1.19	1.55
3.50	0.39	0.22	0.63	9.20	1.44	1.22	1.60
3.60	0.41	0.23	0.64	9.30	1.47	1.25	1.67
3.70	0.42	0.24	0.65	9.40	1.51	1.29	1.74
3.80	0.43	0.26	0.66	9.50	1.54	1.32	1.82
3.90	0.44	0.27	0.67	9.60	1.58	1.35	1.90
4.00	0.46	0.28	0.68	9.70	1.61	1.39	1.98
4.10	0.47	0.29	0.69	9.80	1.65	1.43	2.06
4.20	0.48	0.30	0.70	9.90	1.69	1.47	2.14
4.30	0.50	0.32	0.71	10.00	1.73	1.51	2.22
4.40	0.51	0.33	0.72	10.10	1.77	1.55	2.30
4.50	0.53	0.34	0.73	10.20	1.82	1.59	2.38
4.60	0.54	0.35	0.73	10.30	1.86	1.64	2.46
4.70	0.55	0.37	0.74	10.40	1.91	1.68	2.54
4.80	0.57	0.38	0.75	10.50	1.96	1.73	2.63
4.90	0.58	0.39	0.76	10.60	2.01	1.78	2.74
5.00	0.60	0.41	0.77	10.70	2.07	1.84	2.94
5.10	0.61	0.42	0.77	10.80	2.13	1.90	3.18
5.20	0.63	0.43	0.78	10.90	2.20	1.97	3.45
5.30	0.64	0.45	0.79	11.00	2.27	2.04	3.73
5.40	0.66	0.46	0.80	11.10	2.35	2.12	4.05
5.50	0.67	0.47	0.80	11.20	2.44	2.21	4.47
5.60	0.68	0.49	0.81	11.30	2.54	2.31	4.93

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	2.65	2.42	5.42	17.10	7.83	7.59	1.17
11.50	2.77	2.54	5.92	17.20	7.85	7.61	1.15
11.60	2.93	2.69	6.76	17.30	7.87	7.63	1.12
11.70	3.09	2.86	7.93	17.40	7.88	7.65	1.10
11.80	3.32	3.09	9.38	17.50	7.90	7.66	1.08
11.90	3.64	3.40	12.04	17.60	7.92	7.68	1.05
12.00	4.18	3.95	17.26	17.70	7.94	7.70	1.03
12.10	5.09	4.86	**27.44**	17.80	7.95	7.71	1.01
12.20	5.41	5.17	**32.64**	17.90	7.97	7.73	0.99
12.30	5.64	5.40	25.98	18.00	7.98	7.74	0.96
12.40	5.80	5.57	20.02	18.10	8.00	7.76	0.94
12.50	5.96	5.72	15.56	18.20	8.02	7.78	0.92
12.60	6.08	5.84	12.35	18.30	8.03	7.79	0.91
12.70	6.19	5.95	9.71	18.40	8.05	7.81	0.90
12.80	6.29	6.05	8.01	18.50	8.06	7.82	0.89
12.90	6.38	6.14	6.90	18.60	8.07	7.84	0.88
13.00	6.46	6.22	6.05	18.70	8.09	7.85	0.87
13.10	6.53	6.29	5.33	18.80	8.10	7.86	0.87
13.20	6.60	6.36	4.79	18.90	8.12	7.88	0.86
13.30	6.66	6.43	4.37	19.00	8.13	7.89	0.86
13.40	6.72	6.48	4.00	19.10	8.15	7.91	0.85
13.50	6.77	6.54	3.67	19.20	8.16	7.92	0.85
13.60	6.82	6.58	3.36	19.30	8.18	7.94	0.84
13.70	6.87	6.63	3.09	19.40	8.19	7.95	0.83
13.80	6.91	6.67	2.90	19.50	8.20	7.96	0.83
13.90	6.96	6.72	2.76	19.60	8.22	7.98	0.82
14.00	7.00	6.76	2.65	19.70	8.23	7.99	0.82
14.10	7.04	6.80	2.55	19.80	8.25	8.01	0.81
14.20	7.08	6.84	2.47	19.90	8.26	8.02	0.81
14.30	7.12	6.88	2.38	20.00	8.27	8.03	0.80
14.40	7.15	6.91	2.30	20.10	8.29	8.05	0.79
14.50	7.19	6.95	2.22	20.20	8.30	8.06	0.79
14.60	7.22	6.98	2.14	20.30	8.31	8.07	0.78
14.70	7.26	7.02	2.06	20.40	8.32	8.08	0.78
14.80	7.29	7.05	1.98	20.50	8.34	8.10	0.77
14.90	7.32	7.08	1.89	20.60	8.35	8.11	0.77
15.00	7.34	7.11	1.81	20.70	8.36	8.12	0.76
15.10	7.37	7.13	1.73	20.80	8.38	8.14	0.75
15.20	7.40	7.16	1.66	20.90	8.39	8.15	0.75
15.30	7.42	7.19	1.61	21.00	8.40	8.16	0.74
15.40	7.45	7.21	1.57	21.10	8.41	8.17	0.74
15.50	7.48	7.24	1.54	21.20	8.43	8.19	0.73
15.60	7.50	7.26	1.51	21.30	8.44	8.20	0.73
15.70	7.53	7.29	1.49	21.40	8.45	8.21	0.72
15.80	7.55	7.31	1.47	21.50	8.46	8.22	0.71
15.90	7.57	7.33	1.44	21.60	8.47	8.23	0.71
16.00	7.60	7.36	1.42	21.70	8.49	8.25	0.70
16.10	7.62	7.38	1.40	21.80	8.50	8.26	0.70
16.20	7.64	7.40	1.37	21.90	8.51	8.27	0.69
16.30	7.67	7.43	1.35	22.00	8.52	8.28	0.69
16.40	7.69	7.45	1.33	22.10	8.53	8.29	0.68
16.50	7.71	7.47	1.31	22.20	8.54	8.30	0.67
16.60	7.73	7.49	1.28	22.30	8.55	8.31	0.67
16.70	7.75	7.51	1.26	22.40	8.57	8.33	0.66
16.80	7.77	7.53	1.24	22.50	8.58	8.34	0.66
16.90	7.79	7.55	1.21	22.60	8.59	8.35	0.65
17.00	7.81	7.57	1.19	22.70	8.60	8.36	0.65

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	8.61	8.37	0.64	28.50	8.73	8.49	0.00
22.90	8.62	8.38	0.63	28.60	8.73	8.49	0.00
23.00	8.63	8.39	0.63	28.70	8.73	8.49	0.00
23.10	8.64	8.40	0.62	28.80	8.73	8.49	0.00
23.20	8.65	8.41	0.62	28.90	8.73	8.49	0.00
23.30	8.66	8.42	0.61	29.00	8.73	8.49	0.00
23.40	8.67	8.43	0.61	29.10	8.73	8.49	0.00
23.50	8.68	8.44	0.60	29.20	8.73	8.49	0.00
23.60	8.69	8.45	0.59	29.30	8.73	8.49	0.00
23.70	8.70	8.46	0.59	29.40	8.73	8.49	0.00
23.80	8.71	8.47	0.58	29.50	8.73	8.49	0.00
23.90	8.72	8.48	0.58	29.60	8.73	8.49	0.00
24.00	**8.73**	**8.49**	0.57	29.70	8.73	8.49	0.00
24.10	8.73	8.49	0.47	29.80	8.73	8.49	0.00
24.20	8.73	8.49	0.27	29.90	8.73	8.49	0.00
24.30	8.73	8.49	0.15	30.00	8.73	8.49	0.00
24.40	8.73	8.49	0.08	30.10	8.73	8.49	0.00
24.50	8.73	8.49	0.04	30.20	8.73	8.49	0.00
24.60	8.73	8.49	0.02	30.30	8.73	8.49	0.00
24.70	8.73	8.49	0.01	30.40	8.73	8.49	0.00
24.80	8.73	8.49	0.00	30.50	8.73	8.49	0.00
24.90	8.73	8.49	0.00	30.60	8.73	8.49	0.00
25.00	8.73	8.49	0.00	30.70	8.73	8.49	0.00
25.10	8.73	8.49	0.00	30.80	8.73	8.49	0.00
25.20	8.73	8.49	0.00	30.90	8.73	8.49	0.00
25.30	8.73	8.49	0.00	31.00	8.73	8.49	0.00
25.40	8.73	8.49	0.00	31.10	8.73	8.49	0.00
25.50	8.73	8.49	0.00	31.20	8.73	8.49	0.00
25.60	8.73	8.49	0.00	31.30	8.73	8.49	0.00
25.70	8.73	8.49	0.00	31.40	8.73	8.49	0.00
25.80	8.73	8.49	0.00	31.50	8.73	8.49	0.00
25.90	8.73	8.49	0.00	31.60	8.73	8.49	0.00
26.00	8.73	8.49	0.00	31.70	8.73	8.49	0.00
26.10	8.73	8.49	0.00	31.80	8.73	8.49	0.00
26.20	8.73	8.49	0.00	31.90	8.73	8.49	0.00
26.30	8.73	8.49	0.00	32.00	8.73	8.49	0.00
26.40	8.73	8.49	0.00	32.10	8.73	8.49	0.00
26.50	8.73	8.49	0.00	32.20	8.73	8.49	0.00
26.60	8.73	8.49	0.00	32.30	8.73	8.49	0.00
26.70	8.73	8.49	0.00	32.40	8.73	8.49	0.00
26.80	8.73	8.49	0.00	32.50	8.73	8.49	0.00
26.90	8.73	8.49	0.00	32.60	8.73	8.49	0.00
27.00	8.73	8.49	0.00	32.70	8.73	8.49	0.00
27.10	8.73	8.49	0.00	32.80	8.73	8.49	0.00
27.20	8.73	8.49	0.00	32.90	8.73	8.49	0.00
27.30	8.73	8.49	0.00	33.00	8.73	8.49	0.00
27.40	8.73	8.49	0.00	33.10	8.73	8.49	0.00
27.50	8.73	8.49	0.00	33.20	8.73	8.49	0.00
27.60	8.73	8.49	0.00	33.30	8.73	8.49	0.00
27.70	8.73	8.49	0.00	33.40	8.73	8.49	0.00
27.80	8.73	8.49	0.00	33.50	8.73	8.49	0.00
27.90	8.73	8.49	0.00	33.60	8.73	8.49	0.00
28.00	8.73	8.49	0.00	33.70	8.73	8.49	0.00
28.10	8.73	8.49	0.00	33.80	8.73	8.49	0.00
28.20	8.73	8.49	0.00	33.90	8.73	8.49	0.00
28.30	8.73	8.49	0.00	34.00	8.73	8.49	0.00
28.40	8.73	8.49	0.00	34.10	8.73	8.49	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	8.73	8.49	0.00	39.90	8.73	8.49	0.00
34.30	8.73	8.49	0.00	40.00	8.73	8.49	0.00
34.40	8.73	8.49	0.00	40.10	8.73	8.49	0.00
34.50	8.73	8.49	0.00	40.20	8.73	8.49	0.00
34.60	8.73	8.49	0.00	40.30	8.73	8.49	0.00
34.70	8.73	8.49	0.00	40.40	8.73	8.49	0.00
34.80	8.73	8.49	0.00	40.50	8.73	8.49	0.00
34.90	8.73	8.49	0.00	40.60	8.73	8.49	0.00
35.00	8.73	8.49	0.00	40.70	8.73	8.49	0.00
35.10	8.73	8.49	0.00	40.80	8.73	8.49	0.00
35.20	8.73	8.49	0.00	40.90	8.73	8.49	0.00
35.30	8.73	8.49	0.00	41.00	8.73	8.49	0.00
35.40	8.73	8.49	0.00	41.10	8.73	8.49	0.00
35.50	8.73	8.49	0.00	41.20	8.73	8.49	0.00
35.60	8.73	8.49	0.00	41.30	8.73	8.49	0.00
35.70	8.73	8.49	0.00	41.40	8.73	8.49	0.00
35.80	8.73	8.49	0.00	41.50	8.73	8.49	0.00
35.90	8.73	8.49	0.00	41.60	8.73	8.49	0.00
36.00	8.73	8.49	0.00	41.70	8.73	8.49	0.00
36.10	8.73	8.49	0.00	41.80	8.73	8.49	0.00
36.20	8.73	8.49	0.00	41.90	8.73	8.49	0.00
36.30	8.73	8.49	0.00	42.00	8.73	8.49	0.00
36.40	8.73	8.49	0.00	42.10	8.73	8.49	0.00
36.50	8.73	8.49	0.00	42.20	8.73	8.49	0.00
36.60	8.73	8.49	0.00	42.30	8.73	8.49	0.00
36.70	8.73	8.49	0.00	42.40	8.73	8.49	0.00
36.80	8.73	8.49	0.00	42.50	8.73	8.49	0.00
36.90	8.73	8.49	0.00	42.60	8.73	8.49	0.00
37.00	8.73	8.49	0.00	42.70	8.73	8.49	0.00
37.10	8.73	8.49	0.00	42.80	8.73	8.49	0.00
37.20	8.73	8.49	0.00	42.90	8.73	8.49	0.00
37.30	8.73	8.49	0.00	43.00	8.73	8.49	0.00
37.40	8.73	8.49	0.00	43.10	8.73	8.49	0.00
37.50	8.73	8.49	0.00	43.20	8.73	8.49	0.00
37.60	8.73	8.49	0.00	43.30	8.73	8.49	0.00
37.70	8.73	8.49	0.00	43.40	8.73	8.49	0.00
37.80	8.73	8.49	0.00	43.50	8.73	8.49	0.00
37.90	8.73	8.49	0.00	43.60	8.73	8.49	0.00
38.00	8.73	8.49	0.00	43.70	8.73	8.49	0.00
38.10	8.73	8.49	0.00	43.80	8.73	8.49	0.00
38.20	8.73	8.49	0.00	43.90	8.73	8.49	0.00
38.30	8.73	8.49	0.00	44.00	8.73	8.49	0.00
38.40	8.73	8.49	0.00	44.10	8.73	8.49	0.00
38.50	8.73	8.49	0.00	44.20	8.73	8.49	0.00
38.60	8.73	8.49	0.00	44.30	8.73	8.49	0.00
38.70	8.73	8.49	0.00	44.40	8.73	8.49	0.00
38.80	8.73	8.49	0.00	44.50	8.73	8.49	0.00
38.90	8.73	8.49	0.00	44.60	8.73	8.49	0.00
39.00	8.73	8.49	0.00	44.70	8.73	8.49	0.00
39.10	8.73	8.49	0.00	44.80	8.73	8.49	0.00
39.20	8.73	8.49	0.00	44.90	8.73	8.49	0.00
39.30	8.73	8.49	0.00	45.00	8.73	8.49	0.00
39.40	8.73	8.49	0.00	45.10	8.73	8.49	0.00
39.50	8.73	8.49	0.00	45.20	8.73	8.49	0.00
39.60	8.73	8.49	0.00	45.30	8.73	8.49	0.00
39.70	8.73	8.49	0.00	45.40	8.73	8.49	0.00
39.80	8.73	8.49	0.00	45.50	8.73	8.49	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	8.73	8.49	0.00	51.30	8.73	8.49	0.00
45.70	8.73	8.49	0.00	51.40	8.73	8.49	0.00
45.80	8.73	8.49	0.00	51.50	8.73	8.49	0.00
45.90	8.73	8.49	0.00	51.60	8.73	8.49	0.00
46.00	8.73	8.49	0.00	51.70	8.73	8.49	0.00
46.10	8.73	8.49	0.00	51.80	8.73	8.49	0.00
46.20	8.73	8.49	0.00	51.90	8.73	8.49	0.00
46.30	8.73	8.49	0.00	52.00	8.73	8.49	0.00
46.40	8.73	8.49	0.00	52.10	8.73	8.49	0.00
46.50	8.73	8.49	0.00	52.20	8.73	8.49	0.00
46.60	8.73	8.49	0.00	52.30	8.73	8.49	0.00
46.70	8.73	8.49	0.00	52.40	8.73	8.49	0.00
46.80	8.73	8.49	0.00	52.50	8.73	8.49	0.00
46.90	8.73	8.49	0.00	52.60	8.73	8.49	0.00
47.00	8.73	8.49	0.00	52.70	8.73	8.49	0.00
47.10	8.73	8.49	0.00	52.80	8.73	8.49	0.00
47.20	8.73	8.49	0.00	52.90	8.73	8.49	0.00
47.30	8.73	8.49	0.00	53.00	8.73	8.49	0.00
47.40	8.73	8.49	0.00	53.10	8.73	8.49	0.00
47.50	8.73	8.49	0.00	53.20	8.73	8.49	0.00
47.60	8.73	8.49	0.00	53.30	8.73	8.49	0.00
47.70	8.73	8.49	0.00	53.40	8.73	8.49	0.00
47.80	8.73	8.49	0.00	53.50	8.73	8.49	0.00
47.90	8.73	8.49	0.00	53.60	8.73	8.49	0.00
48.00	8.73	8.49	0.00	53.70	8.73	8.49	0.00
48.10	8.73	8.49	0.00	53.80	8.73	8.49	0.00
48.20	8.73	8.49	0.00	53.90	8.73	8.49	0.00
48.30	8.73	8.49	0.00	54.00	8.73	8.49	0.00
48.40	8.73	8.49	0.00	54.10	8.73	8.49	0.00
48.50	8.73	8.49	0.00	54.20	8.73	8.49	0.00
48.60	8.73	8.49	0.00	54.30	8.73	8.49	0.00
48.70	8.73	8.49	0.00	54.40	8.73	8.49	0.00
48.80	8.73	8.49	0.00	54.50	8.73	8.49	0.00
48.90	8.73	8.49	0.00	54.60	8.73	8.49	0.00
49.00	8.73	8.49	0.00	54.70	8.73	8.49	0.00
49.10	8.73	8.49	0.00	54.80	8.73	8.49	0.00
49.20	8.73	8.49	0.00	54.90	8.73	8.49	0.00
49.30	8.73	8.49	0.00	55.00	8.73	8.49	0.00
49.40	8.73	8.49	0.00	55.10	8.73	8.49	0.00
49.50	8.73	8.49	0.00	55.20	8.73	8.49	0.00
49.60	8.73	8.49	0.00	55.30	8.73	8.49	0.00
49.70	8.73	8.49	0.00	55.40	8.73	8.49	0.00
49.80	8.73	8.49	0.00	55.50	8.73	8.49	0.00
49.90	8.73	8.49	0.00	55.60	8.73	8.49	0.00
50.00	8.73	8.49	0.00	55.70	8.73	8.49	0.00
50.10	8.73	8.49	0.00	55.80	8.73	8.49	0.00
50.20	8.73	8.49	0.00	55.90	8.73	8.49	0.00
50.30	8.73	8.49	0.00	56.00	8.73	8.49	0.00
50.40	8.73	8.49	0.00	56.10	8.73	8.49	0.00
50.50	8.73	8.49	0.00	56.20	8.73	8.49	0.00
50.60	8.73	8.49	0.00	56.30	8.73	8.49	0.00
50.70	8.73	8.49	0.00	56.40	8.73	8.49	0.00
50.80	8.73	8.49	0.00	56.50	8.73	8.49	0.00
50.90	8.73	8.49	0.00	56.60	8.73	8.49	0.00
51.00	8.73	8.49	0.00	56.70	8.73	8.49	0.00
51.10	8.73	8.49	0.00	56.80	8.73	8.49	0.00
51.20	8.73	8.49	0.00	56.90	8.73	8.49	0.00

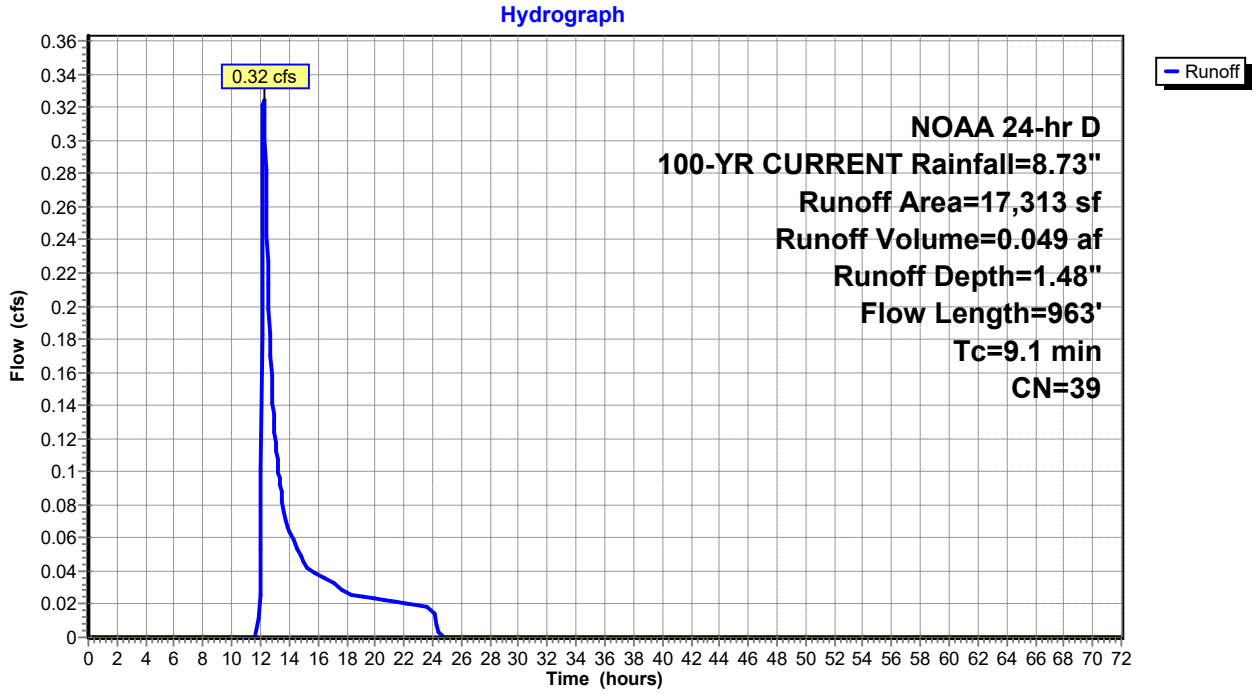
Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	8.73	8.49	0.00	62.70	8.73	8.49	0.00
57.10	8.73	8.49	0.00	62.80	8.73	8.49	0.00
57.20	8.73	8.49	0.00	62.90	8.73	8.49	0.00
57.30	8.73	8.49	0.00	63.00	8.73	8.49	0.00
57.40	8.73	8.49	0.00	63.10	8.73	8.49	0.00
57.50	8.73	8.49	0.00	63.20	8.73	8.49	0.00
57.60	8.73	8.49	0.00	63.30	8.73	8.49	0.00
57.70	8.73	8.49	0.00	63.40	8.73	8.49	0.00
57.80	8.73	8.49	0.00	63.50	8.73	8.49	0.00
57.90	8.73	8.49	0.00	63.60	8.73	8.49	0.00
58.00	8.73	8.49	0.00	63.70	8.73	8.49	0.00
58.10	8.73	8.49	0.00	63.80	8.73	8.49	0.00
58.20	8.73	8.49	0.00	63.90	8.73	8.49	0.00
58.30	8.73	8.49	0.00	64.00	8.73	8.49	0.00
58.40	8.73	8.49	0.00	64.10	8.73	8.49	0.00
58.50	8.73	8.49	0.00	64.20	8.73	8.49	0.00
58.60	8.73	8.49	0.00	64.30	8.73	8.49	0.00
58.70	8.73	8.49	0.00	64.40	8.73	8.49	0.00
58.80	8.73	8.49	0.00	64.50	8.73	8.49	0.00
58.90	8.73	8.49	0.00	64.60	8.73	8.49	0.00
59.00	8.73	8.49	0.00	64.70	8.73	8.49	0.00
59.10	8.73	8.49	0.00	64.80	8.73	8.49	0.00
59.20	8.73	8.49	0.00	64.90	8.73	8.49	0.00
59.30	8.73	8.49	0.00	65.00	8.73	8.49	0.00
59.40	8.73	8.49	0.00	65.10	8.73	8.49	0.00
59.50	8.73	8.49	0.00	65.20	8.73	8.49	0.00
59.60	8.73	8.49	0.00	65.30	8.73	8.49	0.00
59.70	8.73	8.49	0.00	65.40	8.73	8.49	0.00
59.80	8.73	8.49	0.00	65.50	8.73	8.49	0.00
59.90	8.73	8.49	0.00	65.60	8.73	8.49	0.00
60.00	8.73	8.49	0.00	65.70	8.73	8.49	0.00
60.10	8.73	8.49	0.00	65.80	8.73	8.49	0.00
60.20	8.73	8.49	0.00	65.90	8.73	8.49	0.00
60.30	8.73	8.49	0.00	66.00	8.73	8.49	0.00
60.40	8.73	8.49	0.00	66.10	8.73	8.49	0.00
60.50	8.73	8.49	0.00	66.20	8.73	8.49	0.00
60.60	8.73	8.49	0.00	66.30	8.73	8.49	0.00
60.70	8.73	8.49	0.00	66.40	8.73	8.49	0.00
60.80	8.73	8.49	0.00	66.50	8.73	8.49	0.00
60.90	8.73	8.49	0.00	66.60	8.73	8.49	0.00
61.00	8.73	8.49	0.00	66.70	8.73	8.49	0.00
61.10	8.73	8.49	0.00	66.80	8.73	8.49	0.00
61.20	8.73	8.49	0.00	66.90	8.73	8.49	0.00
61.30	8.73	8.49	0.00	67.00	8.73	8.49	0.00
61.40	8.73	8.49	0.00	67.10	8.73	8.49	0.00
61.50	8.73	8.49	0.00	67.20	8.73	8.49	0.00
61.60	8.73	8.49	0.00	67.30	8.73	8.49	0.00
61.70	8.73	8.49	0.00	67.40	8.73	8.49	0.00
61.80	8.73	8.49	0.00	67.50	8.73	8.49	0.00
61.90	8.73	8.49	0.00	67.60	8.73	8.49	0.00
62.00	8.73	8.49	0.00	67.70	8.73	8.49	0.00
62.10	8.73	8.49	0.00	67.80	8.73	8.49	0.00
62.20	8.73	8.49	0.00	67.90	8.73	8.49	0.00
62.30	8.73	8.49	0.00	68.00	8.73	8.49	0.00
62.40	8.73	8.49	0.00	68.10	8.73	8.49	0.00
62.50	8.73	8.49	0.00	68.20	8.73	8.49	0.00
62.60	8.73	8.49	0.00	68.30	8.73	8.49	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	8.73	8.49	0.00
68.50	8.73	8.49	0.00
68.60	8.73	8.49	0.00
68.70	8.73	8.49	0.00
68.80	8.73	8.49	0.00
68.90	8.73	8.49	0.00
69.00	8.73	8.49	0.00
69.10	8.73	8.49	0.00
69.20	8.73	8.49	0.00
69.30	8.73	8.49	0.00
69.40	8.73	8.49	0.00
69.50	8.73	8.49	0.00
69.60	8.73	8.49	0.00
69.70	8.73	8.49	0.00
69.80	8.73	8.49	0.00
69.90	8.73	8.49	0.00
70.00	8.73	8.49	0.00
70.10	8.73	8.49	0.00
70.20	8.73	8.49	0.00
70.30	8.73	8.49	0.00
70.40	8.73	8.49	0.00
70.50	8.73	8.49	0.00
70.60	8.73	8.49	0.00
70.70	8.73	8.49	0.00
70.80	8.73	8.49	0.00
70.90	8.73	8.49	0.00
71.00	8.73	8.49	0.00
71.10	8.73	8.49	0.00
71.20	8.73	8.49	0.00
71.30	8.73	8.49	0.00
71.40	8.73	8.49	0.00
71.50	8.73	8.49	0.00
71.60	8.73	8.49	0.00
71.70	8.73	8.49	0.00
71.80	8.73	8.49	0.00
71.90	8.73	8.49	0.00
72.00	8.73	8.49	0.00

Subcatchment 2S: EDA 1-Pervious



Hydrograph for Subcatchment 2S: EDA 1-Pervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.70	0.00	0.00
0.10	0.01	0.00	0.00	5.80	0.71	0.00	0.00
0.20	0.02	0.00	0.00	5.90	0.73	0.00	0.00
0.30	0.03	0.00	0.00	6.00	0.75	0.00	0.00
0.40	0.04	0.00	0.00	6.10	0.76	0.00	0.00
0.50	0.05	0.00	0.00	6.20	0.78	0.00	0.00
0.60	0.06	0.00	0.00	6.30	0.79	0.00	0.00
0.70	0.07	0.00	0.00	6.40	0.81	0.00	0.00
0.80	0.08	0.00	0.00	6.50	0.83	0.00	0.00
0.90	0.09	0.00	0.00	6.60	0.85	0.00	0.00
1.00	0.10	0.00	0.00	6.70	0.86	0.00	0.00
1.10	0.11	0.00	0.00	6.80	0.88	0.00	0.00
1.20	0.12	0.00	0.00	6.90	0.90	0.00	0.00
1.30	0.13	0.00	0.00	7.00	0.92	0.00	0.00
1.40	0.14	0.00	0.00	7.10	0.94	0.00	0.00
1.50	0.15	0.00	0.00	7.20	0.96	0.00	0.00
1.60	0.16	0.00	0.00	7.30	0.98	0.00	0.00
1.70	0.18	0.00	0.00	7.40	1.00	0.00	0.00
1.80	0.19	0.00	0.00	7.50	1.02	0.00	0.00
1.90	0.20	0.00	0.00	7.60	1.04	0.00	0.00
2.00	0.21	0.00	0.00	7.70	1.06	0.00	0.00
2.10	0.22	0.00	0.00	7.80	1.09	0.00	0.00
2.20	0.23	0.00	0.00	7.90	1.11	0.00	0.00
2.30	0.24	0.00	0.00	8.00	1.13	0.00	0.00
2.40	0.26	0.00	0.00	8.10	1.16	0.00	0.00
2.50	0.27	0.00	0.00	8.20	1.18	0.00	0.00
2.60	0.28	0.00	0.00	8.30	1.20	0.00	0.00
2.70	0.29	0.00	0.00	8.40	1.23	0.00	0.00
2.80	0.30	0.00	0.00	8.50	1.25	0.00	0.00
2.90	0.32	0.00	0.00	8.60	1.28	0.00	0.00
3.00	0.33	0.00	0.00	8.70	1.31	0.00	0.00
3.10	0.34	0.00	0.00	8.80	1.33	0.00	0.00
3.20	0.35	0.00	0.00	8.90	1.36	0.00	0.00
3.30	0.37	0.00	0.00	9.00	1.39	0.00	0.00
3.40	0.38	0.00	0.00	9.10	1.41	0.00	0.00
3.50	0.39	0.00	0.00	9.20	1.44	0.00	0.00
3.60	0.41	0.00	0.00	9.30	1.47	0.00	0.00
3.70	0.42	0.00	0.00	9.40	1.51	0.00	0.00
3.80	0.43	0.00	0.00	9.50	1.54	0.00	0.00
3.90	0.44	0.00	0.00	9.60	1.58	0.00	0.00
4.00	0.46	0.00	0.00	9.70	1.61	0.00	0.00
4.10	0.47	0.00	0.00	9.80	1.65	0.00	0.00
4.20	0.48	0.00	0.00	9.90	1.69	0.00	0.00
4.30	0.50	0.00	0.00	10.00	1.73	0.00	0.00
4.40	0.51	0.00	0.00	10.10	1.77	0.00	0.00
4.50	0.53	0.00	0.00	10.20	1.82	0.00	0.00
4.60	0.54	0.00	0.00	10.30	1.86	0.00	0.00
4.70	0.55	0.00	0.00	10.40	1.91	0.00	0.00
4.80	0.57	0.00	0.00	10.50	1.96	0.00	0.00
4.90	0.58	0.00	0.00	10.60	2.01	0.00	0.00
5.00	0.60	0.00	0.00	10.70	2.07	0.00	0.00
5.10	0.61	0.00	0.00	10.80	2.13	0.00	0.00
5.20	0.63	0.00	0.00	10.90	2.20	0.00	0.00
5.30	0.64	0.00	0.00	11.00	2.27	0.00	0.00
5.40	0.66	0.00	0.00	11.10	2.35	0.00	0.00
5.50	0.67	0.00	0.00	11.20	2.44	0.00	0.00
5.60	0.68	0.00	0.00	11.30	2.54	0.00	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	2.65	0.00	0.00	17.10	7.83	1.09	0.03
11.50	2.77	0.00	0.00	17.20	7.85	1.09	0.03
11.60	2.93	0.00	0.00	17.30	7.87	1.10	0.03
11.70	3.09	0.00	0.00	17.40	7.88	1.11	0.03
11.80	3.32	0.00	0.00	17.50	7.90	1.12	0.03
11.90	3.64	0.02	0.01	17.60	7.92	1.12	0.03
12.00	4.18	0.07	0.05	17.70	7.94	1.13	0.03
12.10	5.09	0.22	0.18	17.80	7.95	1.14	0.03
12.20	5.41	0.29	**0.32**	17.90	7.97	1.14	0.03
12.30	5.64	0.35	0.30	18.00	7.98	1.15	0.03
12.40	5.80	0.39	0.26	18.10	8.00	1.16	0.03
12.50	5.96	0.43	0.23	18.20	8.02	1.16	0.03
12.60	6.08	0.47	0.20	18.30	8.03	1.17	0.03
12.70	6.19	0.50	0.17	18.40	8.05	1.18	0.03
12.80	6.29	0.53	0.15	18.50	8.06	1.18	0.03
12.90	6.38	0.56	0.13	18.60	8.07	1.19	0.03
13.00	6.46	0.59	0.12	18.70	8.09	1.19	0.03
13.10	6.53	0.61	0.11	18.80	8.10	1.20	0.03
13.20	6.60	0.63	0.10	18.90	8.12	1.21	0.02
13.30	6.66	0.65	0.10	19.00	8.13	1.21	0.02
13.40	6.72	0.67	0.09	19.10	8.15	1.22	0.02
13.50	6.77	0.69	0.08	19.20	8.16	1.23	0.02
13.60	6.82	0.71	0.08	19.30	8.18	1.23	0.02
13.70	6.87	0.72	0.07	19.40	8.19	1.24	0.02
13.80	6.91	0.74	0.07	19.50	8.20	1.24	0.02
13.90	6.96	0.75	0.07	19.60	8.22	1.25	0.02
14.00	7.00	0.77	0.06	19.70	8.23	1.26	0.02
14.10	7.04	0.78	0.06	19.80	8.25	1.26	0.02
14.20	7.08	0.80	0.06	19.90	8.26	1.27	0.02
14.30	7.12	0.81	0.06	20.00	8.27	1.27	0.02
14.40	7.15	0.82	0.06	20.10	8.29	1.28	0.02
14.50	7.19	0.84	0.06	20.20	8.30	1.28	0.02
14.60	7.22	0.85	0.05	20.30	8.31	1.29	0.02
14.70	7.26	0.86	0.05	20.40	8.32	1.30	0.02
14.80	7.29	0.87	0.05	20.50	8.34	1.30	0.02
14.90	7.32	0.88	0.05	20.60	8.35	1.31	0.02
15.00	7.34	0.90	0.05	20.70	8.36	1.31	0.02
15.10	7.37	0.91	0.04	20.80	8.38	1.32	0.02
15.20	7.40	0.92	0.04	20.90	8.39	1.32	0.02
15.30	7.42	0.93	0.04	21.00	8.40	1.33	0.02
15.40	7.45	0.94	0.04	21.10	8.41	1.33	0.02
15.50	7.48	0.95	0.04	21.20	8.43	1.34	0.02
15.60	7.50	0.96	0.04	21.30	8.44	1.35	0.02
15.70	7.53	0.97	0.04	21.40	8.45	1.35	0.02
15.80	7.55	0.97	0.04	21.50	8.46	1.36	0.02
15.90	7.57	0.98	0.04	21.60	8.47	1.36	0.02
16.00	7.60	0.99	0.04	21.70	8.49	1.37	0.02
16.10	7.62	1.00	0.04	21.80	8.50	1.37	0.02
16.20	7.64	1.01	0.04	21.90	8.51	1.38	0.02
16.30	7.67	1.02	0.04	22.00	8.52	1.38	0.02
16.40	7.69	1.03	0.04	22.10	8.53	1.39	0.02
16.50	7.71	1.04	0.04	22.20	8.54	1.39	0.02
16.60	7.73	1.05	0.03	22.30	8.55	1.40	0.02
16.70	7.75	1.05	0.03	22.40	8.57	1.40	0.02
16.80	7.77	1.06	0.03	22.50	8.58	1.41	0.02
16.90	7.79	1.07	0.03	22.60	8.59	1.41	0.02
17.00	7.81	1.08	0.03	22.70	8.60	1.42	0.02

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	8.61	1.42	0.02	28.50	8.73	1.48	0.00
22.90	8.62	1.43	0.02	28.60	8.73	1.48	0.00
23.00	8.63	1.43	0.02	28.70	8.73	1.48	0.00
23.10	8.64	1.44	0.02	28.80	8.73	1.48	0.00
23.20	8.65	1.44	0.02	28.90	8.73	1.48	0.00
23.30	8.66	1.45	0.02	29.00	8.73	1.48	0.00
23.40	8.67	1.45	0.02	29.10	8.73	1.48	0.00
23.50	8.68	1.45	0.02	29.20	8.73	1.48	0.00
23.60	8.69	1.46	0.02	29.30	8.73	1.48	0.00
23.70	8.70	1.46	0.02	29.40	8.73	1.48	0.00
23.80	8.71	1.47	0.02	29.50	8.73	1.48	0.00
23.90	8.72	1.47	0.02	29.60	8.73	1.48	0.00
24.00	**8.73**	**1.48**	0.02	29.70	8.73	1.48	0.00
24.10	8.73	1.48	0.01	29.80	8.73	1.48	0.00
24.20	8.73	1.48	0.01	29.90	8.73	1.48	0.00
24.30	8.73	1.48	0.00	30.00	8.73	1.48	0.00
24.40	8.73	1.48	0.00	30.10	8.73	1.48	0.00
24.50	8.73	1.48	0.00	30.20	8.73	1.48	0.00
24.60	8.73	1.48	0.00	30.30	8.73	1.48	0.00
24.70	8.73	1.48	0.00	30.40	8.73	1.48	0.00
24.80	8.73	1.48	0.00	30.50	8.73	1.48	0.00
24.90	8.73	1.48	0.00	30.60	8.73	1.48	0.00
25.00	8.73	1.48	0.00	30.70	8.73	1.48	0.00
25.10	8.73	1.48	0.00	30.80	8.73	1.48	0.00
25.20	8.73	1.48	0.00	30.90	8.73	1.48	0.00
25.30	8.73	1.48	0.00	31.00	8.73	1.48	0.00
25.40	8.73	1.48	0.00	31.10	8.73	1.48	0.00
25.50	8.73	1.48	0.00	31.20	8.73	1.48	0.00
25.60	8.73	1.48	0.00	31.30	8.73	1.48	0.00
25.70	8.73	1.48	0.00	31.40	8.73	1.48	0.00
25.80	8.73	1.48	0.00	31.50	8.73	1.48	0.00
25.90	8.73	1.48	0.00	31.60	8.73	1.48	0.00
26.00	8.73	1.48	0.00	31.70	8.73	1.48	0.00
26.10	8.73	1.48	0.00	31.80	8.73	1.48	0.00
26.20	8.73	1.48	0.00	31.90	8.73	1.48	0.00
26.30	8.73	1.48	0.00	32.00	8.73	1.48	0.00
26.40	8.73	1.48	0.00	32.10	8.73	1.48	0.00
26.50	8.73	1.48	0.00	32.20	8.73	1.48	0.00
26.60	8.73	1.48	0.00	32.30	8.73	1.48	0.00
26.70	8.73	1.48	0.00	32.40	8.73	1.48	0.00
26.80	8.73	1.48	0.00	32.50	8.73	1.48	0.00
26.90	8.73	1.48	0.00	32.60	8.73	1.48	0.00
27.00	8.73	1.48	0.00	32.70	8.73	1.48	0.00
27.10	8.73	1.48	0.00	32.80	8.73	1.48	0.00
27.20	8.73	1.48	0.00	32.90	8.73	1.48	0.00
27.30	8.73	1.48	0.00	33.00	8.73	1.48	0.00
27.40	8.73	1.48	0.00	33.10	8.73	1.48	0.00
27.50	8.73	1.48	0.00	33.20	8.73	1.48	0.00
27.60	8.73	1.48	0.00	33.30	8.73	1.48	0.00
27.70	8.73	1.48	0.00	33.40	8.73	1.48	0.00
27.80	8.73	1.48	0.00	33.50	8.73	1.48	0.00
27.90	8.73	1.48	0.00	33.60	8.73	1.48	0.00
28.00	8.73	1.48	0.00	33.70	8.73	1.48	0.00
28.10	8.73	1.48	0.00	33.80	8.73	1.48	0.00
28.20	8.73	1.48	0.00	33.90	8.73	1.48	0.00
28.30	8.73	1.48	0.00	34.00	8.73	1.48	0.00
28.40	8.73	1.48	0.00	34.10	8.73	1.48	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	8.73	1.48	0.00	39.90	8.73	1.48	0.00
34.30	8.73	1.48	0.00	40.00	8.73	1.48	0.00
34.40	8.73	1.48	0.00	40.10	8.73	1.48	0.00
34.50	8.73	1.48	0.00	40.20	8.73	1.48	0.00
34.60	8.73	1.48	0.00	40.30	8.73	1.48	0.00
34.70	8.73	1.48	0.00	40.40	8.73	1.48	0.00
34.80	8.73	1.48	0.00	40.50	8.73	1.48	0.00
34.90	8.73	1.48	0.00	40.60	8.73	1.48	0.00
35.00	8.73	1.48	0.00	40.70	8.73	1.48	0.00
35.10	8.73	1.48	0.00	40.80	8.73	1.48	0.00
35.20	8.73	1.48	0.00	40.90	8.73	1.48	0.00
35.30	8.73	1.48	0.00	41.00	8.73	1.48	0.00
35.40	8.73	1.48	0.00	41.10	8.73	1.48	0.00
35.50	8.73	1.48	0.00	41.20	8.73	1.48	0.00
35.60	8.73	1.48	0.00	41.30	8.73	1.48	0.00
35.70	8.73	1.48	0.00	41.40	8.73	1.48	0.00
35.80	8.73	1.48	0.00	41.50	8.73	1.48	0.00
35.90	8.73	1.48	0.00	41.60	8.73	1.48	0.00
36.00	8.73	1.48	0.00	41.70	8.73	1.48	0.00
36.10	8.73	1.48	0.00	41.80	8.73	1.48	0.00
36.20	8.73	1.48	0.00	41.90	8.73	1.48	0.00
36.30	8.73	1.48	0.00	42.00	8.73	1.48	0.00
36.40	8.73	1.48	0.00	42.10	8.73	1.48	0.00
36.50	8.73	1.48	0.00	42.20	8.73	1.48	0.00
36.60	8.73	1.48	0.00	42.30	8.73	1.48	0.00
36.70	8.73	1.48	0.00	42.40	8.73	1.48	0.00
36.80	8.73	1.48	0.00	42.50	8.73	1.48	0.00
36.90	8.73	1.48	0.00	42.60	8.73	1.48	0.00
37.00	8.73	1.48	0.00	42.70	8.73	1.48	0.00
37.10	8.73	1.48	0.00	42.80	8.73	1.48	0.00
37.20	8.73	1.48	0.00	42.90	8.73	1.48	0.00
37.30	8.73	1.48	0.00	43.00	8.73	1.48	0.00
37.40	8.73	1.48	0.00	43.10	8.73	1.48	0.00
37.50	8.73	1.48	0.00	43.20	8.73	1.48	0.00
37.60	8.73	1.48	0.00	43.30	8.73	1.48	0.00
37.70	8.73	1.48	0.00	43.40	8.73	1.48	0.00
37.80	8.73	1.48	0.00	43.50	8.73	1.48	0.00
37.90	8.73	1.48	0.00	43.60	8.73	1.48	0.00
38.00	8.73	1.48	0.00	43.70	8.73	1.48	0.00
38.10	8.73	1.48	0.00	43.80	8.73	1.48	0.00
38.20	8.73	1.48	0.00	43.90	8.73	1.48	0.00
38.30	8.73	1.48	0.00	44.00	8.73	1.48	0.00
38.40	8.73	1.48	0.00	44.10	8.73	1.48	0.00
38.50	8.73	1.48	0.00	44.20	8.73	1.48	0.00
38.60	8.73	1.48	0.00	44.30	8.73	1.48	0.00
38.70	8.73	1.48	0.00	44.40	8.73	1.48	0.00
38.80	8.73	1.48	0.00	44.50	8.73	1.48	0.00
38.90	8.73	1.48	0.00	44.60	8.73	1.48	0.00
39.00	8.73	1.48	0.00	44.70	8.73	1.48	0.00
39.10	8.73	1.48	0.00	44.80	8.73	1.48	0.00
39.20	8.73	1.48	0.00	44.90	8.73	1.48	0.00
39.30	8.73	1.48	0.00	45.00	8.73	1.48	0.00
39.40	8.73	1.48	0.00	45.10	8.73	1.48	0.00
39.50	8.73	1.48	0.00	45.20	8.73	1.48	0.00
39.60	8.73	1.48	0.00	45.30	8.73	1.48	0.00
39.70	8.73	1.48	0.00	45.40	8.73	1.48	0.00
39.80	8.73	1.48	0.00	45.50	8.73	1.48	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	8.73	1.48	0.00	51.30	8.73	1.48	0.00
45.70	8.73	1.48	0.00	51.40	8.73	1.48	0.00
45.80	8.73	1.48	0.00	51.50	8.73	1.48	0.00
45.90	8.73	1.48	0.00	51.60	8.73	1.48	0.00
46.00	8.73	1.48	0.00	51.70	8.73	1.48	0.00
46.10	8.73	1.48	0.00	51.80	8.73	1.48	0.00
46.20	8.73	1.48	0.00	51.90	8.73	1.48	0.00
46.30	8.73	1.48	0.00	52.00	8.73	1.48	0.00
46.40	8.73	1.48	0.00	52.10	8.73	1.48	0.00
46.50	8.73	1.48	0.00	52.20	8.73	1.48	0.00
46.60	8.73	1.48	0.00	52.30	8.73	1.48	0.00
46.70	8.73	1.48	0.00	52.40	8.73	1.48	0.00
46.80	8.73	1.48	0.00	52.50	8.73	1.48	0.00
46.90	8.73	1.48	0.00	52.60	8.73	1.48	0.00
47.00	8.73	1.48	0.00	52.70	8.73	1.48	0.00
47.10	8.73	1.48	0.00	52.80	8.73	1.48	0.00
47.20	8.73	1.48	0.00	52.90	8.73	1.48	0.00
47.30	8.73	1.48	0.00	53.00	8.73	1.48	0.00
47.40	8.73	1.48	0.00	53.10	8.73	1.48	0.00
47.50	8.73	1.48	0.00	53.20	8.73	1.48	0.00
47.60	8.73	1.48	0.00	53.30	8.73	1.48	0.00
47.70	8.73	1.48	0.00	53.40	8.73	1.48	0.00
47.80	8.73	1.48	0.00	53.50	8.73	1.48	0.00
47.90	8.73	1.48	0.00	53.60	8.73	1.48	0.00
48.00	8.73	1.48	0.00	53.70	8.73	1.48	0.00
48.10	8.73	1.48	0.00	53.80	8.73	1.48	0.00
48.20	8.73	1.48	0.00	53.90	8.73	1.48	0.00
48.30	8.73	1.48	0.00	54.00	8.73	1.48	0.00
48.40	8.73	1.48	0.00	54.10	8.73	1.48	0.00
48.50	8.73	1.48	0.00	54.20	8.73	1.48	0.00
48.60	8.73	1.48	0.00	54.30	8.73	1.48	0.00
48.70	8.73	1.48	0.00	54.40	8.73	1.48	0.00
48.80	8.73	1.48	0.00	54.50	8.73	1.48	0.00
48.90	8.73	1.48	0.00	54.60	8.73	1.48	0.00
49.00	8.73	1.48	0.00	54.70	8.73	1.48	0.00
49.10	8.73	1.48	0.00	54.80	8.73	1.48	0.00
49.20	8.73	1.48	0.00	54.90	8.73	1.48	0.00
49.30	8.73	1.48	0.00	55.00	8.73	1.48	0.00
49.40	8.73	1.48	0.00	55.10	8.73	1.48	0.00
49.50	8.73	1.48	0.00	55.20	8.73	1.48	0.00
49.60	8.73	1.48	0.00	55.30	8.73	1.48	0.00
49.70	8.73	1.48	0.00	55.40	8.73	1.48	0.00
49.80	8.73	1.48	0.00	55.50	8.73	1.48	0.00
49.90	8.73	1.48	0.00	55.60	8.73	1.48	0.00
50.00	8.73	1.48	0.00	55.70	8.73	1.48	0.00
50.10	8.73	1.48	0.00	55.80	8.73	1.48	0.00
50.20	8.73	1.48	0.00	55.90	8.73	1.48	0.00
50.30	8.73	1.48	0.00	56.00	8.73	1.48	0.00
50.40	8.73	1.48	0.00	56.10	8.73	1.48	0.00
50.50	8.73	1.48	0.00	56.20	8.73	1.48	0.00
50.60	8.73	1.48	0.00	56.30	8.73	1.48	0.00
50.70	8.73	1.48	0.00	56.40	8.73	1.48	0.00
50.80	8.73	1.48	0.00	56.50	8.73	1.48	0.00
50.90	8.73	1.48	0.00	56.60	8.73	1.48	0.00
51.00	8.73	1.48	0.00	56.70	8.73	1.48	0.00
51.10	8.73	1.48	0.00	56.80	8.73	1.48	0.00
51.20	8.73	1.48	0.00	56.90	8.73	1.48	0.00

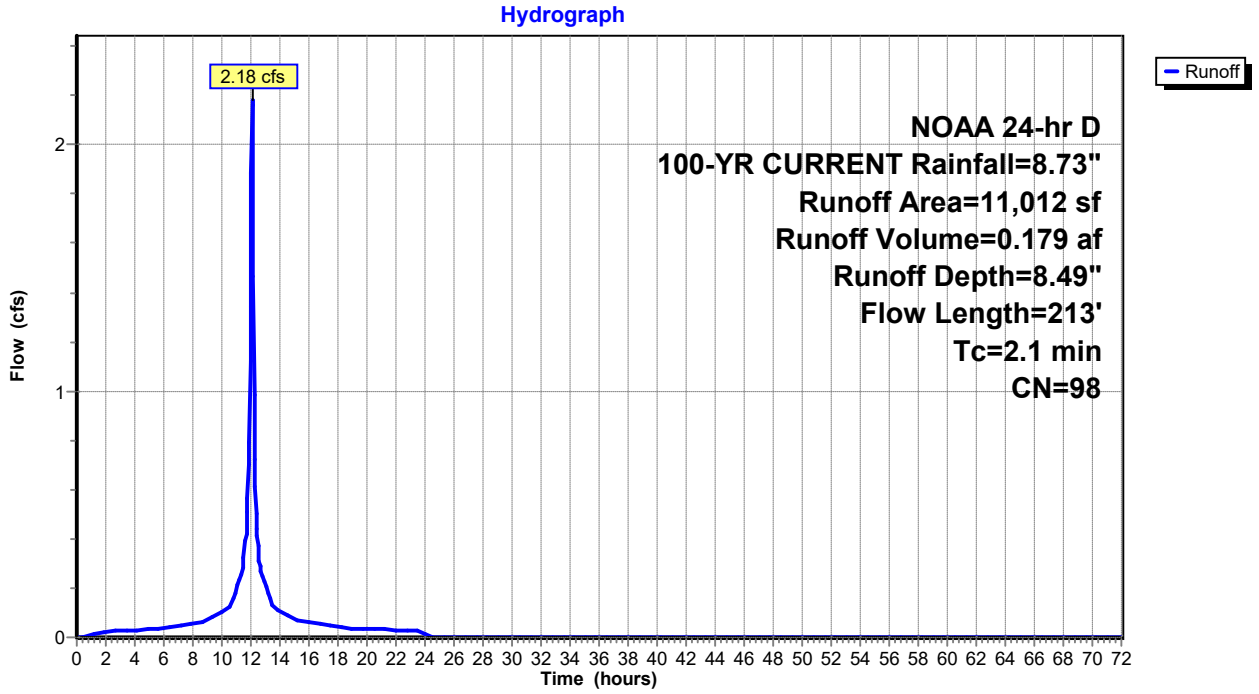
Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	8.73	1.48	0.00	62.70	8.73	1.48	0.00
57.10	8.73	1.48	0.00	62.80	8.73	1.48	0.00
57.20	8.73	1.48	0.00	62.90	8.73	1.48	0.00
57.30	8.73	1.48	0.00	63.00	8.73	1.48	0.00
57.40	8.73	1.48	0.00	63.10	8.73	1.48	0.00
57.50	8.73	1.48	0.00	63.20	8.73	1.48	0.00
57.60	8.73	1.48	0.00	63.30	8.73	1.48	0.00
57.70	8.73	1.48	0.00	63.40	8.73	1.48	0.00
57.80	8.73	1.48	0.00	63.50	8.73	1.48	0.00
57.90	8.73	1.48	0.00	63.60	8.73	1.48	0.00
58.00	8.73	1.48	0.00	63.70	8.73	1.48	0.00
58.10	8.73	1.48	0.00	63.80	8.73	1.48	0.00
58.20	8.73	1.48	0.00	63.90	8.73	1.48	0.00
58.30	8.73	1.48	0.00	64.00	8.73	1.48	0.00
58.40	8.73	1.48	0.00	64.10	8.73	1.48	0.00
58.50	8.73	1.48	0.00	64.20	8.73	1.48	0.00
58.60	8.73	1.48	0.00	64.30	8.73	1.48	0.00
58.70	8.73	1.48	0.00	64.40	8.73	1.48	0.00
58.80	8.73	1.48	0.00	64.50	8.73	1.48	0.00
58.90	8.73	1.48	0.00	64.60	8.73	1.48	0.00
59.00	8.73	1.48	0.00	64.70	8.73	1.48	0.00
59.10	8.73	1.48	0.00	64.80	8.73	1.48	0.00
59.20	8.73	1.48	0.00	64.90	8.73	1.48	0.00
59.30	8.73	1.48	0.00	65.00	8.73	1.48	0.00
59.40	8.73	1.48	0.00	65.10	8.73	1.48	0.00
59.50	8.73	1.48	0.00	65.20	8.73	1.48	0.00
59.60	8.73	1.48	0.00	65.30	8.73	1.48	0.00
59.70	8.73	1.48	0.00	65.40	8.73	1.48	0.00
59.80	8.73	1.48	0.00	65.50	8.73	1.48	0.00
59.90	8.73	1.48	0.00	65.60	8.73	1.48	0.00
60.00	8.73	1.48	0.00	65.70	8.73	1.48	0.00
60.10	8.73	1.48	0.00	65.80	8.73	1.48	0.00
60.20	8.73	1.48	0.00	65.90	8.73	1.48	0.00
60.30	8.73	1.48	0.00	66.00	8.73	1.48	0.00
60.40	8.73	1.48	0.00	66.10	8.73	1.48	0.00
60.50	8.73	1.48	0.00	66.20	8.73	1.48	0.00
60.60	8.73	1.48	0.00	66.30	8.73	1.48	0.00
60.70	8.73	1.48	0.00	66.40	8.73	1.48	0.00
60.80	8.73	1.48	0.00	66.50	8.73	1.48	0.00
60.90	8.73	1.48	0.00	66.60	8.73	1.48	0.00
61.00	8.73	1.48	0.00	66.70	8.73	1.48	0.00
61.10	8.73	1.48	0.00	66.80	8.73	1.48	0.00
61.20	8.73	1.48	0.00	66.90	8.73	1.48	0.00
61.30	8.73	1.48	0.00	67.00	8.73	1.48	0.00
61.40	8.73	1.48	0.00	67.10	8.73	1.48	0.00
61.50	8.73	1.48	0.00	67.20	8.73	1.48	0.00
61.60	8.73	1.48	0.00	67.30	8.73	1.48	0.00
61.70	8.73	1.48	0.00	67.40	8.73	1.48	0.00
61.80	8.73	1.48	0.00	67.50	8.73	1.48	0.00
61.90	8.73	1.48	0.00	67.60	8.73	1.48	0.00
62.00	8.73	1.48	0.00	67.70	8.73	1.48	0.00
62.10	8.73	1.48	0.00	67.80	8.73	1.48	0.00
62.20	8.73	1.48	0.00	67.90	8.73	1.48	0.00
62.30	8.73	1.48	0.00	68.00	8.73	1.48	0.00
62.40	8.73	1.48	0.00	68.10	8.73	1.48	0.00
62.50	8.73	1.48	0.00	68.20	8.73	1.48	0.00
62.60	8.73	1.48	0.00	68.30	8.73	1.48	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	8.73	1.48	0.00
68.50	8.73	1.48	0.00
68.60	8.73	1.48	0.00
68.70	8.73	1.48	0.00
68.80	8.73	1.48	0.00
68.90	8.73	1.48	0.00
69.00	8.73	1.48	0.00
69.10	8.73	1.48	0.00
69.20	8.73	1.48	0.00
69.30	8.73	1.48	0.00
69.40	8.73	1.48	0.00
69.50	8.73	1.48	0.00
69.60	8.73	1.48	0.00
69.70	8.73	1.48	0.00
69.80	8.73	1.48	0.00
69.90	8.73	1.48	0.00
70.00	8.73	1.48	0.00
70.10	8.73	1.48	0.00
70.20	8.73	1.48	0.00
70.30	8.73	1.48	0.00
70.40	8.73	1.48	0.00
70.50	8.73	1.48	0.00
70.60	8.73	1.48	0.00
70.70	8.73	1.48	0.00
70.80	8.73	1.48	0.00
70.90	8.73	1.48	0.00
71.00	8.73	1.48	0.00
71.10	8.73	1.48	0.00
71.20	8.73	1.48	0.00
71.30	8.73	1.48	0.00
71.40	8.73	1.48	0.00
71.50	8.73	1.48	0.00
71.60	8.73	1.48	0.00
71.70	8.73	1.48	0.00
71.80	8.73	1.48	0.00
71.90	8.73	1.48	0.00
72.00	8.73	1.48	0.00

Subcatchment 4S: EDA 2-Impervious



Hydrograph for Subcatchment 4S: EDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.70	0.50	0.04
0.10	0.01	0.00	0.00	5.80	0.71	0.52	0.04
0.20	0.02	0.00	0.00	5.90	0.73	0.53	0.04
0.30	0.03	0.00	0.00	6.00	0.75	0.55	0.04
0.40	0.04	0.00	0.00	6.10	0.76	0.56	0.04
0.50	0.05	0.00	0.00	6.20	0.78	0.58	0.04
0.60	0.06	0.00	0.00	6.30	0.79	0.59	0.04
0.70	0.07	0.00	0.00	6.40	0.81	0.61	0.04
0.80	0.08	0.01	0.01	6.50	0.83	0.62	0.04
0.90	0.09	0.01	0.01	6.60	0.85	0.64	0.04
1.00	0.10	0.01	0.01	6.70	0.86	0.66	0.04
1.10	0.11	0.02	0.01	6.80	0.88	0.68	0.05
1.20	0.12	0.02	0.01	6.90	0.90	0.69	0.05
1.30	0.13	0.03	0.01	7.00	0.92	0.71	0.05
1.40	0.14	0.03	0.01	7.10	0.94	0.73	0.05
1.50	0.15	0.04	0.02	7.20	0.96	0.75	0.05
1.60	0.16	0.05	0.02	7.30	0.98	0.77	0.05
1.70	0.18	0.05	0.02	7.40	1.00	0.79	0.05
1.80	0.19	0.06	0.02	7.50	1.02	0.81	0.05
1.90	0.20	0.07	0.02	7.60	1.04	0.83	0.05
2.00	0.21	0.08	0.02	7.70	1.06	0.85	0.05
2.10	0.22	0.08	0.02	7.80	1.09	0.88	0.06
2.20	0.23	0.09	0.02	7.90	1.11	0.90	0.06
2.30	0.24	0.10	0.02	8.00	1.13	0.92	0.06
2.40	0.26	0.11	0.02	8.10	1.16	0.94	0.06
2.50	0.27	0.12	0.02	8.20	1.18	0.97	0.06
2.60	0.28	0.13	0.02	8.30	1.20	0.99	0.06
2.70	0.29	0.14	0.02	8.40	1.23	1.01	0.06
2.80	0.30	0.15	0.02	8.50	1.25	1.04	0.06
2.90	0.32	0.16	0.03	8.60	1.28	1.06	0.06
3.00	0.33	0.17	0.03	8.70	1.31	1.09	0.06
3.10	0.34	0.18	0.03	8.80	1.33	1.11	0.07
3.20	0.35	0.19	0.03	8.90	1.36	1.14	0.07
3.30	0.37	0.20	0.03	9.00	1.39	1.17	0.07
3.40	0.38	0.21	0.03	9.10	1.41	1.19	0.07
3.50	0.39	0.22	0.03	9.20	1.44	1.22	0.07
3.60	0.41	0.23	0.03	9.30	1.47	1.25	0.08
3.70	0.42	0.24	0.03	9.40	1.51	1.29	0.08
3.80	0.43	0.26	0.03	9.50	1.54	1.32	0.08
3.90	0.44	0.27	0.03	9.60	1.58	1.35	0.09
4.00	0.46	0.28	0.03	9.70	1.61	1.39	0.09
4.10	0.47	0.29	0.03	9.80	1.65	1.43	0.10
4.20	0.48	0.30	0.03	9.90	1.69	1.47	0.10
4.30	0.50	0.32	0.03	10.00	1.73	1.51	0.10
4.40	0.51	0.33	0.03	10.10	1.77	1.55	0.11
4.50	0.53	0.34	0.03	10.20	1.82	1.59	0.11
4.60	0.54	0.35	0.03	10.30	1.86	1.64	0.11
4.70	0.55	0.37	0.03	10.40	1.91	1.68	0.12
4.80	0.57	0.38	0.03	10.50	1.96	1.73	0.12
4.90	0.58	0.39	0.03	10.60	2.01	1.78	0.13
5.00	0.60	0.41	0.03	10.70	2.07	1.84	0.14
5.10	0.61	0.42	0.03	10.80	2.13	1.90	0.16
5.20	0.63	0.43	0.03	10.90	2.20	1.97	0.17
5.30	0.64	0.45	0.03	11.00	2.27	2.04	0.18
5.40	0.66	0.46	0.04	11.10	2.35	2.12	0.21
5.50	0.67	0.47	0.04	11.20	2.44	2.21	0.23
5.60	0.68	0.49	0.04	11.30	2.54	2.31	0.25

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	2.65	2.42	0.27	17.10	7.83	7.59	0.05
11.50	2.77	2.54	0.30	17.20	7.85	7.61	0.05
11.60	2.93	2.69	0.39	17.30	7.87	7.63	0.05
11.70	3.09	2.86	0.42	17.40	7.88	7.65	0.05
11.80	3.32	3.09	0.57	17.50	7.90	7.66	0.05
11.90	3.64	3.40	0.79	17.60	7.92	7.68	0.04
12.00	4.18	3.95	1.34	17.70	7.94	7.70	0.04
12.10	5.09	4.86	**2.16**	17.80	7.95	7.71	0.04
12.20	5.41	5.17	0.98	17.90	7.97	7.73	0.04
12.30	5.64	5.40	0.61	18.00	7.98	7.74	0.04
12.40	5.80	5.57	0.44	18.10	8.00	7.76	0.04
12.50	5.96	5.72	0.40	18.20	8.02	7.78	0.04
12.60	6.08	5.84	0.31	18.30	8.03	7.79	0.04
12.70	6.19	5.95	0.28	18.40	8.05	7.81	0.04
12.80	6.29	6.05	0.26	18.50	8.06	7.82	0.04
12.90	6.38	6.14	0.23	18.60	8.07	7.84	0.04
13.00	6.46	6.22	0.21	18.70	8.09	7.85	0.04
13.10	6.53	6.29	0.19	18.80	8.10	7.86	0.04
13.20	6.60	6.36	0.17	18.90	8.12	7.88	0.04
13.30	6.66	6.43	0.16	19.00	8.13	7.89	0.04
13.40	6.72	6.48	0.15	19.10	8.15	7.91	0.04
13.50	6.77	6.54	0.14	19.20	8.16	7.92	0.04
13.60	6.82	6.58	0.12	19.30	8.18	7.94	0.04
13.70	6.87	6.63	0.12	19.40	8.19	7.95	0.04
13.80	6.91	6.67	0.11	19.50	8.20	7.96	0.04
13.90	6.96	6.72	0.11	19.60	8.22	7.98	0.04
14.00	7.00	6.76	0.11	19.70	8.23	7.99	0.04
14.10	7.04	6.80	0.10	19.80	8.25	8.01	0.03
14.20	7.08	6.84	0.10	19.90	8.26	8.02	0.03
14.30	7.12	6.88	0.10	20.00	8.27	8.03	0.03
14.40	7.15	6.91	0.09	20.10	8.29	8.05	0.03
14.50	7.19	6.95	0.09	20.20	8.30	8.06	0.03
14.60	7.22	6.98	0.09	20.30	8.31	8.07	0.03
14.70	7.26	7.02	0.08	20.40	8.32	8.08	0.03
14.80	7.29	7.05	0.08	20.50	8.34	8.10	0.03
14.90	7.32	7.08	0.08	20.60	8.35	8.11	0.03
15.00	7.34	7.11	0.07	20.70	8.36	8.12	0.03
15.10	7.37	7.13	0.07	20.80	8.38	8.14	0.03
15.20	7.40	7.16	0.07	20.90	8.39	8.15	0.03
15.30	7.42	7.19	0.07	21.00	8.40	8.16	0.03
15.40	7.45	7.21	0.07	21.10	8.41	8.17	0.03
15.50	7.48	7.24	0.06	21.20	8.43	8.19	0.03
15.60	7.50	7.26	0.06	21.30	8.44	8.20	0.03
15.70	7.53	7.29	0.06	21.40	8.45	8.21	0.03
15.80	7.55	7.31	0.06	21.50	8.46	8.22	0.03
15.90	7.57	7.33	0.06	21.60	8.47	8.23	0.03
16.00	7.60	7.36	0.06	21.70	8.49	8.25	0.03
16.10	7.62	7.38	0.06	21.80	8.50	8.26	0.03
16.20	7.64	7.40	0.06	21.90	8.51	8.27	0.03
16.30	7.67	7.43	0.06	22.00	8.52	8.28	0.03
16.40	7.69	7.45	0.06	22.10	8.53	8.29	0.03
16.50	7.71	7.47	0.05	22.20	8.54	8.30	0.03
16.60	7.73	7.49	0.05	22.30	8.55	8.31	0.03
16.70	7.75	7.51	0.05	22.40	8.57	8.33	0.03
16.80	7.77	7.53	0.05	22.50	8.58	8.34	0.03
16.90	7.79	7.55	0.05	22.60	8.59	8.35	0.03
17.00	7.81	7.57	0.05	22.70	8.60	8.36	0.03

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	8.61	8.37	0.03	28.50	8.73	8.49	0.00
22.90	8.62	8.38	0.03	28.60	8.73	8.49	0.00
23.00	8.63	8.39	0.03	28.70	8.73	8.49	0.00
23.10	8.64	8.40	0.03	28.80	8.73	8.49	0.00
23.20	8.65	8.41	0.03	28.90	8.73	8.49	0.00
23.30	8.66	8.42	0.03	29.00	8.73	8.49	0.00
23.40	8.67	8.43	0.03	29.10	8.73	8.49	0.00
23.50	8.68	8.44	0.03	29.20	8.73	8.49	0.00
23.60	8.69	8.45	0.03	29.30	8.73	8.49	0.00
23.70	8.70	8.46	0.03	29.40	8.73	8.49	0.00
23.80	8.71	8.47	0.02	29.50	8.73	8.49	0.00
23.90	8.72	8.48	0.02	29.60	8.73	8.49	0.00
24.00	**8.73**	**8.49**	0.02	29.70	8.73	8.49	0.00
24.10	8.73	8.49	0.00	29.80	8.73	8.49	0.00
24.20	8.73	8.49	0.00	29.90	8.73	8.49	0.00
24.30	8.73	8.49	0.00	30.00	8.73	8.49	0.00
24.40	8.73	8.49	0.00	30.10	8.73	8.49	0.00
24.50	8.73	8.49	0.00	30.20	8.73	8.49	0.00
24.60	8.73	8.49	0.00	30.30	8.73	8.49	0.00
24.70	8.73	8.49	0.00	30.40	8.73	8.49	0.00
24.80	8.73	8.49	0.00	30.50	8.73	8.49	0.00
24.90	8.73	8.49	0.00	30.60	8.73	8.49	0.00
25.00	8.73	8.49	0.00	30.70	8.73	8.49	0.00
25.10	8.73	8.49	0.00	30.80	8.73	8.49	0.00
25.20	8.73	8.49	0.00	30.90	8.73	8.49	0.00
25.30	8.73	8.49	0.00	31.00	8.73	8.49	0.00
25.40	8.73	8.49	0.00	31.10	8.73	8.49	0.00
25.50	8.73	8.49	0.00	31.20	8.73	8.49	0.00
25.60	8.73	8.49	0.00	31.30	8.73	8.49	0.00
25.70	8.73	8.49	0.00	31.40	8.73	8.49	0.00
25.80	8.73	8.49	0.00	31.50	8.73	8.49	0.00
25.90	8.73	8.49	0.00	31.60	8.73	8.49	0.00
26.00	8.73	8.49	0.00	31.70	8.73	8.49	0.00
26.10	8.73	8.49	0.00	31.80	8.73	8.49	0.00
26.20	8.73	8.49	0.00	31.90	8.73	8.49	0.00
26.30	8.73	8.49	0.00	32.00	8.73	8.49	0.00
26.40	8.73	8.49	0.00	32.10	8.73	8.49	0.00
26.50	8.73	8.49	0.00	32.20	8.73	8.49	0.00
26.60	8.73	8.49	0.00	32.30	8.73	8.49	0.00
26.70	8.73	8.49	0.00	32.40	8.73	8.49	0.00
26.80	8.73	8.49	0.00	32.50	8.73	8.49	0.00
26.90	8.73	8.49	0.00	32.60	8.73	8.49	0.00
27.00	8.73	8.49	0.00	32.70	8.73	8.49	0.00
27.10	8.73	8.49	0.00	32.80	8.73	8.49	0.00
27.20	8.73	8.49	0.00	32.90	8.73	8.49	0.00
27.30	8.73	8.49	0.00	33.00	8.73	8.49	0.00
27.40	8.73	8.49	0.00	33.10	8.73	8.49	0.00
27.50	8.73	8.49	0.00	33.20	8.73	8.49	0.00
27.60	8.73	8.49	0.00	33.30	8.73	8.49	0.00
27.70	8.73	8.49	0.00	33.40	8.73	8.49	0.00
27.80	8.73	8.49	0.00	33.50	8.73	8.49	0.00
27.90	8.73	8.49	0.00	33.60	8.73	8.49	0.00
28.00	8.73	8.49	0.00	33.70	8.73	8.49	0.00
28.10	8.73	8.49	0.00	33.80	8.73	8.49	0.00
28.20	8.73	8.49	0.00	33.90	8.73	8.49	0.00
28.30	8.73	8.49	0.00	34.00	8.73	8.49	0.00
28.40	8.73	8.49	0.00	34.10	8.73	8.49	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	8.73	8.49	0.00	39.90	8.73	8.49	0.00
34.30	8.73	8.49	0.00	40.00	8.73	8.49	0.00
34.40	8.73	8.49	0.00	40.10	8.73	8.49	0.00
34.50	8.73	8.49	0.00	40.20	8.73	8.49	0.00
34.60	8.73	8.49	0.00	40.30	8.73	8.49	0.00
34.70	8.73	8.49	0.00	40.40	8.73	8.49	0.00
34.80	8.73	8.49	0.00	40.50	8.73	8.49	0.00
34.90	8.73	8.49	0.00	40.60	8.73	8.49	0.00
35.00	8.73	8.49	0.00	40.70	8.73	8.49	0.00
35.10	8.73	8.49	0.00	40.80	8.73	8.49	0.00
35.20	8.73	8.49	0.00	40.90	8.73	8.49	0.00
35.30	8.73	8.49	0.00	41.00	8.73	8.49	0.00
35.40	8.73	8.49	0.00	41.10	8.73	8.49	0.00
35.50	8.73	8.49	0.00	41.20	8.73	8.49	0.00
35.60	8.73	8.49	0.00	41.30	8.73	8.49	0.00
35.70	8.73	8.49	0.00	41.40	8.73	8.49	0.00
35.80	8.73	8.49	0.00	41.50	8.73	8.49	0.00
35.90	8.73	8.49	0.00	41.60	8.73	8.49	0.00
36.00	8.73	8.49	0.00	41.70	8.73	8.49	0.00
36.10	8.73	8.49	0.00	41.80	8.73	8.49	0.00
36.20	8.73	8.49	0.00	41.90	8.73	8.49	0.00
36.30	8.73	8.49	0.00	42.00	8.73	8.49	0.00
36.40	8.73	8.49	0.00	42.10	8.73	8.49	0.00
36.50	8.73	8.49	0.00	42.20	8.73	8.49	0.00
36.60	8.73	8.49	0.00	42.30	8.73	8.49	0.00
36.70	8.73	8.49	0.00	42.40	8.73	8.49	0.00
36.80	8.73	8.49	0.00	42.50	8.73	8.49	0.00
36.90	8.73	8.49	0.00	42.60	8.73	8.49	0.00
37.00	8.73	8.49	0.00	42.70	8.73	8.49	0.00
37.10	8.73	8.49	0.00	42.80	8.73	8.49	0.00
37.20	8.73	8.49	0.00	42.90	8.73	8.49	0.00
37.30	8.73	8.49	0.00	43.00	8.73	8.49	0.00
37.40	8.73	8.49	0.00	43.10	8.73	8.49	0.00
37.50	8.73	8.49	0.00	43.20	8.73	8.49	0.00
37.60	8.73	8.49	0.00	43.30	8.73	8.49	0.00
37.70	8.73	8.49	0.00	43.40	8.73	8.49	0.00
37.80	8.73	8.49	0.00	43.50	8.73	8.49	0.00
37.90	8.73	8.49	0.00	43.60	8.73	8.49	0.00
38.00	8.73	8.49	0.00	43.70	8.73	8.49	0.00
38.10	8.73	8.49	0.00	43.80	8.73	8.49	0.00
38.20	8.73	8.49	0.00	43.90	8.73	8.49	0.00
38.30	8.73	8.49	0.00	44.00	8.73	8.49	0.00
38.40	8.73	8.49	0.00	44.10	8.73	8.49	0.00
38.50	8.73	8.49	0.00	44.20	8.73	8.49	0.00
38.60	8.73	8.49	0.00	44.30	8.73	8.49	0.00
38.70	8.73	8.49	0.00	44.40	8.73	8.49	0.00
38.80	8.73	8.49	0.00	44.50	8.73	8.49	0.00
38.90	8.73	8.49	0.00	44.60	8.73	8.49	0.00
39.00	8.73	8.49	0.00	44.70	8.73	8.49	0.00
39.10	8.73	8.49	0.00	44.80	8.73	8.49	0.00
39.20	8.73	8.49	0.00	44.90	8.73	8.49	0.00
39.30	8.73	8.49	0.00	45.00	8.73	8.49	0.00
39.40	8.73	8.49	0.00	45.10	8.73	8.49	0.00
39.50	8.73	8.49	0.00	45.20	8.73	8.49	0.00
39.60	8.73	8.49	0.00	45.30	8.73	8.49	0.00
39.70	8.73	8.49	0.00	45.40	8.73	8.49	0.00
39.80	8.73	8.49	0.00	45.50	8.73	8.49	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	8.73	8.49	0.00	51.30	8.73	8.49	0.00
45.70	8.73	8.49	0.00	51.40	8.73	8.49	0.00
45.80	8.73	8.49	0.00	51.50	8.73	8.49	0.00
45.90	8.73	8.49	0.00	51.60	8.73	8.49	0.00
46.00	8.73	8.49	0.00	51.70	8.73	8.49	0.00
46.10	8.73	8.49	0.00	51.80	8.73	8.49	0.00
46.20	8.73	8.49	0.00	51.90	8.73	8.49	0.00
46.30	8.73	8.49	0.00	52.00	8.73	8.49	0.00
46.40	8.73	8.49	0.00	52.10	8.73	8.49	0.00
46.50	8.73	8.49	0.00	52.20	8.73	8.49	0.00
46.60	8.73	8.49	0.00	52.30	8.73	8.49	0.00
46.70	8.73	8.49	0.00	52.40	8.73	8.49	0.00
46.80	8.73	8.49	0.00	52.50	8.73	8.49	0.00
46.90	8.73	8.49	0.00	52.60	8.73	8.49	0.00
47.00	8.73	8.49	0.00	52.70	8.73	8.49	0.00
47.10	8.73	8.49	0.00	52.80	8.73	8.49	0.00
47.20	8.73	8.49	0.00	52.90	8.73	8.49	0.00
47.30	8.73	8.49	0.00	53.00	8.73	8.49	0.00
47.40	8.73	8.49	0.00	53.10	8.73	8.49	0.00
47.50	8.73	8.49	0.00	53.20	8.73	8.49	0.00
47.60	8.73	8.49	0.00	53.30	8.73	8.49	0.00
47.70	8.73	8.49	0.00	53.40	8.73	8.49	0.00
47.80	8.73	8.49	0.00	53.50	8.73	8.49	0.00
47.90	8.73	8.49	0.00	53.60	8.73	8.49	0.00
48.00	8.73	8.49	0.00	53.70	8.73	8.49	0.00
48.10	8.73	8.49	0.00	53.80	8.73	8.49	0.00
48.20	8.73	8.49	0.00	53.90	8.73	8.49	0.00
48.30	8.73	8.49	0.00	54.00	8.73	8.49	0.00
48.40	8.73	8.49	0.00	54.10	8.73	8.49	0.00
48.50	8.73	8.49	0.00	54.20	8.73	8.49	0.00
48.60	8.73	8.49	0.00	54.30	8.73	8.49	0.00
48.70	8.73	8.49	0.00	54.40	8.73	8.49	0.00
48.80	8.73	8.49	0.00	54.50	8.73	8.49	0.00
48.90	8.73	8.49	0.00	54.60	8.73	8.49	0.00
49.00	8.73	8.49	0.00	54.70	8.73	8.49	0.00
49.10	8.73	8.49	0.00	54.80	8.73	8.49	0.00
49.20	8.73	8.49	0.00	54.90	8.73	8.49	0.00
49.30	8.73	8.49	0.00	55.00	8.73	8.49	0.00
49.40	8.73	8.49	0.00	55.10	8.73	8.49	0.00
49.50	8.73	8.49	0.00	55.20	8.73	8.49	0.00
49.60	8.73	8.49	0.00	55.30	8.73	8.49	0.00
49.70	8.73	8.49	0.00	55.40	8.73	8.49	0.00
49.80	8.73	8.49	0.00	55.50	8.73	8.49	0.00
49.90	8.73	8.49	0.00	55.60	8.73	8.49	0.00
50.00	8.73	8.49	0.00	55.70	8.73	8.49	0.00
50.10	8.73	8.49	0.00	55.80	8.73	8.49	0.00
50.20	8.73	8.49	0.00	55.90	8.73	8.49	0.00
50.30	8.73	8.49	0.00	56.00	8.73	8.49	0.00
50.40	8.73	8.49	0.00	56.10	8.73	8.49	0.00
50.50	8.73	8.49	0.00	56.20	8.73	8.49	0.00
50.60	8.73	8.49	0.00	56.30	8.73	8.49	0.00
50.70	8.73	8.49	0.00	56.40	8.73	8.49	0.00
50.80	8.73	8.49	0.00	56.50	8.73	8.49	0.00
50.90	8.73	8.49	0.00	56.60	8.73	8.49	0.00
51.00	8.73	8.49	0.00	56.70	8.73	8.49	0.00
51.10	8.73	8.49	0.00	56.80	8.73	8.49	0.00
51.20	8.73	8.49	0.00	56.90	8.73	8.49	0.00

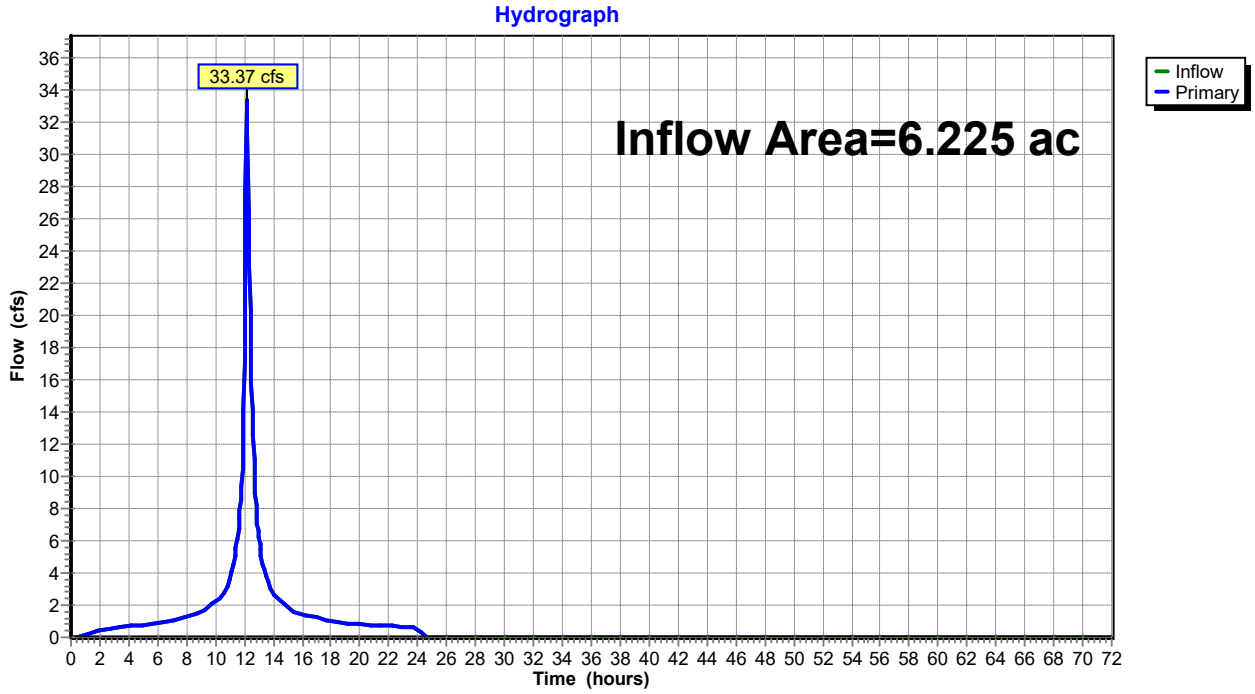
Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	8.73	8.49	0.00	62.70	8.73	8.49	0.00
57.10	8.73	8.49	0.00	62.80	8.73	8.49	0.00
57.20	8.73	8.49	0.00	62.90	8.73	8.49	0.00
57.30	8.73	8.49	0.00	63.00	8.73	8.49	0.00
57.40	8.73	8.49	0.00	63.10	8.73	8.49	0.00
57.50	8.73	8.49	0.00	63.20	8.73	8.49	0.00
57.60	8.73	8.49	0.00	63.30	8.73	8.49	0.00
57.70	8.73	8.49	0.00	63.40	8.73	8.49	0.00
57.80	8.73	8.49	0.00	63.50	8.73	8.49	0.00
57.90	8.73	8.49	0.00	63.60	8.73	8.49	0.00
58.00	8.73	8.49	0.00	63.70	8.73	8.49	0.00
58.10	8.73	8.49	0.00	63.80	8.73	8.49	0.00
58.20	8.73	8.49	0.00	63.90	8.73	8.49	0.00
58.30	8.73	8.49	0.00	64.00	8.73	8.49	0.00
58.40	8.73	8.49	0.00	64.10	8.73	8.49	0.00
58.50	8.73	8.49	0.00	64.20	8.73	8.49	0.00
58.60	8.73	8.49	0.00	64.30	8.73	8.49	0.00
58.70	8.73	8.49	0.00	64.40	8.73	8.49	0.00
58.80	8.73	8.49	0.00	64.50	8.73	8.49	0.00
58.90	8.73	8.49	0.00	64.60	8.73	8.49	0.00
59.00	8.73	8.49	0.00	64.70	8.73	8.49	0.00
59.10	8.73	8.49	0.00	64.80	8.73	8.49	0.00
59.20	8.73	8.49	0.00	64.90	8.73	8.49	0.00
59.30	8.73	8.49	0.00	65.00	8.73	8.49	0.00
59.40	8.73	8.49	0.00	65.10	8.73	8.49	0.00
59.50	8.73	8.49	0.00	65.20	8.73	8.49	0.00
59.60	8.73	8.49	0.00	65.30	8.73	8.49	0.00
59.70	8.73	8.49	0.00	65.40	8.73	8.49	0.00
59.80	8.73	8.49	0.00	65.50	8.73	8.49	0.00
59.90	8.73	8.49	0.00	65.60	8.73	8.49	0.00
60.00	8.73	8.49	0.00	65.70	8.73	8.49	0.00
60.10	8.73	8.49	0.00	65.80	8.73	8.49	0.00
60.20	8.73	8.49	0.00	65.90	8.73	8.49	0.00
60.30	8.73	8.49	0.00	66.00	8.73	8.49	0.00
60.40	8.73	8.49	0.00	66.10	8.73	8.49	0.00
60.50	8.73	8.49	0.00	66.20	8.73	8.49	0.00
60.60	8.73	8.49	0.00	66.30	8.73	8.49	0.00
60.70	8.73	8.49	0.00	66.40	8.73	8.49	0.00
60.80	8.73	8.49	0.00	66.50	8.73	8.49	0.00
60.90	8.73	8.49	0.00	66.60	8.73	8.49	0.00
61.00	8.73	8.49	0.00	66.70	8.73	8.49	0.00
61.10	8.73	8.49	0.00	66.80	8.73	8.49	0.00
61.20	8.73	8.49	0.00	66.90	8.73	8.49	0.00
61.30	8.73	8.49	0.00	67.00	8.73	8.49	0.00
61.40	8.73	8.49	0.00	67.10	8.73	8.49	0.00
61.50	8.73	8.49	0.00	67.20	8.73	8.49	0.00
61.60	8.73	8.49	0.00	67.30	8.73	8.49	0.00
61.70	8.73	8.49	0.00	67.40	8.73	8.49	0.00
61.80	8.73	8.49	0.00	67.50	8.73	8.49	0.00
61.90	8.73	8.49	0.00	67.60	8.73	8.49	0.00
62.00	8.73	8.49	0.00	67.70	8.73	8.49	0.00
62.10	8.73	8.49	0.00	67.80	8.73	8.49	0.00
62.20	8.73	8.49	0.00	67.90	8.73	8.49	0.00
62.30	8.73	8.49	0.00	68.00	8.73	8.49	0.00
62.40	8.73	8.49	0.00	68.10	8.73	8.49	0.00
62.50	8.73	8.49	0.00	68.20	8.73	8.49	0.00
62.60	8.73	8.49	0.00	68.30	8.73	8.49	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	8.73	8.49	0.00
68.50	8.73	8.49	0.00
68.60	8.73	8.49	0.00
68.70	8.73	8.49	0.00
68.80	8.73	8.49	0.00
68.90	8.73	8.49	0.00
69.00	8.73	8.49	0.00
69.10	8.73	8.49	0.00
69.20	8.73	8.49	0.00
69.30	8.73	8.49	0.00
69.40	8.73	8.49	0.00
69.50	8.73	8.49	0.00
69.60	8.73	8.49	0.00
69.70	8.73	8.49	0.00
69.80	8.73	8.49	0.00
69.90	8.73	8.49	0.00
70.00	8.73	8.49	0.00
70.10	8.73	8.49	0.00
70.20	8.73	8.49	0.00
70.30	8.73	8.49	0.00
70.40	8.73	8.49	0.00
70.50	8.73	8.49	0.00
70.60	8.73	8.49	0.00
70.70	8.73	8.49	0.00
70.80	8.73	8.49	0.00
70.90	8.73	8.49	0.00
71.00	8.73	8.49	0.00
71.10	8.73	8.49	0.00
71.20	8.73	8.49	0.00
71.30	8.73	8.49	0.00
71.40	8.73	8.49	0.00
71.50	8.73	8.49	0.00
71.60	8.73	8.49	0.00
71.70	8.73	8.49	0.00
71.80	8.73	8.49	0.00
71.90	8.73	8.49	0.00
72.00	8.73	8.49	0.00

Link 3L: POA-1


Hydrograph
33.37 cfs
Inflow Area=6.225 ac
Inflow
Primary
Flow (cfs)
Time (hours)

Hydrograph for Link 3L: POA-1

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.82	0.00	0.82
0.10	0.00	0.00	0.00	5.80	0.83	0.00	0.83
0.20	0.00	0.00	0.00	5.90	0.83	0.00	0.83
0.30	0.00	0.00	0.00	6.00	0.84	0.00	0.84
0.40	0.00	0.00	0.00	6.10	0.85	0.00	0.85
0.50	0.00	0.00	0.00	6.20	0.87	0.00	0.87
0.60	0.02	0.00	0.02	6.30	0.88	0.00	0.88
0.70	0.05	0.00	0.05	6.40	0.91	0.00	0.91
0.80	0.08	0.00	0.08	6.50	0.93	0.00	0.93
0.90	0.12	0.00	0.12	6.60	0.95	0.00	0.95
1.00	0.16	0.00	0.16	6.70	0.97	0.00	0.97
1.10	0.20	0.00	0.20	6.80	1.00	0.00	1.00
1.20	0.23	0.00	0.23	6.90	1.02	0.00	1.02
1.30	0.26	0.00	0.26	7.00	1.04	0.00	1.04
1.40	0.29	0.00	0.29	7.10	1.07	0.00	1.07
1.50	0.32	0.00	0.32	7.20	1.09	0.00	1.09
1.60	0.34	0.00	0.34	7.30	1.11	0.00	1.11
1.70	0.37	0.00	0.37	7.40	1.14	0.00	1.14
1.80	0.39	0.00	0.39	7.50	1.16	0.00	1.16
1.90	0.41	0.00	0.41	7.60	1.18	0.00	1.18
2.00	0.43	0.00	0.43	7.70	1.21	0.00	1.21
2.10	0.45	0.00	0.45	7.80	1.23	0.00	1.23
2.20	0.46	0.00	0.46	7.90	1.26	0.00	1.26
2.30	0.48	0.00	0.48	8.00	1.28	0.00	1.28
2.40	0.50	0.00	0.50	8.10	1.30	0.00	1.30
2.50	0.51	0.00	0.51	8.20	1.33	0.00	1.33
2.60	0.53	0.00	0.53	8.30	1.35	0.00	1.35
2.70	0.54	0.00	0.54	8.40	1.37	0.00	1.37
2.80	0.55	0.00	0.55	8.50	1.40	0.00	1.40
2.90	0.56	0.00	0.56	8.60	1.42	0.00	1.42
3.00	0.58	0.00	0.58	8.70	1.44	0.00	1.44
3.10	0.59	0.00	0.59	8.80	1.47	0.00	1.47
3.20	0.60	0.00	0.60	8.90	1.49	0.00	1.49
3.30	0.61	0.00	0.61	9.00	1.51	0.00	1.51
3.40	0.62	0.00	0.62	9.10	1.55	0.00	1.55
3.50	0.63	0.00	0.63	9.20	1.60	0.00	1.60
3.60	0.64	0.00	0.64	9.30	1.67	0.00	1.67
3.70	0.65	0.00	0.65	9.40	1.74	0.00	1.74
3.80	0.66	0.00	0.66	9.50	1.82	0.00	1.82
3.90	0.67	0.00	0.67	9.60	1.90	0.00	1.90
4.00	0.68	0.00	0.68	9.70	1.98	0.00	1.98
4.10	0.69	0.00	0.69	9.80	2.06	0.00	2.06
4.20	0.70	0.00	0.70	9.90	2.14	0.00	2.14
4.30	0.71	0.00	0.71	10.00	2.22	0.00	2.22
4.40	0.72	0.00	0.72	10.10	2.30	0.00	2.30
4.50	0.73	0.00	0.73	10.20	2.38	0.00	2.38
4.60	0.73	0.00	0.73	10.30	2.46	0.00	2.46
4.70	0.74	0.00	0.74	10.40	2.54	0.00	2.54
4.80	0.75	0.00	0.75	10.50	2.63	0.00	2.63
4.90	0.76	0.00	0.76	10.60	2.74	0.00	2.74
5.00	0.77	0.00	0.77	10.70	2.94	0.00	2.94
5.10	0.77	0.00	0.77	10.80	3.18	0.00	3.18
5.20	0.78	0.00	0.78	10.90	3.45	0.00	3.45
5.30	0.79	0.00	0.79	11.00	3.73	0.00	3.73
5.40	0.80	0.00	0.80	11.10	4.05	0.00	4.05
5.50	0.80	0.00	0.80	11.20	4.47	0.00	4.47
5.60	0.81	0.00	0.81	11.30	4.93	0.00	4.93

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	5.42	0.00	5.42	17.10	1.20	0.00	1.20
11.50	5.92	0.00	5.92	17.20	1.18	0.00	1.18
11.60	6.76	0.00	6.76	17.30	1.15	0.00	1.15
11.70	7.93	0.00	7.93	17.40	1.13	0.00	1.13
11.80	9.38	0.00	9.38	17.50	1.11	0.00	1.11
11.90	12.05	0.00	12.05	17.60	1.08	0.00	1.08
12.00	17.32	0.00	17.32	17.70	1.06	0.00	1.06
12.10	27.62	0.00	27.62	17.80	1.04	0.00	1.04
12.20	**32.96**	0.00	**32.96**	17.90	1.01	0.00	1.01
12.30	26.28	0.00	26.28	18.00	0.99	0.00	0.99
12.40	20.28	0.00	20.28	18.10	0.97	0.00	0.97
12.50	15.79	0.00	15.79	18.20	0.95	0.00	0.95
12.60	12.55	0.00	12.55	18.30	0.93	0.00	0.93
12.70	9.88	0.00	9.88	18.40	0.92	0.00	0.92
12.80	8.16	0.00	8.16	18.50	0.91	0.00	0.91
12.90	7.03	0.00	7.03	18.60	0.91	0.00	0.91
13.00	6.17	0.00	6.17	18.70	0.90	0.00	0.90
13.10	5.45	0.00	5.45	18.80	0.89	0.00	0.89
13.20	4.89	0.00	4.89	18.90	0.89	0.00	0.89
13.30	4.46	0.00	4.46	19.00	0.88	0.00	0.88
13.40	4.09	0.00	4.09	19.10	0.88	0.00	0.88
13.50	3.75	0.00	3.75	19.20	0.87	0.00	0.87
13.60	3.43	0.00	3.43	19.30	0.86	0.00	0.86
13.70	3.16	0.00	3.16	19.40	0.86	0.00	0.86
13.80	2.97	0.00	2.97	19.50	0.85	0.00	0.85
13.90	2.83	0.00	2.83	19.60	0.85	0.00	0.85
14.00	2.71	0.00	2.71	19.70	0.84	0.00	0.84
14.10	2.62	0.00	2.62	19.80	0.84	0.00	0.84
14.20	2.53	0.00	2.53	19.90	0.83	0.00	0.83
14.30	2.44	0.00	2.44	20.00	0.82	0.00	0.82
14.40	2.36	0.00	2.36	20.10	0.82	0.00	0.82
14.50	2.27	0.00	2.27	20.20	0.81	0.00	0.81
14.60	2.19	0.00	2.19	20.30	0.81	0.00	0.81
14.70	2.11	0.00	2.11	20.40	0.80	0.00	0.80
14.80	2.03	0.00	2.03	20.50	0.79	0.00	0.79
14.90	1.94	0.00	1.94	20.60	0.79	0.00	0.79
15.00	1.86	0.00	1.86	20.70	0.78	0.00	0.78
15.10	1.78	0.00	1.78	20.80	0.78	0.00	0.78
15.20	1.70	0.00	1.70	20.90	0.77	0.00	0.77
15.30	1.65	0.00	1.65	21.00	0.77	0.00	0.77
15.40	1.61	0.00	1.61	21.10	0.76	0.00	0.76
15.50	1.58	0.00	1.58	21.20	0.75	0.00	0.75
15.60	1.55	0.00	1.55	21.30	0.75	0.00	0.75
15.70	1.53	0.00	1.53	21.40	0.74	0.00	0.74
15.80	1.51	0.00	1.51	21.50	0.74	0.00	0.74
15.90	1.48	0.00	1.48	21.60	0.73	0.00	0.73
16.00	1.46	0.00	1.46	21.70	0.72	0.00	0.72
16.10	1.43	0.00	1.43	21.80	0.72	0.00	0.72
16.20	1.41	0.00	1.41	21.90	0.71	0.00	0.71
16.30	1.39	0.00	1.39	22.00	0.71	0.00	0.71
16.40	1.36	0.00	1.36	22.10	0.70	0.00	0.70
16.50	1.34	0.00	1.34	22.20	0.69	0.00	0.69
16.60	1.32	0.00	1.32	22.30	0.69	0.00	0.69
16.70	1.29	0.00	1.29	22.40	0.68	0.00	0.68
16.80	1.27	0.00	1.27	22.50	0.68	0.00	0.68
16.90	1.25	0.00	1.25	22.60	0.67	0.00	0.67
17.00	1.22	0.00	1.22	22.70	0.67	0.00	0.67

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.66	0.00	0.66	28.50	0.00	0.00	0.00
22.90	0.65	0.00	0.65	28.60	0.00	0.00	0.00
23.00	0.65	0.00	0.65	28.70	0.00	0.00	0.00
23.10	0.64	0.00	0.64	28.80	0.00	0.00	0.00
23.20	0.64	0.00	0.64	28.90	0.00	0.00	0.00
23.30	0.63	0.00	0.63	29.00	0.00	0.00	0.00
23.40	0.62	0.00	0.62	29.10	0.00	0.00	0.00
23.50	0.62	0.00	0.62	29.20	0.00	0.00	0.00
23.60	0.61	0.00	0.61	29.30	0.00	0.00	0.00
23.70	0.61	0.00	0.61	29.40	0.00	0.00	0.00
23.80	0.60	0.00	0.60	29.50	0.00	0.00	0.00
23.90	0.59	0.00	0.59	29.60	0.00	0.00	0.00
24.00	0.59	0.00	0.59	29.70	0.00	0.00	0.00
24.10	0.48	0.00	0.48	29.80	0.00	0.00	0.00
24.20	0.28	0.00	0.28	29.90	0.00	0.00	0.00
24.30	0.15	0.00	0.15	30.00	0.00	0.00	0.00
24.40	0.08	0.00	0.08	30.10	0.00	0.00	0.00
24.50	0.04	0.00	0.04	30.20	0.00	0.00	0.00
24.60	0.02	0.00	0.02	30.30	0.00	0.00	0.00
24.70	0.01	0.00	0.01	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

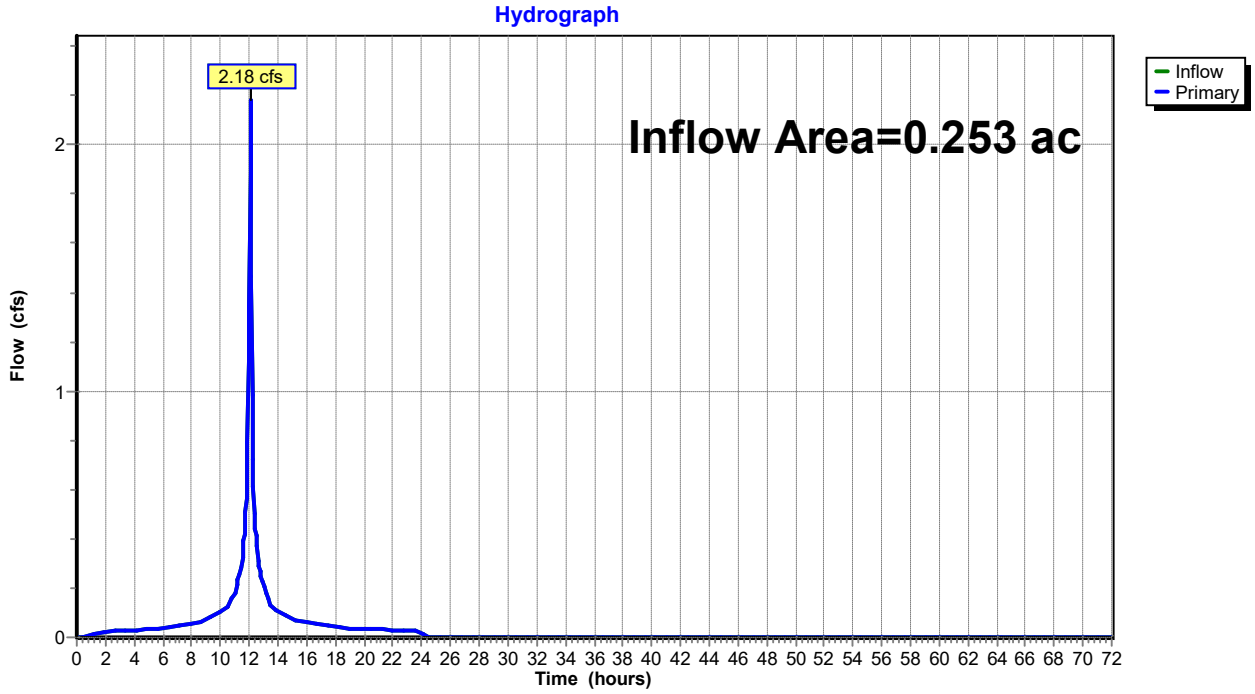
Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Link 5L: POA-2


Hydrograph
2.18 cfs
Inflow Area=0.253 ac
Inflow
Primary
Flow (cfs)
Time (hours)
0
1
2
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72

Hydrograph for Link 5L: POA-2

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.04	0.00	0.04
0.10	0.00	0.00	0.00	5.80	0.04	0.00	0.04
0.20	0.00	0.00	0.00	5.90	0.04	0.00	0.04
0.30	0.00	0.00	0.00	6.00	0.04	0.00	0.04
0.40	0.00	0.00	0.00	6.10	0.04	0.00	0.04
0.50	0.00	0.00	0.00	6.20	0.04	0.00	0.04
0.60	0.00	0.00	0.00	6.30	0.04	0.00	0.04
0.70	0.00	0.00	0.00	6.40	0.04	0.00	0.04
0.80	0.01	0.00	0.01	6.50	0.04	0.00	0.04
0.90	0.01	0.00	0.01	6.60	0.04	0.00	0.04
1.00	0.01	0.00	0.01	6.70	0.04	0.00	0.04
1.10	0.01	0.00	0.01	6.80	0.05	0.00	0.05
1.20	0.01	0.00	0.01	6.90	0.05	0.00	0.05
1.30	0.01	0.00	0.01	7.00	0.05	0.00	0.05
1.40	0.01	0.00	0.01	7.10	0.05	0.00	0.05
1.50	0.02	0.00	0.02	7.20	0.05	0.00	0.05
1.60	0.02	0.00	0.02	7.30	0.05	0.00	0.05
1.70	0.02	0.00	0.02	7.40	0.05	0.00	0.05
1.80	0.02	0.00	0.02	7.50	0.05	0.00	0.05
1.90	0.02	0.00	0.02	7.60	0.05	0.00	0.05
2.00	0.02	0.00	0.02	7.70	0.05	0.00	0.05
2.10	0.02	0.00	0.02	7.80	0.06	0.00	0.06
2.20	0.02	0.00	0.02	7.90	0.06	0.00	0.06
2.30	0.02	0.00	0.02	8.00	0.06	0.00	0.06
2.40	0.02	0.00	0.02	8.10	0.06	0.00	0.06
2.50	0.02	0.00	0.02	8.20	0.06	0.00	0.06
2.60	0.02	0.00	0.02	8.30	0.06	0.00	0.06
2.70	0.02	0.00	0.02	8.40	0.06	0.00	0.06
2.80	0.02	0.00	0.02	8.50	0.06	0.00	0.06
2.90	0.03	0.00	0.03	8.60	0.06	0.00	0.06
3.00	0.03	0.00	0.03	8.70	0.06	0.00	0.06
3.10	0.03	0.00	0.03	8.80	0.07	0.00	0.07
3.20	0.03	0.00	0.03	8.90	0.07	0.00	0.07
3.30	0.03	0.00	0.03	9.00	0.07	0.00	0.07
3.40	0.03	0.00	0.03	9.10	0.07	0.00	0.07
3.50	0.03	0.00	0.03	9.20	0.07	0.00	0.07
3.60	0.03	0.00	0.03	9.30	0.08	0.00	0.08
3.70	0.03	0.00	0.03	9.40	0.08	0.00	0.08
3.80	0.03	0.00	0.03	9.50	0.08	0.00	0.08
3.90	0.03	0.00	0.03	9.60	0.09	0.00	0.09
4.00	0.03	0.00	0.03	9.70	0.09	0.00	0.09
4.10	0.03	0.00	0.03	9.80	0.10	0.00	0.10
4.20	0.03	0.00	0.03	9.90	0.10	0.00	0.10
4.30	0.03	0.00	0.03	10.00	0.10	0.00	0.10
4.40	0.03	0.00	0.03	10.10	0.11	0.00	0.11
4.50	0.03	0.00	0.03	10.20	0.11	0.00	0.11
4.60	0.03	0.00	0.03	10.30	0.11	0.00	0.11
4.70	0.03	0.00	0.03	10.40	0.12	0.00	0.12
4.80	0.03	0.00	0.03	10.50	0.12	0.00	0.12
4.90	0.03	0.00	0.03	10.60	0.13	0.00	0.13
5.00	0.03	0.00	0.03	10.70	0.14	0.00	0.14
5.10	0.03	0.00	0.03	10.80	0.16	0.00	0.16
5.20	0.03	0.00	0.03	10.90	0.17	0.00	0.17
5.30	0.03	0.00	0.03	11.00	0.18	0.00	0.18
5.40	0.04	0.00	0.04	11.10	0.21	0.00	0.21
5.50	0.04	0.00	0.04	11.20	0.23	0.00	0.23
5.60	0.04	0.00	0.04	11.30	0.25	0.00	0.25

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	0.27	0.00	0.27	17.10	0.05	0.00	0.05
11.50	0.30	0.00	0.30	17.20	0.05	0.00	0.05
11.60	0.39	0.00	0.39	17.30	0.05	0.00	0.05
11.70	0.42	0.00	0.42	17.40	0.05	0.00	0.05
11.80	0.57	0.00	0.57	17.50	0.05	0.00	0.05
11.90	0.79	0.00	0.79	17.60	0.04	0.00	0.04
12.00	1.34	0.00	1.34	17.70	0.04	0.00	0.04
12.10	**2.16**	0.00	**2.16**	17.80	0.04	0.00	0.04
12.20	0.98	0.00	0.98	17.90	0.04	0.00	0.04
12.30	0.61	0.00	0.61	18.00	0.04	0.00	0.04
12.40	0.44	0.00	0.44	18.10	0.04	0.00	0.04
12.50	0.40	0.00	0.40	18.20	0.04	0.00	0.04
12.60	0.31	0.00	0.31	18.30	0.04	0.00	0.04
12.70	0.28	0.00	0.28	18.40	0.04	0.00	0.04
12.80	0.26	0.00	0.26	18.50	0.04	0.00	0.04
12.90	0.23	0.00	0.23	18.60	0.04	0.00	0.04
13.00	0.21	0.00	0.21	18.70	0.04	0.00	0.04
13.10	0.19	0.00	0.19	18.80	0.04	0.00	0.04
13.20	0.17	0.00	0.17	18.90	0.04	0.00	0.04
13.30	0.16	0.00	0.16	19.00	0.04	0.00	0.04
13.40	0.15	0.00	0.15	19.10	0.04	0.00	0.04
13.50	0.14	0.00	0.14	19.20	0.04	0.00	0.04
13.60	0.12	0.00	0.12	19.30	0.04	0.00	0.04
13.70	0.12	0.00	0.12	19.40	0.04	0.00	0.04
13.80	0.11	0.00	0.11	19.50	0.04	0.00	0.04
13.90	0.11	0.00	0.11	19.60	0.04	0.00	0.04
14.00	0.11	0.00	0.11	19.70	0.04	0.00	0.04
14.10	0.10	0.00	0.10	19.80	0.03	0.00	0.03
14.20	0.10	0.00	0.10	19.90	0.03	0.00	0.03
14.30	0.10	0.00	0.10	20.00	0.03	0.00	0.03
14.40	0.09	0.00	0.09	20.10	0.03	0.00	0.03
14.50	0.09	0.00	0.09	20.20	0.03	0.00	0.03
14.60	0.09	0.00	0.09	20.30	0.03	0.00	0.03
14.70	0.08	0.00	0.08	20.40	0.03	0.00	0.03
14.80	0.08	0.00	0.08	20.50	0.03	0.00	0.03
14.90	0.08	0.00	0.08	20.60	0.03	0.00	0.03
15.00	0.07	0.00	0.07	20.70	0.03	0.00	0.03
15.10	0.07	0.00	0.07	20.80	0.03	0.00	0.03
15.20	0.07	0.00	0.07	20.90	0.03	0.00	0.03
15.30	0.07	0.00	0.07	21.00	0.03	0.00	0.03
15.40	0.07	0.00	0.07	21.10	0.03	0.00	0.03
15.50	0.06	0.00	0.06	21.20	0.03	0.00	0.03
15.60	0.06	0.00	0.06	21.30	0.03	0.00	0.03
15.70	0.06	0.00	0.06	21.40	0.03	0.00	0.03
15.80	0.06	0.00	0.06	21.50	0.03	0.00	0.03
15.90	0.06	0.00	0.06	21.60	0.03	0.00	0.03
16.00	0.06	0.00	0.06	21.70	0.03	0.00	0.03
16.10	0.06	0.00	0.06	21.80	0.03	0.00	0.03
16.20	0.06	0.00	0.06	21.90	0.03	0.00	0.03
16.30	0.06	0.00	0.06	22.00	0.03	0.00	0.03
16.40	0.06	0.00	0.06	22.10	0.03	0.00	0.03
16.50	0.05	0.00	0.05	22.20	0.03	0.00	0.03
16.60	0.05	0.00	0.05	22.30	0.03	0.00	0.03
16.70	0.05	0.00	0.05	22.40	0.03	0.00	0.03
16.80	0.05	0.00	0.05	22.50	0.03	0.00	0.03
16.90	0.05	0.00	0.05	22.60	0.03	0.00	0.03
17.00	0.05	0.00	0.05	22.70	0.03	0.00	0.03

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.03	0.00	0.03	28.50	0.00	0.00	0.00
22.90	0.03	0.00	0.03	28.60	0.00	0.00	0.00
23.00	0.03	0.00	0.03	28.70	0.00	0.00	0.00
23.10	0.03	0.00	0.03	28.80	0.00	0.00	0.00
23.20	0.03	0.00	0.03	28.90	0.00	0.00	0.00
23.30	0.03	0.00	0.03	29.00	0.00	0.00	0.00
23.40	0.03	0.00	0.03	29.10	0.00	0.00	0.00
23.50	0.03	0.00	0.03	29.20	0.00	0.00	0.00
23.60	0.03	0.00	0.03	29.30	0.00	0.00	0.00
23.70	0.03	0.00	0.03	29.40	0.00	0.00	0.00
23.80	0.02	0.00	0.02	29.50	0.00	0.00	0.00
23.90	0.02	0.00	0.02	29.60	0.00	0.00	0.00
24.00	0.02	0.00	0.02	29.70	0.00	0.00	0.00
24.10	0.00	0.00	0.00	29.80	0.00	0.00	0.00
24.20	0.00	0.00	0.00	29.90	0.00	0.00	0.00
24.30	0.00	0.00	0.00	30.00	0.00	0.00	0.00
24.40	0.00	0.00	0.00	30.10	0.00	0.00	0.00
24.50	0.00	0.00	0.00	30.20	0.00	0.00	0.00
24.60	0.00	0.00	0.00	30.30	0.00	0.00	0.00
24.70	0.00	0.00	0.00	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

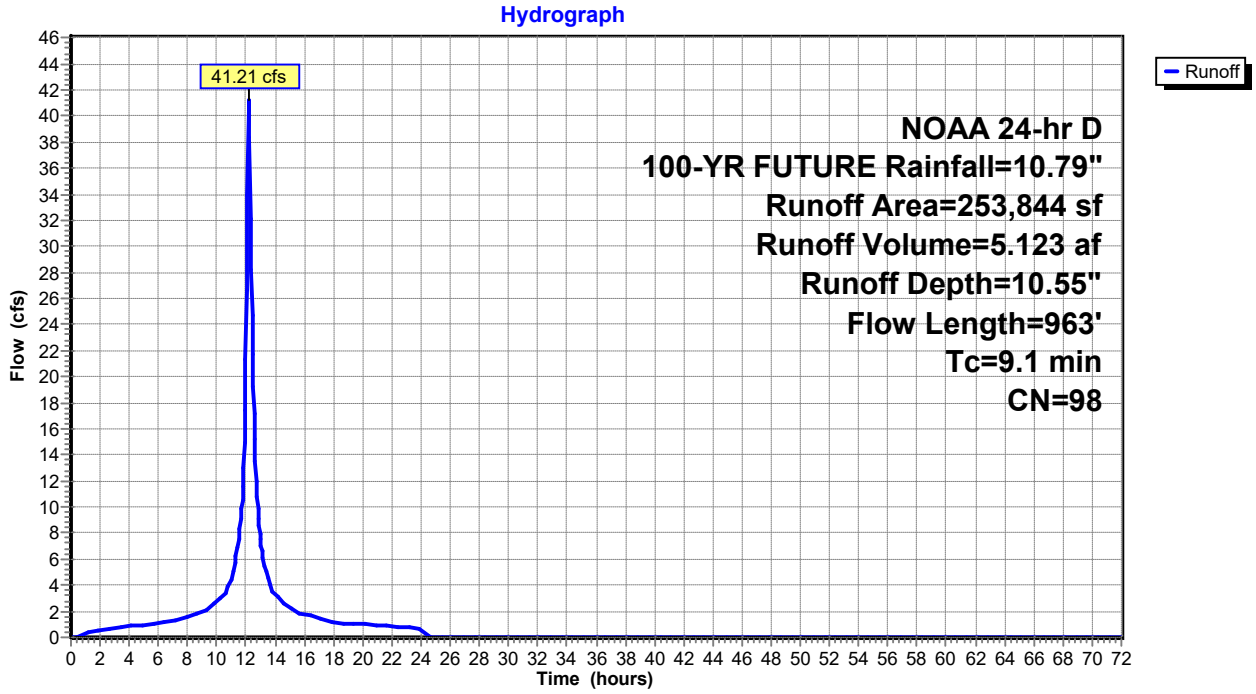
Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Subcatchment 1S: EDA 1-Impervious



Hydrograph for Subcatchment 1S: EDA 1-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.86	0.66	1.03
0.10	0.01	0.00	0.00	5.80	0.88	0.68	1.04
0.20	0.02	0.00	0.00	5.90	0.90	0.70	1.05
0.30	0.04	0.00	0.00	6.00	0.92	0.71	1.06
0.40	0.05	0.00	0.00	6.10	0.94	0.73	1.07
0.50	0.06	0.00	0.02	6.20	0.96	0.75	1.09
0.60	0.07	0.00	0.06	6.30	0.98	0.77	1.11
0.70	0.09	0.01	0.11	6.40	1.00	0.79	1.14
0.80	0.10	0.01	0.17	6.50	1.02	0.81	1.16
0.90	0.11	0.02	0.22	6.60	1.04	0.83	1.19
1.00	0.12	0.02	0.27	6.70	1.07	0.86	1.22
1.10	0.14	0.03	0.32	6.80	1.09	0.88	1.25
1.20	0.15	0.04	0.36	6.90	1.11	0.90	1.28
1.30	0.16	0.05	0.40	7.00	1.14	0.92	1.31
1.40	0.18	0.05	0.43	7.10	1.16	0.95	1.33
1.50	0.19	0.06	0.46	7.20	1.19	0.97	1.36
1.60	0.20	0.07	0.49	7.30	1.21	1.00	1.39
1.70	0.22	0.08	0.52	7.40	1.24	1.02	1.42
1.80	0.23	0.09	0.54	7.50	1.26	1.05	1.45
1.90	0.24	0.10	0.57	7.60	1.29	1.07	1.48
2.00	0.26	0.11	0.59	7.70	1.32	1.10	1.51
2.10	0.27	0.12	0.61	7.80	1.34	1.13	1.54
2.20	0.29	0.14	0.63	7.90	1.37	1.15	1.57
2.30	0.30	0.15	0.65	8.00	1.40	1.18	1.59
2.40	0.32	0.16	0.67	8.10	1.43	1.21	1.62
2.50	0.33	0.17	0.68	8.20	1.46	1.24	1.65
2.60	0.35	0.18	0.70	8.30	1.49	1.27	1.68
2.70	0.36	0.20	0.71	8.40	1.52	1.30	1.71
2.80	0.38	0.21	0.73	8.50	1.55	1.33	1.74
2.90	0.39	0.22	0.74	8.60	1.58	1.36	1.77
3.00	0.41	0.23	0.76	8.70	1.61	1.39	1.80
3.10	0.42	0.25	0.77	8.80	1.65	1.42	1.83
3.20	0.44	0.26	0.78	8.90	1.68	1.46	1.85
3.30	0.45	0.28	0.79	9.00	1.71	1.49	1.88
3.40	0.47	0.29	0.81	9.10	1.75	1.52	1.92
3.50	0.48	0.30	0.82	9.20	1.78	1.56	1.99
3.60	0.50	0.32	0.83	9.30	1.82	1.60	2.07
3.70	0.52	0.33	0.84	9.40	1.86	1.64	2.16
3.80	0.53	0.35	0.85	9.50	1.90	1.68	2.26
3.90	0.55	0.36	0.86	9.60	1.95	1.72	2.35
4.00	0.57	0.38	0.87	9.70	1.99	1.77	2.45
4.10	0.58	0.39	0.88	9.80	2.04	1.81	2.55
4.20	0.60	0.41	0.89	9.90	2.09	1.86	2.65
4.30	0.62	0.42	0.90	10.00	2.14	1.91	2.75
4.40	0.63	0.44	0.91	10.10	2.19	1.96	2.85
4.50	0.65	0.46	0.92	10.20	2.24	2.02	2.95
4.60	0.67	0.47	0.93	10.30	2.30	2.07	3.05
4.70	0.68	0.49	0.94	10.40	2.36	2.13	3.16
4.80	0.70	0.51	0.95	10.50	2.42	2.19	3.26
4.90	0.72	0.52	0.96	10.60	2.48	2.25	3.40
5.00	0.74	0.54	0.97	10.70	2.55	2.32	3.64
5.10	0.76	0.56	0.98	10.80	2.63	2.40	3.94
5.20	0.77	0.57	0.99	10.90	2.71	2.48	4.27
5.30	0.79	0.59	1.00	11.00	2.80	2.57	4.62
5.40	0.81	0.61	1.00	11.10	2.91	2.67	5.02
5.50	0.83	0.63	1.01	11.20	3.02	2.79	5.53
5.60	0.85	0.64	1.02	11.30	3.14	2.91	6.10

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	3.28	3.04	6.71	17.10	9.68	9.44	1.44
11.50	3.42	3.19	7.33	17.20	9.70	9.46	1.42
11.60	3.62	3.38	8.37	17.30	9.72	9.48	1.39
11.70	3.82	3.59	9.82	17.40	9.75	9.50	1.36
11.80	4.10	3.87	11.61	17.50	9.77	9.53	1.33
11.90	4.49	4.26	14.90	17.60	9.79	9.55	1.30
12.00	5.17	4.93	21.36	17.70	9.81	9.57	1.27
12.10	6.30	6.06	**33.94**	17.80	9.83	9.59	1.25
12.20	6.69	6.45	**40.37**	17.90	9.85	9.61	1.22
12.30	6.97	6.73	32.13	18.00	9.87	9.63	1.19
12.40	7.17	6.94	24.76	18.10	9.89	9.65	1.16
12.50	7.37	7.13	19.25	18.20	9.91	9.67	1.14
12.60	7.51	7.28	15.27	18.30	9.93	9.68	1.12
12.70	7.65	7.41	12.01	18.40	9.94	9.70	1.11
12.80	7.77	7.53	9.91	18.50	9.96	9.72	1.10
12.90	7.88	7.64	8.53	18.60	9.98	9.74	1.09
13.00	7.99	7.75	7.48	18.70	10.00	9.76	1.08
13.10	8.08	7.84	6.59	18.80	10.02	9.78	1.07
13.20	8.16	7.92	5.92	18.90	10.03	9.79	1.07
13.30	8.24	8.00	5.40	19.00	10.05	9.81	1.06
13.40	8.31	8.07	4.95	19.10	10.07	9.83	1.05
13.50	8.37	8.13	4.54	19.20	10.09	9.85	1.05
13.60	8.43	8.19	4.15	19.30	10.11	9.86	1.04
13.70	8.49	8.25	3.82	19.40	10.12	9.88	1.03
13.80	8.55	8.31	3.59	19.50	10.14	9.90	1.02
13.90	8.60	8.36	3.42	19.60	10.16	9.92	1.02
14.00	8.65	8.41	3.28	19.70	10.17	9.93	1.01
14.10	8.70	8.46	3.16	19.80	10.19	9.95	1.00
14.20	8.75	8.51	3.05	19.90	10.21	9.97	1.00
14.30	8.80	8.56	2.94	20.00	10.22	9.98	0.99
14.40	8.84	8.60	2.84	20.10	10.24	10.00	0.98
14.50	8.89	8.65	2.74	20.20	10.26	10.02	0.98
14.60	8.93	8.69	2.64	20.30	10.27	10.03	0.97
14.70	8.97	8.73	2.54	20.40	10.29	10.05	0.96
14.80	9.01	8.77	2.44	20.50	10.31	10.06	0.95
14.90	9.04	8.80	2.34	20.60	10.32	10.08	0.95
15.00	9.08	8.84	2.24	20.70	10.34	10.10	0.94
15.10	9.11	8.87	2.14	20.80	10.35	10.11	0.93
15.20	9.14	8.90	2.05	20.90	10.37	10.13	0.93
15.30	9.18	8.94	1.99	21.00	10.38	10.14	0.92
15.40	9.21	8.97	1.94	21.10	10.40	10.16	0.91
15.50	9.24	9.00	1.91	21.20	10.41	10.17	0.90
15.60	9.27	9.03	1.87	21.30	10.43	10.19	0.90
15.70	9.30	9.06	1.84	21.40	10.44	10.20	0.89
15.80	9.33	9.09	1.81	21.50	10.46	10.22	0.88
15.90	9.36	9.12	1.78	21.60	10.47	10.23	0.88
16.00	9.39	9.15	1.75	21.70	10.49	10.25	0.87
16.10	9.42	9.18	1.73	21.80	10.50	10.26	0.86
16.20	9.45	9.21	1.70	21.90	10.52	10.28	0.85
16.30	9.47	9.23	1.67	22.00	10.53	10.29	0.85
16.40	9.50	9.26	1.64	22.10	10.55	10.30	0.84
16.50	9.53	9.29	1.61	22.20	10.56	10.32	0.83
16.60	9.55	9.31	1.58	22.30	10.57	10.33	0.83
16.70	9.58	9.34	1.56	22.40	10.59	10.35	0.82
16.80	9.60	9.36	1.53	22.50	10.60	10.36	0.81
16.90	9.63	9.39	1.50	22.60	10.61	10.37	0.80
17.00	9.65	9.41	1.47	22.70	10.63	10.39	0.80

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	10.64	10.40	0.79	28.50	10.79	10.55	0.00
22.90	10.65	10.41	0.78	28.60	10.79	10.55	0.00
23.00	10.67	10.43	0.78	28.70	10.79	10.55	0.00
23.10	10.68	10.44	0.77	28.80	10.79	10.55	0.00
23.20	10.69	10.45	0.76	28.90	10.79	10.55	0.00
23.30	10.70	10.46	0.76	29.00	10.79	10.55	0.00
23.40	10.72	10.48	0.75	29.10	10.79	10.55	0.00
23.50	10.73	10.49	0.74	29.20	10.79	10.55	0.00
23.60	10.74	10.50	0.73	29.30	10.79	10.55	0.00
23.70	10.75	10.51	0.73	29.40	10.79	10.55	0.00
23.80	10.77	10.53	0.72	29.50	10.79	10.55	0.00
23.90	10.78	10.54	0.71	29.60	10.79	10.55	0.00
24.00	**10.79**	**10.55**	0.71	29.70	10.79	10.55	0.00
24.10	10.79	10.55	0.58	29.80	10.79	10.55	0.00
24.20	10.79	10.55	0.33	29.90	10.79	10.55	0.00
24.30	10.79	10.55	0.18	30.00	10.79	10.55	0.00
24.40	10.79	10.55	0.10	30.10	10.79	10.55	0.00
24.50	10.79	10.55	0.05	30.20	10.79	10.55	0.00
24.60	10.79	10.55	0.02	30.30	10.79	10.55	0.00
24.70	10.79	10.55	0.01	30.40	10.79	10.55	0.00
24.80	10.79	10.55	0.00	30.50	10.79	10.55	0.00
24.90	10.79	10.55	0.00	30.60	10.79	10.55	0.00
25.00	10.79	10.55	0.00	30.70	10.79	10.55	0.00
25.10	10.79	10.55	0.00	30.80	10.79	10.55	0.00
25.20	10.79	10.55	0.00	30.90	10.79	10.55	0.00
25.30	10.79	10.55	0.00	31.00	10.79	10.55	0.00
25.40	10.79	10.55	0.00	31.10	10.79	10.55	0.00
25.50	10.79	10.55	0.00	31.20	10.79	10.55	0.00
25.60	10.79	10.55	0.00	31.30	10.79	10.55	0.00
25.70	10.79	10.55	0.00	31.40	10.79	10.55	0.00
25.80	10.79	10.55	0.00	31.50	10.79	10.55	0.00
25.90	10.79	10.55	0.00	31.60	10.79	10.55	0.00
26.00	10.79	10.55	0.00	31.70	10.79	10.55	0.00
26.10	10.79	10.55	0.00	31.80	10.79	10.55	0.00
26.20	10.79	10.55	0.00	31.90	10.79	10.55	0.00
26.30	10.79	10.55	0.00	32.00	10.79	10.55	0.00
26.40	10.79	10.55	0.00	32.10	10.79	10.55	0.00
26.50	10.79	10.55	0.00	32.20	10.79	10.55	0.00
26.60	10.79	10.55	0.00	32.30	10.79	10.55	0.00
26.70	10.79	10.55	0.00	32.40	10.79	10.55	0.00
26.80	10.79	10.55	0.00	32.50	10.79	10.55	0.00
26.90	10.79	10.55	0.00	32.60	10.79	10.55	0.00
27.00	10.79	10.55	0.00	32.70	10.79	10.55	0.00
27.10	10.79	10.55	0.00	32.80	10.79	10.55	0.00
27.20	10.79	10.55	0.00	32.90	10.79	10.55	0.00
27.30	10.79	10.55	0.00	33.00	10.79	10.55	0.00
27.40	10.79	10.55	0.00	33.10	10.79	10.55	0.00
27.50	10.79	10.55	0.00	33.20	10.79	10.55	0.00
27.60	10.79	10.55	0.00	33.30	10.79	10.55	0.00
27.70	10.79	10.55	0.00	33.40	10.79	10.55	0.00
27.80	10.79	10.55	0.00	33.50	10.79	10.55	0.00
27.90	10.79	10.55	0.00	33.60	10.79	10.55	0.00
28.00	10.79	10.55	0.00	33.70	10.79	10.55	0.00
28.10	10.79	10.55	0.00	33.80	10.79	10.55	0.00
28.20	10.79	10.55	0.00	33.90	10.79	10.55	0.00
28.30	10.79	10.55	0.00	34.00	10.79	10.55	0.00
28.40	10.79	10.55	0.00	34.10	10.79	10.55	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	10.79	10.55	0.00	39.90	10.79	10.55	0.00
34.30	10.79	10.55	0.00	40.00	10.79	10.55	0.00
34.40	10.79	10.55	0.00	40.10	10.79	10.55	0.00
34.50	10.79	10.55	0.00	40.20	10.79	10.55	0.00
34.60	10.79	10.55	0.00	40.30	10.79	10.55	0.00
34.70	10.79	10.55	0.00	40.40	10.79	10.55	0.00
34.80	10.79	10.55	0.00	40.50	10.79	10.55	0.00
34.90	10.79	10.55	0.00	40.60	10.79	10.55	0.00
35.00	10.79	10.55	0.00	40.70	10.79	10.55	0.00
35.10	10.79	10.55	0.00	40.80	10.79	10.55	0.00
35.20	10.79	10.55	0.00	40.90	10.79	10.55	0.00
35.30	10.79	10.55	0.00	41.00	10.79	10.55	0.00
35.40	10.79	10.55	0.00	41.10	10.79	10.55	0.00
35.50	10.79	10.55	0.00	41.20	10.79	10.55	0.00
35.60	10.79	10.55	0.00	41.30	10.79	10.55	0.00
35.70	10.79	10.55	0.00	41.40	10.79	10.55	0.00
35.80	10.79	10.55	0.00	41.50	10.79	10.55	0.00
35.90	10.79	10.55	0.00	41.60	10.79	10.55	0.00
36.00	10.79	10.55	0.00	41.70	10.79	10.55	0.00
36.10	10.79	10.55	0.00	41.80	10.79	10.55	0.00
36.20	10.79	10.55	0.00	41.90	10.79	10.55	0.00
36.30	10.79	10.55	0.00	42.00	10.79	10.55	0.00
36.40	10.79	10.55	0.00	42.10	10.79	10.55	0.00
36.50	10.79	10.55	0.00	42.20	10.79	10.55	0.00
36.60	10.79	10.55	0.00	42.30	10.79	10.55	0.00
36.70	10.79	10.55	0.00	42.40	10.79	10.55	0.00
36.80	10.79	10.55	0.00	42.50	10.79	10.55	0.00
36.90	10.79	10.55	0.00	42.60	10.79	10.55	0.00
37.00	10.79	10.55	0.00	42.70	10.79	10.55	0.00
37.10	10.79	10.55	0.00	42.80	10.79	10.55	0.00
37.20	10.79	10.55	0.00	42.90	10.79	10.55	0.00
37.30	10.79	10.55	0.00	43.00	10.79	10.55	0.00
37.40	10.79	10.55	0.00	43.10	10.79	10.55	0.00
37.50	10.79	10.55	0.00	43.20	10.79	10.55	0.00
37.60	10.79	10.55	0.00	43.30	10.79	10.55	0.00
37.70	10.79	10.55	0.00	43.40	10.79	10.55	0.00
37.80	10.79	10.55	0.00	43.50	10.79	10.55	0.00
37.90	10.79	10.55	0.00	43.60	10.79	10.55	0.00
38.00	10.79	10.55	0.00	43.70	10.79	10.55	0.00
38.10	10.79	10.55	0.00	43.80	10.79	10.55	0.00
38.20	10.79	10.55	0.00	43.90	10.79	10.55	0.00
38.30	10.79	10.55	0.00	44.00	10.79	10.55	0.00
38.40	10.79	10.55	0.00	44.10	10.79	10.55	0.00
38.50	10.79	10.55	0.00	44.20	10.79	10.55	0.00
38.60	10.79	10.55	0.00	44.30	10.79	10.55	0.00
38.70	10.79	10.55	0.00	44.40	10.79	10.55	0.00
38.80	10.79	10.55	0.00	44.50	10.79	10.55	0.00
38.90	10.79	10.55	0.00	44.60	10.79	10.55	0.00
39.00	10.79	10.55	0.00	44.70	10.79	10.55	0.00
39.10	10.79	10.55	0.00	44.80	10.79	10.55	0.00
39.20	10.79	10.55	0.00	44.90	10.79	10.55	0.00
39.30	10.79	10.55	0.00	45.00	10.79	10.55	0.00
39.40	10.79	10.55	0.00	45.10	10.79	10.55	0.00
39.50	10.79	10.55	0.00	45.20	10.79	10.55	0.00
39.60	10.79	10.55	0.00	45.30	10.79	10.55	0.00
39.70	10.79	10.55	0.00	45.40	10.79	10.55	0.00
39.80	10.79	10.55	0.00	45.50	10.79	10.55	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	10.79	10.55	0.00	51.30	10.79	10.55	0.00
45.70	10.79	10.55	0.00	51.40	10.79	10.55	0.00
45.80	10.79	10.55	0.00	51.50	10.79	10.55	0.00
45.90	10.79	10.55	0.00	51.60	10.79	10.55	0.00
46.00	10.79	10.55	0.00	51.70	10.79	10.55	0.00
46.10	10.79	10.55	0.00	51.80	10.79	10.55	0.00
46.20	10.79	10.55	0.00	51.90	10.79	10.55	0.00
46.30	10.79	10.55	0.00	52.00	10.79	10.55	0.00
46.40	10.79	10.55	0.00	52.10	10.79	10.55	0.00
46.50	10.79	10.55	0.00	52.20	10.79	10.55	0.00
46.60	10.79	10.55	0.00	52.30	10.79	10.55	0.00
46.70	10.79	10.55	0.00	52.40	10.79	10.55	0.00
46.80	10.79	10.55	0.00	52.50	10.79	10.55	0.00
46.90	10.79	10.55	0.00	52.60	10.79	10.55	0.00
47.00	10.79	10.55	0.00	52.70	10.79	10.55	0.00
47.10	10.79	10.55	0.00	52.80	10.79	10.55	0.00
47.20	10.79	10.55	0.00	52.90	10.79	10.55	0.00
47.30	10.79	10.55	0.00	53.00	10.79	10.55	0.00
47.40	10.79	10.55	0.00	53.10	10.79	10.55	0.00
47.50	10.79	10.55	0.00	53.20	10.79	10.55	0.00
47.60	10.79	10.55	0.00	53.30	10.79	10.55	0.00
47.70	10.79	10.55	0.00	53.40	10.79	10.55	0.00
47.80	10.79	10.55	0.00	53.50	10.79	10.55	0.00
47.90	10.79	10.55	0.00	53.60	10.79	10.55	0.00
48.00	10.79	10.55	0.00	53.70	10.79	10.55	0.00
48.10	10.79	10.55	0.00	53.80	10.79	10.55	0.00
48.20	10.79	10.55	0.00	53.90	10.79	10.55	0.00
48.30	10.79	10.55	0.00	54.00	10.79	10.55	0.00
48.40	10.79	10.55	0.00	54.10	10.79	10.55	0.00
48.50	10.79	10.55	0.00	54.20	10.79	10.55	0.00
48.60	10.79	10.55	0.00	54.30	10.79	10.55	0.00
48.70	10.79	10.55	0.00	54.40	10.79	10.55	0.00
48.80	10.79	10.55	0.00	54.50	10.79	10.55	0.00
48.90	10.79	10.55	0.00	54.60	10.79	10.55	0.00
49.00	10.79	10.55	0.00	54.70	10.79	10.55	0.00
49.10	10.79	10.55	0.00	54.80	10.79	10.55	0.00
49.20	10.79	10.55	0.00	54.90	10.79	10.55	0.00
49.30	10.79	10.55	0.00	55.00	10.79	10.55	0.00
49.40	10.79	10.55	0.00	55.10	10.79	10.55	0.00
49.50	10.79	10.55	0.00	55.20	10.79	10.55	0.00
49.60	10.79	10.55	0.00	55.30	10.79	10.55	0.00
49.70	10.79	10.55	0.00	55.40	10.79	10.55	0.00
49.80	10.79	10.55	0.00	55.50	10.79	10.55	0.00
49.90	10.79	10.55	0.00	55.60	10.79	10.55	0.00
50.00	10.79	10.55	0.00	55.70	10.79	10.55	0.00
50.10	10.79	10.55	0.00	55.80	10.79	10.55	0.00
50.20	10.79	10.55	0.00	55.90	10.79	10.55	0.00
50.30	10.79	10.55	0.00	56.00	10.79	10.55	0.00
50.40	10.79	10.55	0.00	56.10	10.79	10.55	0.00
50.50	10.79	10.55	0.00	56.20	10.79	10.55	0.00
50.60	10.79	10.55	0.00	56.30	10.79	10.55	0.00
50.70	10.79	10.55	0.00	56.40	10.79	10.55	0.00
50.80	10.79	10.55	0.00	56.50	10.79	10.55	0.00
50.90	10.79	10.55	0.00	56.60	10.79	10.55	0.00
51.00	10.79	10.55	0.00	56.70	10.79	10.55	0.00
51.10	10.79	10.55	0.00	56.80	10.79	10.55	0.00
51.20	10.79	10.55	0.00	56.90	10.79	10.55	0.00

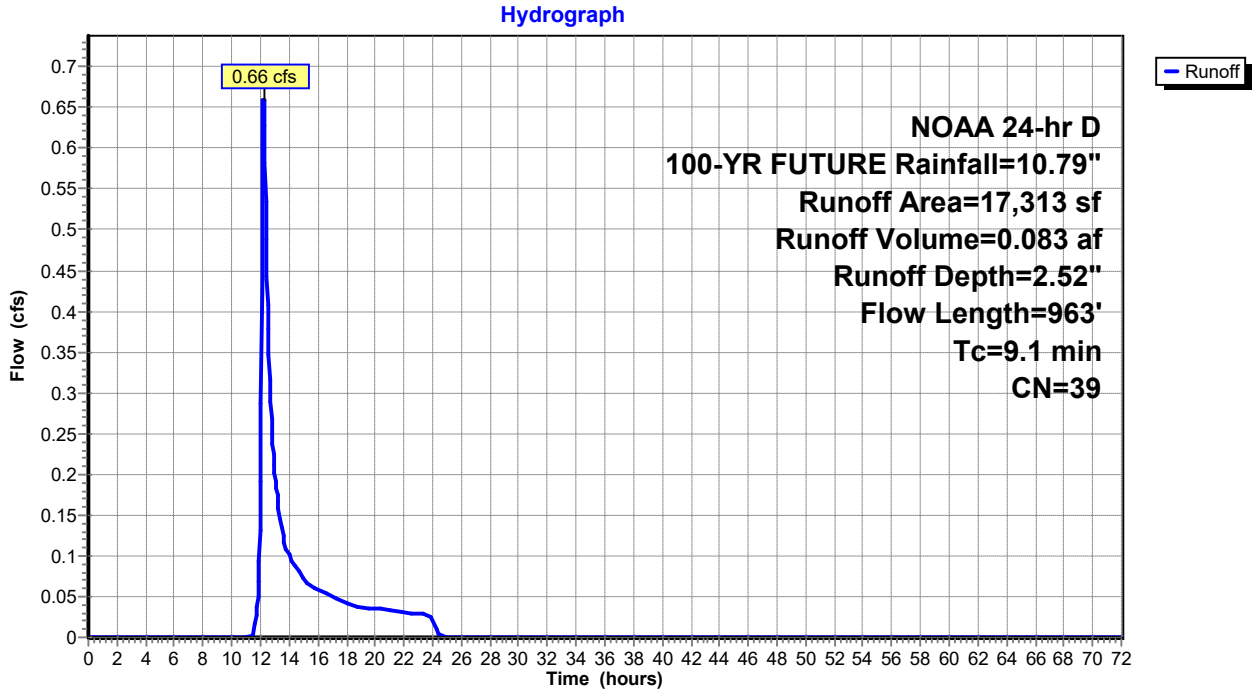
Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	10.79	10.55	0.00	62.70	10.79	10.55	0.00
57.10	10.79	10.55	0.00	62.80	10.79	10.55	0.00
57.20	10.79	10.55	0.00	62.90	10.79	10.55	0.00
57.30	10.79	10.55	0.00	63.00	10.79	10.55	0.00
57.40	10.79	10.55	0.00	63.10	10.79	10.55	0.00
57.50	10.79	10.55	0.00	63.20	10.79	10.55	0.00
57.60	10.79	10.55	0.00	63.30	10.79	10.55	0.00
57.70	10.79	10.55	0.00	63.40	10.79	10.55	0.00
57.80	10.79	10.55	0.00	63.50	10.79	10.55	0.00
57.90	10.79	10.55	0.00	63.60	10.79	10.55	0.00
58.00	10.79	10.55	0.00	63.70	10.79	10.55	0.00
58.10	10.79	10.55	0.00	63.80	10.79	10.55	0.00
58.20	10.79	10.55	0.00	63.90	10.79	10.55	0.00
58.30	10.79	10.55	0.00	64.00	10.79	10.55	0.00
58.40	10.79	10.55	0.00	64.10	10.79	10.55	0.00
58.50	10.79	10.55	0.00	64.20	10.79	10.55	0.00
58.60	10.79	10.55	0.00	64.30	10.79	10.55	0.00
58.70	10.79	10.55	0.00	64.40	10.79	10.55	0.00
58.80	10.79	10.55	0.00	64.50	10.79	10.55	0.00
58.90	10.79	10.55	0.00	64.60	10.79	10.55	0.00
59.00	10.79	10.55	0.00	64.70	10.79	10.55	0.00
59.10	10.79	10.55	0.00	64.80	10.79	10.55	0.00
59.20	10.79	10.55	0.00	64.90	10.79	10.55	0.00
59.30	10.79	10.55	0.00	65.00	10.79	10.55	0.00
59.40	10.79	10.55	0.00	65.10	10.79	10.55	0.00
59.50	10.79	10.55	0.00	65.20	10.79	10.55	0.00
59.60	10.79	10.55	0.00	65.30	10.79	10.55	0.00
59.70	10.79	10.55	0.00	65.40	10.79	10.55	0.00
59.80	10.79	10.55	0.00	65.50	10.79	10.55	0.00
59.90	10.79	10.55	0.00	65.60	10.79	10.55	0.00
60.00	10.79	10.55	0.00	65.70	10.79	10.55	0.00
60.10	10.79	10.55	0.00	65.80	10.79	10.55	0.00
60.20	10.79	10.55	0.00	65.90	10.79	10.55	0.00
60.30	10.79	10.55	0.00	66.00	10.79	10.55	0.00
60.40	10.79	10.55	0.00	66.10	10.79	10.55	0.00
60.50	10.79	10.55	0.00	66.20	10.79	10.55	0.00
60.60	10.79	10.55	0.00	66.30	10.79	10.55	0.00
60.70	10.79	10.55	0.00	66.40	10.79	10.55	0.00
60.80	10.79	10.55	0.00	66.50	10.79	10.55	0.00
60.90	10.79	10.55	0.00	66.60	10.79	10.55	0.00
61.00	10.79	10.55	0.00	66.70	10.79	10.55	0.00
61.10	10.79	10.55	0.00	66.80	10.79	10.55	0.00
61.20	10.79	10.55	0.00	66.90	10.79	10.55	0.00
61.30	10.79	10.55	0.00	67.00	10.79	10.55	0.00
61.40	10.79	10.55	0.00	67.10	10.79	10.55	0.00
61.50	10.79	10.55	0.00	67.20	10.79	10.55	0.00
61.60	10.79	10.55	0.00	67.30	10.79	10.55	0.00
61.70	10.79	10.55	0.00	67.40	10.79	10.55	0.00
61.80	10.79	10.55	0.00	67.50	10.79	10.55	0.00
61.90	10.79	10.55	0.00	67.60	10.79	10.55	0.00
62.00	10.79	10.55	0.00	67.70	10.79	10.55	0.00
62.10	10.79	10.55	0.00	67.80	10.79	10.55	0.00
62.20	10.79	10.55	0.00	67.90	10.79	10.55	0.00
62.30	10.79	10.55	0.00	68.00	10.79	10.55	0.00
62.40	10.79	10.55	0.00	68.10	10.79	10.55	0.00
62.50	10.79	10.55	0.00	68.20	10.79	10.55	0.00
62.60	10.79	10.55	0.00	68.30	10.79	10.55	0.00

Hydrograph for Subcatchment 1S: EDA 1-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	10.79	10.55	0.00
68.50	10.79	10.55	0.00
68.60	10.79	10.55	0.00
68.70	10.79	10.55	0.00
68.80	10.79	10.55	0.00
68.90	10.79	10.55	0.00
69.00	10.79	10.55	0.00
69.10	10.79	10.55	0.00
69.20	10.79	10.55	0.00
69.30	10.79	10.55	0.00
69.40	10.79	10.55	0.00
69.50	10.79	10.55	0.00
69.60	10.79	10.55	0.00
69.70	10.79	10.55	0.00
69.80	10.79	10.55	0.00
69.90	10.79	10.55	0.00
70.00	10.79	10.55	0.00
70.10	10.79	10.55	0.00
70.20	10.79	10.55	0.00
70.30	10.79	10.55	0.00
70.40	10.79	10.55	0.00
70.50	10.79	10.55	0.00
70.60	10.79	10.55	0.00
70.70	10.79	10.55	0.00
70.80	10.79	10.55	0.00
70.90	10.79	10.55	0.00
71.00	10.79	10.55	0.00
71.10	10.79	10.55	0.00
71.20	10.79	10.55	0.00
71.30	10.79	10.55	0.00
71.40	10.79	10.55	0.00
71.50	10.79	10.55	0.00
71.60	10.79	10.55	0.00
71.70	10.79	10.55	0.00
71.80	10.79	10.55	0.00
71.90	10.79	10.55	0.00
72.00	10.79	10.55	0.00

Subcatchment 2S: EDA 1-Pervious



Hydrograph for Subcatchment 2S: EDA 1-Pervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.86	0.00	0.00
0.10	0.01	0.00	0.00	5.80	0.88	0.00	0.00
0.20	0.02	0.00	0.00	5.90	0.90	0.00	0.00
0.30	0.04	0.00	0.00	6.00	0.92	0.00	0.00
0.40	0.05	0.00	0.00	6.10	0.94	0.00	0.00
0.50	0.06	0.00	0.00	6.20	0.96	0.00	0.00
0.60	0.07	0.00	0.00	6.30	0.98	0.00	0.00
0.70	0.09	0.00	0.00	6.40	1.00	0.00	0.00
0.80	0.10	0.00	0.00	6.50	1.02	0.00	0.00
0.90	0.11	0.00	0.00	6.60	1.04	0.00	0.00
1.00	0.12	0.00	0.00	6.70	1.07	0.00	0.00
1.10	0.14	0.00	0.00	6.80	1.09	0.00	0.00
1.20	0.15	0.00	0.00	6.90	1.11	0.00	0.00
1.30	0.16	0.00	0.00	7.00	1.14	0.00	0.00
1.40	0.18	0.00	0.00	7.10	1.16	0.00	0.00
1.50	0.19	0.00	0.00	7.20	1.19	0.00	0.00
1.60	0.20	0.00	0.00	7.30	1.21	0.00	0.00
1.70	0.22	0.00	0.00	7.40	1.24	0.00	0.00
1.80	0.23	0.00	0.00	7.50	1.26	0.00	0.00
1.90	0.24	0.00	0.00	7.60	1.29	0.00	0.00
2.00	0.26	0.00	0.00	7.70	1.32	0.00	0.00
2.10	0.27	0.00	0.00	7.80	1.34	0.00	0.00
2.20	0.29	0.00	0.00	7.90	1.37	0.00	0.00
2.30	0.30	0.00	0.00	8.00	1.40	0.00	0.00
2.40	0.32	0.00	0.00	8.10	1.43	0.00	0.00
2.50	0.33	0.00	0.00	8.20	1.46	0.00	0.00
2.60	0.35	0.00	0.00	8.30	1.49	0.00	0.00
2.70	0.36	0.00	0.00	8.40	1.52	0.00	0.00
2.80	0.38	0.00	0.00	8.50	1.55	0.00	0.00
2.90	0.39	0.00	0.00	8.60	1.58	0.00	0.00
3.00	0.41	0.00	0.00	8.70	1.61	0.00	0.00
3.10	0.42	0.00	0.00	8.80	1.65	0.00	0.00
3.20	0.44	0.00	0.00	8.90	1.68	0.00	0.00
3.30	0.45	0.00	0.00	9.00	1.71	0.00	0.00
3.40	0.47	0.00	0.00	9.10	1.75	0.00	0.00
3.50	0.48	0.00	0.00	9.20	1.78	0.00	0.00
3.60	0.50	0.00	0.00	9.30	1.82	0.00	0.00
3.70	0.52	0.00	0.00	9.40	1.86	0.00	0.00
3.80	0.53	0.00	0.00	9.50	1.90	0.00	0.00
3.90	0.55	0.00	0.00	9.60	1.95	0.00	0.00
4.00	0.57	0.00	0.00	9.70	1.99	0.00	0.00
4.10	0.58	0.00	0.00	9.80	2.04	0.00	0.00
4.20	0.60	0.00	0.00	9.90	2.09	0.00	0.00
4.30	0.62	0.00	0.00	10.00	2.14	0.00	0.00
4.40	0.63	0.00	0.00	10.10	2.19	0.00	0.00
4.50	0.65	0.00	0.00	10.20	2.24	0.00	0.00
4.60	0.67	0.00	0.00	10.30	2.30	0.00	0.00
4.70	0.68	0.00	0.00	10.40	2.36	0.00	0.00
4.80	0.70	0.00	0.00	10.50	2.42	0.00	0.00
4.90	0.72	0.00	0.00	10.60	2.48	0.00	0.00
5.00	0.74	0.00	0.00	10.70	2.55	0.00	0.00
5.10	0.76	0.00	0.00	10.80	2.63	0.00	0.00
5.20	0.77	0.00	0.00	10.90	2.71	0.00	0.00
5.30	0.79	0.00	0.00	11.00	2.80	0.00	0.00
5.40	0.81	0.00	0.00	11.10	2.91	0.00	0.00
5.50	0.83	0.00	0.00	11.20	3.02	0.00	0.00
5.60	0.85	0.00	0.00	11.30	3.14	0.00	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	3.28	0.00	0.00	17.10	9.68	1.93	0.05
11.50	3.42	0.01	0.00	17.20	9.70	1.94	0.05
11.60	3.62	0.01	0.01	17.30	9.72	1.96	0.05
11.70	3.82	0.03	0.03	17.40	9.75	1.97	0.05
11.80	4.10	0.06	0.05	17.50	9.77	1.98	0.05
11.90	4.49	0.11	0.09	17.60	9.79	1.99	0.04
12.00	5.17	0.24	0.19	17.70	9.81	2.00	0.04
12.10	6.30	0.53	0.44	17.80	9.83	2.01	0.04
12.20	6.69	0.66	**0.66**	17.90	9.85	2.02	0.04
12.30	6.97	0.76	0.58	18.00	9.87	2.03	0.04
12.40	7.17	0.83	0.49	18.10	9.89	2.04	0.04
12.50	7.37	0.90	0.41	18.20	9.91	2.05	0.04
12.60	7.51	0.96	0.35	18.30	9.93	2.06	0.04
12.70	7.65	1.01	0.29	18.40	9.94	2.07	0.04
12.80	7.77	1.06	0.25	18.50	9.96	2.08	0.04
12.90	7.88	1.11	0.22	18.60	9.98	2.09	0.04
13.00	7.99	1.15	0.20	18.70	10.00	2.10	0.04
13.10	8.08	1.19	0.18	18.80	10.02	2.11	0.04
13.20	8.16	1.22	0.17	18.90	10.03	2.12	0.04
13.30	8.24	1.26	0.15	19.00	10.05	2.12	0.04
13.40	8.31	1.29	0.14	19.10	10.07	2.13	0.04
13.50	8.37	1.32	0.13	19.20	10.09	2.14	0.04
13.60	8.43	1.34	0.12	19.30	10.11	2.15	0.04
13.70	8.49	1.37	0.11	19.40	10.12	2.16	0.04
13.80	8.55	1.39	0.11	19.50	10.14	2.17	0.04
13.90	8.60	1.42	0.10	19.60	10.16	2.18	0.04
14.00	8.65	1.44	0.10	19.70	10.17	2.19	0.04
14.10	8.70	1.46	0.10	19.80	10.19	2.20	0.04
14.20	8.75	1.49	0.09	19.90	10.21	2.21	0.04
14.30	8.80	1.51	0.09	20.00	10.22	2.21	0.04
14.40	8.84	1.53	0.09	20.10	10.24	2.22	0.04
14.50	8.89	1.55	0.09	20.20	10.26	2.23	0.04
14.60	8.93	1.57	0.08	20.30	10.27	2.24	0.03
14.70	8.97	1.59	0.08	20.40	10.29	2.25	0.03
14.80	9.01	1.61	0.08	20.50	10.31	2.26	0.03
14.90	9.04	1.62	0.07	20.60	10.32	2.27	0.03
15.00	9.08	1.64	0.07	20.70	10.34	2.27	0.03
15.10	9.11	1.66	0.07	20.80	10.35	2.28	0.03
15.20	9.14	1.67	0.07	20.90	10.37	2.29	0.03
15.30	9.18	1.69	0.06	21.00	10.38	2.30	0.03
15.40	9.21	1.70	0.06	21.10	10.40	2.31	0.03
15.50	9.24	1.72	0.06	21.20	10.41	2.32	0.03
15.60	9.27	1.73	0.06	21.30	10.43	2.32	0.03
15.70	9.30	1.75	0.06	21.40	10.44	2.33	0.03
15.80	9.33	1.76	0.06	21.50	10.46	2.34	0.03
15.90	9.36	1.78	0.06	21.60	10.47	2.35	0.03
16.00	9.39	1.79	0.06	21.70	10.49	2.35	0.03
16.10	9.42	1.80	0.06	21.80	10.50	2.36	0.03
16.20	9.45	1.82	0.06	21.90	10.52	2.37	0.03
16.30	9.47	1.83	0.06	22.00	10.53	2.38	0.03
16.40	9.50	1.84	0.06	22.10	10.55	2.39	0.03
16.50	9.53	1.86	0.05	22.20	10.56	2.39	0.03
16.60	9.55	1.87	0.05	22.30	10.57	2.40	0.03
16.70	9.58	1.88	0.05	22.40	10.59	2.41	0.03
16.80	9.60	1.90	0.05	22.50	10.60	2.42	0.03
16.90	9.63	1.91	0.05	22.60	10.61	2.42	0.03
17.00	9.65	1.92	0.05	22.70	10.63	2.43	0.03

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	10.64	2.44	0.03	28.50	10.79	2.52	0.00
22.90	10.65	2.44	0.03	28.60	10.79	2.52	0.00
23.00	10.67	2.45	0.03	28.70	10.79	2.52	0.00
23.10	10.68	2.46	0.03	28.80	10.79	2.52	0.00
23.20	10.69	2.47	0.03	28.90	10.79	2.52	0.00
23.30	10.70	2.47	0.03	29.00	10.79	2.52	0.00
23.40	10.72	2.48	0.03	29.10	10.79	2.52	0.00
23.50	10.73	2.49	0.03	29.20	10.79	2.52	0.00
23.60	10.74	2.49	0.03	29.30	10.79	2.52	0.00
23.70	10.75	2.50	0.03	29.40	10.79	2.52	0.00
23.80	10.77	2.51	0.03	29.50	10.79	2.52	0.00
23.90	10.78	2.51	0.03	29.60	10.79	2.52	0.00
24.00	**10.79**	**2.52**	0.03	29.70	10.79	2.52	0.00
24.10	10.79	2.52	0.02	29.80	10.79	2.52	0.00
24.20	10.79	2.52	0.01	29.90	10.79	2.52	0.00
24.30	10.79	2.52	0.01	30.00	10.79	2.52	0.00
24.40	10.79	2.52	0.00	30.10	10.79	2.52	0.00
24.50	10.79	2.52	0.00	30.20	10.79	2.52	0.00
24.60	10.79	2.52	0.00	30.30	10.79	2.52	0.00
24.70	10.79	2.52	0.00	30.40	10.79	2.52	0.00
24.80	10.79	2.52	0.00	30.50	10.79	2.52	0.00
24.90	10.79	2.52	0.00	30.60	10.79	2.52	0.00
25.00	10.79	2.52	0.00	30.70	10.79	2.52	0.00
25.10	10.79	2.52	0.00	30.80	10.79	2.52	0.00
25.20	10.79	2.52	0.00	30.90	10.79	2.52	0.00
25.30	10.79	2.52	0.00	31.00	10.79	2.52	0.00
25.40	10.79	2.52	0.00	31.10	10.79	2.52	0.00
25.50	10.79	2.52	0.00	31.20	10.79	2.52	0.00
25.60	10.79	2.52	0.00	31.30	10.79	2.52	0.00
25.70	10.79	2.52	0.00	31.40	10.79	2.52	0.00
25.80	10.79	2.52	0.00	31.50	10.79	2.52	0.00
25.90	10.79	2.52	0.00	31.60	10.79	2.52	0.00
26.00	10.79	2.52	0.00	31.70	10.79	2.52	0.00
26.10	10.79	2.52	0.00	31.80	10.79	2.52	0.00
26.20	10.79	2.52	0.00	31.90	10.79	2.52	0.00
26.30	10.79	2.52	0.00	32.00	10.79	2.52	0.00
26.40	10.79	2.52	0.00	32.10	10.79	2.52	0.00
26.50	10.79	2.52	0.00	32.20	10.79	2.52	0.00
26.60	10.79	2.52	0.00	32.30	10.79	2.52	0.00
26.70	10.79	2.52	0.00	32.40	10.79	2.52	0.00
26.80	10.79	2.52	0.00	32.50	10.79	2.52	0.00
26.90	10.79	2.52	0.00	32.60	10.79	2.52	0.00
27.00	10.79	2.52	0.00	32.70	10.79	2.52	0.00
27.10	10.79	2.52	0.00	32.80	10.79	2.52	0.00
27.20	10.79	2.52	0.00	32.90	10.79	2.52	0.00
27.30	10.79	2.52	0.00	33.00	10.79	2.52	0.00
27.40	10.79	2.52	0.00	33.10	10.79	2.52	0.00
27.50	10.79	2.52	0.00	33.20	10.79	2.52	0.00
27.60	10.79	2.52	0.00	33.30	10.79	2.52	0.00
27.70	10.79	2.52	0.00	33.40	10.79	2.52	0.00
27.80	10.79	2.52	0.00	33.50	10.79	2.52	0.00
27.90	10.79	2.52	0.00	33.60	10.79	2.52	0.00
28.00	10.79	2.52	0.00	33.70	10.79	2.52	0.00
28.10	10.79	2.52	0.00	33.80	10.79	2.52	0.00
28.20	10.79	2.52	0.00	33.90	10.79	2.52	0.00
28.30	10.79	2.52	0.00	34.00	10.79	2.52	0.00
28.40	10.79	2.52	0.00	34.10	10.79	2.52	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	10.79	2.52	0.00	39.90	10.79	2.52	0.00
34.30	10.79	2.52	0.00	40.00	10.79	2.52	0.00
34.40	10.79	2.52	0.00	40.10	10.79	2.52	0.00
34.50	10.79	2.52	0.00	40.20	10.79	2.52	0.00
34.60	10.79	2.52	0.00	40.30	10.79	2.52	0.00
34.70	10.79	2.52	0.00	40.40	10.79	2.52	0.00
34.80	10.79	2.52	0.00	40.50	10.79	2.52	0.00
34.90	10.79	2.52	0.00	40.60	10.79	2.52	0.00
35.00	10.79	2.52	0.00	40.70	10.79	2.52	0.00
35.10	10.79	2.52	0.00	40.80	10.79	2.52	0.00
35.20	10.79	2.52	0.00	40.90	10.79	2.52	0.00
35.30	10.79	2.52	0.00	41.00	10.79	2.52	0.00
35.40	10.79	2.52	0.00	41.10	10.79	2.52	0.00
35.50	10.79	2.52	0.00	41.20	10.79	2.52	0.00
35.60	10.79	2.52	0.00	41.30	10.79	2.52	0.00
35.70	10.79	2.52	0.00	41.40	10.79	2.52	0.00
35.80	10.79	2.52	0.00	41.50	10.79	2.52	0.00
35.90	10.79	2.52	0.00	41.60	10.79	2.52	0.00
36.00	10.79	2.52	0.00	41.70	10.79	2.52	0.00
36.10	10.79	2.52	0.00	41.80	10.79	2.52	0.00
36.20	10.79	2.52	0.00	41.90	10.79	2.52	0.00
36.30	10.79	2.52	0.00	42.00	10.79	2.52	0.00
36.40	10.79	2.52	0.00	42.10	10.79	2.52	0.00
36.50	10.79	2.52	0.00	42.20	10.79	2.52	0.00
36.60	10.79	2.52	0.00	42.30	10.79	2.52	0.00
36.70	10.79	2.52	0.00	42.40	10.79	2.52	0.00
36.80	10.79	2.52	0.00	42.50	10.79	2.52	0.00
36.90	10.79	2.52	0.00	42.60	10.79	2.52	0.00
37.00	10.79	2.52	0.00	42.70	10.79	2.52	0.00
37.10	10.79	2.52	0.00	42.80	10.79	2.52	0.00
37.20	10.79	2.52	0.00	42.90	10.79	2.52	0.00
37.30	10.79	2.52	0.00	43.00	10.79	2.52	0.00
37.40	10.79	2.52	0.00	43.10	10.79	2.52	0.00
37.50	10.79	2.52	0.00	43.20	10.79	2.52	0.00
37.60	10.79	2.52	0.00	43.30	10.79	2.52	0.00
37.70	10.79	2.52	0.00	43.40	10.79	2.52	0.00
37.80	10.79	2.52	0.00	43.50	10.79	2.52	0.00
37.90	10.79	2.52	0.00	43.60	10.79	2.52	0.00
38.00	10.79	2.52	0.00	43.70	10.79	2.52	0.00
38.10	10.79	2.52	0.00	43.80	10.79	2.52	0.00
38.20	10.79	2.52	0.00	43.90	10.79	2.52	0.00
38.30	10.79	2.52	0.00	44.00	10.79	2.52	0.00
38.40	10.79	2.52	0.00	44.10	10.79	2.52	0.00
38.50	10.79	2.52	0.00	44.20	10.79	2.52	0.00
38.60	10.79	2.52	0.00	44.30	10.79	2.52	0.00
38.70	10.79	2.52	0.00	44.40	10.79	2.52	0.00
38.80	10.79	2.52	0.00	44.50	10.79	2.52	0.00
38.90	10.79	2.52	0.00	44.60	10.79	2.52	0.00
39.00	10.79	2.52	0.00	44.70	10.79	2.52	0.00
39.10	10.79	2.52	0.00	44.80	10.79	2.52	0.00
39.20	10.79	2.52	0.00	44.90	10.79	2.52	0.00
39.30	10.79	2.52	0.00	45.00	10.79	2.52	0.00
39.40	10.79	2.52	0.00	45.10	10.79	2.52	0.00
39.50	10.79	2.52	0.00	45.20	10.79	2.52	0.00
39.60	10.79	2.52	0.00	45.30	10.79	2.52	0.00
39.70	10.79	2.52	0.00	45.40	10.79	2.52	0.00
39.80	10.79	2.52	0.00	45.50	10.79	2.52	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	10.79	2.52	0.00	51.30	10.79	2.52	0.00
45.70	10.79	2.52	0.00	51.40	10.79	2.52	0.00
45.80	10.79	2.52	0.00	51.50	10.79	2.52	0.00
45.90	10.79	2.52	0.00	51.60	10.79	2.52	0.00
46.00	10.79	2.52	0.00	51.70	10.79	2.52	0.00
46.10	10.79	2.52	0.00	51.80	10.79	2.52	0.00
46.20	10.79	2.52	0.00	51.90	10.79	2.52	0.00
46.30	10.79	2.52	0.00	52.00	10.79	2.52	0.00
46.40	10.79	2.52	0.00	52.10	10.79	2.52	0.00
46.50	10.79	2.52	0.00	52.20	10.79	2.52	0.00
46.60	10.79	2.52	0.00	52.30	10.79	2.52	0.00
46.70	10.79	2.52	0.00	52.40	10.79	2.52	0.00
46.80	10.79	2.52	0.00	52.50	10.79	2.52	0.00
46.90	10.79	2.52	0.00	52.60	10.79	2.52	0.00
47.00	10.79	2.52	0.00	52.70	10.79	2.52	0.00
47.10	10.79	2.52	0.00	52.80	10.79	2.52	0.00
47.20	10.79	2.52	0.00	52.90	10.79	2.52	0.00
47.30	10.79	2.52	0.00	53.00	10.79	2.52	0.00
47.40	10.79	2.52	0.00	53.10	10.79	2.52	0.00
47.50	10.79	2.52	0.00	53.20	10.79	2.52	0.00
47.60	10.79	2.52	0.00	53.30	10.79	2.52	0.00
47.70	10.79	2.52	0.00	53.40	10.79	2.52	0.00
47.80	10.79	2.52	0.00	53.50	10.79	2.52	0.00
47.90	10.79	2.52	0.00	53.60	10.79	2.52	0.00
48.00	10.79	2.52	0.00	53.70	10.79	2.52	0.00
48.10	10.79	2.52	0.00	53.80	10.79	2.52	0.00
48.20	10.79	2.52	0.00	53.90	10.79	2.52	0.00
48.30	10.79	2.52	0.00	54.00	10.79	2.52	0.00
48.40	10.79	2.52	0.00	54.10	10.79	2.52	0.00
48.50	10.79	2.52	0.00	54.20	10.79	2.52	0.00
48.60	10.79	2.52	0.00	54.30	10.79	2.52	0.00
48.70	10.79	2.52	0.00	54.40	10.79	2.52	0.00
48.80	10.79	2.52	0.00	54.50	10.79	2.52	0.00
48.90	10.79	2.52	0.00	54.60	10.79	2.52	0.00
49.00	10.79	2.52	0.00	54.70	10.79	2.52	0.00
49.10	10.79	2.52	0.00	54.80	10.79	2.52	0.00
49.20	10.79	2.52	0.00	54.90	10.79	2.52	0.00
49.30	10.79	2.52	0.00	55.00	10.79	2.52	0.00
49.40	10.79	2.52	0.00	55.10	10.79	2.52	0.00
49.50	10.79	2.52	0.00	55.20	10.79	2.52	0.00
49.60	10.79	2.52	0.00	55.30	10.79	2.52	0.00
49.70	10.79	2.52	0.00	55.40	10.79	2.52	0.00
49.80	10.79	2.52	0.00	55.50	10.79	2.52	0.00
49.90	10.79	2.52	0.00	55.60	10.79	2.52	0.00
50.00	10.79	2.52	0.00	55.70	10.79	2.52	0.00
50.10	10.79	2.52	0.00	55.80	10.79	2.52	0.00
50.20	10.79	2.52	0.00	55.90	10.79	2.52	0.00
50.30	10.79	2.52	0.00	56.00	10.79	2.52	0.00
50.40	10.79	2.52	0.00	56.10	10.79	2.52	0.00
50.50	10.79	2.52	0.00	56.20	10.79	2.52	0.00
50.60	10.79	2.52	0.00	56.30	10.79	2.52	0.00
50.70	10.79	2.52	0.00	56.40	10.79	2.52	0.00
50.80	10.79	2.52	0.00	56.50	10.79	2.52	0.00
50.90	10.79	2.52	0.00	56.60	10.79	2.52	0.00
51.00	10.79	2.52	0.00	56.70	10.79	2.52	0.00
51.10	10.79	2.52	0.00	56.80	10.79	2.52	0.00
51.20	10.79	2.52	0.00	56.90	10.79	2.52	0.00

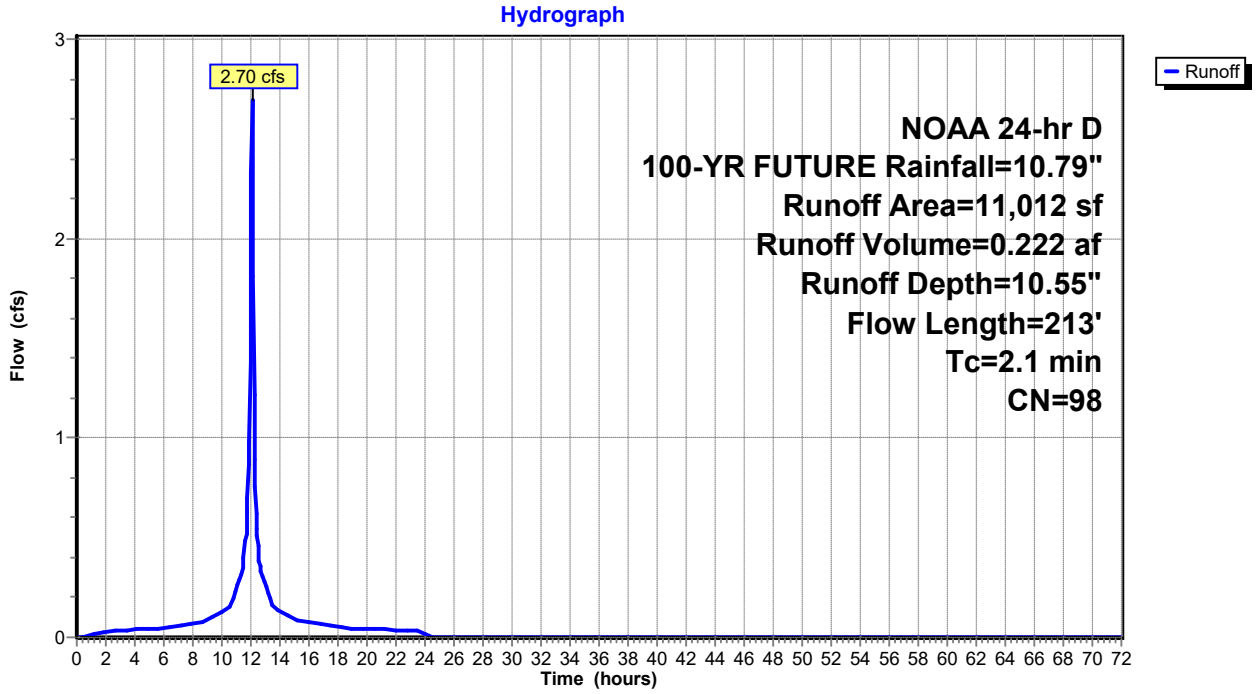
Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	10.79	2.52	0.00	62.70	10.79	2.52	0.00
57.10	10.79	2.52	0.00	62.80	10.79	2.52	0.00
57.20	10.79	2.52	0.00	62.90	10.79	2.52	0.00
57.30	10.79	2.52	0.00	63.00	10.79	2.52	0.00
57.40	10.79	2.52	0.00	63.10	10.79	2.52	0.00
57.50	10.79	2.52	0.00	63.20	10.79	2.52	0.00
57.60	10.79	2.52	0.00	63.30	10.79	2.52	0.00
57.70	10.79	2.52	0.00	63.40	10.79	2.52	0.00
57.80	10.79	2.52	0.00	63.50	10.79	2.52	0.00
57.90	10.79	2.52	0.00	63.60	10.79	2.52	0.00
58.00	10.79	2.52	0.00	63.70	10.79	2.52	0.00
58.10	10.79	2.52	0.00	63.80	10.79	2.52	0.00
58.20	10.79	2.52	0.00	63.90	10.79	2.52	0.00
58.30	10.79	2.52	0.00	64.00	10.79	2.52	0.00
58.40	10.79	2.52	0.00	64.10	10.79	2.52	0.00
58.50	10.79	2.52	0.00	64.20	10.79	2.52	0.00
58.60	10.79	2.52	0.00	64.30	10.79	2.52	0.00
58.70	10.79	2.52	0.00	64.40	10.79	2.52	0.00
58.80	10.79	2.52	0.00	64.50	10.79	2.52	0.00
58.90	10.79	2.52	0.00	64.60	10.79	2.52	0.00
59.00	10.79	2.52	0.00	64.70	10.79	2.52	0.00
59.10	10.79	2.52	0.00	64.80	10.79	2.52	0.00
59.20	10.79	2.52	0.00	64.90	10.79	2.52	0.00
59.30	10.79	2.52	0.00	65.00	10.79	2.52	0.00
59.40	10.79	2.52	0.00	65.10	10.79	2.52	0.00
59.50	10.79	2.52	0.00	65.20	10.79	2.52	0.00
59.60	10.79	2.52	0.00	65.30	10.79	2.52	0.00
59.70	10.79	2.52	0.00	65.40	10.79	2.52	0.00
59.80	10.79	2.52	0.00	65.50	10.79	2.52	0.00
59.90	10.79	2.52	0.00	65.60	10.79	2.52	0.00
60.00	10.79	2.52	0.00	65.70	10.79	2.52	0.00
60.10	10.79	2.52	0.00	65.80	10.79	2.52	0.00
60.20	10.79	2.52	0.00	65.90	10.79	2.52	0.00
60.30	10.79	2.52	0.00	66.00	10.79	2.52	0.00
60.40	10.79	2.52	0.00	66.10	10.79	2.52	0.00
60.50	10.79	2.52	0.00	66.20	10.79	2.52	0.00
60.60	10.79	2.52	0.00	66.30	10.79	2.52	0.00
60.70	10.79	2.52	0.00	66.40	10.79	2.52	0.00
60.80	10.79	2.52	0.00	66.50	10.79	2.52	0.00
60.90	10.79	2.52	0.00	66.60	10.79	2.52	0.00
61.00	10.79	2.52	0.00	66.70	10.79	2.52	0.00
61.10	10.79	2.52	0.00	66.80	10.79	2.52	0.00
61.20	10.79	2.52	0.00	66.90	10.79	2.52	0.00
61.30	10.79	2.52	0.00	67.00	10.79	2.52	0.00
61.40	10.79	2.52	0.00	67.10	10.79	2.52	0.00
61.50	10.79	2.52	0.00	67.20	10.79	2.52	0.00
61.60	10.79	2.52	0.00	67.30	10.79	2.52	0.00
61.70	10.79	2.52	0.00	67.40	10.79	2.52	0.00
61.80	10.79	2.52	0.00	67.50	10.79	2.52	0.00
61.90	10.79	2.52	0.00	67.60	10.79	2.52	0.00
62.00	10.79	2.52	0.00	67.70	10.79	2.52	0.00
62.10	10.79	2.52	0.00	67.80	10.79	2.52	0.00
62.20	10.79	2.52	0.00	67.90	10.79	2.52	0.00
62.30	10.79	2.52	0.00	68.00	10.79	2.52	0.00
62.40	10.79	2.52	0.00	68.10	10.79	2.52	0.00
62.50	10.79	2.52	0.00	68.20	10.79	2.52	0.00
62.60	10.79	2.52	0.00	68.30	10.79	2.52	0.00

Hydrograph for Subcatchment 2S: EDA 1-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	10.79	2.52	0.00
68.50	10.79	2.52	0.00
68.60	10.79	2.52	0.00
68.70	10.79	2.52	0.00
68.80	10.79	2.52	0.00
68.90	10.79	2.52	0.00
69.00	10.79	2.52	0.00
69.10	10.79	2.52	0.00
69.20	10.79	2.52	0.00
69.30	10.79	2.52	0.00
69.40	10.79	2.52	0.00
69.50	10.79	2.52	0.00
69.60	10.79	2.52	0.00
69.70	10.79	2.52	0.00
69.80	10.79	2.52	0.00
69.90	10.79	2.52	0.00
70.00	10.79	2.52	0.00
70.10	10.79	2.52	0.00
70.20	10.79	2.52	0.00
70.30	10.79	2.52	0.00
70.40	10.79	2.52	0.00
70.50	10.79	2.52	0.00
70.60	10.79	2.52	0.00
70.70	10.79	2.52	0.00
70.80	10.79	2.52	0.00
70.90	10.79	2.52	0.00
71.00	10.79	2.52	0.00
71.10	10.79	2.52	0.00
71.20	10.79	2.52	0.00
71.30	10.79	2.52	0.00
71.40	10.79	2.52	0.00
71.50	10.79	2.52	0.00
71.60	10.79	2.52	0.00
71.70	10.79	2.52	0.00
71.80	10.79	2.52	0.00
71.90	10.79	2.52	0.00
72.00	10.79	2.52	0.00

Subcatchment 4S: EDA 2-Impervious



Hydrograph for Subcatchment 4S: EDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.86	0.66	0.05
0.10	0.01	0.00	0.00	5.80	0.88	0.68	0.05
0.20	0.02	0.00	0.00	5.90	0.90	0.70	0.05
0.30	0.04	0.00	0.00	6.00	0.92	0.71	0.05
0.40	0.05	0.00	0.00	6.10	0.94	0.73	0.05
0.50	0.06	0.00	0.00	6.20	0.96	0.75	0.05
0.60	0.07	0.00	0.01	6.30	0.98	0.77	0.05
0.70	0.09	0.01	0.01	6.40	1.00	0.79	0.05
0.80	0.10	0.01	0.01	6.50	1.02	0.81	0.05
0.90	0.11	0.02	0.01	6.60	1.04	0.83	0.05
1.00	0.12	0.02	0.02	6.70	1.07	0.86	0.05
1.10	0.14	0.03	0.02	6.80	1.09	0.88	0.06
1.20	0.15	0.04	0.02	6.90	1.11	0.90	0.06
1.30	0.16	0.05	0.02	7.00	1.14	0.92	0.06
1.40	0.18	0.05	0.02	7.10	1.16	0.95	0.06
1.50	0.19	0.06	0.02	7.20	1.19	0.97	0.06
1.60	0.20	0.07	0.02	7.30	1.21	1.00	0.06
1.70	0.22	0.08	0.02	7.40	1.24	1.02	0.06
1.80	0.23	0.09	0.03	7.50	1.26	1.05	0.07
1.90	0.24	0.10	0.03	7.60	1.29	1.07	0.07
2.00	0.26	0.11	0.03	7.70	1.32	1.10	0.07
2.10	0.27	0.12	0.03	7.80	1.34	1.13	0.07
2.20	0.29	0.14	0.03	7.90	1.37	1.15	0.07
2.30	0.30	0.15	0.03	8.00	1.40	1.18	0.07
2.40	0.32	0.16	0.03	8.10	1.43	1.21	0.07
2.50	0.33	0.17	0.03	8.20	1.46	1.24	0.07
2.60	0.35	0.18	0.03	8.30	1.49	1.27	0.07
2.70	0.36	0.20	0.03	8.40	1.52	1.30	0.08
2.80	0.38	0.21	0.03	8.50	1.55	1.33	0.08
2.90	0.39	0.22	0.03	8.60	1.58	1.36	0.08
3.00	0.41	0.23	0.03	8.70	1.61	1.39	0.08
3.10	0.42	0.25	0.03	8.80	1.65	1.42	0.08
3.20	0.44	0.26	0.03	8.90	1.68	1.46	0.08
3.30	0.45	0.28	0.04	9.00	1.71	1.49	0.08
3.40	0.47	0.29	0.04	9.10	1.75	1.52	0.09
3.50	0.48	0.30	0.04	9.20	1.78	1.56	0.09
3.60	0.50	0.32	0.04	9.30	1.82	1.60	0.10
3.70	0.52	0.33	0.04	9.40	1.86	1.64	0.10
3.80	0.53	0.35	0.04	9.50	1.90	1.68	0.11
3.90	0.55	0.36	0.04	9.60	1.95	1.72	0.11
4.00	0.57	0.38	0.04	9.70	1.99	1.77	0.11
4.10	0.58	0.39	0.04	9.80	2.04	1.81	0.12
4.20	0.60	0.41	0.04	9.90	2.09	1.86	0.12
4.30	0.62	0.42	0.04	10.00	2.14	1.91	0.13
4.40	0.63	0.44	0.04	10.10	2.19	1.96	0.13
4.50	0.65	0.46	0.04	10.20	2.24	2.02	0.14
4.60	0.67	0.47	0.04	10.30	2.30	2.07	0.14
4.70	0.68	0.49	0.04	10.40	2.36	2.13	0.14
4.80	0.70	0.51	0.04	10.50	2.42	2.19	0.15
4.90	0.72	0.52	0.04	10.60	2.48	2.25	0.16
5.00	0.74	0.54	0.04	10.70	2.55	2.32	0.18
5.10	0.76	0.56	0.04	10.80	2.63	2.40	0.20
5.20	0.77	0.57	0.04	10.90	2.71	2.48	0.21
5.30	0.79	0.59	0.04	11.00	2.80	2.57	0.23
5.40	0.81	0.61	0.04	11.10	2.91	2.67	0.25
5.50	0.83	0.63	0.04	11.20	3.02	2.79	0.28
5.60	0.85	0.64	0.04	11.30	3.14	2.91	0.31

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	3.28	3.04	0.34	17.10	9.68	9.44	0.06
11.50	3.42	3.19	0.37	17.20	9.70	9.46	0.06
11.60	3.62	3.38	0.48	17.30	9.72	9.48	0.06
11.70	3.82	3.59	0.52	17.40	9.75	9.50	0.06
11.80	4.10	3.87	0.70	17.50	9.77	9.53	0.06
11.90	4.49	4.26	0.98	17.60	9.79	9.55	0.05
12.00	5.17	4.93	1.66	17.70	9.81	9.57	0.05
12.10	6.30	6.06	**2.67**	17.80	9.83	9.59	0.05
12.20	6.69	6.45	1.21	17.90	9.85	9.61	0.05
12.30	6.97	6.73	0.75	18.00	9.87	9.63	0.05
12.40	7.17	6.94	0.55	18.10	9.89	9.65	0.05
12.50	7.37	7.13	0.50	18.20	9.91	9.67	0.05
12.60	7.51	7.28	0.38	18.30	9.93	9.68	0.05
12.70	7.65	7.41	0.34	18.40	9.94	9.70	0.05
12.80	7.77	7.53	0.32	18.50	9.96	9.72	0.05
12.90	7.88	7.64	0.29	18.60	9.98	9.74	0.05
13.00	7.99	7.75	0.26	18.70	10.00	9.76	0.05
13.10	8.08	7.84	0.23	18.80	10.02	9.78	0.05
13.20	8.16	7.92	0.22	18.90	10.03	9.79	0.05
13.30	8.24	8.00	0.20	19.00	10.05	9.81	0.05
13.40	8.31	8.07	0.18	19.10	10.07	9.83	0.05
13.50	8.37	8.13	0.17	19.20	10.09	9.85	0.04
13.60	8.43	8.19	0.15	19.30	10.11	9.86	0.04
13.70	8.49	8.25	0.15	19.40	10.12	9.88	0.04
13.80	8.55	8.31	0.14	19.50	10.14	9.90	0.04
13.90	8.60	8.36	0.14	19.60	10.16	9.92	0.04
14.00	8.65	8.41	0.13	19.70	10.17	9.93	0.04
14.10	8.70	8.46	0.13	19.80	10.19	9.95	0.04
14.20	8.75	8.51	0.12	19.90	10.21	9.97	0.04
14.30	8.80	8.56	0.12	20.00	10.22	9.98	0.04
14.40	8.84	8.60	0.12	20.10	10.24	10.00	0.04
14.50	8.89	8.65	0.11	20.20	10.26	10.02	0.04
14.60	8.93	8.69	0.11	20.30	10.27	10.03	0.04
14.70	8.97	8.73	0.10	20.40	10.29	10.05	0.04
14.80	9.01	8.77	0.10	20.50	10.31	10.06	0.04
14.90	9.04	8.80	0.09	20.60	10.32	10.08	0.04
15.00	9.08	8.84	0.09	20.70	10.34	10.10	0.04
15.10	9.11	8.87	0.09	20.80	10.35	10.11	0.04
15.20	9.14	8.90	0.08	20.90	10.37	10.13	0.04
15.30	9.18	8.94	0.08	21.00	10.38	10.14	0.04
15.40	9.21	8.97	0.08	21.10	10.40	10.16	0.04
15.50	9.24	9.00	0.08	21.20	10.41	10.17	0.04
15.60	9.27	9.03	0.08	21.30	10.43	10.19	0.04
15.70	9.30	9.06	0.08	21.40	10.44	10.20	0.04
15.80	9.33	9.09	0.08	21.50	10.46	10.22	0.04
15.90	9.36	9.12	0.08	21.60	10.47	10.23	0.04
16.00	9.39	9.15	0.07	21.70	10.49	10.25	0.04
16.10	9.42	9.18	0.07	21.80	10.50	10.26	0.04
16.20	9.45	9.21	0.07	21.90	10.52	10.28	0.04
16.30	9.47	9.23	0.07	22.00	10.53	10.29	0.04
16.40	9.50	9.26	0.07	22.10	10.55	10.30	0.04
16.50	9.53	9.29	0.07	22.20	10.56	10.32	0.04
16.60	9.55	9.31	0.07	22.30	10.57	10.33	0.04
16.70	9.58	9.34	0.07	22.40	10.59	10.35	0.03
16.80	9.60	9.36	0.06	22.50	10.60	10.36	0.03
16.90	9.63	9.39	0.06	22.60	10.61	10.37	0.03
17.00	9.65	9.41	0.06	22.70	10.63	10.39	0.03

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	10.64	10.40	0.03	28.50	10.79	10.55	0.00
22.90	10.65	10.41	0.03	28.60	10.79	10.55	0.00
23.00	10.67	10.43	0.03	28.70	10.79	10.55	0.00
23.10	10.68	10.44	0.03	28.80	10.79	10.55	0.00
23.20	10.69	10.45	0.03	28.90	10.79	10.55	0.00
23.30	10.70	10.46	0.03	29.00	10.79	10.55	0.00
23.40	10.72	10.48	0.03	29.10	10.79	10.55	0.00
23.50	10.73	10.49	0.03	29.20	10.79	10.55	0.00
23.60	10.74	10.50	0.03	29.30	10.79	10.55	0.00
23.70	10.75	10.51	0.03	29.40	10.79	10.55	0.00
23.80	10.77	10.53	0.03	29.50	10.79	10.55	0.00
23.90	10.78	10.54	0.03	29.60	10.79	10.55	0.00
24.00	**10.79**	**10.55**	0.03	29.70	10.79	10.55	0.00
24.10	10.79	10.55	0.00	29.80	10.79	10.55	0.00
24.20	10.79	10.55	0.00	29.90	10.79	10.55	0.00
24.30	10.79	10.55	0.00	30.00	10.79	10.55	0.00
24.40	10.79	10.55	0.00	30.10	10.79	10.55	0.00
24.50	10.79	10.55	0.00	30.20	10.79	10.55	0.00
24.60	10.79	10.55	0.00	30.30	10.79	10.55	0.00
24.70	10.79	10.55	0.00	30.40	10.79	10.55	0.00
24.80	10.79	10.55	0.00	30.50	10.79	10.55	0.00
24.90	10.79	10.55	0.00	30.60	10.79	10.55	0.00
25.00	10.79	10.55	0.00	30.70	10.79	10.55	0.00
25.10	10.79	10.55	0.00	30.80	10.79	10.55	0.00
25.20	10.79	10.55	0.00	30.90	10.79	10.55	0.00
25.30	10.79	10.55	0.00	31.00	10.79	10.55	0.00
25.40	10.79	10.55	0.00	31.10	10.79	10.55	0.00
25.50	10.79	10.55	0.00	31.20	10.79	10.55	0.00
25.60	10.79	10.55	0.00	31.30	10.79	10.55	0.00
25.70	10.79	10.55	0.00	31.40	10.79	10.55	0.00
25.80	10.79	10.55	0.00	31.50	10.79	10.55	0.00
25.90	10.79	10.55	0.00	31.60	10.79	10.55	0.00
26.00	10.79	10.55	0.00	31.70	10.79	10.55	0.00
26.10	10.79	10.55	0.00	31.80	10.79	10.55	0.00
26.20	10.79	10.55	0.00	31.90	10.79	10.55	0.00
26.30	10.79	10.55	0.00	32.00	10.79	10.55	0.00
26.40	10.79	10.55	0.00	32.10	10.79	10.55	0.00
26.50	10.79	10.55	0.00	32.20	10.79	10.55	0.00
26.60	10.79	10.55	0.00	32.30	10.79	10.55	0.00
26.70	10.79	10.55	0.00	32.40	10.79	10.55	0.00
26.80	10.79	10.55	0.00	32.50	10.79	10.55	0.00
26.90	10.79	10.55	0.00	32.60	10.79	10.55	0.00
27.00	10.79	10.55	0.00	32.70	10.79	10.55	0.00
27.10	10.79	10.55	0.00	32.80	10.79	10.55	0.00
27.20	10.79	10.55	0.00	32.90	10.79	10.55	0.00
27.30	10.79	10.55	0.00	33.00	10.79	10.55	0.00
27.40	10.79	10.55	0.00	33.10	10.79	10.55	0.00
27.50	10.79	10.55	0.00	33.20	10.79	10.55	0.00
27.60	10.79	10.55	0.00	33.30	10.79	10.55	0.00
27.70	10.79	10.55	0.00	33.40	10.79	10.55	0.00
27.80	10.79	10.55	0.00	33.50	10.79	10.55	0.00
27.90	10.79	10.55	0.00	33.60	10.79	10.55	0.00
28.00	10.79	10.55	0.00	33.70	10.79	10.55	0.00
28.10	10.79	10.55	0.00	33.80	10.79	10.55	0.00
28.20	10.79	10.55	0.00	33.90	10.79	10.55	0.00
28.30	10.79	10.55	0.00	34.00	10.79	10.55	0.00
28.40	10.79	10.55	0.00	34.10	10.79	10.55	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	10.79	10.55	0.00	39.90	10.79	10.55	0.00
34.30	10.79	10.55	0.00	40.00	10.79	10.55	0.00
34.40	10.79	10.55	0.00	40.10	10.79	10.55	0.00
34.50	10.79	10.55	0.00	40.20	10.79	10.55	0.00
34.60	10.79	10.55	0.00	40.30	10.79	10.55	0.00
34.70	10.79	10.55	0.00	40.40	10.79	10.55	0.00
34.80	10.79	10.55	0.00	40.50	10.79	10.55	0.00
34.90	10.79	10.55	0.00	40.60	10.79	10.55	0.00
35.00	10.79	10.55	0.00	40.70	10.79	10.55	0.00
35.10	10.79	10.55	0.00	40.80	10.79	10.55	0.00
35.20	10.79	10.55	0.00	40.90	10.79	10.55	0.00
35.30	10.79	10.55	0.00	41.00	10.79	10.55	0.00
35.40	10.79	10.55	0.00	41.10	10.79	10.55	0.00
35.50	10.79	10.55	0.00	41.20	10.79	10.55	0.00
35.60	10.79	10.55	0.00	41.30	10.79	10.55	0.00
35.70	10.79	10.55	0.00	41.40	10.79	10.55	0.00
35.80	10.79	10.55	0.00	41.50	10.79	10.55	0.00
35.90	10.79	10.55	0.00	41.60	10.79	10.55	0.00
36.00	10.79	10.55	0.00	41.70	10.79	10.55	0.00
36.10	10.79	10.55	0.00	41.80	10.79	10.55	0.00
36.20	10.79	10.55	0.00	41.90	10.79	10.55	0.00
36.30	10.79	10.55	0.00	42.00	10.79	10.55	0.00
36.40	10.79	10.55	0.00	42.10	10.79	10.55	0.00
36.50	10.79	10.55	0.00	42.20	10.79	10.55	0.00
36.60	10.79	10.55	0.00	42.30	10.79	10.55	0.00
36.70	10.79	10.55	0.00	42.40	10.79	10.55	0.00
36.80	10.79	10.55	0.00	42.50	10.79	10.55	0.00
36.90	10.79	10.55	0.00	42.60	10.79	10.55	0.00
37.00	10.79	10.55	0.00	42.70	10.79	10.55	0.00
37.10	10.79	10.55	0.00	42.80	10.79	10.55	0.00
37.20	10.79	10.55	0.00	42.90	10.79	10.55	0.00
37.30	10.79	10.55	0.00	43.00	10.79	10.55	0.00
37.40	10.79	10.55	0.00	43.10	10.79	10.55	0.00
37.50	10.79	10.55	0.00	43.20	10.79	10.55	0.00
37.60	10.79	10.55	0.00	43.30	10.79	10.55	0.00
37.70	10.79	10.55	0.00	43.40	10.79	10.55	0.00
37.80	10.79	10.55	0.00	43.50	10.79	10.55	0.00
37.90	10.79	10.55	0.00	43.60	10.79	10.55	0.00
38.00	10.79	10.55	0.00	43.70	10.79	10.55	0.00
38.10	10.79	10.55	0.00	43.80	10.79	10.55	0.00
38.20	10.79	10.55	0.00	43.90	10.79	10.55	0.00
38.30	10.79	10.55	0.00	44.00	10.79	10.55	0.00
38.40	10.79	10.55	0.00	44.10	10.79	10.55	0.00
38.50	10.79	10.55	0.00	44.20	10.79	10.55	0.00
38.60	10.79	10.55	0.00	44.30	10.79	10.55	0.00
38.70	10.79	10.55	0.00	44.40	10.79	10.55	0.00
38.80	10.79	10.55	0.00	44.50	10.79	10.55	0.00
38.90	10.79	10.55	0.00	44.60	10.79	10.55	0.00
39.00	10.79	10.55	0.00	44.70	10.79	10.55	0.00
39.10	10.79	10.55	0.00	44.80	10.79	10.55	0.00
39.20	10.79	10.55	0.00	44.90	10.79	10.55	0.00
39.30	10.79	10.55	0.00	45.00	10.79	10.55	0.00
39.40	10.79	10.55	0.00	45.10	10.79	10.55	0.00
39.50	10.79	10.55	0.00	45.20	10.79	10.55	0.00
39.60	10.79	10.55	0.00	45.30	10.79	10.55	0.00
39.70	10.79	10.55	0.00	45.40	10.79	10.55	0.00
39.80	10.79	10.55	0.00	45.50	10.79	10.55	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	10.79	10.55	0.00	51.30	10.79	10.55	0.00
45.70	10.79	10.55	0.00	51.40	10.79	10.55	0.00
45.80	10.79	10.55	0.00	51.50	10.79	10.55	0.00
45.90	10.79	10.55	0.00	51.60	10.79	10.55	0.00
46.00	10.79	10.55	0.00	51.70	10.79	10.55	0.00
46.10	10.79	10.55	0.00	51.80	10.79	10.55	0.00
46.20	10.79	10.55	0.00	51.90	10.79	10.55	0.00
46.30	10.79	10.55	0.00	52.00	10.79	10.55	0.00
46.40	10.79	10.55	0.00	52.10	10.79	10.55	0.00
46.50	10.79	10.55	0.00	52.20	10.79	10.55	0.00
46.60	10.79	10.55	0.00	52.30	10.79	10.55	0.00
46.70	10.79	10.55	0.00	52.40	10.79	10.55	0.00
46.80	10.79	10.55	0.00	52.50	10.79	10.55	0.00
46.90	10.79	10.55	0.00	52.60	10.79	10.55	0.00
47.00	10.79	10.55	0.00	52.70	10.79	10.55	0.00
47.10	10.79	10.55	0.00	52.80	10.79	10.55	0.00
47.20	10.79	10.55	0.00	52.90	10.79	10.55	0.00
47.30	10.79	10.55	0.00	53.00	10.79	10.55	0.00
47.40	10.79	10.55	0.00	53.10	10.79	10.55	0.00
47.50	10.79	10.55	0.00	53.20	10.79	10.55	0.00
47.60	10.79	10.55	0.00	53.30	10.79	10.55	0.00
47.70	10.79	10.55	0.00	53.40	10.79	10.55	0.00
47.80	10.79	10.55	0.00	53.50	10.79	10.55	0.00
47.90	10.79	10.55	0.00	53.60	10.79	10.55	0.00
48.00	10.79	10.55	0.00	53.70	10.79	10.55	0.00
48.10	10.79	10.55	0.00	53.80	10.79	10.55	0.00
48.20	10.79	10.55	0.00	53.90	10.79	10.55	0.00
48.30	10.79	10.55	0.00	54.00	10.79	10.55	0.00
48.40	10.79	10.55	0.00	54.10	10.79	10.55	0.00
48.50	10.79	10.55	0.00	54.20	10.79	10.55	0.00
48.60	10.79	10.55	0.00	54.30	10.79	10.55	0.00
48.70	10.79	10.55	0.00	54.40	10.79	10.55	0.00
48.80	10.79	10.55	0.00	54.50	10.79	10.55	0.00
48.90	10.79	10.55	0.00	54.60	10.79	10.55	0.00
49.00	10.79	10.55	0.00	54.70	10.79	10.55	0.00
49.10	10.79	10.55	0.00	54.80	10.79	10.55	0.00
49.20	10.79	10.55	0.00	54.90	10.79	10.55	0.00
49.30	10.79	10.55	0.00	55.00	10.79	10.55	0.00
49.40	10.79	10.55	0.00	55.10	10.79	10.55	0.00
49.50	10.79	10.55	0.00	55.20	10.79	10.55	0.00
49.60	10.79	10.55	0.00	55.30	10.79	10.55	0.00
49.70	10.79	10.55	0.00	55.40	10.79	10.55	0.00
49.80	10.79	10.55	0.00	55.50	10.79	10.55	0.00
49.90	10.79	10.55	0.00	55.60	10.79	10.55	0.00
50.00	10.79	10.55	0.00	55.70	10.79	10.55	0.00
50.10	10.79	10.55	0.00	55.80	10.79	10.55	0.00
50.20	10.79	10.55	0.00	55.90	10.79	10.55	0.00
50.30	10.79	10.55	0.00	56.00	10.79	10.55	0.00
50.40	10.79	10.55	0.00	56.10	10.79	10.55	0.00
50.50	10.79	10.55	0.00	56.20	10.79	10.55	0.00
50.60	10.79	10.55	0.00	56.30	10.79	10.55	0.00
50.70	10.79	10.55	0.00	56.40	10.79	10.55	0.00
50.80	10.79	10.55	0.00	56.50	10.79	10.55	0.00
50.90	10.79	10.55	0.00	56.60	10.79	10.55	0.00
51.00	10.79	10.55	0.00	56.70	10.79	10.55	0.00
51.10	10.79	10.55	0.00	56.80	10.79	10.55	0.00
51.20	10.79	10.55	0.00	56.90	10.79	10.55	0.00

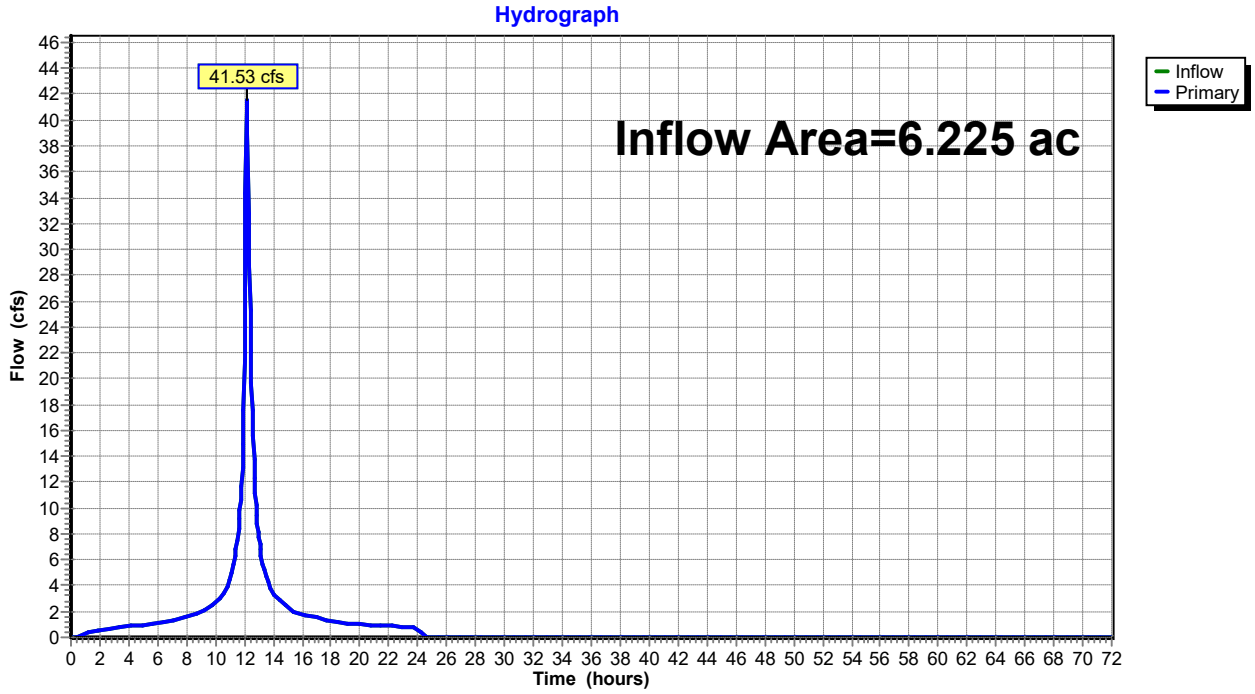
Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	10.79	10.55	0.00	62.70	10.79	10.55	0.00
57.10	10.79	10.55	0.00	62.80	10.79	10.55	0.00
57.20	10.79	10.55	0.00	62.90	10.79	10.55	0.00
57.30	10.79	10.55	0.00	63.00	10.79	10.55	0.00
57.40	10.79	10.55	0.00	63.10	10.79	10.55	0.00
57.50	10.79	10.55	0.00	63.20	10.79	10.55	0.00
57.60	10.79	10.55	0.00	63.30	10.79	10.55	0.00
57.70	10.79	10.55	0.00	63.40	10.79	10.55	0.00
57.80	10.79	10.55	0.00	63.50	10.79	10.55	0.00
57.90	10.79	10.55	0.00	63.60	10.79	10.55	0.00
58.00	10.79	10.55	0.00	63.70	10.79	10.55	0.00
58.10	10.79	10.55	0.00	63.80	10.79	10.55	0.00
58.20	10.79	10.55	0.00	63.90	10.79	10.55	0.00
58.30	10.79	10.55	0.00	64.00	10.79	10.55	0.00
58.40	10.79	10.55	0.00	64.10	10.79	10.55	0.00
58.50	10.79	10.55	0.00	64.20	10.79	10.55	0.00
58.60	10.79	10.55	0.00	64.30	10.79	10.55	0.00
58.70	10.79	10.55	0.00	64.40	10.79	10.55	0.00
58.80	10.79	10.55	0.00	64.50	10.79	10.55	0.00
58.90	10.79	10.55	0.00	64.60	10.79	10.55	0.00
59.00	10.79	10.55	0.00	64.70	10.79	10.55	0.00
59.10	10.79	10.55	0.00	64.80	10.79	10.55	0.00
59.20	10.79	10.55	0.00	64.90	10.79	10.55	0.00
59.30	10.79	10.55	0.00	65.00	10.79	10.55	0.00
59.40	10.79	10.55	0.00	65.10	10.79	10.55	0.00
59.50	10.79	10.55	0.00	65.20	10.79	10.55	0.00
59.60	10.79	10.55	0.00	65.30	10.79	10.55	0.00
59.70	10.79	10.55	0.00	65.40	10.79	10.55	0.00
59.80	10.79	10.55	0.00	65.50	10.79	10.55	0.00
59.90	10.79	10.55	0.00	65.60	10.79	10.55	0.00
60.00	10.79	10.55	0.00	65.70	10.79	10.55	0.00
60.10	10.79	10.55	0.00	65.80	10.79	10.55	0.00
60.20	10.79	10.55	0.00	65.90	10.79	10.55	0.00
60.30	10.79	10.55	0.00	66.00	10.79	10.55	0.00
60.40	10.79	10.55	0.00	66.10	10.79	10.55	0.00
60.50	10.79	10.55	0.00	66.20	10.79	10.55	0.00
60.60	10.79	10.55	0.00	66.30	10.79	10.55	0.00
60.70	10.79	10.55	0.00	66.40	10.79	10.55	0.00
60.80	10.79	10.55	0.00	66.50	10.79	10.55	0.00
60.90	10.79	10.55	0.00	66.60	10.79	10.55	0.00
61.00	10.79	10.55	0.00	66.70	10.79	10.55	0.00
61.10	10.79	10.55	0.00	66.80	10.79	10.55	0.00
61.20	10.79	10.55	0.00	66.90	10.79	10.55	0.00
61.30	10.79	10.55	0.00	67.00	10.79	10.55	0.00
61.40	10.79	10.55	0.00	67.10	10.79	10.55	0.00
61.50	10.79	10.55	0.00	67.20	10.79	10.55	0.00
61.60	10.79	10.55	0.00	67.30	10.79	10.55	0.00
61.70	10.79	10.55	0.00	67.40	10.79	10.55	0.00
61.80	10.79	10.55	0.00	67.50	10.79	10.55	0.00
61.90	10.79	10.55	0.00	67.60	10.79	10.55	0.00
62.00	10.79	10.55	0.00	67.70	10.79	10.55	0.00
62.10	10.79	10.55	0.00	67.80	10.79	10.55	0.00
62.20	10.79	10.55	0.00	67.90	10.79	10.55	0.00
62.30	10.79	10.55	0.00	68.00	10.79	10.55	0.00
62.40	10.79	10.55	0.00	68.10	10.79	10.55	0.00
62.50	10.79	10.55	0.00	68.20	10.79	10.55	0.00
62.60	10.79	10.55	0.00	68.30	10.79	10.55	0.00

Hydrograph for Subcatchment 4S: EDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	10.79	10.55	0.00
68.50	10.79	10.55	0.00
68.60	10.79	10.55	0.00
68.70	10.79	10.55	0.00
68.80	10.79	10.55	0.00
68.90	10.79	10.55	0.00
69.00	10.79	10.55	0.00
69.10	10.79	10.55	0.00
69.20	10.79	10.55	0.00
69.30	10.79	10.55	0.00
69.40	10.79	10.55	0.00
69.50	10.79	10.55	0.00
69.60	10.79	10.55	0.00
69.70	10.79	10.55	0.00
69.80	10.79	10.55	0.00
69.90	10.79	10.55	0.00
70.00	10.79	10.55	0.00
70.10	10.79	10.55	0.00
70.20	10.79	10.55	0.00
70.30	10.79	10.55	0.00
70.40	10.79	10.55	0.00
70.50	10.79	10.55	0.00
70.60	10.79	10.55	0.00
70.70	10.79	10.55	0.00
70.80	10.79	10.55	0.00
70.90	10.79	10.55	0.00
71.00	10.79	10.55	0.00
71.10	10.79	10.55	0.00
71.20	10.79	10.55	0.00
71.30	10.79	10.55	0.00
71.40	10.79	10.55	0.00
71.50	10.79	10.55	0.00
71.60	10.79	10.55	0.00
71.70	10.79	10.55	0.00
71.80	10.79	10.55	0.00
71.90	10.79	10.55	0.00
72.00	10.79	10.55	0.00

Link 3L: POA-1


Hydrograph
41.53 cfs
Inflow Area=6.225 ac
Inflow
Primary
Flow (cfs)
Time (hours)

Hydrograph for Link 3L: POA-1

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	1.03	0.00	1.03
0.10	0.00	0.00	0.00	5.80	1.04	0.00	1.04
0.20	0.00	0.00	0.00	5.90	1.05	0.00	1.05
0.30	0.00	0.00	0.00	6.00	1.06	0.00	1.06
0.40	0.00	0.00	0.00	6.10	1.07	0.00	1.07
0.50	0.02	0.00	0.02	6.20	1.09	0.00	1.09
0.60	0.06	0.00	0.06	6.30	1.11	0.00	1.11
0.70	0.11	0.00	0.11	6.40	1.14	0.00	1.14
0.80	0.17	0.00	0.17	6.50	1.16	0.00	1.16
0.90	0.22	0.00	0.22	6.60	1.19	0.00	1.19
1.00	0.27	0.00	0.27	6.70	1.22	0.00	1.22
1.10	0.32	0.00	0.32	6.80	1.25	0.00	1.25
1.20	0.36	0.00	0.36	6.90	1.28	0.00	1.28
1.30	0.40	0.00	0.40	7.00	1.31	0.00	1.31
1.40	0.43	0.00	0.43	7.10	1.33	0.00	1.33
1.50	0.46	0.00	0.46	7.20	1.36	0.00	1.36
1.60	0.49	0.00	0.49	7.30	1.39	0.00	1.39
1.70	0.52	0.00	0.52	7.40	1.42	0.00	1.42
1.80	0.54	0.00	0.54	7.50	1.45	0.00	1.45
1.90	0.57	0.00	0.57	7.60	1.48	0.00	1.48
2.00	0.59	0.00	0.59	7.70	1.51	0.00	1.51
2.10	0.61	0.00	0.61	7.80	1.54	0.00	1.54
2.20	0.63	0.00	0.63	7.90	1.57	0.00	1.57
2.30	0.65	0.00	0.65	8.00	1.59	0.00	1.59
2.40	0.67	0.00	0.67	8.10	1.62	0.00	1.62
2.50	0.68	0.00	0.68	8.20	1.65	0.00	1.65
2.60	0.70	0.00	0.70	8.30	1.68	0.00	1.68
2.70	0.71	0.00	0.71	8.40	1.71	0.00	1.71
2.80	0.73	0.00	0.73	8.50	1.74	0.00	1.74
2.90	0.74	0.00	0.74	8.60	1.77	0.00	1.77
3.00	0.76	0.00	0.76	8.70	1.80	0.00	1.80
3.10	0.77	0.00	0.77	8.80	1.83	0.00	1.83
3.20	0.78	0.00	0.78	8.90	1.85	0.00	1.85
3.30	0.79	0.00	0.79	9.00	1.88	0.00	1.88
3.40	0.81	0.00	0.81	9.10	1.92	0.00	1.92
3.50	0.82	0.00	0.82	9.20	1.99	0.00	1.99
3.60	0.83	0.00	0.83	9.30	2.07	0.00	2.07
3.70	0.84	0.00	0.84	9.40	2.16	0.00	2.16
3.80	0.85	0.00	0.85	9.50	2.26	0.00	2.26
3.90	0.86	0.00	0.86	9.60	2.35	0.00	2.35
4.00	0.87	0.00	0.87	9.70	2.45	0.00	2.45
4.10	0.88	0.00	0.88	9.80	2.55	0.00	2.55
4.20	0.89	0.00	0.89	9.90	2.65	0.00	2.65
4.30	0.90	0.00	0.90	10.00	2.75	0.00	2.75
4.40	0.91	0.00	0.91	10.10	2.85	0.00	2.85
4.50	0.92	0.00	0.92	10.20	2.95	0.00	2.95
4.60	0.93	0.00	0.93	10.30	3.05	0.00	3.05
4.70	0.94	0.00	0.94	10.40	3.16	0.00	3.16
4.80	0.95	0.00	0.95	10.50	3.26	0.00	3.26
4.90	0.96	0.00	0.96	10.60	3.40	0.00	3.40
5.00	0.97	0.00	0.97	10.70	3.64	0.00	3.64
5.10	0.98	0.00	0.98	10.80	3.94	0.00	3.94
5.20	0.99	0.00	0.99	10.90	4.27	0.00	4.27
5.30	1.00	0.00	1.00	11.00	4.62	0.00	4.62
5.40	1.00	0.00	1.00	11.10	5.02	0.00	5.02
5.50	1.01	0.00	1.01	11.20	5.53	0.00	5.53
5.60	1.02	0.00	1.02	11.30	6.10	0.00	6.10

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	6.71	0.00	6.71	17.10	1.49	0.00	1.49
11.50	7.34	0.00	7.34	17.20	1.46	0.00	1.46
11.60	8.38	0.00	8.38	17.30	1.44	0.00	1.44
11.70	9.85	0.00	9.85	17.40	1.41	0.00	1.41
11.80	11.66	0.00	11.66	17.50	1.38	0.00	1.38
11.90	14.99	0.00	14.99	17.60	1.35	0.00	1.35
12.00	21.55	0.00	21.55	17.70	1.32	0.00	1.32
12.10	34.38	0.00	34.38	17.80	1.29	0.00	1.29
12.20	**41.03**	0.00	**41.03**	17.90	1.26	0.00	1.26
12.30	32.71	0.00	32.71	18.00	1.23	0.00	1.23
12.40	25.25	0.00	25.25	18.10	1.20	0.00	1.20
12.50	19.65	0.00	19.65	18.20	1.18	0.00	1.18
12.60	15.62	0.00	15.62	18.30	1.16	0.00	1.16
12.70	12.30	0.00	12.30	18.40	1.15	0.00	1.15
12.80	10.16	0.00	10.16	18.50	1.14	0.00	1.14
12.90	8.75	0.00	8.75	18.60	1.13	0.00	1.13
13.00	7.68	0.00	7.68	18.70	1.12	0.00	1.12
13.10	6.78	0.00	6.78	18.80	1.11	0.00	1.11
13.20	6.09	0.00	6.09	18.90	1.10	0.00	1.10
13.30	5.55	0.00	5.55	19.00	1.10	0.00	1.10
13.40	5.09	0.00	5.09	19.10	1.09	0.00	1.09
13.50	4.67	0.00	4.67	19.20	1.08	0.00	1.08
13.60	4.27	0.00	4.27	19.30	1.08	0.00	1.08
13.70	3.93	0.00	3.93	19.40	1.07	0.00	1.07
13.80	3.70	0.00	3.70	19.50	1.06	0.00	1.06
13.90	3.52	0.00	3.52	19.60	1.05	0.00	1.05
14.00	3.38	0.00	3.38	19.70	1.05	0.00	1.05
14.10	3.26	0.00	3.26	19.80	1.04	0.00	1.04
14.20	3.14	0.00	3.14	19.90	1.03	0.00	1.03
14.30	3.04	0.00	3.04	20.00	1.02	0.00	1.02
14.40	2.93	0.00	2.93	20.10	1.02	0.00	1.02
14.50	2.83	0.00	2.83	20.20	1.01	0.00	1.01
14.60	2.73	0.00	2.73	20.30	1.00	0.00	1.00
14.70	2.62	0.00	2.62	20.40	0.99	0.00	0.99
14.80	2.52	0.00	2.52	20.50	0.99	0.00	0.99
14.90	2.42	0.00	2.42	20.60	0.98	0.00	0.98
15.00	2.31	0.00	2.31	20.70	0.97	0.00	0.97
15.10	2.21	0.00	2.21	20.80	0.97	0.00	0.97
15.20	2.12	0.00	2.12	20.90	0.96	0.00	0.96
15.30	2.06	0.00	2.06	21.00	0.95	0.00	0.95
15.40	2.01	0.00	2.01	21.10	0.94	0.00	0.94
15.50	1.97	0.00	1.97	21.20	0.94	0.00	0.94
15.60	1.93	0.00	1.93	21.30	0.93	0.00	0.93
15.70	1.90	0.00	1.90	21.40	0.92	0.00	0.92
15.80	1.87	0.00	1.87	21.50	0.92	0.00	0.92
15.90	1.84	0.00	1.84	21.60	0.91	0.00	0.91
16.00	1.81	0.00	1.81	21.70	0.90	0.00	0.90
16.10	1.78	0.00	1.78	21.80	0.89	0.00	0.89
16.20	1.76	0.00	1.76	21.90	0.89	0.00	0.89
16.30	1.73	0.00	1.73	22.00	0.88	0.00	0.88
16.40	1.70	0.00	1.70	22.10	0.87	0.00	0.87
16.50	1.67	0.00	1.67	22.20	0.86	0.00	0.86
16.60	1.64	0.00	1.64	22.30	0.86	0.00	0.86
16.70	1.61	0.00	1.61	22.40	0.85	0.00	0.85
16.80	1.58	0.00	1.58	22.50	0.84	0.00	0.84
16.90	1.55	0.00	1.55	22.60	0.83	0.00	0.83
17.00	1.52	0.00	1.52	22.70	0.83	0.00	0.83

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.82	0.00	0.82	28.50	0.00	0.00	0.00
22.90	0.81	0.00	0.81	28.60	0.00	0.00	0.00
23.00	0.81	0.00	0.81	28.70	0.00	0.00	0.00
23.10	0.80	0.00	0.80	28.80	0.00	0.00	0.00
23.20	0.79	0.00	0.79	28.90	0.00	0.00	0.00
23.30	0.78	0.00	0.78	29.00	0.00	0.00	0.00
23.40	0.78	0.00	0.78	29.10	0.00	0.00	0.00
23.50	0.77	0.00	0.77	29.20	0.00	0.00	0.00
23.60	0.76	0.00	0.76	29.30	0.00	0.00	0.00
23.70	0.76	0.00	0.76	29.40	0.00	0.00	0.00
23.80	0.75	0.00	0.75	29.50	0.00	0.00	0.00
23.90	0.74	0.00	0.74	29.60	0.00	0.00	0.00
24.00	0.73	0.00	0.73	29.70	0.00	0.00	0.00
24.10	0.60	0.00	0.60	29.80	0.00	0.00	0.00
24.20	0.34	0.00	0.34	29.90	0.00	0.00	0.00
24.30	0.19	0.00	0.19	30.00	0.00	0.00	0.00
24.40	0.10	0.00	0.10	30.10	0.00	0.00	0.00
24.50	0.05	0.00	0.05	30.20	0.00	0.00	0.00
24.60	0.02	0.00	0.02	30.30	0.00	0.00	0.00
24.70	0.01	0.00	0.01	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

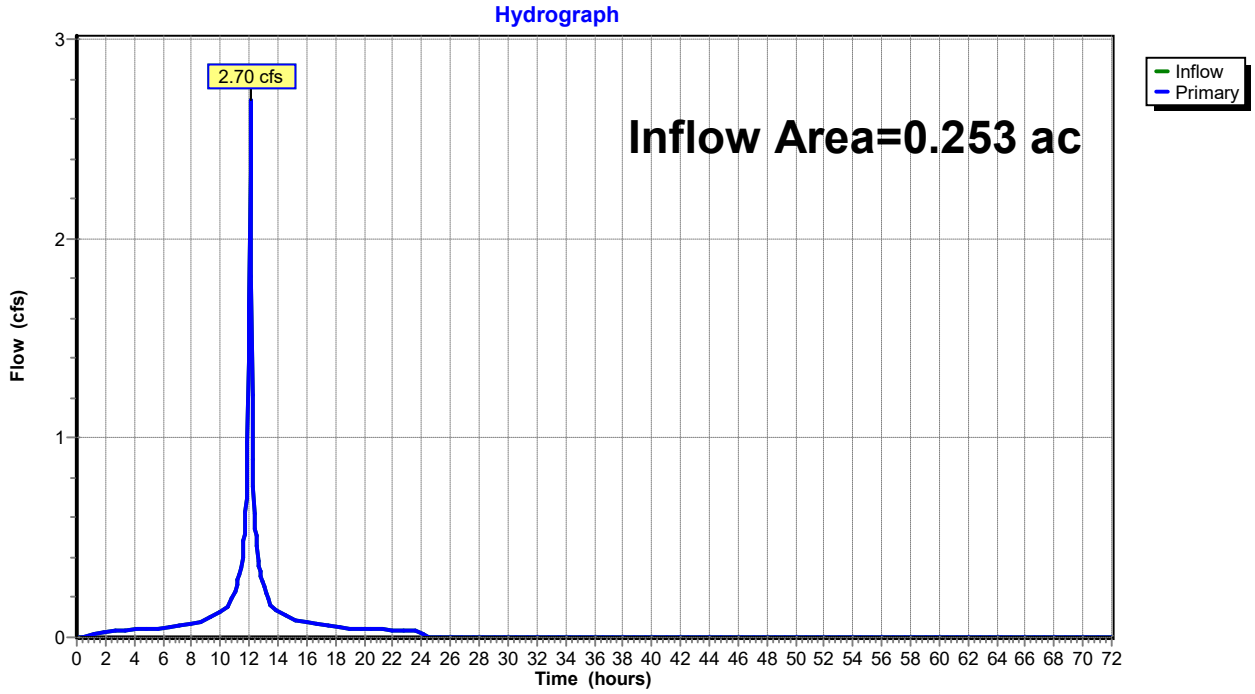
Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 3L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Link 5L: POA-2


Hydrograph
2.70 cfs
Inflow Area=0.253 ac
Inflow
Primary
Flow (cfs)
Time (hours)
0
1
2
3
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72

Hydrograph for Link 5L: POA-2

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.05	0.00	0.05
0.10	0.00	0.00	0.00	5.80	0.05	0.00	0.05
0.20	0.00	0.00	0.00	5.90	0.05	0.00	0.05
0.30	0.00	0.00	0.00	6.00	0.05	0.00	0.05
0.40	0.00	0.00	0.00	6.10	0.05	0.00	0.05
0.50	0.00	0.00	0.00	6.20	0.05	0.00	0.05
0.60	0.01	0.00	0.01	6.30	0.05	0.00	0.05
0.70	0.01	0.00	0.01	6.40	0.05	0.00	0.05
0.80	0.01	0.00	0.01	6.50	0.05	0.00	0.05
0.90	0.01	0.00	0.01	6.60	0.05	0.00	0.05
1.00	0.02	0.00	0.02	6.70	0.05	0.00	0.05
1.10	0.02	0.00	0.02	6.80	0.06	0.00	0.06
1.20	0.02	0.00	0.02	6.90	0.06	0.00	0.06
1.30	0.02	0.00	0.02	7.00	0.06	0.00	0.06
1.40	0.02	0.00	0.02	7.10	0.06	0.00	0.06
1.50	0.02	0.00	0.02	7.20	0.06	0.00	0.06
1.60	0.02	0.00	0.02	7.30	0.06	0.00	0.06
1.70	0.02	0.00	0.02	7.40	0.06	0.00	0.06
1.80	0.03	0.00	0.03	7.50	0.07	0.00	0.07
1.90	0.03	0.00	0.03	7.60	0.07	0.00	0.07
2.00	0.03	0.00	0.03	7.70	0.07	0.00	0.07
2.10	0.03	0.00	0.03	7.80	0.07	0.00	0.07
2.20	0.03	0.00	0.03	7.90	0.07	0.00	0.07
2.30	0.03	0.00	0.03	8.00	0.07	0.00	0.07
2.40	0.03	0.00	0.03	8.10	0.07	0.00	0.07
2.50	0.03	0.00	0.03	8.20	0.07	0.00	0.07
2.60	0.03	0.00	0.03	8.30	0.07	0.00	0.07
2.70	0.03	0.00	0.03	8.40	0.08	0.00	0.08
2.80	0.03	0.00	0.03	8.50	0.08	0.00	0.08
2.90	0.03	0.00	0.03	8.60	0.08	0.00	0.08
3.00	0.03	0.00	0.03	8.70	0.08	0.00	0.08
3.10	0.03	0.00	0.03	8.80	0.08	0.00	0.08
3.20	0.03	0.00	0.03	8.90	0.08	0.00	0.08
3.30	0.04	0.00	0.04	9.00	0.08	0.00	0.08
3.40	0.04	0.00	0.04	9.10	0.09	0.00	0.09
3.50	0.04	0.00	0.04	9.20	0.09	0.00	0.09
3.60	0.04	0.00	0.04	9.30	0.10	0.00	0.10
3.70	0.04	0.00	0.04	9.40	0.10	0.00	0.10
3.80	0.04	0.00	0.04	9.50	0.11	0.00	0.11
3.90	0.04	0.00	0.04	9.60	0.11	0.00	0.11
4.00	0.04	0.00	0.04	9.70	0.11	0.00	0.11
4.10	0.04	0.00	0.04	9.80	0.12	0.00	0.12
4.20	0.04	0.00	0.04	9.90	0.12	0.00	0.12
4.30	0.04	0.00	0.04	10.00	0.13	0.00	0.13
4.40	0.04	0.00	0.04	10.10	0.13	0.00	0.13
4.50	0.04	0.00	0.04	10.20	0.14	0.00	0.14
4.60	0.04	0.00	0.04	10.30	0.14	0.00	0.14
4.70	0.04	0.00	0.04	10.40	0.14	0.00	0.14
4.80	0.04	0.00	0.04	10.50	0.15	0.00	0.15
4.90	0.04	0.00	0.04	10.60	0.16	0.00	0.16
5.00	0.04	0.00	0.04	10.70	0.18	0.00	0.18
5.10	0.04	0.00	0.04	10.80	0.20	0.00	0.20
5.20	0.04	0.00	0.04	10.90	0.21	0.00	0.21
5.30	0.04	0.00	0.04	11.00	0.23	0.00	0.23
5.40	0.04	0.00	0.04	11.10	0.25	0.00	0.25
5.50	0.04	0.00	0.04	11.20	0.28	0.00	0.28
5.60	0.04	0.00	0.04	11.30	0.31	0.00	0.31

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	0.34	0.00	0.34	17.10	0.06	0.00	0.06
11.50	0.37	0.00	0.37	17.20	0.06	0.00	0.06
11.60	0.48	0.00	0.48	17.30	0.06	0.00	0.06
11.70	0.52	0.00	0.52	17.40	0.06	0.00	0.06
11.80	0.70	0.00	0.70	17.50	0.06	0.00	0.06
11.90	0.98	0.00	0.98	17.60	0.05	0.00	0.05
12.00	1.66	0.00	1.66	17.70	0.05	0.00	0.05
12.10	**2.67**	0.00	**2.67**	17.80	0.05	0.00	0.05
12.20	1.21	0.00	1.21	17.90	0.05	0.00	0.05
12.30	0.75	0.00	0.75	18.00	0.05	0.00	0.05
12.40	0.55	0.00	0.55	18.10	0.05	0.00	0.05
12.50	0.50	0.00	0.50	18.20	0.05	0.00	0.05
12.60	0.38	0.00	0.38	18.30	0.05	0.00	0.05
12.70	0.34	0.00	0.34	18.40	0.05	0.00	0.05
12.80	0.32	0.00	0.32	18.50	0.05	0.00	0.05
12.90	0.29	0.00	0.29	18.60	0.05	0.00	0.05
13.00	0.26	0.00	0.26	18.70	0.05	0.00	0.05
13.10	0.23	0.00	0.23	18.80	0.05	0.00	0.05
13.20	0.22	0.00	0.22	18.90	0.05	0.00	0.05
13.30	0.20	0.00	0.20	19.00	0.05	0.00	0.05
13.40	0.18	0.00	0.18	19.10	0.05	0.00	0.05
13.50	0.17	0.00	0.17	19.20	0.04	0.00	0.04
13.60	0.15	0.00	0.15	19.30	0.04	0.00	0.04
13.70	0.15	0.00	0.15	19.40	0.04	0.00	0.04
13.80	0.14	0.00	0.14	19.50	0.04	0.00	0.04
13.90	0.14	0.00	0.14	19.60	0.04	0.00	0.04
14.00	0.13	0.00	0.13	19.70	0.04	0.00	0.04
14.10	0.13	0.00	0.13	19.80	0.04	0.00	0.04
14.20	0.12	0.00	0.12	19.90	0.04	0.00	0.04
14.30	0.12	0.00	0.12	20.00	0.04	0.00	0.04
14.40	0.12	0.00	0.12	20.10	0.04	0.00	0.04
14.50	0.11	0.00	0.11	20.20	0.04	0.00	0.04
14.60	0.11	0.00	0.11	20.30	0.04	0.00	0.04
14.70	0.10	0.00	0.10	20.40	0.04	0.00	0.04
14.80	0.10	0.00	0.10	20.50	0.04	0.00	0.04
14.90	0.09	0.00	0.09	20.60	0.04	0.00	0.04
15.00	0.09	0.00	0.09	20.70	0.04	0.00	0.04
15.10	0.09	0.00	0.09	20.80	0.04	0.00	0.04
15.20	0.08	0.00	0.08	20.90	0.04	0.00	0.04
15.30	0.08	0.00	0.08	21.00	0.04	0.00	0.04
15.40	0.08	0.00	0.08	21.10	0.04	0.00	0.04
15.50	0.08	0.00	0.08	21.20	0.04	0.00	0.04
15.60	0.08	0.00	0.08	21.30	0.04	0.00	0.04
15.70	0.08	0.00	0.08	21.40	0.04	0.00	0.04
15.80	0.08	0.00	0.08	21.50	0.04	0.00	0.04
15.90	0.08	0.00	0.08	21.60	0.04	0.00	0.04
16.00	0.07	0.00	0.07	21.70	0.04	0.00	0.04
16.10	0.07	0.00	0.07	21.80	0.04	0.00	0.04
16.20	0.07	0.00	0.07	21.90	0.04	0.00	0.04
16.30	0.07	0.00	0.07	22.00	0.04	0.00	0.04
16.40	0.07	0.00	0.07	22.10	0.04	0.00	0.04
16.50	0.07	0.00	0.07	22.20	0.04	0.00	0.04
16.60	0.07	0.00	0.07	22.30	0.04	0.00	0.04
16.70	0.07	0.00	0.07	22.40	0.03	0.00	0.03
16.80	0.06	0.00	0.06	22.50	0.03	0.00	0.03
16.90	0.06	0.00	0.06	22.60	0.03	0.00	0.03
17.00	0.06	0.00	0.06	22.70	0.03	0.00	0.03

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.03	0.00	0.03	28.50	0.00	0.00	0.00
22.90	0.03	0.00	0.03	28.60	0.00	0.00	0.00
23.00	0.03	0.00	0.03	28.70	0.00	0.00	0.00
23.10	0.03	0.00	0.03	28.80	0.00	0.00	0.00
23.20	0.03	0.00	0.03	28.90	0.00	0.00	0.00
23.30	0.03	0.00	0.03	29.00	0.00	0.00	0.00
23.40	0.03	0.00	0.03	29.10	0.00	0.00	0.00
23.50	0.03	0.00	0.03	29.20	0.00	0.00	0.00
23.60	0.03	0.00	0.03	29.30	0.00	0.00	0.00
23.70	0.03	0.00	0.03	29.40	0.00	0.00	0.00
23.80	0.03	0.00	0.03	29.50	0.00	0.00	0.00
23.90	0.03	0.00	0.03	29.60	0.00	0.00	0.00
24.00	0.03	0.00	0.03	29.70	0.00	0.00	0.00
24.10	0.00	0.00	0.00	29.80	0.00	0.00	0.00
24.20	0.00	0.00	0.00	29.90	0.00	0.00	0.00
24.30	0.00	0.00	0.00	30.00	0.00	0.00	0.00
24.40	0.00	0.00	0.00	30.10	0.00	0.00	0.00
24.50	0.00	0.00	0.00	30.20	0.00	0.00	0.00
24.60	0.00	0.00	0.00	30.30	0.00	0.00	0.00
24.70	0.00	0.00	0.00	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

Hydrograph for Link 5L: POA-2 (continued)

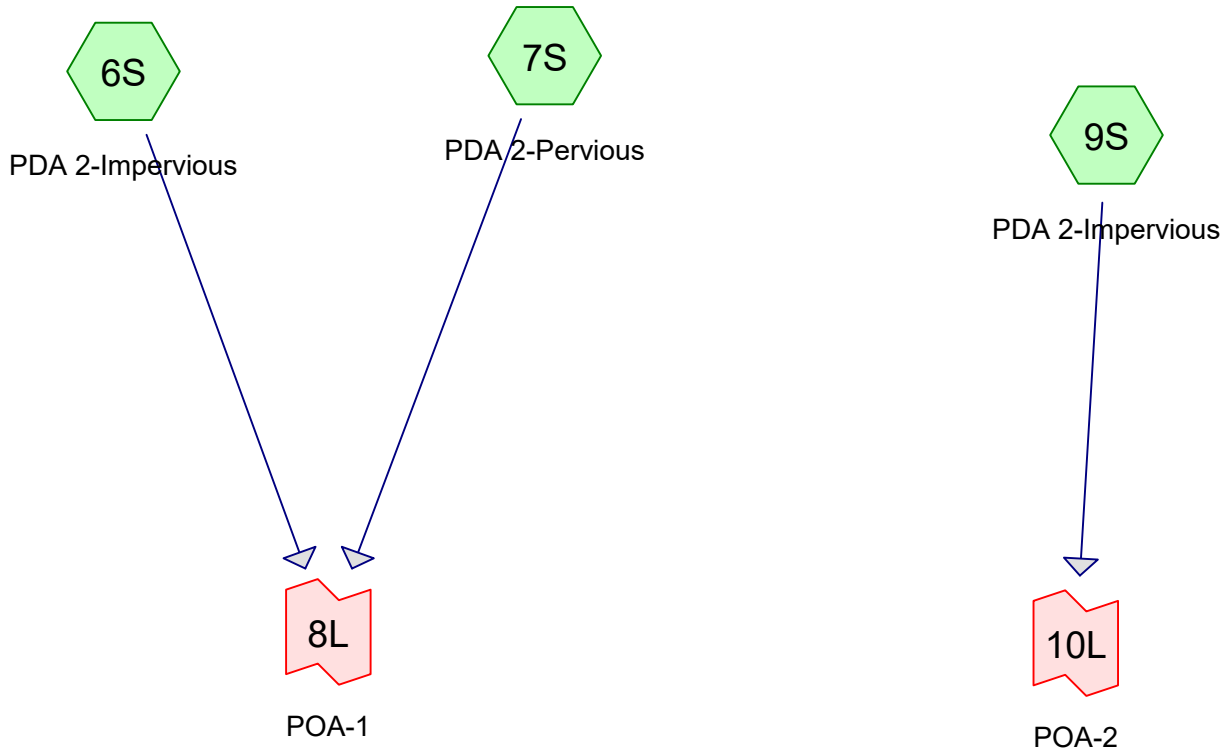
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

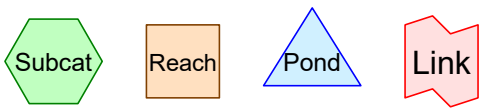
Hydrograph for Link 5L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Appendix C

Proposed HydroCAD Input and Output File





Routing Diagram for 8407-Drainage Areas
Prepared by Najarian Associates, Printed 7/10/2025
HydroCAD® 10.20-5b s/n 08766 © 2023 HydroCAD Software Solutions LLC

Rainfall Events Listing (selected events)

Event#	Event Name	Storm Type	Curve	Mode	Duration (hours)	B/B	Depth (inches)	AMC
1	2-YR CURRENT	NOAA 24-hr	D	Default	24.00	1	3.31	2
2	2-YR FUTURE	NOAA 24-hr	D	Default	24.00	1	3.94	2
3	10-YR CURRENT	NOAA 24-hr	D	Default	24.00	1	5.13	2
4	10-YR FUTURE	NOAA 24-hr	D	Default	24.00	1	6.05	2
5	100-YR CURRENT	NOAA 24-hr	D	Default	24.00	1	8.73	2
6	100-YR FUTURE	NOAA 24-hr	D	Default	24.00	1	10.79	2

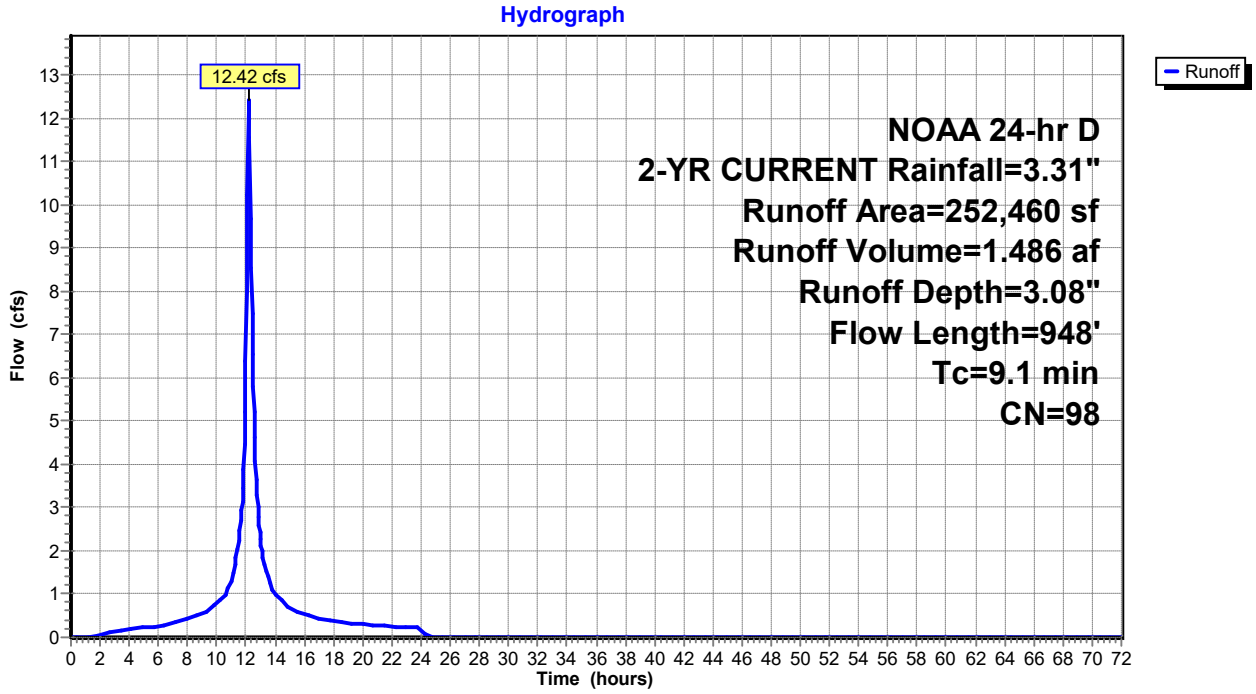
Area Listing (selected nodes)

Area (acres)	CN	Description (subcatchment-numbers)
0.429	39	>75% Grass cover, Good, HSG A (7S)
6.048	98	Paved parking, HSG A (6S, 9S)
6.478	**94**	**TOTAL AREA**

Ground Covers (selected nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.429	0.000	0.000	0.000	0.000	0.429	>75% Grass cover, Good	7S
6.048	0.000	0.000	0.000	0.000	6.048	Paved parking	6S, 9S
6.478	**0.000**	**0.000**	**0.000**	**0.000**	**6.478**	**TOTAL AREA**	

Subcatchment 6S: PDA 2-Impervious



Hydrograph for Subcatchment 6S: PDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.27	0.12	0.25
0.10	0.00	0.00	0.00	5.80	0.27	0.12	0.25
0.20	0.01	0.00	0.00	5.90	0.28	0.13	0.26
0.30	0.01	0.00	0.00	6.00	0.28	0.13	0.26
0.40	0.01	0.00	0.00	6.10	0.29	0.14	0.26
0.50	0.02	0.00	0.00	6.20	0.29	0.14	0.27
0.60	0.02	0.00	0.00	6.30	0.30	0.15	0.28
0.70	0.03	0.00	0.00	6.40	0.31	0.15	0.29
0.80	0.03	0.00	0.00	6.50	0.31	0.16	0.30
0.90	0.03	0.00	0.00	6.60	0.32	0.16	0.30
1.00	0.04	0.00	0.00	6.70	0.33	0.17	0.31
1.10	0.04	0.00	0.00	6.80	0.33	0.17	0.32
1.20	0.05	0.00	0.00	6.90	0.34	0.18	0.33
1.30	0.05	0.00	0.01	7.00	0.35	0.19	0.34
1.40	0.05	0.00	0.01	7.10	0.36	0.19	0.35
1.50	0.06	0.00	0.02	7.20	0.36	0.20	0.36
1.60	0.06	0.00	0.03	7.30	0.37	0.20	0.37
1.70	0.07	0.00	0.03	7.40	0.38	0.21	0.38
1.80	0.07	0.00	0.04	7.50	0.39	0.22	0.39
1.90	0.08	0.00	0.05	7.60	0.40	0.23	0.40
2.00	0.08	0.01	0.06	7.70	0.40	0.23	0.40
2.10	0.08	0.01	0.06	7.80	0.41	0.24	0.41
2.20	0.09	0.01	0.07	7.90	0.42	0.25	0.42
2.30	0.09	0.01	0.08	8.00	0.43	0.25	0.43
2.40	0.10	0.01	0.09	8.10	0.44	0.26	0.44
2.50	0.10	0.01	0.09	8.20	0.45	0.27	0.45
2.60	0.11	0.02	0.10	8.30	0.46	0.28	0.46
2.70	0.11	0.02	0.11	8.40	0.47	0.29	0.47
2.80	0.12	0.02	0.11	8.50	0.48	0.30	0.48
2.90	0.12	0.02	0.12	8.60	0.49	0.30	0.49
3.00	0.12	0.02	0.12	8.70	0.49	0.31	0.50
3.10	0.13	0.03	0.13	8.80	0.50	0.32	0.51
3.20	0.13	0.03	0.13	8.90	0.51	0.33	0.52
3.30	0.14	0.03	0.14	9.00	0.53	0.34	0.53
3.40	0.14	0.03	0.15	9.10	0.54	0.35	0.54
3.50	0.15	0.04	0.15	9.20	0.55	0.36	0.56
3.60	0.15	0.04	0.16	9.30	0.56	0.37	0.58
3.70	0.16	0.04	0.16	9.40	0.57	0.38	0.61
3.80	0.16	0.05	0.17	9.50	0.58	0.39	0.64
3.90	0.17	0.05	0.17	9.60	0.60	0.41	0.67
4.00	0.17	0.05	0.18	9.70	0.61	0.42	0.70
4.10	0.18	0.06	0.18	9.80	0.63	0.43	0.73
4.20	0.18	0.06	0.19	9.90	0.64	0.45	0.76
4.30	0.19	0.06	0.19	10.00	0.66	0.46	0.79
4.40	0.19	0.07	0.20	10.10	0.67	0.48	0.82
4.50	0.20	0.07	0.20	10.20	0.69	0.49	0.85
4.60	0.20	0.07	0.20	10.30	0.71	0.51	0.88
4.70	0.21	0.08	0.21	10.40	0.72	0.53	0.91
4.80	0.22	0.08	0.21	10.50	0.74	0.54	0.94
4.90	0.22	0.08	0.22	10.60	0.76	0.56	0.99
5.00	0.23	0.09	0.22	10.70	0.78	0.58	1.06
5.10	0.23	0.09	0.23	10.80	0.81	0.61	1.15
5.20	0.24	0.10	0.23	10.90	0.83	0.63	1.25
5.30	0.24	0.10	0.23	11.00	0.86	0.66	1.35
5.40	0.25	0.10	0.24	11.10	0.89	0.69	1.48
5.50	0.25	0.11	0.24	11.20	0.93	0.72	1.63
5.60	0.26	0.11	0.25	11.30	0.96	0.76	1.80

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.00	0.80	1.98	17.10	2.97	2.74	0.44
11.50	1.05	0.84	2.17	17.20	2.98	2.74	0.43
11.60	1.11	0.90	2.48	17.30	2.98	2.75	0.42
11.70	1.17	0.96	2.92	17.40	2.99	2.76	0.41
11.80	1.26	1.04	3.46	17.50	3.00	2.76	0.40
11.90	1.38	1.16	4.45	17.60	3.00	2.77	0.40
12.00	1.59	1.36	6.40	17.70	3.01	2.78	0.39
12.10	1.93	1.71	**10.21**	17.80	3.02	2.78	0.38
12.20	2.05	1.83	**12.17**	17.90	3.02	2.79	0.37
12.30	2.14	1.91	9.70	18.00	3.03	2.80	0.36
12.40	2.20	1.97	7.48	18.10	3.03	2.80	0.35
12.50	2.26	2.03	5.82	18.20	3.04	2.81	0.35
12.60	2.31	2.08	4.62	18.30	3.04	2.81	0.34
12.70	2.35	2.12	3.64	18.40	3.05	2.82	0.34
12.80	2.38	2.16	3.00	18.50	3.06	2.82	0.33
12.90	2.42	2.19	2.58	18.60	3.06	2.83	0.33
13.00	2.45	2.22	2.27	18.70	3.07	2.84	0.33
13.10	2.48	2.25	2.00	18.80	3.07	2.84	0.33
13.20	2.50	2.27	1.80	18.90	3.08	2.85	0.32
13.30	2.53	2.30	1.64	19.00	3.08	2.85	0.32
13.40	2.55	2.32	1.50	19.10	3.09	2.86	0.32
13.50	2.57	2.34	1.38	19.20	3.09	2.86	0.32
13.60	2.59	2.36	1.26	19.30	3.10	2.87	0.32
13.70	2.60	2.37	1.16	19.40	3.11	2.87	0.31
13.80	2.62	2.39	1.09	19.50	3.11	2.88	0.31
13.90	2.64	2.41	1.04	19.60	3.12	2.88	0.31
14.00	2.65	2.42	1.00	19.70	3.12	2.89	0.31
14.10	2.67	2.44	0.96	19.80	3.13	2.89	0.31
14.20	2.68	2.45	0.93	19.90	3.13	2.90	0.30
14.30	2.70	2.47	0.89	20.00	3.14	2.90	0.30
14.40	2.71	2.48	0.86	20.10	3.14	2.91	0.30
14.50	2.73	2.50	0.83	20.20	3.15	2.91	0.30
14.60	2.74	2.51	0.80	20.30	3.15	2.92	0.29
14.70	2.75	2.52	0.77	20.40	3.16	2.92	0.29
14.80	2.76	2.53	0.74	20.50	3.16	2.93	0.29
14.90	2.77	2.54	0.71	20.60	3.17	2.93	0.29
15.00	2.78	2.55	0.68	20.70	3.17	2.94	0.29
15.10	2.80	2.56	0.65	20.80	3.18	2.94	0.28
15.20	2.81	2.57	0.62	20.90	3.18	2.95	0.28
15.30	2.82	2.58	0.60	21.00	3.19	2.95	0.28
15.40	2.82	2.59	0.59	21.10	3.19	2.96	0.28
15.50	2.83	2.60	0.58	21.20	3.19	2.96	0.27
15.60	2.84	2.61	0.57	21.30	3.20	2.97	0.27
15.70	2.85	2.62	0.56	21.40	3.20	2.97	0.27
15.80	2.86	2.63	0.55	21.50	3.21	2.98	0.27
15.90	2.87	2.64	0.54	21.60	3.21	2.98	0.27
16.00	2.88	2.65	0.53	21.70	3.22	2.98	0.26
16.10	2.89	2.66	0.52	21.80	3.22	2.99	0.26
16.20	2.90	2.67	0.52	21.90	3.23	2.99	0.26
16.30	2.91	2.67	0.51	22.00	3.23	3.00	0.26
16.40	2.91	2.68	0.50	22.10	3.23	3.00	0.26
16.50	2.92	2.69	0.49	22.20	3.24	3.01	0.25
16.60	2.93	2.70	0.48	22.30	3.24	3.01	0.25
16.70	2.94	2.71	0.47	22.40	3.25	3.01	0.25
16.80	2.95	2.71	0.46	22.50	3.25	3.02	0.25
16.90	2.95	2.72	0.46	22.60	3.26	3.02	0.24
17.00	2.96	2.73	0.45	22.70	3.26	3.03	0.24

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	3.26	3.03	0.24	28.50	3.31	3.08	0.00
22.90	3.27	3.04	0.24	28.60	3.31	3.08	0.00
23.00	3.27	3.04	0.24	28.70	3.31	3.08	0.00
23.10	3.28	3.04	0.23	28.80	3.31	3.08	0.00
23.20	3.28	3.05	0.23	28.90	3.31	3.08	0.00
23.30	3.28	3.05	0.23	29.00	3.31	3.08	0.00
23.40	3.29	3.05	0.23	29.10	3.31	3.08	0.00
23.50	3.29	3.06	0.23	29.20	3.31	3.08	0.00
23.60	3.30	3.06	0.22	29.30	3.31	3.08	0.00
23.70	3.30	3.07	0.22	29.40	3.31	3.08	0.00
23.80	3.30	3.07	0.22	29.50	3.31	3.08	0.00
23.90	3.31	3.07	0.22	29.60	3.31	3.08	0.00
24.00	**3.31**	**3.08**	0.22	29.70	3.31	3.08	0.00
24.10	3.31	3.08	0.18	29.80	3.31	3.08	0.00
24.20	3.31	3.08	0.10	29.90	3.31	3.08	0.00
24.30	3.31	3.08	0.06	30.00	3.31	3.08	0.00
24.40	3.31	3.08	0.03	30.10	3.31	3.08	0.00
24.50	3.31	3.08	0.02	30.20	3.31	3.08	0.00
24.60	3.31	3.08	0.01	30.30	3.31	3.08	0.00
24.70	3.31	3.08	0.00	30.40	3.31	3.08	0.00
24.80	3.31	3.08	0.00	30.50	3.31	3.08	0.00
24.90	3.31	3.08	0.00	30.60	3.31	3.08	0.00
25.00	3.31	3.08	0.00	30.70	3.31	3.08	0.00
25.10	3.31	3.08	0.00	30.80	3.31	3.08	0.00
25.20	3.31	3.08	0.00	30.90	3.31	3.08	0.00
25.30	3.31	3.08	0.00	31.00	3.31	3.08	0.00
25.40	3.31	3.08	0.00	31.10	3.31	3.08	0.00
25.50	3.31	3.08	0.00	31.20	3.31	3.08	0.00
25.60	3.31	3.08	0.00	31.30	3.31	3.08	0.00
25.70	3.31	3.08	0.00	31.40	3.31	3.08	0.00
25.80	3.31	3.08	0.00	31.50	3.31	3.08	0.00
25.90	3.31	3.08	0.00	31.60	3.31	3.08	0.00
26.00	3.31	3.08	0.00	31.70	3.31	3.08	0.00
26.10	3.31	3.08	0.00	31.80	3.31	3.08	0.00
26.20	3.31	3.08	0.00	31.90	3.31	3.08	0.00
26.30	3.31	3.08	0.00	32.00	3.31	3.08	0.00
26.40	3.31	3.08	0.00	32.10	3.31	3.08	0.00
26.50	3.31	3.08	0.00	32.20	3.31	3.08	0.00
26.60	3.31	3.08	0.00	32.30	3.31	3.08	0.00
26.70	3.31	3.08	0.00	32.40	3.31	3.08	0.00
26.80	3.31	3.08	0.00	32.50	3.31	3.08	0.00
26.90	3.31	3.08	0.00	32.60	3.31	3.08	0.00
27.00	3.31	3.08	0.00	32.70	3.31	3.08	0.00
27.10	3.31	3.08	0.00	32.80	3.31	3.08	0.00
27.20	3.31	3.08	0.00	32.90	3.31	3.08	0.00
27.30	3.31	3.08	0.00	33.00	3.31	3.08	0.00
27.40	3.31	3.08	0.00	33.10	3.31	3.08	0.00
27.50	3.31	3.08	0.00	33.20	3.31	3.08	0.00
27.60	3.31	3.08	0.00	33.30	3.31	3.08	0.00
27.70	3.31	3.08	0.00	33.40	3.31	3.08	0.00
27.80	3.31	3.08	0.00	33.50	3.31	3.08	0.00
27.90	3.31	3.08	0.00	33.60	3.31	3.08	0.00
28.00	3.31	3.08	0.00	33.70	3.31	3.08	0.00
28.10	3.31	3.08	0.00	33.80	3.31	3.08	0.00
28.20	3.31	3.08	0.00	33.90	3.31	3.08	0.00
28.30	3.31	3.08	0.00	34.00	3.31	3.08	0.00
28.40	3.31	3.08	0.00	34.10	3.31	3.08	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	3.31	3.08	0.00	39.90	3.31	3.08	0.00
34.30	3.31	3.08	0.00	40.00	3.31	3.08	0.00
34.40	3.31	3.08	0.00	40.10	3.31	3.08	0.00
34.50	3.31	3.08	0.00	40.20	3.31	3.08	0.00
34.60	3.31	3.08	0.00	40.30	3.31	3.08	0.00
34.70	3.31	3.08	0.00	40.40	3.31	3.08	0.00
34.80	3.31	3.08	0.00	40.50	3.31	3.08	0.00
34.90	3.31	3.08	0.00	40.60	3.31	3.08	0.00
35.00	3.31	3.08	0.00	40.70	3.31	3.08	0.00
35.10	3.31	3.08	0.00	40.80	3.31	3.08	0.00
35.20	3.31	3.08	0.00	40.90	3.31	3.08	0.00
35.30	3.31	3.08	0.00	41.00	3.31	3.08	0.00
35.40	3.31	3.08	0.00	41.10	3.31	3.08	0.00
35.50	3.31	3.08	0.00	41.20	3.31	3.08	0.00
35.60	3.31	3.08	0.00	41.30	3.31	3.08	0.00
35.70	3.31	3.08	0.00	41.40	3.31	3.08	0.00
35.80	3.31	3.08	0.00	41.50	3.31	3.08	0.00
35.90	3.31	3.08	0.00	41.60	3.31	3.08	0.00
36.00	3.31	3.08	0.00	41.70	3.31	3.08	0.00
36.10	3.31	3.08	0.00	41.80	3.31	3.08	0.00
36.20	3.31	3.08	0.00	41.90	3.31	3.08	0.00
36.30	3.31	3.08	0.00	42.00	3.31	3.08	0.00
36.40	3.31	3.08	0.00	42.10	3.31	3.08	0.00
36.50	3.31	3.08	0.00	42.20	3.31	3.08	0.00
36.60	3.31	3.08	0.00	42.30	3.31	3.08	0.00
36.70	3.31	3.08	0.00	42.40	3.31	3.08	0.00
36.80	3.31	3.08	0.00	42.50	3.31	3.08	0.00
36.90	3.31	3.08	0.00	42.60	3.31	3.08	0.00
37.00	3.31	3.08	0.00	42.70	3.31	3.08	0.00
37.10	3.31	3.08	0.00	42.80	3.31	3.08	0.00
37.20	3.31	3.08	0.00	42.90	3.31	3.08	0.00
37.30	3.31	3.08	0.00	43.00	3.31	3.08	0.00
37.40	3.31	3.08	0.00	43.10	3.31	3.08	0.00
37.50	3.31	3.08	0.00	43.20	3.31	3.08	0.00
37.60	3.31	3.08	0.00	43.30	3.31	3.08	0.00
37.70	3.31	3.08	0.00	43.40	3.31	3.08	0.00
37.80	3.31	3.08	0.00	43.50	3.31	3.08	0.00
37.90	3.31	3.08	0.00	43.60	3.31	3.08	0.00
38.00	3.31	3.08	0.00	43.70	3.31	3.08	0.00
38.10	3.31	3.08	0.00	43.80	3.31	3.08	0.00
38.20	3.31	3.08	0.00	43.90	3.31	3.08	0.00
38.30	3.31	3.08	0.00	44.00	3.31	3.08	0.00
38.40	3.31	3.08	0.00	44.10	3.31	3.08	0.00
38.50	3.31	3.08	0.00	44.20	3.31	3.08	0.00
38.60	3.31	3.08	0.00	44.30	3.31	3.08	0.00
38.70	3.31	3.08	0.00	44.40	3.31	3.08	0.00
38.80	3.31	3.08	0.00	44.50	3.31	3.08	0.00
38.90	3.31	3.08	0.00	44.60	3.31	3.08	0.00
39.00	3.31	3.08	0.00	44.70	3.31	3.08	0.00
39.10	3.31	3.08	0.00	44.80	3.31	3.08	0.00
39.20	3.31	3.08	0.00	44.90	3.31	3.08	0.00
39.30	3.31	3.08	0.00	45.00	3.31	3.08	0.00
39.40	3.31	3.08	0.00	45.10	3.31	3.08	0.00
39.50	3.31	3.08	0.00	45.20	3.31	3.08	0.00
39.60	3.31	3.08	0.00	45.30	3.31	3.08	0.00
39.70	3.31	3.08	0.00	45.40	3.31	3.08	0.00
39.80	3.31	3.08	0.00	45.50	3.31	3.08	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	3.31	3.08	0.00	51.30	3.31	3.08	0.00
45.70	3.31	3.08	0.00	51.40	3.31	3.08	0.00
45.80	3.31	3.08	0.00	51.50	3.31	3.08	0.00
45.90	3.31	3.08	0.00	51.60	3.31	3.08	0.00
46.00	3.31	3.08	0.00	51.70	3.31	3.08	0.00
46.10	3.31	3.08	0.00	51.80	3.31	3.08	0.00
46.20	3.31	3.08	0.00	51.90	3.31	3.08	0.00
46.30	3.31	3.08	0.00	52.00	3.31	3.08	0.00
46.40	3.31	3.08	0.00	52.10	3.31	3.08	0.00
46.50	3.31	3.08	0.00	52.20	3.31	3.08	0.00
46.60	3.31	3.08	0.00	52.30	3.31	3.08	0.00
46.70	3.31	3.08	0.00	52.40	3.31	3.08	0.00
46.80	3.31	3.08	0.00	52.50	3.31	3.08	0.00
46.90	3.31	3.08	0.00	52.60	3.31	3.08	0.00
47.00	3.31	3.08	0.00	52.70	3.31	3.08	0.00
47.10	3.31	3.08	0.00	52.80	3.31	3.08	0.00
47.20	3.31	3.08	0.00	52.90	3.31	3.08	0.00
47.30	3.31	3.08	0.00	53.00	3.31	3.08	0.00
47.40	3.31	3.08	0.00	53.10	3.31	3.08	0.00
47.50	3.31	3.08	0.00	53.20	3.31	3.08	0.00
47.60	3.31	3.08	0.00	53.30	3.31	3.08	0.00
47.70	3.31	3.08	0.00	53.40	3.31	3.08	0.00
47.80	3.31	3.08	0.00	53.50	3.31	3.08	0.00
47.90	3.31	3.08	0.00	53.60	3.31	3.08	0.00
48.00	3.31	3.08	0.00	53.70	3.31	3.08	0.00
48.10	3.31	3.08	0.00	53.80	3.31	3.08	0.00
48.20	3.31	3.08	0.00	53.90	3.31	3.08	0.00
48.30	3.31	3.08	0.00	54.00	3.31	3.08	0.00
48.40	3.31	3.08	0.00	54.10	3.31	3.08	0.00
48.50	3.31	3.08	0.00	54.20	3.31	3.08	0.00
48.60	3.31	3.08	0.00	54.30	3.31	3.08	0.00
48.70	3.31	3.08	0.00	54.40	3.31	3.08	0.00
48.80	3.31	3.08	0.00	54.50	3.31	3.08	0.00
48.90	3.31	3.08	0.00	54.60	3.31	3.08	0.00
49.00	3.31	3.08	0.00	54.70	3.31	3.08	0.00
49.10	3.31	3.08	0.00	54.80	3.31	3.08	0.00
49.20	3.31	3.08	0.00	54.90	3.31	3.08	0.00
49.30	3.31	3.08	0.00	55.00	3.31	3.08	0.00
49.40	3.31	3.08	0.00	55.10	3.31	3.08	0.00
49.50	3.31	3.08	0.00	55.20	3.31	3.08	0.00
49.60	3.31	3.08	0.00	55.30	3.31	3.08	0.00
49.70	3.31	3.08	0.00	55.40	3.31	3.08	0.00
49.80	3.31	3.08	0.00	55.50	3.31	3.08	0.00
49.90	3.31	3.08	0.00	55.60	3.31	3.08	0.00
50.00	3.31	3.08	0.00	55.70	3.31	3.08	0.00
50.10	3.31	3.08	0.00	55.80	3.31	3.08	0.00
50.20	3.31	3.08	0.00	55.90	3.31	3.08	0.00
50.30	3.31	3.08	0.00	56.00	3.31	3.08	0.00
50.40	3.31	3.08	0.00	56.10	3.31	3.08	0.00
50.50	3.31	3.08	0.00	56.20	3.31	3.08	0.00
50.60	3.31	3.08	0.00	56.30	3.31	3.08	0.00
50.70	3.31	3.08	0.00	56.40	3.31	3.08	0.00
50.80	3.31	3.08	0.00	56.50	3.31	3.08	0.00
50.90	3.31	3.08	0.00	56.60	3.31	3.08	0.00
51.00	3.31	3.08	0.00	56.70	3.31	3.08	0.00
51.10	3.31	3.08	0.00	56.80	3.31	3.08	0.00
51.20	3.31	3.08	0.00	56.90	3.31	3.08	0.00

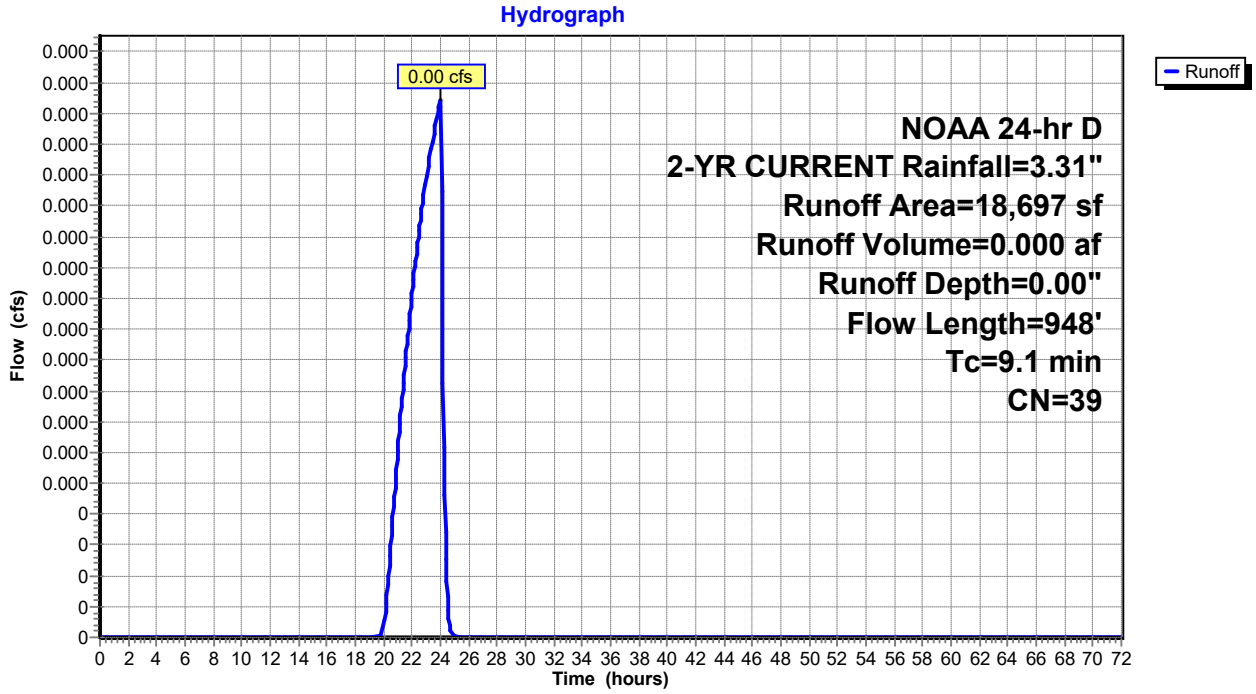
Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	3.31	3.08	0.00	62.70	3.31	3.08	0.00
57.10	3.31	3.08	0.00	62.80	3.31	3.08	0.00
57.20	3.31	3.08	0.00	62.90	3.31	3.08	0.00
57.30	3.31	3.08	0.00	63.00	3.31	3.08	0.00
57.40	3.31	3.08	0.00	63.10	3.31	3.08	0.00
57.50	3.31	3.08	0.00	63.20	3.31	3.08	0.00
57.60	3.31	3.08	0.00	63.30	3.31	3.08	0.00
57.70	3.31	3.08	0.00	63.40	3.31	3.08	0.00
57.80	3.31	3.08	0.00	63.50	3.31	3.08	0.00
57.90	3.31	3.08	0.00	63.60	3.31	3.08	0.00
58.00	3.31	3.08	0.00	63.70	3.31	3.08	0.00
58.10	3.31	3.08	0.00	63.80	3.31	3.08	0.00
58.20	3.31	3.08	0.00	63.90	3.31	3.08	0.00
58.30	3.31	3.08	0.00	64.00	3.31	3.08	0.00
58.40	3.31	3.08	0.00	64.10	3.31	3.08	0.00
58.50	3.31	3.08	0.00	64.20	3.31	3.08	0.00
58.60	3.31	3.08	0.00	64.30	3.31	3.08	0.00
58.70	3.31	3.08	0.00	64.40	3.31	3.08	0.00
58.80	3.31	3.08	0.00	64.50	3.31	3.08	0.00
58.90	3.31	3.08	0.00	64.60	3.31	3.08	0.00
59.00	3.31	3.08	0.00	64.70	3.31	3.08	0.00
59.10	3.31	3.08	0.00	64.80	3.31	3.08	0.00
59.20	3.31	3.08	0.00	64.90	3.31	3.08	0.00
59.30	3.31	3.08	0.00	65.00	3.31	3.08	0.00
59.40	3.31	3.08	0.00	65.10	3.31	3.08	0.00
59.50	3.31	3.08	0.00	65.20	3.31	3.08	0.00
59.60	3.31	3.08	0.00	65.30	3.31	3.08	0.00
59.70	3.31	3.08	0.00	65.40	3.31	3.08	0.00
59.80	3.31	3.08	0.00	65.50	3.31	3.08	0.00
59.90	3.31	3.08	0.00	65.60	3.31	3.08	0.00
60.00	3.31	3.08	0.00	65.70	3.31	3.08	0.00
60.10	3.31	3.08	0.00	65.80	3.31	3.08	0.00
60.20	3.31	3.08	0.00	65.90	3.31	3.08	0.00
60.30	3.31	3.08	0.00	66.00	3.31	3.08	0.00
60.40	3.31	3.08	0.00	66.10	3.31	3.08	0.00
60.50	3.31	3.08	0.00	66.20	3.31	3.08	0.00
60.60	3.31	3.08	0.00	66.30	3.31	3.08	0.00
60.70	3.31	3.08	0.00	66.40	3.31	3.08	0.00
60.80	3.31	3.08	0.00	66.50	3.31	3.08	0.00
60.90	3.31	3.08	0.00	66.60	3.31	3.08	0.00
61.00	3.31	3.08	0.00	66.70	3.31	3.08	0.00
61.10	3.31	3.08	0.00	66.80	3.31	3.08	0.00
61.20	3.31	3.08	0.00	66.90	3.31	3.08	0.00
61.30	3.31	3.08	0.00	67.00	3.31	3.08	0.00
61.40	3.31	3.08	0.00	67.10	3.31	3.08	0.00
61.50	3.31	3.08	0.00	67.20	3.31	3.08	0.00
61.60	3.31	3.08	0.00	67.30	3.31	3.08	0.00
61.70	3.31	3.08	0.00	67.40	3.31	3.08	0.00
61.80	3.31	3.08	0.00	67.50	3.31	3.08	0.00
61.90	3.31	3.08	0.00	67.60	3.31	3.08	0.00
62.00	3.31	3.08	0.00	67.70	3.31	3.08	0.00
62.10	3.31	3.08	0.00	67.80	3.31	3.08	0.00
62.20	3.31	3.08	0.00	67.90	3.31	3.08	0.00
62.30	3.31	3.08	0.00	68.00	3.31	3.08	0.00
62.40	3.31	3.08	0.00	68.10	3.31	3.08	0.00
62.50	3.31	3.08	0.00	68.20	3.31	3.08	0.00
62.60	3.31	3.08	0.00	68.30	3.31	3.08	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	3.31	3.08	0.00
68.50	3.31	3.08	0.00
68.60	3.31	3.08	0.00
68.70	3.31	3.08	0.00
68.80	3.31	3.08	0.00
68.90	3.31	3.08	0.00
69.00	3.31	3.08	0.00
69.10	3.31	3.08	0.00
69.20	3.31	3.08	0.00
69.30	3.31	3.08	0.00
69.40	3.31	3.08	0.00
69.50	3.31	3.08	0.00
69.60	3.31	3.08	0.00
69.70	3.31	3.08	0.00
69.80	3.31	3.08	0.00
69.90	3.31	3.08	0.00
70.00	3.31	3.08	0.00
70.10	3.31	3.08	0.00
70.20	3.31	3.08	0.00
70.30	3.31	3.08	0.00
70.40	3.31	3.08	0.00
70.50	3.31	3.08	0.00
70.60	3.31	3.08	0.00
70.70	3.31	3.08	0.00
70.80	3.31	3.08	0.00
70.90	3.31	3.08	0.00
71.00	3.31	3.08	0.00
71.10	3.31	3.08	0.00
71.20	3.31	3.08	0.00
71.30	3.31	3.08	0.00
71.40	3.31	3.08	0.00
71.50	3.31	3.08	0.00
71.60	3.31	3.08	0.00
71.70	3.31	3.08	0.00
71.80	3.31	3.08	0.00
71.90	3.31	3.08	0.00
72.00	3.31	3.08	0.00

Subcatchment 7S: PDA 2-Pervious



Hydrograph for Subcatchment 7S: PDA 2-Pervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.27	0.00	0.00
0.10	0.00	0.00	0.00	5.80	0.27	0.00	0.00
0.20	0.01	0.00	0.00	5.90	0.28	0.00	0.00
0.30	0.01	0.00	0.00	6.00	0.28	0.00	0.00
0.40	0.01	0.00	0.00	6.10	0.29	0.00	0.00
0.50	0.02	0.00	0.00	6.20	0.29	0.00	0.00
0.60	0.02	0.00	0.00	6.30	0.30	0.00	0.00
0.70	0.03	0.00	0.00	6.40	0.31	0.00	0.00
0.80	0.03	0.00	0.00	6.50	0.31	0.00	0.00
0.90	0.03	0.00	0.00	6.60	0.32	0.00	0.00
1.00	0.04	0.00	0.00	6.70	0.33	0.00	0.00
1.10	0.04	0.00	0.00	6.80	0.33	0.00	0.00
1.20	0.05	0.00	0.00	6.90	0.34	0.00	0.00
1.30	0.05	0.00	0.00	7.00	0.35	0.00	0.00
1.40	0.05	0.00	0.00	7.10	0.36	0.00	0.00
1.50	0.06	0.00	0.00	7.20	0.36	0.00	0.00
1.60	0.06	0.00	0.00	7.30	0.37	0.00	0.00
1.70	0.07	0.00	0.00	7.40	0.38	0.00	0.00
1.80	0.07	0.00	0.00	7.50	0.39	0.00	0.00
1.90	0.08	0.00	0.00	7.60	0.40	0.00	0.00
2.00	0.08	0.00	0.00	7.70	0.40	0.00	0.00
2.10	0.08	0.00	0.00	7.80	0.41	0.00	0.00
2.20	0.09	0.00	0.00	7.90	0.42	0.00	0.00
2.30	0.09	0.00	0.00	8.00	0.43	0.00	0.00
2.40	0.10	0.00	0.00	8.10	0.44	0.00	0.00
2.50	0.10	0.00	0.00	8.20	0.45	0.00	0.00
2.60	0.11	0.00	0.00	8.30	0.46	0.00	0.00
2.70	0.11	0.00	0.00	8.40	0.47	0.00	0.00
2.80	0.12	0.00	0.00	8.50	0.48	0.00	0.00
2.90	0.12	0.00	0.00	8.60	0.49	0.00	0.00
3.00	0.12	0.00	0.00	8.70	0.49	0.00	0.00
3.10	0.13	0.00	0.00	8.80	0.50	0.00	0.00
3.20	0.13	0.00	0.00	8.90	0.51	0.00	0.00
3.30	0.14	0.00	0.00	9.00	0.53	0.00	0.00
3.40	0.14	0.00	0.00	9.10	0.54	0.00	0.00
3.50	0.15	0.00	0.00	9.20	0.55	0.00	0.00
3.60	0.15	0.00	0.00	9.30	0.56	0.00	0.00
3.70	0.16	0.00	0.00	9.40	0.57	0.00	0.00
3.80	0.16	0.00	0.00	9.50	0.58	0.00	0.00
3.90	0.17	0.00	0.00	9.60	0.60	0.00	0.00
4.00	0.17	0.00	0.00	9.70	0.61	0.00	0.00
4.10	0.18	0.00	0.00	9.80	0.63	0.00	0.00
4.20	0.18	0.00	0.00	9.90	0.64	0.00	0.00
4.30	0.19	0.00	0.00	10.00	0.66	0.00	0.00
4.40	0.19	0.00	0.00	10.10	0.67	0.00	0.00
4.50	0.20	0.00	0.00	10.20	0.69	0.00	0.00
4.60	0.20	0.00	0.00	10.30	0.71	0.00	0.00
4.70	0.21	0.00	0.00	10.40	0.72	0.00	0.00
4.80	0.22	0.00	0.00	10.50	0.74	0.00	0.00
4.90	0.22	0.00	0.00	10.60	0.76	0.00	0.00
5.00	0.23	0.00	0.00	10.70	0.78	0.00	0.00
5.10	0.23	0.00	0.00	10.80	0.81	0.00	0.00
5.20	0.24	0.00	0.00	10.90	0.83	0.00	0.00
5.30	0.24	0.00	0.00	11.00	0.86	0.00	0.00
5.40	0.25	0.00	0.00	11.10	0.89	0.00	0.00
5.50	0.25	0.00	0.00	11.20	0.93	0.00	0.00
5.60	0.26	0.00	0.00	11.30	0.96	0.00	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.00	0.00	0.00	17.10	2.97	0.00	0.00
11.50	1.05	0.00	0.00	17.20	2.98	0.00	0.00
11.60	1.11	0.00	0.00	17.30	2.98	0.00	0.00
11.70	1.17	0.00	0.00	17.40	2.99	0.00	0.00
11.80	1.26	0.00	0.00	17.50	3.00	0.00	0.00
11.90	1.38	0.00	0.00	17.60	3.00	0.00	0.00
12.00	1.59	0.00	0.00	17.70	3.01	0.00	0.00
12.10	1.93	0.00	0.00	17.80	3.02	0.00	0.00
12.20	2.05	0.00	0.00	17.90	3.02	0.00	0.00
12.30	2.14	0.00	0.00	18.00	3.03	0.00	0.00
12.40	2.20	0.00	0.00	18.10	3.03	0.00	0.00
12.50	2.26	0.00	0.00	18.20	3.04	0.00	0.00
12.60	2.31	0.00	0.00	18.30	3.04	0.00	0.00
12.70	2.35	0.00	0.00	18.40	3.05	0.00	0.00
12.80	2.38	0.00	0.00	18.50	3.06	0.00	0.00
12.90	2.42	0.00	0.00	18.60	3.06	0.00	0.00
13.00	2.45	0.00	0.00	18.70	3.07	0.00	0.00
13.10	2.48	0.00	0.00	18.80	3.07	0.00	0.00
13.20	2.50	0.00	0.00	18.90	3.08	0.00	0.00
13.30	2.53	0.00	0.00	19.00	3.08	0.00	0.00
13.40	2.55	0.00	0.00	19.10	3.09	0.00	0.00
13.50	2.57	0.00	0.00	19.20	3.09	0.00	0.00
13.60	2.59	0.00	0.00	19.30	3.10	0.00	0.00
13.70	2.60	0.00	0.00	19.40	3.11	0.00	0.00
13.80	2.62	0.00	0.00	19.50	3.11	0.00	0.00
13.90	2.64	0.00	0.00	19.60	3.12	0.00	0.00
14.00	2.65	0.00	0.00	19.70	3.12	0.00	0.00
14.10	2.67	0.00	0.00	19.80	3.13	0.00	0.00
14.20	2.68	0.00	0.00	19.90	3.13	0.00	0.00
14.30	2.70	0.00	0.00	20.00	3.14	0.00	0.00
14.40	2.71	0.00	0.00	20.10	3.14	0.00	0.00
14.50	2.73	0.00	0.00	20.20	3.15	0.00	0.00
14.60	2.74	0.00	0.00	20.30	3.15	0.00	0.00
14.70	2.75	0.00	0.00	20.40	3.16	0.00	0.00
14.80	2.76	0.00	0.00	20.50	3.16	0.00	0.00
14.90	2.77	0.00	0.00	20.60	3.17	0.00	0.00
15.00	2.78	0.00	0.00	20.70	3.17	0.00	0.00
15.10	2.80	0.00	0.00	20.80	3.18	0.00	0.00
15.20	2.81	0.00	0.00	20.90	3.18	0.00	0.00
15.30	2.82	0.00	0.00	21.00	3.19	0.00	0.00
15.40	2.82	0.00	0.00	21.10	3.19	0.00	0.00
15.50	2.83	0.00	0.00	21.20	3.19	0.00	0.00
15.60	2.84	0.00	0.00	21.30	3.20	0.00	0.00
15.70	2.85	0.00	0.00	21.40	3.20	0.00	0.00
15.80	2.86	0.00	0.00	21.50	3.21	0.00	0.00
15.90	2.87	0.00	0.00	21.60	3.21	0.00	0.00
16.00	2.88	0.00	0.00	21.70	3.22	0.00	0.00
16.10	2.89	0.00	0.00	21.80	3.22	0.00	0.00
16.20	2.90	0.00	0.00	21.90	3.23	0.00	0.00
16.30	2.91	0.00	0.00	22.00	3.23	0.00	0.00
16.40	2.91	0.00	0.00	22.10	3.23	0.00	0.00
16.50	2.92	0.00	0.00	22.20	3.24	0.00	0.00
16.60	2.93	0.00	0.00	22.30	3.24	0.00	0.00
16.70	2.94	0.00	0.00	22.40	3.25	0.00	0.00
16.80	2.95	0.00	0.00	22.50	3.25	0.00	0.00
16.90	2.95	0.00	0.00	22.60	3.26	0.00	0.00
17.00	2.96	0.00	0.00	22.70	3.26	0.00	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	3.26	0.00	0.00	28.50	3.31	0.00	0.00
22.90	3.27	0.00	0.00	28.60	3.31	0.00	0.00
23.00	3.27	0.00	0.00	28.70	3.31	0.00	0.00
23.10	3.28	0.00	0.00	28.80	3.31	0.00	0.00
23.20	3.28	0.00	0.00	28.90	3.31	0.00	0.00
23.30	3.28	0.00	0.00	29.00	3.31	0.00	0.00
23.40	3.29	0.00	0.00	29.10	3.31	0.00	0.00
23.50	3.29	0.00	0.00	29.20	3.31	0.00	0.00
23.60	3.30	0.00	0.00	29.30	3.31	0.00	0.00
23.70	3.30	0.00	0.00	29.40	3.31	0.00	0.00
23.80	3.30	0.00	0.00	29.50	3.31	0.00	0.00
23.90	3.31	0.00	0.00	29.60	3.31	0.00	0.00
24.00	**3.31**	**0.00**	**0.00**	29.70	3.31	0.00	0.00
24.10	3.31	0.00	0.00	29.80	3.31	0.00	0.00
24.20	3.31	0.00	0.00	29.90	3.31	0.00	0.00
24.30	3.31	0.00	0.00	30.00	3.31	0.00	0.00
24.40	3.31	0.00	0.00	30.10	3.31	0.00	0.00
24.50	3.31	0.00	0.00	30.20	3.31	0.00	0.00
24.60	3.31	0.00	0.00	30.30	3.31	0.00	0.00
24.70	3.31	0.00	0.00	30.40	3.31	0.00	0.00
24.80	3.31	0.00	0.00	30.50	3.31	0.00	0.00
24.90	3.31	0.00	0.00	30.60	3.31	0.00	0.00
25.00	3.31	0.00	0.00	30.70	3.31	0.00	0.00
25.10	3.31	0.00	0.00	30.80	3.31	0.00	0.00
25.20	3.31	0.00	0.00	30.90	3.31	0.00	0.00
25.30	3.31	0.00	0.00	31.00	3.31	0.00	0.00
25.40	3.31	0.00	0.00	31.10	3.31	0.00	0.00
25.50	3.31	0.00	0.00	31.20	3.31	0.00	0.00
25.60	3.31	0.00	0.00	31.30	3.31	0.00	0.00
25.70	3.31	0.00	0.00	31.40	3.31	0.00	0.00
25.80	3.31	0.00	0.00	31.50	3.31	0.00	0.00
25.90	3.31	0.00	0.00	31.60	3.31	0.00	0.00
26.00	3.31	0.00	0.00	31.70	3.31	0.00	0.00
26.10	3.31	0.00	0.00	31.80	3.31	0.00	0.00
26.20	3.31	0.00	0.00	31.90	3.31	0.00	0.00
26.30	3.31	0.00	0.00	32.00	3.31	0.00	0.00
26.40	3.31	0.00	0.00	32.10	3.31	0.00	0.00
26.50	3.31	0.00	0.00	32.20	3.31	0.00	0.00
26.60	3.31	0.00	0.00	32.30	3.31	0.00	0.00
26.70	3.31	0.00	0.00	32.40	3.31	0.00	0.00
26.80	3.31	0.00	0.00	32.50	3.31	0.00	0.00
26.90	3.31	0.00	0.00	32.60	3.31	0.00	0.00
27.00	3.31	0.00	0.00	32.70	3.31	0.00	0.00
27.10	3.31	0.00	0.00	32.80	3.31	0.00	0.00
27.20	3.31	0.00	0.00	32.90	3.31	0.00	0.00
27.30	3.31	0.00	0.00	33.00	3.31	0.00	0.00
27.40	3.31	0.00	0.00	33.10	3.31	0.00	0.00
27.50	3.31	0.00	0.00	33.20	3.31	0.00	0.00
27.60	3.31	0.00	0.00	33.30	3.31	0.00	0.00
27.70	3.31	0.00	0.00	33.40	3.31	0.00	0.00
27.80	3.31	0.00	0.00	33.50	3.31	0.00	0.00
27.90	3.31	0.00	0.00	33.60	3.31	0.00	0.00
28.00	3.31	0.00	0.00	33.70	3.31	0.00	0.00
28.10	3.31	0.00	0.00	33.80	3.31	0.00	0.00
28.20	3.31	0.00	0.00	33.90	3.31	0.00	0.00
28.30	3.31	0.00	0.00	34.00	3.31	0.00	0.00
28.40	3.31	0.00	0.00	34.10	3.31	0.00	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	3.31	0.00	0.00	39.90	3.31	0.00	0.00
34.30	3.31	0.00	0.00	40.00	3.31	0.00	0.00
34.40	3.31	0.00	0.00	40.10	3.31	0.00	0.00
34.50	3.31	0.00	0.00	40.20	3.31	0.00	0.00
34.60	3.31	0.00	0.00	40.30	3.31	0.00	0.00
34.70	3.31	0.00	0.00	40.40	3.31	0.00	0.00
34.80	3.31	0.00	0.00	40.50	3.31	0.00	0.00
34.90	3.31	0.00	0.00	40.60	3.31	0.00	0.00
35.00	3.31	0.00	0.00	40.70	3.31	0.00	0.00
35.10	3.31	0.00	0.00	40.80	3.31	0.00	0.00
35.20	3.31	0.00	0.00	40.90	3.31	0.00	0.00
35.30	3.31	0.00	0.00	41.00	3.31	0.00	0.00
35.40	3.31	0.00	0.00	41.10	3.31	0.00	0.00
35.50	3.31	0.00	0.00	41.20	3.31	0.00	0.00
35.60	3.31	0.00	0.00	41.30	3.31	0.00	0.00
35.70	3.31	0.00	0.00	41.40	3.31	0.00	0.00
35.80	3.31	0.00	0.00	41.50	3.31	0.00	0.00
35.90	3.31	0.00	0.00	41.60	3.31	0.00	0.00
36.00	3.31	0.00	0.00	41.70	3.31	0.00	0.00
36.10	3.31	0.00	0.00	41.80	3.31	0.00	0.00
36.20	3.31	0.00	0.00	41.90	3.31	0.00	0.00
36.30	3.31	0.00	0.00	42.00	3.31	0.00	0.00
36.40	3.31	0.00	0.00	42.10	3.31	0.00	0.00
36.50	3.31	0.00	0.00	42.20	3.31	0.00	0.00
36.60	3.31	0.00	0.00	42.30	3.31	0.00	0.00
36.70	3.31	0.00	0.00	42.40	3.31	0.00	0.00
36.80	3.31	0.00	0.00	42.50	3.31	0.00	0.00
36.90	3.31	0.00	0.00	42.60	3.31	0.00	0.00
37.00	3.31	0.00	0.00	42.70	3.31	0.00	0.00
37.10	3.31	0.00	0.00	42.80	3.31	0.00	0.00
37.20	3.31	0.00	0.00	42.90	3.31	0.00	0.00
37.30	3.31	0.00	0.00	43.00	3.31	0.00	0.00
37.40	3.31	0.00	0.00	43.10	3.31	0.00	0.00
37.50	3.31	0.00	0.00	43.20	3.31	0.00	0.00
37.60	3.31	0.00	0.00	43.30	3.31	0.00	0.00
37.70	3.31	0.00	0.00	43.40	3.31	0.00	0.00
37.80	3.31	0.00	0.00	43.50	3.31	0.00	0.00
37.90	3.31	0.00	0.00	43.60	3.31	0.00	0.00
38.00	3.31	0.00	0.00	43.70	3.31	0.00	0.00
38.10	3.31	0.00	0.00	43.80	3.31	0.00	0.00
38.20	3.31	0.00	0.00	43.90	3.31	0.00	0.00
38.30	3.31	0.00	0.00	44.00	3.31	0.00	0.00
38.40	3.31	0.00	0.00	44.10	3.31	0.00	0.00
38.50	3.31	0.00	0.00	44.20	3.31	0.00	0.00
38.60	3.31	0.00	0.00	44.30	3.31	0.00	0.00
38.70	3.31	0.00	0.00	44.40	3.31	0.00	0.00
38.80	3.31	0.00	0.00	44.50	3.31	0.00	0.00
38.90	3.31	0.00	0.00	44.60	3.31	0.00	0.00
39.00	3.31	0.00	0.00	44.70	3.31	0.00	0.00
39.10	3.31	0.00	0.00	44.80	3.31	0.00	0.00
39.20	3.31	0.00	0.00	44.90	3.31	0.00	0.00
39.30	3.31	0.00	0.00	45.00	3.31	0.00	0.00
39.40	3.31	0.00	0.00	45.10	3.31	0.00	0.00
39.50	3.31	0.00	0.00	45.20	3.31	0.00	0.00
39.60	3.31	0.00	0.00	45.30	3.31	0.00	0.00
39.70	3.31	0.00	0.00	45.40	3.31	0.00	0.00
39.80	3.31	0.00	0.00	45.50	3.31	0.00	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	3.31	0.00	0.00	51.30	3.31	0.00	0.00
45.70	3.31	0.00	0.00	51.40	3.31	0.00	0.00
45.80	3.31	0.00	0.00	51.50	3.31	0.00	0.00
45.90	3.31	0.00	0.00	51.60	3.31	0.00	0.00
46.00	3.31	0.00	0.00	51.70	3.31	0.00	0.00
46.10	3.31	0.00	0.00	51.80	3.31	0.00	0.00
46.20	3.31	0.00	0.00	51.90	3.31	0.00	0.00
46.30	3.31	0.00	0.00	52.00	3.31	0.00	0.00
46.40	3.31	0.00	0.00	52.10	3.31	0.00	0.00
46.50	3.31	0.00	0.00	52.20	3.31	0.00	0.00
46.60	3.31	0.00	0.00	52.30	3.31	0.00	0.00
46.70	3.31	0.00	0.00	52.40	3.31	0.00	0.00
46.80	3.31	0.00	0.00	52.50	3.31	0.00	0.00
46.90	3.31	0.00	0.00	52.60	3.31	0.00	0.00
47.00	3.31	0.00	0.00	52.70	3.31	0.00	0.00
47.10	3.31	0.00	0.00	52.80	3.31	0.00	0.00
47.20	3.31	0.00	0.00	52.90	3.31	0.00	0.00
47.30	3.31	0.00	0.00	53.00	3.31	0.00	0.00
47.40	3.31	0.00	0.00	53.10	3.31	0.00	0.00
47.50	3.31	0.00	0.00	53.20	3.31	0.00	0.00
47.60	3.31	0.00	0.00	53.30	3.31	0.00	0.00
47.70	3.31	0.00	0.00	53.40	3.31	0.00	0.00
47.80	3.31	0.00	0.00	53.50	3.31	0.00	0.00
47.90	3.31	0.00	0.00	53.60	3.31	0.00	0.00
48.00	3.31	0.00	0.00	53.70	3.31	0.00	0.00
48.10	3.31	0.00	0.00	53.80	3.31	0.00	0.00
48.20	3.31	0.00	0.00	53.90	3.31	0.00	0.00
48.30	3.31	0.00	0.00	54.00	3.31	0.00	0.00
48.40	3.31	0.00	0.00	54.10	3.31	0.00	0.00
48.50	3.31	0.00	0.00	54.20	3.31	0.00	0.00
48.60	3.31	0.00	0.00	54.30	3.31	0.00	0.00
48.70	3.31	0.00	0.00	54.40	3.31	0.00	0.00
48.80	3.31	0.00	0.00	54.50	3.31	0.00	0.00
48.90	3.31	0.00	0.00	54.60	3.31	0.00	0.00
49.00	3.31	0.00	0.00	54.70	3.31	0.00	0.00
49.10	3.31	0.00	0.00	54.80	3.31	0.00	0.00
49.20	3.31	0.00	0.00	54.90	3.31	0.00	0.00
49.30	3.31	0.00	0.00	55.00	3.31	0.00	0.00
49.40	3.31	0.00	0.00	55.10	3.31	0.00	0.00
49.50	3.31	0.00	0.00	55.20	3.31	0.00	0.00
49.60	3.31	0.00	0.00	55.30	3.31	0.00	0.00
49.70	3.31	0.00	0.00	55.40	3.31	0.00	0.00
49.80	3.31	0.00	0.00	55.50	3.31	0.00	0.00
49.90	3.31	0.00	0.00	55.60	3.31	0.00	0.00
50.00	3.31	0.00	0.00	55.70	3.31	0.00	0.00
50.10	3.31	0.00	0.00	55.80	3.31	0.00	0.00
50.20	3.31	0.00	0.00	55.90	3.31	0.00	0.00
50.30	3.31	0.00	0.00	56.00	3.31	0.00	0.00
50.40	3.31	0.00	0.00	56.10	3.31	0.00	0.00
50.50	3.31	0.00	0.00	56.20	3.31	0.00	0.00
50.60	3.31	0.00	0.00	56.30	3.31	0.00	0.00
50.70	3.31	0.00	0.00	56.40	3.31	0.00	0.00
50.80	3.31	0.00	0.00	56.50	3.31	0.00	0.00
50.90	3.31	0.00	0.00	56.60	3.31	0.00	0.00
51.00	3.31	0.00	0.00	56.70	3.31	0.00	0.00
51.10	3.31	0.00	0.00	56.80	3.31	0.00	0.00
51.20	3.31	0.00	0.00	56.90	3.31	0.00	0.00

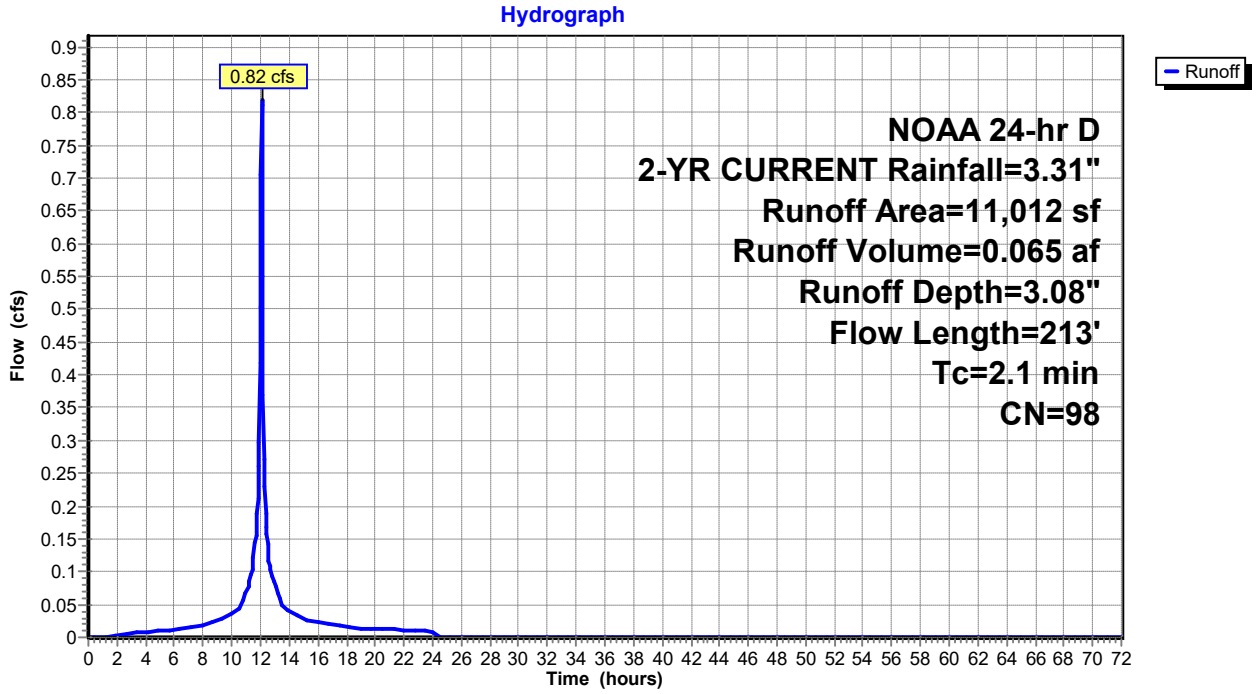
Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	3.31	0.00	0.00	62.70	3.31	0.00	0.00
57.10	3.31	0.00	0.00	62.80	3.31	0.00	0.00
57.20	3.31	0.00	0.00	62.90	3.31	0.00	0.00
57.30	3.31	0.00	0.00	63.00	3.31	0.00	0.00
57.40	3.31	0.00	0.00	63.10	3.31	0.00	0.00
57.50	3.31	0.00	0.00	63.20	3.31	0.00	0.00
57.60	3.31	0.00	0.00	63.30	3.31	0.00	0.00
57.70	3.31	0.00	0.00	63.40	3.31	0.00	0.00
57.80	3.31	0.00	0.00	63.50	3.31	0.00	0.00
57.90	3.31	0.00	0.00	63.60	3.31	0.00	0.00
58.00	3.31	0.00	0.00	63.70	3.31	0.00	0.00
58.10	3.31	0.00	0.00	63.80	3.31	0.00	0.00
58.20	3.31	0.00	0.00	63.90	3.31	0.00	0.00
58.30	3.31	0.00	0.00	64.00	3.31	0.00	0.00
58.40	3.31	0.00	0.00	64.10	3.31	0.00	0.00
58.50	3.31	0.00	0.00	64.20	3.31	0.00	0.00
58.60	3.31	0.00	0.00	64.30	3.31	0.00	0.00
58.70	3.31	0.00	0.00	64.40	3.31	0.00	0.00
58.80	3.31	0.00	0.00	64.50	3.31	0.00	0.00
58.90	3.31	0.00	0.00	64.60	3.31	0.00	0.00
59.00	3.31	0.00	0.00	64.70	3.31	0.00	0.00
59.10	3.31	0.00	0.00	64.80	3.31	0.00	0.00
59.20	3.31	0.00	0.00	64.90	3.31	0.00	0.00
59.30	3.31	0.00	0.00	65.00	3.31	0.00	0.00
59.40	3.31	0.00	0.00	65.10	3.31	0.00	0.00
59.50	3.31	0.00	0.00	65.20	3.31	0.00	0.00
59.60	3.31	0.00	0.00	65.30	3.31	0.00	0.00
59.70	3.31	0.00	0.00	65.40	3.31	0.00	0.00
59.80	3.31	0.00	0.00	65.50	3.31	0.00	0.00
59.90	3.31	0.00	0.00	65.60	3.31	0.00	0.00
60.00	3.31	0.00	0.00	65.70	3.31	0.00	0.00
60.10	3.31	0.00	0.00	65.80	3.31	0.00	0.00
60.20	3.31	0.00	0.00	65.90	3.31	0.00	0.00
60.30	3.31	0.00	0.00	66.00	3.31	0.00	0.00
60.40	3.31	0.00	0.00	66.10	3.31	0.00	0.00
60.50	3.31	0.00	0.00	66.20	3.31	0.00	0.00
60.60	3.31	0.00	0.00	66.30	3.31	0.00	0.00
60.70	3.31	0.00	0.00	66.40	3.31	0.00	0.00
60.80	3.31	0.00	0.00	66.50	3.31	0.00	0.00
60.90	3.31	0.00	0.00	66.60	3.31	0.00	0.00
61.00	3.31	0.00	0.00	66.70	3.31	0.00	0.00
61.10	3.31	0.00	0.00	66.80	3.31	0.00	0.00
61.20	3.31	0.00	0.00	66.90	3.31	0.00	0.00
61.30	3.31	0.00	0.00	67.00	3.31	0.00	0.00
61.40	3.31	0.00	0.00	67.10	3.31	0.00	0.00
61.50	3.31	0.00	0.00	67.20	3.31	0.00	0.00
61.60	3.31	0.00	0.00	67.30	3.31	0.00	0.00
61.70	3.31	0.00	0.00	67.40	3.31	0.00	0.00
61.80	3.31	0.00	0.00	67.50	3.31	0.00	0.00
61.90	3.31	0.00	0.00	67.60	3.31	0.00	0.00
62.00	3.31	0.00	0.00	67.70	3.31	0.00	0.00
62.10	3.31	0.00	0.00	67.80	3.31	0.00	0.00
62.20	3.31	0.00	0.00	67.90	3.31	0.00	0.00
62.30	3.31	0.00	0.00	68.00	3.31	0.00	0.00
62.40	3.31	0.00	0.00	68.10	3.31	0.00	0.00
62.50	3.31	0.00	0.00	68.20	3.31	0.00	0.00
62.60	3.31	0.00	0.00	68.30	3.31	0.00	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	3.31	0.00	0.00
68.50	3.31	0.00	0.00
68.60	3.31	0.00	0.00
68.70	3.31	0.00	0.00
68.80	3.31	0.00	0.00
68.90	3.31	0.00	0.00
69.00	3.31	0.00	0.00
69.10	3.31	0.00	0.00
69.20	3.31	0.00	0.00
69.30	3.31	0.00	0.00
69.40	3.31	0.00	0.00
69.50	3.31	0.00	0.00
69.60	3.31	0.00	0.00
69.70	3.31	0.00	0.00
69.80	3.31	0.00	0.00
69.90	3.31	0.00	0.00
70.00	3.31	0.00	0.00
70.10	3.31	0.00	0.00
70.20	3.31	0.00	0.00
70.30	3.31	0.00	0.00
70.40	3.31	0.00	0.00
70.50	3.31	0.00	0.00
70.60	3.31	0.00	0.00
70.70	3.31	0.00	0.00
70.80	3.31	0.00	0.00
70.90	3.31	0.00	0.00
71.00	3.31	0.00	0.00
71.10	3.31	0.00	0.00
71.20	3.31	0.00	0.00
71.30	3.31	0.00	0.00
71.40	3.31	0.00	0.00
71.50	3.31	0.00	0.00
71.60	3.31	0.00	0.00
71.70	3.31	0.00	0.00
71.80	3.31	0.00	0.00
71.90	3.31	0.00	0.00
72.00	3.31	0.00	0.00

Subcatchment 9S: PDA 2-Impervious



Hydrograph for Subcatchment 9S: PDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.27	0.12	0.01
0.10	0.00	0.00	0.00	5.80	0.27	0.12	0.01
0.20	0.01	0.00	0.00	5.90	0.28	0.13	0.01
0.30	0.01	0.00	0.00	6.00	0.28	0.13	0.01
0.40	0.01	0.00	0.00	6.10	0.29	0.14	0.01
0.50	0.02	0.00	0.00	6.20	0.29	0.14	0.01
0.60	0.02	0.00	0.00	6.30	0.30	0.15	0.01
0.70	0.03	0.00	0.00	6.40	0.31	0.15	0.01
0.80	0.03	0.00	0.00	6.50	0.31	0.16	0.01
0.90	0.03	0.00	0.00	6.60	0.32	0.16	0.01
1.00	0.04	0.00	0.00	6.70	0.33	0.17	0.01
1.10	0.04	0.00	0.00	6.80	0.33	0.17	0.01
1.20	0.05	0.00	0.00	6.90	0.34	0.18	0.02
1.30	0.05	0.00	0.00	7.00	0.35	0.19	0.02
1.40	0.05	0.00	0.00	7.10	0.36	0.19	0.02
1.50	0.06	0.00	0.00	7.20	0.36	0.20	0.02
1.60	0.06	0.00	0.00	7.30	0.37	0.20	0.02
1.70	0.07	0.00	0.00	7.40	0.38	0.21	0.02
1.80	0.07	0.00	0.00	7.50	0.39	0.22	0.02
1.90	0.08	0.00	0.00	7.60	0.40	0.23	0.02
2.00	0.08	0.01	0.00	7.70	0.40	0.23	0.02
2.10	0.08	0.01	0.00	7.80	0.41	0.24	0.02
2.20	0.09	0.01	0.00	7.90	0.42	0.25	0.02
2.30	0.09	0.01	0.00	8.00	0.43	0.25	0.02
2.40	0.10	0.01	0.00	8.10	0.44	0.26	0.02
2.50	0.10	0.01	0.00	8.20	0.45	0.27	0.02
2.60	0.11	0.02	0.00	8.30	0.46	0.28	0.02
2.70	0.11	0.02	0.01	8.40	0.47	0.29	0.02
2.80	0.12	0.02	0.01	8.50	0.48	0.30	0.02
2.90	0.12	0.02	0.01	8.60	0.49	0.30	0.02
3.00	0.12	0.02	0.01	8.70	0.49	0.31	0.02
3.10	0.13	0.03	0.01	8.80	0.50	0.32	0.02
3.20	0.13	0.03	0.01	8.90	0.51	0.33	0.02
3.30	0.14	0.03	0.01	9.00	0.53	0.34	0.02
3.40	0.14	0.03	0.01	9.10	0.54	0.35	0.02
3.50	0.15	0.04	0.01	9.20	0.55	0.36	0.03
3.60	0.15	0.04	0.01	9.30	0.56	0.37	0.03
3.70	0.16	0.04	0.01	9.40	0.57	0.38	0.03
3.80	0.16	0.05	0.01	9.50	0.58	0.39	0.03
3.90	0.17	0.05	0.01	9.60	0.60	0.41	0.03
4.00	0.17	0.05	0.01	9.70	0.61	0.42	0.03
4.10	0.18	0.06	0.01	9.80	0.63	0.43	0.03
4.20	0.18	0.06	0.01	9.90	0.64	0.45	0.04
4.30	0.19	0.06	0.01	10.00	0.66	0.46	0.04
4.40	0.19	0.07	0.01	10.10	0.67	0.48	0.04
4.50	0.20	0.07	0.01	10.20	0.69	0.49	0.04
4.60	0.20	0.07	0.01	10.30	0.71	0.51	0.04
4.70	0.21	0.08	0.01	10.40	0.72	0.53	0.04
4.80	0.22	0.08	0.01	10.50	0.74	0.54	0.04
4.90	0.22	0.08	0.01	10.60	0.76	0.56	0.05
5.00	0.23	0.09	0.01	10.70	0.78	0.58	0.05
5.10	0.23	0.09	0.01	10.80	0.81	0.61	0.06
5.20	0.24	0.10	0.01	10.90	0.83	0.63	0.06
5.30	0.24	0.10	0.01	11.00	0.86	0.66	0.07
5.40	0.25	0.10	0.01	11.10	0.89	0.69	0.08
5.50	0.25	0.11	0.01	11.20	0.93	0.72	0.08
5.60	0.26	0.11	0.01	11.30	0.96	0.76	0.09

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.00	0.80	0.10	17.10	2.97	2.74	0.02
11.50	1.05	0.84	0.11	17.20	2.98	2.74	0.02
11.60	1.11	0.90	0.14	17.30	2.98	2.75	0.02
11.70	1.17	0.96	0.16	17.40	2.99	2.76	0.02
11.80	1.26	1.04	0.21	17.50	3.00	2.76	0.02
11.90	1.38	1.16	0.30	17.60	3.00	2.77	0.02
12.00	1.59	1.36	0.50	17.70	3.01	2.78	0.02
12.10	1.93	1.71	**0.81**	17.80	3.02	2.78	0.02
12.20	2.05	1.83	0.37	17.90	3.02	2.79	0.02
12.30	2.14	1.91	0.23	18.00	3.03	2.80	0.02
12.40	2.20	1.97	0.17	18.10	3.03	2.80	0.01
12.50	2.26	2.03	0.15	18.20	3.04	2.81	0.01
12.60	2.31	2.08	0.12	18.30	3.04	2.81	0.01
12.70	2.35	2.12	0.11	18.40	3.05	2.82	0.01
12.80	2.38	2.16	0.10	18.50	3.06	2.82	0.01
12.90	2.42	2.19	0.09	18.60	3.06	2.83	0.01
13.00	2.45	2.22	0.08	18.70	3.07	2.84	0.01
13.10	2.48	2.25	0.07	18.80	3.07	2.84	0.01
13.20	2.50	2.27	0.07	18.90	3.08	2.85	0.01
13.30	2.53	2.30	0.06	19.00	3.08	2.85	0.01
13.40	2.55	2.32	0.06	19.10	3.09	2.86	0.01
13.50	2.57	2.34	0.05	19.20	3.09	2.86	0.01
13.60	2.59	2.36	0.05	19.30	3.10	2.87	0.01
13.70	2.60	2.37	0.04	19.40	3.11	2.87	0.01
13.80	2.62	2.39	0.04	19.50	3.11	2.88	0.01
13.90	2.64	2.41	0.04	19.60	3.12	2.88	0.01
14.00	2.65	2.42	0.04	19.70	3.12	2.89	0.01
14.10	2.67	2.44	0.04	19.80	3.13	2.89	0.01
14.20	2.68	2.45	0.04	19.90	3.13	2.90	0.01
14.30	2.70	2.47	0.04	20.00	3.14	2.90	0.01
14.40	2.71	2.48	0.04	20.10	3.14	2.91	0.01
14.50	2.73	2.50	0.03	20.20	3.15	2.91	0.01
14.60	2.74	2.51	0.03	20.30	3.15	2.92	0.01
14.70	2.75	2.52	0.03	20.40	3.16	2.92	0.01
14.80	2.76	2.53	0.03	20.50	3.16	2.93	0.01
14.90	2.77	2.54	0.03	20.60	3.17	2.93	0.01
15.00	2.78	2.55	0.03	20.70	3.17	2.94	0.01
15.10	2.80	2.56	0.03	20.80	3.18	2.94	0.01
15.20	2.81	2.57	0.03	20.90	3.18	2.95	0.01
15.30	2.82	2.58	0.03	21.00	3.19	2.95	0.01
15.40	2.82	2.59	0.02	21.10	3.19	2.96	0.01
15.50	2.83	2.60	0.02	21.20	3.19	2.96	0.01
15.60	2.84	2.61	0.02	21.30	3.20	2.97	0.01
15.70	2.85	2.62	0.02	21.40	3.20	2.97	0.01
15.80	2.86	2.63	0.02	21.50	3.21	2.98	0.01
15.90	2.87	2.64	0.02	21.60	3.21	2.98	0.01
16.00	2.88	2.65	0.02	21.70	3.22	2.98	0.01
16.10	2.89	2.66	0.02	21.80	3.22	2.99	0.01
16.20	2.90	2.67	0.02	21.90	3.23	2.99	0.01
16.30	2.91	2.67	0.02	22.00	3.23	3.00	0.01
16.40	2.91	2.68	0.02	22.10	3.23	3.00	0.01
16.50	2.92	2.69	0.02	22.20	3.24	3.01	0.01
16.60	2.93	2.70	0.02	22.30	3.24	3.01	0.01
16.70	2.94	2.71	0.02	22.40	3.25	3.01	0.01
16.80	2.95	2.71	0.02	22.50	3.25	3.02	0.01
16.90	2.95	2.72	0.02	22.60	3.26	3.02	0.01
17.00	2.96	2.73	0.02	22.70	3.26	3.03	0.01

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	3.26	3.03	0.01	28.50	3.31	3.08	0.00
22.90	3.27	3.04	0.01	28.60	3.31	3.08	0.00
23.00	3.27	3.04	0.01	28.70	3.31	3.08	0.00
23.10	3.28	3.04	0.01	28.80	3.31	3.08	0.00
23.20	3.28	3.05	0.01	28.90	3.31	3.08	0.00
23.30	3.28	3.05	0.01	29.00	3.31	3.08	0.00
23.40	3.29	3.05	0.01	29.10	3.31	3.08	0.00
23.50	3.29	3.06	0.01	29.20	3.31	3.08	0.00
23.60	3.30	3.06	0.01	29.30	3.31	3.08	0.00
23.70	3.30	3.07	0.01	29.40	3.31	3.08	0.00
23.80	3.30	3.07	0.01	29.50	3.31	3.08	0.00
23.90	3.31	3.07	0.01	29.60	3.31	3.08	0.00
24.00	**3.31**	**3.08**	0.01	29.70	3.31	3.08	0.00
24.10	3.31	3.08	0.00	29.80	3.31	3.08	0.00
24.20	3.31	3.08	0.00	29.90	3.31	3.08	0.00
24.30	3.31	3.08	0.00	30.00	3.31	3.08	0.00
24.40	3.31	3.08	0.00	30.10	3.31	3.08	0.00
24.50	3.31	3.08	0.00	30.20	3.31	3.08	0.00
24.60	3.31	3.08	0.00	30.30	3.31	3.08	0.00
24.70	3.31	3.08	0.00	30.40	3.31	3.08	0.00
24.80	3.31	3.08	0.00	30.50	3.31	3.08	0.00
24.90	3.31	3.08	0.00	30.60	3.31	3.08	0.00
25.00	3.31	3.08	0.00	30.70	3.31	3.08	0.00
25.10	3.31	3.08	0.00	30.80	3.31	3.08	0.00
25.20	3.31	3.08	0.00	30.90	3.31	3.08	0.00
25.30	3.31	3.08	0.00	31.00	3.31	3.08	0.00
25.40	3.31	3.08	0.00	31.10	3.31	3.08	0.00
25.50	3.31	3.08	0.00	31.20	3.31	3.08	0.00
25.60	3.31	3.08	0.00	31.30	3.31	3.08	0.00
25.70	3.31	3.08	0.00	31.40	3.31	3.08	0.00
25.80	3.31	3.08	0.00	31.50	3.31	3.08	0.00
25.90	3.31	3.08	0.00	31.60	3.31	3.08	0.00
26.00	3.31	3.08	0.00	31.70	3.31	3.08	0.00
26.10	3.31	3.08	0.00	31.80	3.31	3.08	0.00
26.20	3.31	3.08	0.00	31.90	3.31	3.08	0.00
26.30	3.31	3.08	0.00	32.00	3.31	3.08	0.00
26.40	3.31	3.08	0.00	32.10	3.31	3.08	0.00
26.50	3.31	3.08	0.00	32.20	3.31	3.08	0.00
26.60	3.31	3.08	0.00	32.30	3.31	3.08	0.00
26.70	3.31	3.08	0.00	32.40	3.31	3.08	0.00
26.80	3.31	3.08	0.00	32.50	3.31	3.08	0.00
26.90	3.31	3.08	0.00	32.60	3.31	3.08	0.00
27.00	3.31	3.08	0.00	32.70	3.31	3.08	0.00
27.10	3.31	3.08	0.00	32.80	3.31	3.08	0.00
27.20	3.31	3.08	0.00	32.90	3.31	3.08	0.00
27.30	3.31	3.08	0.00	33.00	3.31	3.08	0.00
27.40	3.31	3.08	0.00	33.10	3.31	3.08	0.00
27.50	3.31	3.08	0.00	33.20	3.31	3.08	0.00
27.60	3.31	3.08	0.00	33.30	3.31	3.08	0.00
27.70	3.31	3.08	0.00	33.40	3.31	3.08	0.00
27.80	3.31	3.08	0.00	33.50	3.31	3.08	0.00
27.90	3.31	3.08	0.00	33.60	3.31	3.08	0.00
28.00	3.31	3.08	0.00	33.70	3.31	3.08	0.00
28.10	3.31	3.08	0.00	33.80	3.31	3.08	0.00
28.20	3.31	3.08	0.00	33.90	3.31	3.08	0.00
28.30	3.31	3.08	0.00	34.00	3.31	3.08	0.00
28.40	3.31	3.08	0.00	34.10	3.31	3.08	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	3.31	3.08	0.00	39.90	3.31	3.08	0.00
34.30	3.31	3.08	0.00	40.00	3.31	3.08	0.00
34.40	3.31	3.08	0.00	40.10	3.31	3.08	0.00
34.50	3.31	3.08	0.00	40.20	3.31	3.08	0.00
34.60	3.31	3.08	0.00	40.30	3.31	3.08	0.00
34.70	3.31	3.08	0.00	40.40	3.31	3.08	0.00
34.80	3.31	3.08	0.00	40.50	3.31	3.08	0.00
34.90	3.31	3.08	0.00	40.60	3.31	3.08	0.00
35.00	3.31	3.08	0.00	40.70	3.31	3.08	0.00
35.10	3.31	3.08	0.00	40.80	3.31	3.08	0.00
35.20	3.31	3.08	0.00	40.90	3.31	3.08	0.00
35.30	3.31	3.08	0.00	41.00	3.31	3.08	0.00
35.40	3.31	3.08	0.00	41.10	3.31	3.08	0.00
35.50	3.31	3.08	0.00	41.20	3.31	3.08	0.00
35.60	3.31	3.08	0.00	41.30	3.31	3.08	0.00
35.70	3.31	3.08	0.00	41.40	3.31	3.08	0.00
35.80	3.31	3.08	0.00	41.50	3.31	3.08	0.00
35.90	3.31	3.08	0.00	41.60	3.31	3.08	0.00
36.00	3.31	3.08	0.00	41.70	3.31	3.08	0.00
36.10	3.31	3.08	0.00	41.80	3.31	3.08	0.00
36.20	3.31	3.08	0.00	41.90	3.31	3.08	0.00
36.30	3.31	3.08	0.00	42.00	3.31	3.08	0.00
36.40	3.31	3.08	0.00	42.10	3.31	3.08	0.00
36.50	3.31	3.08	0.00	42.20	3.31	3.08	0.00
36.60	3.31	3.08	0.00	42.30	3.31	3.08	0.00
36.70	3.31	3.08	0.00	42.40	3.31	3.08	0.00
36.80	3.31	3.08	0.00	42.50	3.31	3.08	0.00
36.90	3.31	3.08	0.00	42.60	3.31	3.08	0.00
37.00	3.31	3.08	0.00	42.70	3.31	3.08	0.00
37.10	3.31	3.08	0.00	42.80	3.31	3.08	0.00
37.20	3.31	3.08	0.00	42.90	3.31	3.08	0.00
37.30	3.31	3.08	0.00	43.00	3.31	3.08	0.00
37.40	3.31	3.08	0.00	43.10	3.31	3.08	0.00
37.50	3.31	3.08	0.00	43.20	3.31	3.08	0.00
37.60	3.31	3.08	0.00	43.30	3.31	3.08	0.00
37.70	3.31	3.08	0.00	43.40	3.31	3.08	0.00
37.80	3.31	3.08	0.00	43.50	3.31	3.08	0.00
37.90	3.31	3.08	0.00	43.60	3.31	3.08	0.00
38.00	3.31	3.08	0.00	43.70	3.31	3.08	0.00
38.10	3.31	3.08	0.00	43.80	3.31	3.08	0.00
38.20	3.31	3.08	0.00	43.90	3.31	3.08	0.00
38.30	3.31	3.08	0.00	44.00	3.31	3.08	0.00
38.40	3.31	3.08	0.00	44.10	3.31	3.08	0.00
38.50	3.31	3.08	0.00	44.20	3.31	3.08	0.00
38.60	3.31	3.08	0.00	44.30	3.31	3.08	0.00
38.70	3.31	3.08	0.00	44.40	3.31	3.08	0.00
38.80	3.31	3.08	0.00	44.50	3.31	3.08	0.00
38.90	3.31	3.08	0.00	44.60	3.31	3.08	0.00
39.00	3.31	3.08	0.00	44.70	3.31	3.08	0.00
39.10	3.31	3.08	0.00	44.80	3.31	3.08	0.00
39.20	3.31	3.08	0.00	44.90	3.31	3.08	0.00
39.30	3.31	3.08	0.00	45.00	3.31	3.08	0.00
39.40	3.31	3.08	0.00	45.10	3.31	3.08	0.00
39.50	3.31	3.08	0.00	45.20	3.31	3.08	0.00
39.60	3.31	3.08	0.00	45.30	3.31	3.08	0.00
39.70	3.31	3.08	0.00	45.40	3.31	3.08	0.00
39.80	3.31	3.08	0.00	45.50	3.31	3.08	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	3.31	3.08	0.00	51.30	3.31	3.08	0.00
45.70	3.31	3.08	0.00	51.40	3.31	3.08	0.00
45.80	3.31	3.08	0.00	51.50	3.31	3.08	0.00
45.90	3.31	3.08	0.00	51.60	3.31	3.08	0.00
46.00	3.31	3.08	0.00	51.70	3.31	3.08	0.00
46.10	3.31	3.08	0.00	51.80	3.31	3.08	0.00
46.20	3.31	3.08	0.00	51.90	3.31	3.08	0.00
46.30	3.31	3.08	0.00	52.00	3.31	3.08	0.00
46.40	3.31	3.08	0.00	52.10	3.31	3.08	0.00
46.50	3.31	3.08	0.00	52.20	3.31	3.08	0.00
46.60	3.31	3.08	0.00	52.30	3.31	3.08	0.00
46.70	3.31	3.08	0.00	52.40	3.31	3.08	0.00
46.80	3.31	3.08	0.00	52.50	3.31	3.08	0.00
46.90	3.31	3.08	0.00	52.60	3.31	3.08	0.00
47.00	3.31	3.08	0.00	52.70	3.31	3.08	0.00
47.10	3.31	3.08	0.00	52.80	3.31	3.08	0.00
47.20	3.31	3.08	0.00	52.90	3.31	3.08	0.00
47.30	3.31	3.08	0.00	53.00	3.31	3.08	0.00
47.40	3.31	3.08	0.00	53.10	3.31	3.08	0.00
47.50	3.31	3.08	0.00	53.20	3.31	3.08	0.00
47.60	3.31	3.08	0.00	53.30	3.31	3.08	0.00
47.70	3.31	3.08	0.00	53.40	3.31	3.08	0.00
47.80	3.31	3.08	0.00	53.50	3.31	3.08	0.00
47.90	3.31	3.08	0.00	53.60	3.31	3.08	0.00
48.00	3.31	3.08	0.00	53.70	3.31	3.08	0.00
48.10	3.31	3.08	0.00	53.80	3.31	3.08	0.00
48.20	3.31	3.08	0.00	53.90	3.31	3.08	0.00
48.30	3.31	3.08	0.00	54.00	3.31	3.08	0.00
48.40	3.31	3.08	0.00	54.10	3.31	3.08	0.00
48.50	3.31	3.08	0.00	54.20	3.31	3.08	0.00
48.60	3.31	3.08	0.00	54.30	3.31	3.08	0.00
48.70	3.31	3.08	0.00	54.40	3.31	3.08	0.00
48.80	3.31	3.08	0.00	54.50	3.31	3.08	0.00
48.90	3.31	3.08	0.00	54.60	3.31	3.08	0.00
49.00	3.31	3.08	0.00	54.70	3.31	3.08	0.00
49.10	3.31	3.08	0.00	54.80	3.31	3.08	0.00
49.20	3.31	3.08	0.00	54.90	3.31	3.08	0.00
49.30	3.31	3.08	0.00	55.00	3.31	3.08	0.00
49.40	3.31	3.08	0.00	55.10	3.31	3.08	0.00
49.50	3.31	3.08	0.00	55.20	3.31	3.08	0.00
49.60	3.31	3.08	0.00	55.30	3.31	3.08	0.00
49.70	3.31	3.08	0.00	55.40	3.31	3.08	0.00
49.80	3.31	3.08	0.00	55.50	3.31	3.08	0.00
49.90	3.31	3.08	0.00	55.60	3.31	3.08	0.00
50.00	3.31	3.08	0.00	55.70	3.31	3.08	0.00
50.10	3.31	3.08	0.00	55.80	3.31	3.08	0.00
50.20	3.31	3.08	0.00	55.90	3.31	3.08	0.00
50.30	3.31	3.08	0.00	56.00	3.31	3.08	0.00
50.40	3.31	3.08	0.00	56.10	3.31	3.08	0.00
50.50	3.31	3.08	0.00	56.20	3.31	3.08	0.00
50.60	3.31	3.08	0.00	56.30	3.31	3.08	0.00
50.70	3.31	3.08	0.00	56.40	3.31	3.08	0.00
50.80	3.31	3.08	0.00	56.50	3.31	3.08	0.00
50.90	3.31	3.08	0.00	56.60	3.31	3.08	0.00
51.00	3.31	3.08	0.00	56.70	3.31	3.08	0.00
51.10	3.31	3.08	0.00	56.80	3.31	3.08	0.00
51.20	3.31	3.08	0.00	56.90	3.31	3.08	0.00

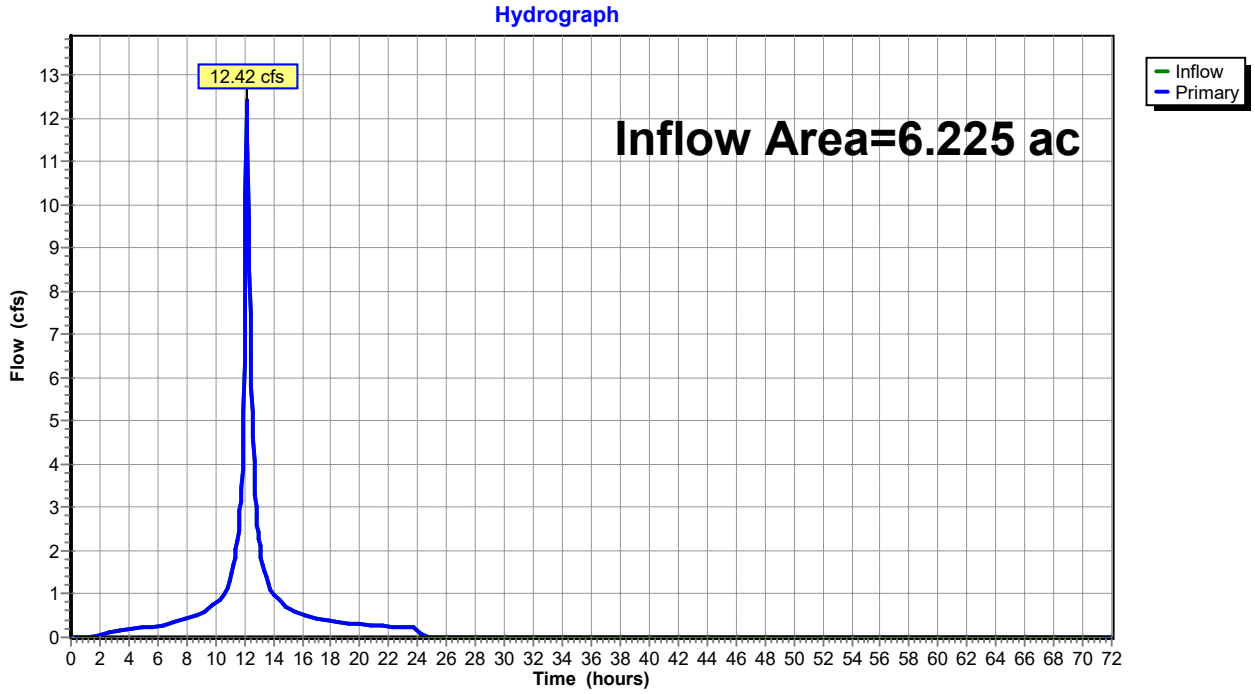
Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	3.31	3.08	0.00	62.70	3.31	3.08	0.00
57.10	3.31	3.08	0.00	62.80	3.31	3.08	0.00
57.20	3.31	3.08	0.00	62.90	3.31	3.08	0.00
57.30	3.31	3.08	0.00	63.00	3.31	3.08	0.00
57.40	3.31	3.08	0.00	63.10	3.31	3.08	0.00
57.50	3.31	3.08	0.00	63.20	3.31	3.08	0.00
57.60	3.31	3.08	0.00	63.30	3.31	3.08	0.00
57.70	3.31	3.08	0.00	63.40	3.31	3.08	0.00
57.80	3.31	3.08	0.00	63.50	3.31	3.08	0.00
57.90	3.31	3.08	0.00	63.60	3.31	3.08	0.00
58.00	3.31	3.08	0.00	63.70	3.31	3.08	0.00
58.10	3.31	3.08	0.00	63.80	3.31	3.08	0.00
58.20	3.31	3.08	0.00	63.90	3.31	3.08	0.00
58.30	3.31	3.08	0.00	64.00	3.31	3.08	0.00
58.40	3.31	3.08	0.00	64.10	3.31	3.08	0.00
58.50	3.31	3.08	0.00	64.20	3.31	3.08	0.00
58.60	3.31	3.08	0.00	64.30	3.31	3.08	0.00
58.70	3.31	3.08	0.00	64.40	3.31	3.08	0.00
58.80	3.31	3.08	0.00	64.50	3.31	3.08	0.00
58.90	3.31	3.08	0.00	64.60	3.31	3.08	0.00
59.00	3.31	3.08	0.00	64.70	3.31	3.08	0.00
59.10	3.31	3.08	0.00	64.80	3.31	3.08	0.00
59.20	3.31	3.08	0.00	64.90	3.31	3.08	0.00
59.30	3.31	3.08	0.00	65.00	3.31	3.08	0.00
59.40	3.31	3.08	0.00	65.10	3.31	3.08	0.00
59.50	3.31	3.08	0.00	65.20	3.31	3.08	0.00
59.60	3.31	3.08	0.00	65.30	3.31	3.08	0.00
59.70	3.31	3.08	0.00	65.40	3.31	3.08	0.00
59.80	3.31	3.08	0.00	65.50	3.31	3.08	0.00
59.90	3.31	3.08	0.00	65.60	3.31	3.08	0.00
60.00	3.31	3.08	0.00	65.70	3.31	3.08	0.00
60.10	3.31	3.08	0.00	65.80	3.31	3.08	0.00
60.20	3.31	3.08	0.00	65.90	3.31	3.08	0.00
60.30	3.31	3.08	0.00	66.00	3.31	3.08	0.00
60.40	3.31	3.08	0.00	66.10	3.31	3.08	0.00
60.50	3.31	3.08	0.00	66.20	3.31	3.08	0.00
60.60	3.31	3.08	0.00	66.30	3.31	3.08	0.00
60.70	3.31	3.08	0.00	66.40	3.31	3.08	0.00
60.80	3.31	3.08	0.00	66.50	3.31	3.08	0.00
60.90	3.31	3.08	0.00	66.60	3.31	3.08	0.00
61.00	3.31	3.08	0.00	66.70	3.31	3.08	0.00
61.10	3.31	3.08	0.00	66.80	3.31	3.08	0.00
61.20	3.31	3.08	0.00	66.90	3.31	3.08	0.00
61.30	3.31	3.08	0.00	67.00	3.31	3.08	0.00
61.40	3.31	3.08	0.00	67.10	3.31	3.08	0.00
61.50	3.31	3.08	0.00	67.20	3.31	3.08	0.00
61.60	3.31	3.08	0.00	67.30	3.31	3.08	0.00
61.70	3.31	3.08	0.00	67.40	3.31	3.08	0.00
61.80	3.31	3.08	0.00	67.50	3.31	3.08	0.00
61.90	3.31	3.08	0.00	67.60	3.31	3.08	0.00
62.00	3.31	3.08	0.00	67.70	3.31	3.08	0.00
62.10	3.31	3.08	0.00	67.80	3.31	3.08	0.00
62.20	3.31	3.08	0.00	67.90	3.31	3.08	0.00
62.30	3.31	3.08	0.00	68.00	3.31	3.08	0.00
62.40	3.31	3.08	0.00	68.10	3.31	3.08	0.00
62.50	3.31	3.08	0.00	68.20	3.31	3.08	0.00
62.60	3.31	3.08	0.00	68.30	3.31	3.08	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	3.31	3.08	0.00
68.50	3.31	3.08	0.00
68.60	3.31	3.08	0.00
68.70	3.31	3.08	0.00
68.80	3.31	3.08	0.00
68.90	3.31	3.08	0.00
69.00	3.31	3.08	0.00
69.10	3.31	3.08	0.00
69.20	3.31	3.08	0.00
69.30	3.31	3.08	0.00
69.40	3.31	3.08	0.00
69.50	3.31	3.08	0.00
69.60	3.31	3.08	0.00
69.70	3.31	3.08	0.00
69.80	3.31	3.08	0.00
69.90	3.31	3.08	0.00
70.00	3.31	3.08	0.00
70.10	3.31	3.08	0.00
70.20	3.31	3.08	0.00
70.30	3.31	3.08	0.00
70.40	3.31	3.08	0.00
70.50	3.31	3.08	0.00
70.60	3.31	3.08	0.00
70.70	3.31	3.08	0.00
70.80	3.31	3.08	0.00
70.90	3.31	3.08	0.00
71.00	3.31	3.08	0.00
71.10	3.31	3.08	0.00
71.20	3.31	3.08	0.00
71.30	3.31	3.08	0.00
71.40	3.31	3.08	0.00
71.50	3.31	3.08	0.00
71.60	3.31	3.08	0.00
71.70	3.31	3.08	0.00
71.80	3.31	3.08	0.00
71.90	3.31	3.08	0.00
72.00	3.31	3.08	0.00

Link 8L: POA-1


Hydrograph
12.42 cfs
Inflow Area=6.225 ac
Inflow
Primary
Flow (cfs)
Time (hours)

Hydrograph for Link 8L: POA-1

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.25	0.00	0.25
0.10	0.00	0.00	0.00	5.80	0.25	0.00	0.25
0.20	0.00	0.00	0.00	5.90	0.26	0.00	0.26
0.30	0.00	0.00	0.00	6.00	0.26	0.00	0.26
0.40	0.00	0.00	0.00	6.10	0.26	0.00	0.26
0.50	0.00	0.00	0.00	6.20	0.27	0.00	0.27
0.60	0.00	0.00	0.00	6.30	0.28	0.00	0.28
0.70	0.00	0.00	0.00	6.40	0.29	0.00	0.29
0.80	0.00	0.00	0.00	6.50	0.30	0.00	0.30
0.90	0.00	0.00	0.00	6.60	0.30	0.00	0.30
1.00	0.00	0.00	0.00	6.70	0.31	0.00	0.31
1.10	0.00	0.00	0.00	6.80	0.32	0.00	0.32
1.20	0.00	0.00	0.00	6.90	0.33	0.00	0.33
1.30	0.01	0.00	0.01	7.00	0.34	0.00	0.34
1.40	0.01	0.00	0.01	7.10	0.35	0.00	0.35
1.50	0.02	0.00	0.02	7.20	0.36	0.00	0.36
1.60	0.03	0.00	0.03	7.30	0.37	0.00	0.37
1.70	0.03	0.00	0.03	7.40	0.38	0.00	0.38
1.80	0.04	0.00	0.04	7.50	0.39	0.00	0.39
1.90	0.05	0.00	0.05	7.60	0.40	0.00	0.40
2.00	0.06	0.00	0.06	7.70	0.40	0.00	0.40
2.10	0.06	0.00	0.06	7.80	0.41	0.00	0.41
2.20	0.07	0.00	0.07	7.90	0.42	0.00	0.42
2.30	0.08	0.00	0.08	8.00	0.43	0.00	0.43
2.40	0.09	0.00	0.09	8.10	0.44	0.00	0.44
2.50	0.09	0.00	0.09	8.20	0.45	0.00	0.45
2.60	0.10	0.00	0.10	8.30	0.46	0.00	0.46
2.70	0.11	0.00	0.11	8.40	0.47	0.00	0.47
2.80	0.11	0.00	0.11	8.50	0.48	0.00	0.48
2.90	0.12	0.00	0.12	8.60	0.49	0.00	0.49
3.00	0.12	0.00	0.12	8.70	0.50	0.00	0.50
3.10	0.13	0.00	0.13	8.80	0.51	0.00	0.51
3.20	0.13	0.00	0.13	8.90	0.52	0.00	0.52
3.30	0.14	0.00	0.14	9.00	0.53	0.00	0.53
3.40	0.15	0.00	0.15	9.10	0.54	0.00	0.54
3.50	0.15	0.00	0.15	9.20	0.56	0.00	0.56
3.60	0.16	0.00	0.16	9.30	0.58	0.00	0.58
3.70	0.16	0.00	0.16	9.40	0.61	0.00	0.61
3.80	0.17	0.00	0.17	9.50	0.64	0.00	0.64
3.90	0.17	0.00	0.17	9.60	0.67	0.00	0.67
4.00	0.18	0.00	0.18	9.70	0.70	0.00	0.70
4.10	0.18	0.00	0.18	9.80	0.73	0.00	0.73
4.20	0.19	0.00	0.19	9.90	0.76	0.00	0.76
4.30	0.19	0.00	0.19	10.00	0.79	0.00	0.79
4.40	0.20	0.00	0.20	10.10	0.82	0.00	0.82
4.50	0.20	0.00	0.20	10.20	0.85	0.00	0.85
4.60	0.20	0.00	0.20	10.30	0.88	0.00	0.88
4.70	0.21	0.00	0.21	10.40	0.91	0.00	0.91
4.80	0.21	0.00	0.21	10.50	0.94	0.00	0.94
4.90	0.22	0.00	0.22	10.60	0.99	0.00	0.99
5.00	0.22	0.00	0.22	10.70	1.06	0.00	1.06
5.10	0.23	0.00	0.23	10.80	1.15	0.00	1.15
5.20	0.23	0.00	0.23	10.90	1.25	0.00	1.25
5.30	0.23	0.00	0.23	11.00	1.35	0.00	1.35
5.40	0.24	0.00	0.24	11.10	1.48	0.00	1.48
5.50	0.24	0.00	0.24	11.20	1.63	0.00	1.63
5.60	0.25	0.00	0.25	11.30	1.80	0.00	1.80

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	1.98	0.00	1.98	17.10	0.44	0.00	0.44
11.50	2.17	0.00	2.17	17.20	0.43	0.00	0.43
11.60	2.48	0.00	2.48	17.30	0.42	0.00	0.42
11.70	2.92	0.00	2.92	17.40	0.41	0.00	0.41
11.80	3.46	0.00	3.46	17.50	0.40	0.00	0.40
11.90	4.45	0.00	4.45	17.60	0.40	0.00	0.40
12.00	6.40	0.00	6.40	17.70	0.39	0.00	0.39
12.10	**10.21**	0.00	**10.21**	17.80	0.38	0.00	0.38
12.20	**12.17**	0.00	**12.17**	17.90	0.37	0.00	0.37
12.30	9.70	0.00	9.70	18.00	0.36	0.00	0.36
12.40	7.48	0.00	7.48	18.10	0.35	0.00	0.35
12.50	5.82	0.00	5.82	18.20	0.35	0.00	0.35
12.60	4.62	0.00	4.62	18.30	0.34	0.00	0.34
12.70	3.64	0.00	3.64	18.40	0.34	0.00	0.34
12.80	3.00	0.00	3.00	18.50	0.33	0.00	0.33
12.90	2.58	0.00	2.58	18.60	0.33	0.00	0.33
13.00	2.27	0.00	2.27	18.70	0.33	0.00	0.33
13.10	2.00	0.00	2.00	18.80	0.33	0.00	0.33
13.20	1.80	0.00	1.80	18.90	0.32	0.00	0.32
13.30	1.64	0.00	1.64	19.00	0.32	0.00	0.32
13.40	1.50	0.00	1.50	19.10	0.32	0.00	0.32
13.50	1.38	0.00	1.38	19.20	0.32	0.00	0.32
13.60	1.26	0.00	1.26	19.30	0.32	0.00	0.32
13.70	1.16	0.00	1.16	19.40	0.31	0.00	0.31
13.80	1.09	0.00	1.09	19.50	0.31	0.00	0.31
13.90	1.04	0.00	1.04	19.60	0.31	0.00	0.31
14.00	1.00	0.00	1.00	19.70	0.31	0.00	0.31
14.10	0.96	0.00	0.96	19.80	0.31	0.00	0.31
14.20	0.93	0.00	0.93	19.90	0.30	0.00	0.30
14.30	0.89	0.00	0.89	20.00	0.30	0.00	0.30
14.40	0.86	0.00	0.86	20.10	0.30	0.00	0.30
14.50	0.83	0.00	0.83	20.20	0.30	0.00	0.30
14.60	0.80	0.00	0.80	20.30	0.29	0.00	0.29
14.70	0.77	0.00	0.77	20.40	0.29	0.00	0.29
14.80	0.74	0.00	0.74	20.50	0.29	0.00	0.29
14.90	0.71	0.00	0.71	20.60	0.29	0.00	0.29
15.00	0.68	0.00	0.68	20.70	0.29	0.00	0.29
15.10	0.65	0.00	0.65	20.80	0.28	0.00	0.28
15.20	0.62	0.00	0.62	20.90	0.28	0.00	0.28
15.30	0.60	0.00	0.60	21.00	0.28	0.00	0.28
15.40	0.59	0.00	0.59	21.10	0.28	0.00	0.28
15.50	0.58	0.00	0.58	21.20	0.27	0.00	0.27
15.60	0.57	0.00	0.57	21.30	0.27	0.00	0.27
15.70	0.56	0.00	0.56	21.40	0.27	0.00	0.27
15.80	0.55	0.00	0.55	21.50	0.27	0.00	0.27
15.90	0.54	0.00	0.54	21.60	0.27	0.00	0.27
16.00	0.53	0.00	0.53	21.70	0.26	0.00	0.26
16.10	0.52	0.00	0.52	21.80	0.26	0.00	0.26
16.20	0.52	0.00	0.52	21.90	0.26	0.00	0.26
16.30	0.51	0.00	0.51	22.00	0.26	0.00	0.26
16.40	0.50	0.00	0.50	22.10	0.26	0.00	0.26
16.50	0.49	0.00	0.49	22.20	0.25	0.00	0.25
16.60	0.48	0.00	0.48	22.30	0.25	0.00	0.25
16.70	0.47	0.00	0.47	22.40	0.25	0.00	0.25
16.80	0.46	0.00	0.46	22.50	0.25	0.00	0.25
16.90	0.46	0.00	0.46	22.60	0.24	0.00	0.24
17.00	0.45	0.00	0.45	22.70	0.24	0.00	0.24

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.24	0.00	0.24	28.50	0.00	0.00	0.00
22.90	0.24	0.00	0.24	28.60	0.00	0.00	0.00
23.00	0.24	0.00	0.24	28.70	0.00	0.00	0.00
23.10	0.23	0.00	0.23	28.80	0.00	0.00	0.00
23.20	0.23	0.00	0.23	28.90	0.00	0.00	0.00
23.30	0.23	0.00	0.23	29.00	0.00	0.00	0.00
23.40	0.23	0.00	0.23	29.10	0.00	0.00	0.00
23.50	0.23	0.00	0.23	29.20	0.00	0.00	0.00
23.60	0.22	0.00	0.22	29.30	0.00	0.00	0.00
23.70	0.22	0.00	0.22	29.40	0.00	0.00	0.00
23.80	0.22	0.00	0.22	29.50	0.00	0.00	0.00
23.90	0.22	0.00	0.22	29.60	0.00	0.00	0.00
24.00	0.22	0.00	0.22	29.70	0.00	0.00	0.00
24.10	0.18	0.00	0.18	29.80	0.00	0.00	0.00
24.20	0.10	0.00	0.10	29.90	0.00	0.00	0.00
24.30	0.06	0.00	0.06	30.00	0.00	0.00	0.00
24.40	0.03	0.00	0.03	30.10	0.00	0.00	0.00
24.50	0.02	0.00	0.02	30.20	0.00	0.00	0.00
24.60	0.01	0.00	0.01	30.30	0.00	0.00	0.00
24.70	0.00	0.00	0.00	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

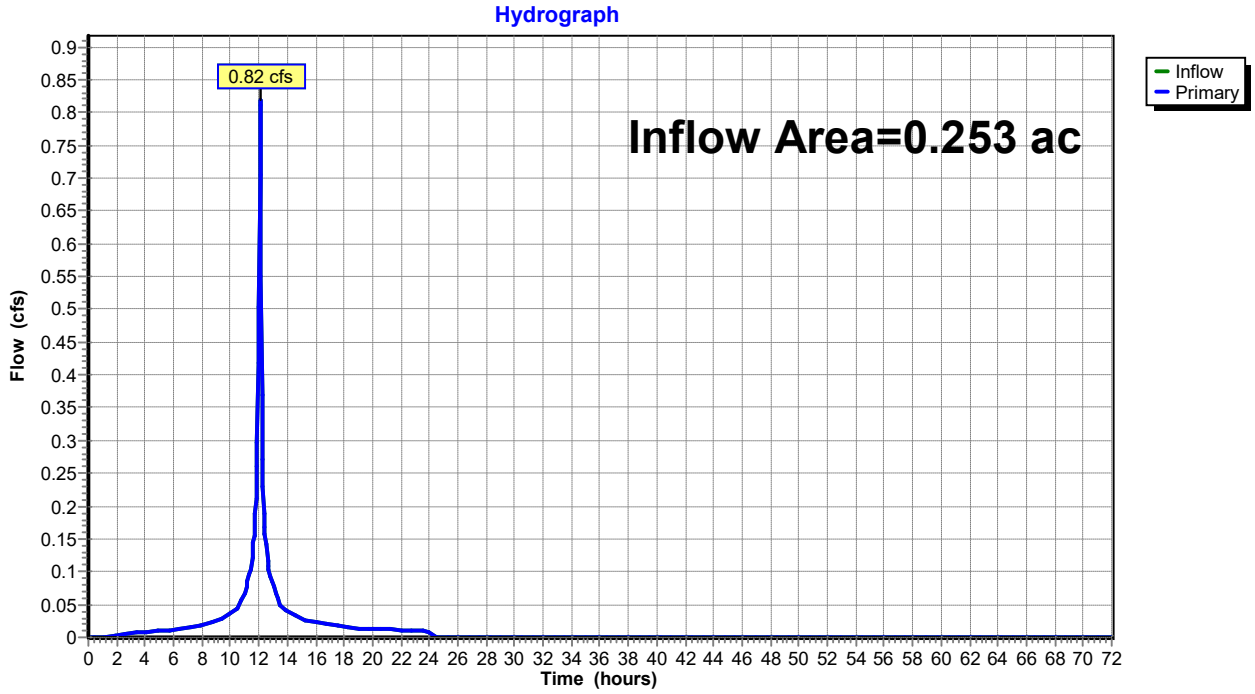
Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Link 10L: POA-2



Hydrograph for Link 10L: POA-2

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.01	0.00	0.01
0.10	0.00	0.00	0.00	5.80	0.01	0.00	0.01
0.20	0.00	0.00	0.00	5.90	0.01	0.00	0.01
0.30	0.00	0.00	0.00	6.00	0.01	0.00	0.01
0.40	0.00	0.00	0.00	6.10	0.01	0.00	0.01
0.50	0.00	0.00	0.00	6.20	0.01	0.00	0.01
0.60	0.00	0.00	0.00	6.30	0.01	0.00	0.01
0.70	0.00	0.00	0.00	6.40	0.01	0.00	0.01
0.80	0.00	0.00	0.00	6.50	0.01	0.00	0.01
0.90	0.00	0.00	0.00	6.60	0.01	0.00	0.01
1.00	0.00	0.00	0.00	6.70	0.01	0.00	0.01
1.10	0.00	0.00	0.00	6.80	0.01	0.00	0.01
1.20	0.00	0.00	0.00	6.90	0.02	0.00	0.02
1.30	0.00	0.00	0.00	7.00	0.02	0.00	0.02
1.40	0.00	0.00	0.00	7.10	0.02	0.00	0.02
1.50	0.00	0.00	0.00	7.20	0.02	0.00	0.02
1.60	0.00	0.00	0.00	7.30	0.02	0.00	0.02
1.70	0.00	0.00	0.00	7.40	0.02	0.00	0.02
1.80	0.00	0.00	0.00	7.50	0.02	0.00	0.02
1.90	0.00	0.00	0.00	7.60	0.02	0.00	0.02
2.00	0.00	0.00	0.00	7.70	0.02	0.00	0.02
2.10	0.00	0.00	0.00	7.80	0.02	0.00	0.02
2.20	0.00	0.00	0.00	7.90	0.02	0.00	0.02
2.30	0.00	0.00	0.00	8.00	0.02	0.00	0.02
2.40	0.00	0.00	0.00	8.10	0.02	0.00	0.02
2.50	0.00	0.00	0.00	8.20	0.02	0.00	0.02
2.60	0.00	0.00	0.00	8.30	0.02	0.00	0.02
2.70	0.01	0.00	0.01	8.40	0.02	0.00	0.02
2.80	0.01	0.00	0.01	8.50	0.02	0.00	0.02
2.90	0.01	0.00	0.01	8.60	0.02	0.00	0.02
3.00	0.01	0.00	0.01	8.70	0.02	0.00	0.02
3.10	0.01	0.00	0.01	8.80	0.02	0.00	0.02
3.20	0.01	0.00	0.01	8.90	0.02	0.00	0.02
3.30	0.01	0.00	0.01	9.00	0.02	0.00	0.02
3.40	0.01	0.00	0.01	9.10	0.02	0.00	0.02
3.50	0.01	0.00	0.01	9.20	0.03	0.00	0.03
3.60	0.01	0.00	0.01	9.30	0.03	0.00	0.03
3.70	0.01	0.00	0.01	9.40	0.03	0.00	0.03
3.80	0.01	0.00	0.01	9.50	0.03	0.00	0.03
3.90	0.01	0.00	0.01	9.60	0.03	0.00	0.03
4.00	0.01	0.00	0.01	9.70	0.03	0.00	0.03
4.10	0.01	0.00	0.01	9.80	0.03	0.00	0.03
4.20	0.01	0.00	0.01	9.90	0.04	0.00	0.04
4.30	0.01	0.00	0.01	10.00	0.04	0.00	0.04
4.40	0.01	0.00	0.01	10.10	0.04	0.00	0.04
4.50	0.01	0.00	0.01	10.20	0.04	0.00	0.04
4.60	0.01	0.00	0.01	10.30	0.04	0.00	0.04
4.70	0.01	0.00	0.01	10.40	0.04	0.00	0.04
4.80	0.01	0.00	0.01	10.50	0.04	0.00	0.04
4.90	0.01	0.00	0.01	10.60	0.05	0.00	0.05
5.00	0.01	0.00	0.01	10.70	0.05	0.00	0.05
5.10	0.01	0.00	0.01	10.80	0.06	0.00	0.06
5.20	0.01	0.00	0.01	10.90	0.06	0.00	0.06
5.30	0.01	0.00	0.01	11.00	0.07	0.00	0.07
5.40	0.01	0.00	0.01	11.10	0.08	0.00	0.08
5.50	0.01	0.00	0.01	11.20	0.08	0.00	0.08
5.60	0.01	0.00	0.01	11.30	0.09	0.00	0.09

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	0.10	0.00	0.10	17.10	0.02	0.00	0.02
11.50	0.11	0.00	0.11	17.20	0.02	0.00	0.02
11.60	0.14	0.00	0.14	17.30	0.02	0.00	0.02
11.70	0.16	0.00	0.16	17.40	0.02	0.00	0.02
11.80	0.21	0.00	0.21	17.50	0.02	0.00	0.02
11.90	0.30	0.00	0.30	17.60	0.02	0.00	0.02
12.00	0.50	0.00	0.50	17.70	0.02	0.00	0.02
12.10	**0.81**	0.00	**0.81**	17.80	0.02	0.00	0.02
12.20	0.37	0.00	0.37	17.90	0.02	0.00	0.02
12.30	0.23	0.00	0.23	18.00	0.02	0.00	0.02
12.40	0.17	0.00	0.17	18.10	0.01	0.00	0.01
12.50	0.15	0.00	0.15	18.20	0.01	0.00	0.01
12.60	0.12	0.00	0.12	18.30	0.01	0.00	0.01
12.70	0.11	0.00	0.11	18.40	0.01	0.00	0.01
12.80	0.10	0.00	0.10	18.50	0.01	0.00	0.01
12.90	0.09	0.00	0.09	18.60	0.01	0.00	0.01
13.00	0.08	0.00	0.08	18.70	0.01	0.00	0.01
13.10	0.07	0.00	0.07	18.80	0.01	0.00	0.01
13.20	0.07	0.00	0.07	18.90	0.01	0.00	0.01
13.30	0.06	0.00	0.06	19.00	0.01	0.00	0.01
13.40	0.06	0.00	0.06	19.10	0.01	0.00	0.01
13.50	0.05	0.00	0.05	19.20	0.01	0.00	0.01
13.60	0.05	0.00	0.05	19.30	0.01	0.00	0.01
13.70	0.04	0.00	0.04	19.40	0.01	0.00	0.01
13.80	0.04	0.00	0.04	19.50	0.01	0.00	0.01
13.90	0.04	0.00	0.04	19.60	0.01	0.00	0.01
14.00	0.04	0.00	0.04	19.70	0.01	0.00	0.01
14.10	0.04	0.00	0.04	19.80	0.01	0.00	0.01
14.20	0.04	0.00	0.04	19.90	0.01	0.00	0.01
14.30	0.04	0.00	0.04	20.00	0.01	0.00	0.01
14.40	0.04	0.00	0.04	20.10	0.01	0.00	0.01
14.50	0.03	0.00	0.03	20.20	0.01	0.00	0.01
14.60	0.03	0.00	0.03	20.30	0.01	0.00	0.01
14.70	0.03	0.00	0.03	20.40	0.01	0.00	0.01
14.80	0.03	0.00	0.03	20.50	0.01	0.00	0.01
14.90	0.03	0.00	0.03	20.60	0.01	0.00	0.01
15.00	0.03	0.00	0.03	20.70	0.01	0.00	0.01
15.10	0.03	0.00	0.03	20.80	0.01	0.00	0.01
15.20	0.03	0.00	0.03	20.90	0.01	0.00	0.01
15.30	0.03	0.00	0.03	21.00	0.01	0.00	0.01
15.40	0.02	0.00	0.02	21.10	0.01	0.00	0.01
15.50	0.02	0.00	0.02	21.20	0.01	0.00	0.01
15.60	0.02	0.00	0.02	21.30	0.01	0.00	0.01
15.70	0.02	0.00	0.02	21.40	0.01	0.00	0.01
15.80	0.02	0.00	0.02	21.50	0.01	0.00	0.01
15.90	0.02	0.00	0.02	21.60	0.01	0.00	0.01
16.00	0.02	0.00	0.02	21.70	0.01	0.00	0.01
16.10	0.02	0.00	0.02	21.80	0.01	0.00	0.01
16.20	0.02	0.00	0.02	21.90	0.01	0.00	0.01
16.30	0.02	0.00	0.02	22.00	0.01	0.00	0.01
16.40	0.02	0.00	0.02	22.10	0.01	0.00	0.01
16.50	0.02	0.00	0.02	22.20	0.01	0.00	0.01
16.60	0.02	0.00	0.02	22.30	0.01	0.00	0.01
16.70	0.02	0.00	0.02	22.40	0.01	0.00	0.01
16.80	0.02	0.00	0.02	22.50	0.01	0.00	0.01
16.90	0.02	0.00	0.02	22.60	0.01	0.00	0.01
17.00	0.02	0.00	0.02	22.70	0.01	0.00	0.01

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.01	0.00	0.01	28.50	0.00	0.00	0.00
22.90	0.01	0.00	0.01	28.60	0.00	0.00	0.00
23.00	0.01	0.00	0.01	28.70	0.00	0.00	0.00
23.10	0.01	0.00	0.01	28.80	0.00	0.00	0.00
23.20	0.01	0.00	0.01	28.90	0.00	0.00	0.00
23.30	0.01	0.00	0.01	29.00	0.00	0.00	0.00
23.40	0.01	0.00	0.01	29.10	0.00	0.00	0.00
23.50	0.01	0.00	0.01	29.20	0.00	0.00	0.00
23.60	0.01	0.00	0.01	29.30	0.00	0.00	0.00
23.70	0.01	0.00	0.01	29.40	0.00	0.00	0.00
23.80	0.01	0.00	0.01	29.50	0.00	0.00	0.00
23.90	0.01	0.00	0.01	29.60	0.00	0.00	0.00
24.00	0.01	0.00	0.01	29.70	0.00	0.00	0.00
24.10	0.00	0.00	0.00	29.80	0.00	0.00	0.00
24.20	0.00	0.00	0.00	29.90	0.00	0.00	0.00
24.30	0.00	0.00	0.00	30.00	0.00	0.00	0.00
24.40	0.00	0.00	0.00	30.10	0.00	0.00	0.00
24.50	0.00	0.00	0.00	30.20	0.00	0.00	0.00
24.60	0.00	0.00	0.00	30.30	0.00	0.00	0.00
24.70	0.00	0.00	0.00	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

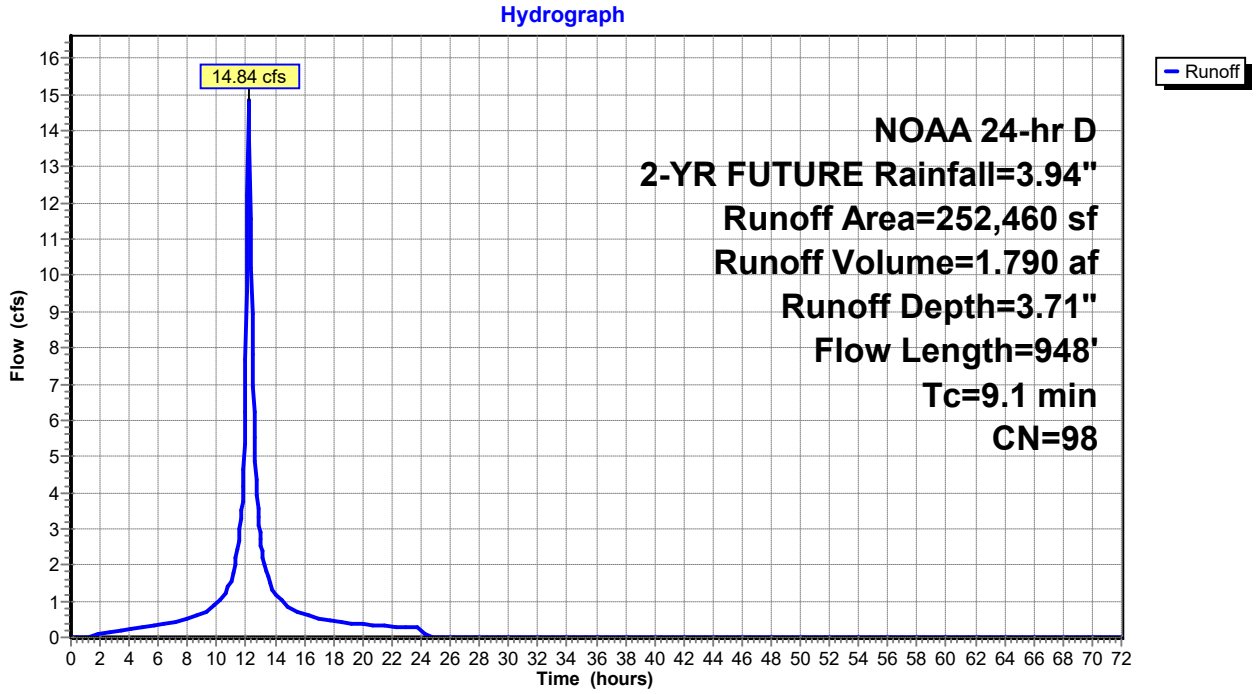
Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Subcatchment 6S: PDA 2-Impervious



Hydrograph for Subcatchment 6S: PDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.32	0.16	0.31
0.10	0.00	0.00	0.00	5.80	0.32	0.16	0.32
0.20	0.01	0.00	0.00	5.90	0.33	0.17	0.32
0.30	0.01	0.00	0.00	6.00	0.34	0.17	0.33
0.40	0.02	0.00	0.00	6.10	0.34	0.18	0.33
0.50	0.02	0.00	0.00	6.20	0.35	0.19	0.34
0.60	0.03	0.00	0.00	6.30	0.36	0.19	0.35
0.70	0.03	0.00	0.00	6.40	0.37	0.20	0.36
0.80	0.04	0.00	0.00	6.50	0.37	0.21	0.37
0.90	0.04	0.00	0.00	6.60	0.38	0.21	0.38
1.00	0.05	0.00	0.00	6.70	0.39	0.22	0.39
1.10	0.05	0.00	0.00	6.80	0.40	0.23	0.40
1.20	0.05	0.00	0.01	6.90	0.41	0.23	0.41
1.30	0.06	0.00	0.02	7.00	0.42	0.24	0.42
1.40	0.06	0.00	0.03	7.10	0.42	0.25	0.43
1.50	0.07	0.00	0.04	7.20	0.43	0.26	0.44
1.60	0.07	0.00	0.05	7.30	0.44	0.27	0.45
1.70	0.08	0.01	0.06	7.40	0.45	0.27	0.47
1.80	0.08	0.01	0.07	7.50	0.46	0.28	0.48
1.90	0.09	0.01	0.08	7.60	0.47	0.29	0.49
2.00	0.09	0.01	0.09	7.70	0.48	0.30	0.50
2.10	0.10	0.01	0.10	7.80	0.49	0.31	0.51
2.20	0.11	0.02	0.11	7.90	0.50	0.32	0.52
2.30	0.11	0.02	0.12	8.00	0.51	0.33	0.53
2.40	0.12	0.02	0.13	8.10	0.52	0.34	0.54
2.50	0.12	0.02	0.13	8.20	0.53	0.35	0.55
2.60	0.13	0.03	0.14	8.30	0.54	0.36	0.56
2.70	0.13	0.03	0.15	8.40	0.55	0.37	0.58
2.80	0.14	0.03	0.16	8.50	0.57	0.38	0.59
2.90	0.14	0.03	0.16	8.60	0.58	0.39	0.60
3.00	0.15	0.04	0.17	8.70	0.59	0.40	0.61
3.10	0.15	0.04	0.18	8.80	0.60	0.41	0.62
3.20	0.16	0.04	0.18	8.90	0.61	0.42	0.63
3.30	0.17	0.05	0.19	9.00	0.63	0.43	0.64
3.40	0.17	0.05	0.20	9.10	0.64	0.44	0.66
3.50	0.18	0.05	0.20	9.20	0.65	0.46	0.68
3.60	0.18	0.06	0.21	9.30	0.67	0.47	0.71
3.70	0.19	0.06	0.22	9.40	0.68	0.48	0.74
3.80	0.19	0.07	0.22	9.50	0.70	0.50	0.78
3.90	0.20	0.07	0.23	9.60	0.71	0.51	0.81
4.00	0.21	0.07	0.23	9.70	0.73	0.53	0.85
4.10	0.21	0.08	0.24	9.80	0.74	0.55	0.88
4.20	0.22	0.08	0.24	9.90	0.76	0.56	0.92
4.30	0.23	0.09	0.25	10.00	0.78	0.58	0.96
4.40	0.23	0.09	0.25	10.10	0.80	0.60	0.99
4.50	0.24	0.10	0.26	10.20	0.82	0.62	1.03
4.60	0.24	0.10	0.26	10.30	0.84	0.64	1.07
4.70	0.25	0.11	0.27	10.40	0.86	0.66	1.10
4.80	0.26	0.11	0.27	10.50	0.88	0.68	1.14
4.90	0.26	0.12	0.28	10.60	0.91	0.70	1.19
5.00	0.27	0.12	0.28	10.70	0.93	0.73	1.28
5.10	0.28	0.13	0.29	10.80	0.96	0.75	1.39
5.20	0.28	0.13	0.29	10.90	0.99	0.78	1.51
5.30	0.29	0.14	0.30	11.00	1.02	0.81	1.63
5.40	0.30	0.14	0.30	11.10	1.06	0.85	1.78
5.50	0.30	0.15	0.31	11.20	1.10	0.89	1.96
5.60	0.31	0.15	0.31	11.30	1.15	0.93	2.16

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.20	0.98	2.38	17.10	3.53	3.30	0.52
11.50	1.25	1.03	2.61	17.20	3.54	3.31	0.51
11.60	1.32	1.10	2.98	17.30	3.55	3.32	0.50
11.70	1.40	1.18	3.50	17.40	3.56	3.32	0.49
11.80	1.50	1.28	4.15	17.50	3.57	3.33	0.48
11.90	1.64	1.42	5.33	17.60	3.57	3.34	0.47
12.00	1.89	1.66	7.66	17.70	3.58	3.35	0.46
12.10	2.30	2.07	**12.21**	17.80	3.59	3.36	0.45
12.20	2.44	2.21	**14.54**	17.90	3.60	3.36	0.44
12.30	2.54	2.32	11.58	18.00	3.60	3.37	0.43
12.40	2.62	2.39	8.93	18.10	3.61	3.38	0.42
12.50	2.69	2.46	6.95	18.20	3.62	3.38	0.41
12.60	2.74	2.51	5.52	18.30	3.62	3.39	0.41
12.70	2.79	2.56	4.34	18.40	3.63	3.40	0.40
12.80	2.84	2.61	3.58	18.50	3.64	3.40	0.40
12.90	2.88	2.65	3.08	18.60	3.64	3.41	0.39
13.00	2.92	2.68	2.70	18.70	3.65	3.42	0.39
13.10	2.95	2.72	2.39	18.80	3.66	3.42	0.39
13.20	2.98	2.75	2.14	18.90	3.66	3.43	0.39
13.30	3.01	2.78	1.95	19.00	3.67	3.44	0.38
13.40	3.03	2.80	1.79	19.10	3.68	3.44	0.38
13.50	3.06	2.83	1.64	19.20	3.68	3.45	0.38
13.60	3.08	2.85	1.50	19.30	3.69	3.46	0.38
13.70	3.10	2.87	1.38	19.40	3.70	3.46	0.37
13.80	3.12	2.89	1.30	19.50	3.70	3.47	0.37
13.90	3.14	2.91	1.24	19.60	3.71	3.47	0.37
14.00	3.16	2.93	1.19	19.70	3.71	3.48	0.37
14.10	3.18	2.94	1.14	19.80	3.72	3.49	0.36
14.20	3.20	2.96	1.10	19.90	3.73	3.49	0.36
14.30	3.21	2.98	1.07	20.00	3.73	3.50	0.36
14.40	3.23	3.00	1.03	20.10	3.74	3.51	0.36
14.50	3.24	3.01	0.99	20.20	3.75	3.51	0.35
14.60	3.26	3.03	0.96	20.30	3.75	3.52	0.35
14.70	3.27	3.04	0.92	20.40	3.76	3.52	0.35
14.80	3.29	3.06	0.88	20.50	3.76	3.53	0.35
14.90	3.30	3.07	0.85	20.60	3.77	3.53	0.34
15.00	3.31	3.08	0.81	20.70	3.77	3.54	0.34
15.10	3.33	3.09	0.78	20.80	3.78	3.55	0.34
15.20	3.34	3.11	0.74	20.90	3.79	3.55	0.34
15.30	3.35	3.12	0.72	21.00	3.79	3.56	0.33
15.40	3.36	3.13	0.70	21.10	3.80	3.56	0.33
15.50	3.37	3.14	0.69	21.20	3.80	3.57	0.33
15.60	3.39	3.15	0.68	21.30	3.81	3.57	0.32
15.70	3.40	3.16	0.67	21.40	3.81	3.58	0.32
15.80	3.41	3.17	0.66	21.50	3.82	3.58	0.32
15.90	3.42	3.18	0.65	21.60	3.82	3.59	0.32
16.00	3.43	3.20	0.64	21.70	3.83	3.60	0.31
16.10	3.44	3.21	0.63	21.80	3.83	3.60	0.31
16.20	3.45	3.22	0.62	21.90	3.84	3.61	0.31
16.30	3.46	3.23	0.60	22.00	3.85	3.61	0.31
16.40	3.47	3.24	0.59	22.10	3.85	3.62	0.30
16.50	3.48	3.25	0.58	22.20	3.86	3.62	0.30
16.60	3.49	3.26	0.57	22.30	3.86	3.63	0.30
16.70	3.50	3.26	0.56	22.40	3.87	3.63	0.30
16.80	3.51	3.27	0.55	22.50	3.87	3.64	0.29
16.90	3.52	3.28	0.54	22.60	3.88	3.64	0.29
17.00	3.52	3.29	0.53	22.70	3.88	3.65	0.29

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	3.89	3.65	0.29	28.50	3.94	3.71	0.00
22.90	3.89	3.66	0.28	28.60	3.94	3.71	0.00
23.00	3.89	3.66	0.28	28.70	3.94	3.71	0.00
23.10	3.90	3.66	0.28	28.80	3.94	3.71	0.00
23.20	3.90	3.67	0.28	28.90	3.94	3.71	0.00
23.30	3.91	3.67	0.27	29.00	3.94	3.71	0.00
23.40	3.91	3.68	0.27	29.10	3.94	3.71	0.00
23.50	3.92	3.68	0.27	29.20	3.94	3.71	0.00
23.60	3.92	3.69	0.27	29.30	3.94	3.71	0.00
23.70	3.93	3.69	0.26	29.40	3.94	3.71	0.00
23.80	3.93	3.70	0.26	29.50	3.94	3.71	0.00
23.90	3.94	3.70	0.26	29.60	3.94	3.71	0.00
24.00	**3.94**	**3.71**	0.26	29.70	3.94	3.71	0.00
24.10	3.94	3.71	0.21	29.80	3.94	3.71	0.00
24.20	3.94	3.71	0.12	29.90	3.94	3.71	0.00
24.30	3.94	3.71	0.07	30.00	3.94	3.71	0.00
24.40	3.94	3.71	0.04	30.10	3.94	3.71	0.00
24.50	3.94	3.71	0.02	30.20	3.94	3.71	0.00
24.60	3.94	3.71	0.01	30.30	3.94	3.71	0.00
24.70	3.94	3.71	0.00	30.40	3.94	3.71	0.00
24.80	3.94	3.71	0.00	30.50	3.94	3.71	0.00
24.90	3.94	3.71	0.00	30.60	3.94	3.71	0.00
25.00	3.94	3.71	0.00	30.70	3.94	3.71	0.00
25.10	3.94	3.71	0.00	30.80	3.94	3.71	0.00
25.20	3.94	3.71	0.00	30.90	3.94	3.71	0.00
25.30	3.94	3.71	0.00	31.00	3.94	3.71	0.00
25.40	3.94	3.71	0.00	31.10	3.94	3.71	0.00
25.50	3.94	3.71	0.00	31.20	3.94	3.71	0.00
25.60	3.94	3.71	0.00	31.30	3.94	3.71	0.00
25.70	3.94	3.71	0.00	31.40	3.94	3.71	0.00
25.80	3.94	3.71	0.00	31.50	3.94	3.71	0.00
25.90	3.94	3.71	0.00	31.60	3.94	3.71	0.00
26.00	3.94	3.71	0.00	31.70	3.94	3.71	0.00
26.10	3.94	3.71	0.00	31.80	3.94	3.71	0.00
26.20	3.94	3.71	0.00	31.90	3.94	3.71	0.00
26.30	3.94	3.71	0.00	32.00	3.94	3.71	0.00
26.40	3.94	3.71	0.00	32.10	3.94	3.71	0.00
26.50	3.94	3.71	0.00	32.20	3.94	3.71	0.00
26.60	3.94	3.71	0.00	32.30	3.94	3.71	0.00
26.70	3.94	3.71	0.00	32.40	3.94	3.71	0.00
26.80	3.94	3.71	0.00	32.50	3.94	3.71	0.00
26.90	3.94	3.71	0.00	32.60	3.94	3.71	0.00
27.00	3.94	3.71	0.00	32.70	3.94	3.71	0.00
27.10	3.94	3.71	0.00	32.80	3.94	3.71	0.00
27.20	3.94	3.71	0.00	32.90	3.94	3.71	0.00
27.30	3.94	3.71	0.00	33.00	3.94	3.71	0.00
27.40	3.94	3.71	0.00	33.10	3.94	3.71	0.00
27.50	3.94	3.71	0.00	33.20	3.94	3.71	0.00
27.60	3.94	3.71	0.00	33.30	3.94	3.71	0.00
27.70	3.94	3.71	0.00	33.40	3.94	3.71	0.00
27.80	3.94	3.71	0.00	33.50	3.94	3.71	0.00
27.90	3.94	3.71	0.00	33.60	3.94	3.71	0.00
28.00	3.94	3.71	0.00	33.70	3.94	3.71	0.00
28.10	3.94	3.71	0.00	33.80	3.94	3.71	0.00
28.20	3.94	3.71	0.00	33.90	3.94	3.71	0.00
28.30	3.94	3.71	0.00	34.00	3.94	3.71	0.00
28.40	3.94	3.71	0.00	34.10	3.94	3.71	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	3.94	3.71	0.00	39.90	3.94	3.71	0.00
34.30	3.94	3.71	0.00	40.00	3.94	3.71	0.00
34.40	3.94	3.71	0.00	40.10	3.94	3.71	0.00
34.50	3.94	3.71	0.00	40.20	3.94	3.71	0.00
34.60	3.94	3.71	0.00	40.30	3.94	3.71	0.00
34.70	3.94	3.71	0.00	40.40	3.94	3.71	0.00
34.80	3.94	3.71	0.00	40.50	3.94	3.71	0.00
34.90	3.94	3.71	0.00	40.60	3.94	3.71	0.00
35.00	3.94	3.71	0.00	40.70	3.94	3.71	0.00
35.10	3.94	3.71	0.00	40.80	3.94	3.71	0.00
35.20	3.94	3.71	0.00	40.90	3.94	3.71	0.00
35.30	3.94	3.71	0.00	41.00	3.94	3.71	0.00
35.40	3.94	3.71	0.00	41.10	3.94	3.71	0.00
35.50	3.94	3.71	0.00	41.20	3.94	3.71	0.00
35.60	3.94	3.71	0.00	41.30	3.94	3.71	0.00
35.70	3.94	3.71	0.00	41.40	3.94	3.71	0.00
35.80	3.94	3.71	0.00	41.50	3.94	3.71	0.00
35.90	3.94	3.71	0.00	41.60	3.94	3.71	0.00
36.00	3.94	3.71	0.00	41.70	3.94	3.71	0.00
36.10	3.94	3.71	0.00	41.80	3.94	3.71	0.00
36.20	3.94	3.71	0.00	41.90	3.94	3.71	0.00
36.30	3.94	3.71	0.00	42.00	3.94	3.71	0.00
36.40	3.94	3.71	0.00	42.10	3.94	3.71	0.00
36.50	3.94	3.71	0.00	42.20	3.94	3.71	0.00
36.60	3.94	3.71	0.00	42.30	3.94	3.71	0.00
36.70	3.94	3.71	0.00	42.40	3.94	3.71	0.00
36.80	3.94	3.71	0.00	42.50	3.94	3.71	0.00
36.90	3.94	3.71	0.00	42.60	3.94	3.71	0.00
37.00	3.94	3.71	0.00	42.70	3.94	3.71	0.00
37.10	3.94	3.71	0.00	42.80	3.94	3.71	0.00
37.20	3.94	3.71	0.00	42.90	3.94	3.71	0.00
37.30	3.94	3.71	0.00	43.00	3.94	3.71	0.00
37.40	3.94	3.71	0.00	43.10	3.94	3.71	0.00
37.50	3.94	3.71	0.00	43.20	3.94	3.71	0.00
37.60	3.94	3.71	0.00	43.30	3.94	3.71	0.00
37.70	3.94	3.71	0.00	43.40	3.94	3.71	0.00
37.80	3.94	3.71	0.00	43.50	3.94	3.71	0.00
37.90	3.94	3.71	0.00	43.60	3.94	3.71	0.00
38.00	3.94	3.71	0.00	43.70	3.94	3.71	0.00
38.10	3.94	3.71	0.00	43.80	3.94	3.71	0.00
38.20	3.94	3.71	0.00	43.90	3.94	3.71	0.00
38.30	3.94	3.71	0.00	44.00	3.94	3.71	0.00
38.40	3.94	3.71	0.00	44.10	3.94	3.71	0.00
38.50	3.94	3.71	0.00	44.20	3.94	3.71	0.00
38.60	3.94	3.71	0.00	44.30	3.94	3.71	0.00
38.70	3.94	3.71	0.00	44.40	3.94	3.71	0.00
38.80	3.94	3.71	0.00	44.50	3.94	3.71	0.00
38.90	3.94	3.71	0.00	44.60	3.94	3.71	0.00
39.00	3.94	3.71	0.00	44.70	3.94	3.71	0.00
39.10	3.94	3.71	0.00	44.80	3.94	3.71	0.00
39.20	3.94	3.71	0.00	44.90	3.94	3.71	0.00
39.30	3.94	3.71	0.00	45.00	3.94	3.71	0.00
39.40	3.94	3.71	0.00	45.10	3.94	3.71	0.00
39.50	3.94	3.71	0.00	45.20	3.94	3.71	0.00
39.60	3.94	3.71	0.00	45.30	3.94	3.71	0.00
39.70	3.94	3.71	0.00	45.40	3.94	3.71	0.00
39.80	3.94	3.71	0.00	45.50	3.94	3.71	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	3.94	3.71	0.00	51.30	3.94	3.71	0.00
45.70	3.94	3.71	0.00	51.40	3.94	3.71	0.00
45.80	3.94	3.71	0.00	51.50	3.94	3.71	0.00
45.90	3.94	3.71	0.00	51.60	3.94	3.71	0.00
46.00	3.94	3.71	0.00	51.70	3.94	3.71	0.00
46.10	3.94	3.71	0.00	51.80	3.94	3.71	0.00
46.20	3.94	3.71	0.00	51.90	3.94	3.71	0.00
46.30	3.94	3.71	0.00	52.00	3.94	3.71	0.00
46.40	3.94	3.71	0.00	52.10	3.94	3.71	0.00
46.50	3.94	3.71	0.00	52.20	3.94	3.71	0.00
46.60	3.94	3.71	0.00	52.30	3.94	3.71	0.00
46.70	3.94	3.71	0.00	52.40	3.94	3.71	0.00
46.80	3.94	3.71	0.00	52.50	3.94	3.71	0.00
46.90	3.94	3.71	0.00	52.60	3.94	3.71	0.00
47.00	3.94	3.71	0.00	52.70	3.94	3.71	0.00
47.10	3.94	3.71	0.00	52.80	3.94	3.71	0.00
47.20	3.94	3.71	0.00	52.90	3.94	3.71	0.00
47.30	3.94	3.71	0.00	53.00	3.94	3.71	0.00
47.40	3.94	3.71	0.00	53.10	3.94	3.71	0.00
47.50	3.94	3.71	0.00	53.20	3.94	3.71	0.00
47.60	3.94	3.71	0.00	53.30	3.94	3.71	0.00
47.70	3.94	3.71	0.00	53.40	3.94	3.71	0.00
47.80	3.94	3.71	0.00	53.50	3.94	3.71	0.00
47.90	3.94	3.71	0.00	53.60	3.94	3.71	0.00
48.00	3.94	3.71	0.00	53.70	3.94	3.71	0.00
48.10	3.94	3.71	0.00	53.80	3.94	3.71	0.00
48.20	3.94	3.71	0.00	53.90	3.94	3.71	0.00
48.30	3.94	3.71	0.00	54.00	3.94	3.71	0.00
48.40	3.94	3.71	0.00	54.10	3.94	3.71	0.00
48.50	3.94	3.71	0.00	54.20	3.94	3.71	0.00
48.60	3.94	3.71	0.00	54.30	3.94	3.71	0.00
48.70	3.94	3.71	0.00	54.40	3.94	3.71	0.00
48.80	3.94	3.71	0.00	54.50	3.94	3.71	0.00
48.90	3.94	3.71	0.00	54.60	3.94	3.71	0.00
49.00	3.94	3.71	0.00	54.70	3.94	3.71	0.00
49.10	3.94	3.71	0.00	54.80	3.94	3.71	0.00
49.20	3.94	3.71	0.00	54.90	3.94	3.71	0.00
49.30	3.94	3.71	0.00	55.00	3.94	3.71	0.00
49.40	3.94	3.71	0.00	55.10	3.94	3.71	0.00
49.50	3.94	3.71	0.00	55.20	3.94	3.71	0.00
49.60	3.94	3.71	0.00	55.30	3.94	3.71	0.00
49.70	3.94	3.71	0.00	55.40	3.94	3.71	0.00
49.80	3.94	3.71	0.00	55.50	3.94	3.71	0.00
49.90	3.94	3.71	0.00	55.60	3.94	3.71	0.00
50.00	3.94	3.71	0.00	55.70	3.94	3.71	0.00
50.10	3.94	3.71	0.00	55.80	3.94	3.71	0.00
50.20	3.94	3.71	0.00	55.90	3.94	3.71	0.00
50.30	3.94	3.71	0.00	56.00	3.94	3.71	0.00
50.40	3.94	3.71	0.00	56.10	3.94	3.71	0.00
50.50	3.94	3.71	0.00	56.20	3.94	3.71	0.00
50.60	3.94	3.71	0.00	56.30	3.94	3.71	0.00
50.70	3.94	3.71	0.00	56.40	3.94	3.71	0.00
50.80	3.94	3.71	0.00	56.50	3.94	3.71	0.00
50.90	3.94	3.71	0.00	56.60	3.94	3.71	0.00
51.00	3.94	3.71	0.00	56.70	3.94	3.71	0.00
51.10	3.94	3.71	0.00	56.80	3.94	3.71	0.00
51.20	3.94	3.71	0.00	56.90	3.94	3.71	0.00

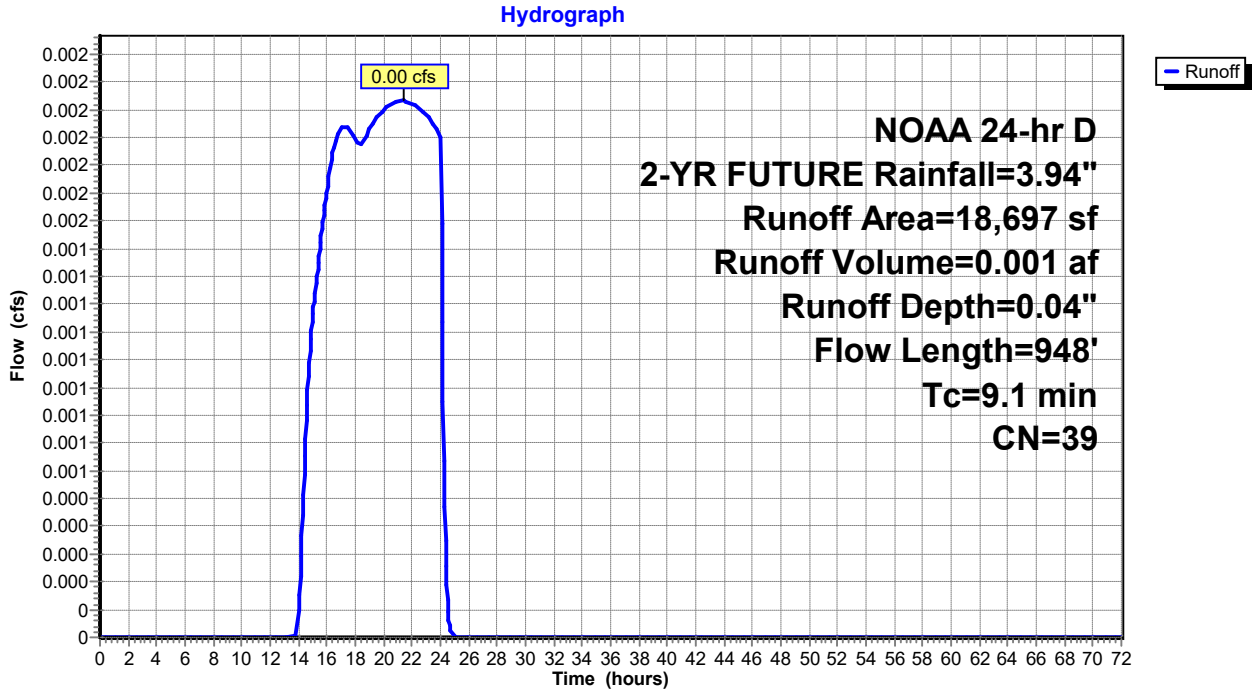
Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	3.94	3.71	0.00	62.70	3.94	3.71	0.00
57.10	3.94	3.71	0.00	62.80	3.94	3.71	0.00
57.20	3.94	3.71	0.00	62.90	3.94	3.71	0.00
57.30	3.94	3.71	0.00	63.00	3.94	3.71	0.00
57.40	3.94	3.71	0.00	63.10	3.94	3.71	0.00
57.50	3.94	3.71	0.00	63.20	3.94	3.71	0.00
57.60	3.94	3.71	0.00	63.30	3.94	3.71	0.00
57.70	3.94	3.71	0.00	63.40	3.94	3.71	0.00
57.80	3.94	3.71	0.00	63.50	3.94	3.71	0.00
57.90	3.94	3.71	0.00	63.60	3.94	3.71	0.00
58.00	3.94	3.71	0.00	63.70	3.94	3.71	0.00
58.10	3.94	3.71	0.00	63.80	3.94	3.71	0.00
58.20	3.94	3.71	0.00	63.90	3.94	3.71	0.00
58.30	3.94	3.71	0.00	64.00	3.94	3.71	0.00
58.40	3.94	3.71	0.00	64.10	3.94	3.71	0.00
58.50	3.94	3.71	0.00	64.20	3.94	3.71	0.00
58.60	3.94	3.71	0.00	64.30	3.94	3.71	0.00
58.70	3.94	3.71	0.00	64.40	3.94	3.71	0.00
58.80	3.94	3.71	0.00	64.50	3.94	3.71	0.00
58.90	3.94	3.71	0.00	64.60	3.94	3.71	0.00
59.00	3.94	3.71	0.00	64.70	3.94	3.71	0.00
59.10	3.94	3.71	0.00	64.80	3.94	3.71	0.00
59.20	3.94	3.71	0.00	64.90	3.94	3.71	0.00
59.30	3.94	3.71	0.00	65.00	3.94	3.71	0.00
59.40	3.94	3.71	0.00	65.10	3.94	3.71	0.00
59.50	3.94	3.71	0.00	65.20	3.94	3.71	0.00
59.60	3.94	3.71	0.00	65.30	3.94	3.71	0.00
59.70	3.94	3.71	0.00	65.40	3.94	3.71	0.00
59.80	3.94	3.71	0.00	65.50	3.94	3.71	0.00
59.90	3.94	3.71	0.00	65.60	3.94	3.71	0.00
60.00	3.94	3.71	0.00	65.70	3.94	3.71	0.00
60.10	3.94	3.71	0.00	65.80	3.94	3.71	0.00
60.20	3.94	3.71	0.00	65.90	3.94	3.71	0.00
60.30	3.94	3.71	0.00	66.00	3.94	3.71	0.00
60.40	3.94	3.71	0.00	66.10	3.94	3.71	0.00
60.50	3.94	3.71	0.00	66.20	3.94	3.71	0.00
60.60	3.94	3.71	0.00	66.30	3.94	3.71	0.00
60.70	3.94	3.71	0.00	66.40	3.94	3.71	0.00
60.80	3.94	3.71	0.00	66.50	3.94	3.71	0.00
60.90	3.94	3.71	0.00	66.60	3.94	3.71	0.00
61.00	3.94	3.71	0.00	66.70	3.94	3.71	0.00
61.10	3.94	3.71	0.00	66.80	3.94	3.71	0.00
61.20	3.94	3.71	0.00	66.90	3.94	3.71	0.00
61.30	3.94	3.71	0.00	67.00	3.94	3.71	0.00
61.40	3.94	3.71	0.00	67.10	3.94	3.71	0.00
61.50	3.94	3.71	0.00	67.20	3.94	3.71	0.00
61.60	3.94	3.71	0.00	67.30	3.94	3.71	0.00
61.70	3.94	3.71	0.00	67.40	3.94	3.71	0.00
61.80	3.94	3.71	0.00	67.50	3.94	3.71	0.00
61.90	3.94	3.71	0.00	67.60	3.94	3.71	0.00
62.00	3.94	3.71	0.00	67.70	3.94	3.71	0.00
62.10	3.94	3.71	0.00	67.80	3.94	3.71	0.00
62.20	3.94	3.71	0.00	67.90	3.94	3.71	0.00
62.30	3.94	3.71	0.00	68.00	3.94	3.71	0.00
62.40	3.94	3.71	0.00	68.10	3.94	3.71	0.00
62.50	3.94	3.71	0.00	68.20	3.94	3.71	0.00
62.60	3.94	3.71	0.00	68.30	3.94	3.71	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	3.94	3.71	0.00
68.50	3.94	3.71	0.00
68.60	3.94	3.71	0.00
68.70	3.94	3.71	0.00
68.80	3.94	3.71	0.00
68.90	3.94	3.71	0.00
69.00	3.94	3.71	0.00
69.10	3.94	3.71	0.00
69.20	3.94	3.71	0.00
69.30	3.94	3.71	0.00
69.40	3.94	3.71	0.00
69.50	3.94	3.71	0.00
69.60	3.94	3.71	0.00
69.70	3.94	3.71	0.00
69.80	3.94	3.71	0.00
69.90	3.94	3.71	0.00
70.00	3.94	3.71	0.00
70.10	3.94	3.71	0.00
70.20	3.94	3.71	0.00
70.30	3.94	3.71	0.00
70.40	3.94	3.71	0.00
70.50	3.94	3.71	0.00
70.60	3.94	3.71	0.00
70.70	3.94	3.71	0.00
70.80	3.94	3.71	0.00
70.90	3.94	3.71	0.00
71.00	3.94	3.71	0.00
71.10	3.94	3.71	0.00
71.20	3.94	3.71	0.00
71.30	3.94	3.71	0.00
71.40	3.94	3.71	0.00
71.50	3.94	3.71	0.00
71.60	3.94	3.71	0.00
71.70	3.94	3.71	0.00
71.80	3.94	3.71	0.00
71.90	3.94	3.71	0.00
72.00	3.94	3.71	0.00

Subcatchment 7S: PDA 2-Pervious



Hydrograph for Subcatchment 7S: PDA 2-Pervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.32	0.00	0.00
0.10	0.00	0.00	0.00	5.80	0.32	0.00	0.00
0.20	0.01	0.00	0.00	5.90	0.33	0.00	0.00
0.30	0.01	0.00	0.00	6.00	0.34	0.00	0.00
0.40	0.02	0.00	0.00	6.10	0.34	0.00	0.00
0.50	0.02	0.00	0.00	6.20	0.35	0.00	0.00
0.60	0.03	0.00	0.00	6.30	0.36	0.00	0.00
0.70	0.03	0.00	0.00	6.40	0.37	0.00	0.00
0.80	0.04	0.00	0.00	6.50	0.37	0.00	0.00
0.90	0.04	0.00	0.00	6.60	0.38	0.00	0.00
1.00	0.05	0.00	0.00	6.70	0.39	0.00	0.00
1.10	0.05	0.00	0.00	6.80	0.40	0.00	0.00
1.20	0.05	0.00	0.00	6.90	0.41	0.00	0.00
1.30	0.06	0.00	0.00	7.00	0.42	0.00	0.00
1.40	0.06	0.00	0.00	7.10	0.42	0.00	0.00
1.50	0.07	0.00	0.00	7.20	0.43	0.00	0.00
1.60	0.07	0.00	0.00	7.30	0.44	0.00	0.00
1.70	0.08	0.00	0.00	7.40	0.45	0.00	0.00
1.80	0.08	0.00	0.00	7.50	0.46	0.00	0.00
1.90	0.09	0.00	0.00	7.60	0.47	0.00	0.00
2.00	0.09	0.00	0.00	7.70	0.48	0.00	0.00
2.10	0.10	0.00	0.00	7.80	0.49	0.00	0.00
2.20	0.11	0.00	0.00	7.90	0.50	0.00	0.00
2.30	0.11	0.00	0.00	8.00	0.51	0.00	0.00
2.40	0.12	0.00	0.00	8.10	0.52	0.00	0.00
2.50	0.12	0.00	0.00	8.20	0.53	0.00	0.00
2.60	0.13	0.00	0.00	8.30	0.54	0.00	0.00
2.70	0.13	0.00	0.00	8.40	0.55	0.00	0.00
2.80	0.14	0.00	0.00	8.50	0.57	0.00	0.00
2.90	0.14	0.00	0.00	8.60	0.58	0.00	0.00
3.00	0.15	0.00	0.00	8.70	0.59	0.00	0.00
3.10	0.15	0.00	0.00	8.80	0.60	0.00	0.00
3.20	0.16	0.00	0.00	8.90	0.61	0.00	0.00
3.30	0.17	0.00	0.00	9.00	0.63	0.00	0.00
3.40	0.17	0.00	0.00	9.10	0.64	0.00	0.00
3.50	0.18	0.00	0.00	9.20	0.65	0.00	0.00
3.60	0.18	0.00	0.00	9.30	0.67	0.00	0.00
3.70	0.19	0.00	0.00	9.40	0.68	0.00	0.00
3.80	0.19	0.00	0.00	9.50	0.70	0.00	0.00
3.90	0.20	0.00	0.00	9.60	0.71	0.00	0.00
4.00	0.21	0.00	0.00	9.70	0.73	0.00	0.00
4.10	0.21	0.00	0.00	9.80	0.74	0.00	0.00
4.20	0.22	0.00	0.00	9.90	0.76	0.00	0.00
4.30	0.23	0.00	0.00	10.00	0.78	0.00	0.00
4.40	0.23	0.00	0.00	10.10	0.80	0.00	0.00
4.50	0.24	0.00	0.00	10.20	0.82	0.00	0.00
4.60	0.24	0.00	0.00	10.30	0.84	0.00	0.00
4.70	0.25	0.00	0.00	10.40	0.86	0.00	0.00
4.80	0.26	0.00	0.00	10.50	0.88	0.00	0.00
4.90	0.26	0.00	0.00	10.60	0.91	0.00	0.00
5.00	0.27	0.00	0.00	10.70	0.93	0.00	0.00
5.10	0.28	0.00	0.00	10.80	0.96	0.00	0.00
5.20	0.28	0.00	0.00	10.90	0.99	0.00	0.00
5.30	0.29	0.00	0.00	11.00	1.02	0.00	0.00
5.40	0.30	0.00	0.00	11.10	1.06	0.00	0.00
5.50	0.30	0.00	0.00	11.20	1.10	0.00	0.00
5.60	0.31	0.00	0.00	11.30	1.15	0.00	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.20	0.00	0.00	17.10	3.53	0.01	0.00
11.50	1.25	0.00	0.00	17.20	3.54	0.01	0.00
11.60	1.32	0.00	0.00	17.30	3.55	0.01	0.00
11.70	1.40	0.00	0.00	17.40	3.56	0.01	0.00
11.80	1.50	0.00	0.00	17.50	3.57	0.01	0.00
11.90	1.64	0.00	0.00	17.60	3.57	0.01	0.00
12.00	1.89	0.00	0.00	17.70	3.58	0.01	0.00
12.10	2.30	0.00	0.00	17.80	3.59	0.01	0.00
12.20	2.44	0.00	0.00	17.90	3.60	0.01	0.00
12.30	2.54	0.00	0.00	18.00	3.60	0.01	0.00
12.40	2.62	0.00	0.00	18.10	3.61	0.01	0.00
12.50	2.69	0.00	0.00	18.20	3.62	0.01	0.00
12.60	2.74	0.00	0.00	18.30	3.62	0.02	0.00
12.70	2.79	0.00	0.00	18.40	3.63	0.02	0.00
12.80	2.84	0.00	0.00	18.50	3.64	0.02	0.00
12.90	2.88	0.00	0.00	18.60	3.64	0.02	0.00
13.00	2.92	0.00	0.00	18.70	3.65	0.02	0.00
13.10	2.95	0.00	0.00	18.80	3.66	0.02	0.00
13.20	2.98	0.00	0.00	18.90	3.66	0.02	0.00
13.30	3.01	0.00	0.00	19.00	3.67	0.02	0.00
13.40	3.03	0.00	0.00	19.10	3.68	0.02	0.00
13.50	3.06	0.00	0.00	19.20	3.68	0.02	0.00
13.60	3.08	0.00	0.00	19.30	3.69	0.02	0.00
13.70	3.10	0.00	0.00	19.40	3.70	0.02	0.00
13.80	3.12	0.00	0.00	19.50	3.70	0.02	0.00
13.90	3.14	0.00	0.00	19.60	3.71	0.02	0.00
14.00	3.16	0.00	0.00	19.70	3.71	0.02	0.00
14.10	3.18	0.00	0.00	19.80	3.72	0.02	0.00
14.20	3.20	0.00	0.00	19.90	3.73	0.02	0.00
14.30	3.21	0.00	0.00	20.00	3.73	0.02	0.00
14.40	3.23	0.00	0.00	20.10	3.74	0.02	0.00
14.50	3.24	0.00	0.00	20.20	3.75	0.02	0.00
14.60	3.26	0.00	0.00	20.30	3.75	0.02	0.00
14.70	3.27	0.00	0.00	20.40	3.76	0.02	0.00
14.80	3.29	0.00	0.00	20.50	3.76	0.02	0.00
14.90	3.30	0.00	0.00	20.60	3.77	0.03	0.00
15.00	3.31	0.00	0.00	20.70	3.77	0.03	0.00
15.10	3.33	0.00	0.00	20.80	3.78	0.03	0.00
15.20	3.34	0.00	0.00	20.90	3.79	0.03	0.00
15.30	3.35	0.00	0.00	21.00	3.79	0.03	0.00
15.40	3.36	0.00	0.00	21.10	3.80	0.03	0.00
15.50	3.37	0.00	0.00	21.20	3.80	0.03	0.00
15.60	3.39	0.00	0.00	21.30	3.81	0.03	0.00
15.70	3.40	0.00	0.00	21.40	3.81	0.03	**0.00**
15.80	3.41	0.00	0.00	21.50	3.82	0.03	**0.00**
15.90	3.42	0.01	0.00	21.60	3.82	0.03	0.00
16.00	3.43	0.01	0.00	21.70	3.83	0.03	0.00
16.10	3.44	0.01	0.00	21.80	3.83	0.03	0.00
16.20	3.45	0.01	0.00	21.90	3.84	0.03	0.00
16.30	3.46	0.01	0.00	22.00	3.85	0.03	0.00
16.40	3.47	0.01	0.00	22.10	3.85	0.03	0.00
16.50	3.48	0.01	0.00	22.20	3.86	0.03	0.00
16.60	3.49	0.01	0.00	22.30	3.86	0.03	0.00
16.70	3.50	0.01	0.00	22.40	3.87	0.03	0.00
16.80	3.51	0.01	0.00	22.50	3.87	0.03	0.00
16.90	3.52	0.01	0.00	22.60	3.88	0.03	0.00
17.00	3.52	0.01	0.00	22.70	3.88	0.03	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	3.89	0.03	0.00	28.50	3.94	0.04	0.00
22.90	3.89	0.04	0.00	28.60	3.94	0.04	0.00
23.00	3.89	0.04	0.00	28.70	3.94	0.04	0.00
23.10	3.90	0.04	0.00	28.80	3.94	0.04	0.00
23.20	3.90	0.04	0.00	28.90	3.94	0.04	0.00
23.30	3.91	0.04	0.00	29.00	3.94	0.04	0.00
23.40	3.91	0.04	0.00	29.10	3.94	0.04	0.00
23.50	3.92	0.04	0.00	29.20	3.94	0.04	0.00
23.60	3.92	0.04	0.00	29.30	3.94	0.04	0.00
23.70	3.93	0.04	0.00	29.40	3.94	0.04	0.00
23.80	3.93	0.04	0.00	29.50	3.94	0.04	0.00
23.90	3.94	0.04	0.00	29.60	3.94	0.04	0.00
24.00	**3.94**	**0.04**	0.00	29.70	3.94	0.04	0.00
24.10	3.94	0.04	0.00	29.80	3.94	0.04	0.00
24.20	3.94	0.04	0.00	29.90	3.94	0.04	0.00
24.30	3.94	0.04	0.00	30.00	3.94	0.04	0.00
24.40	3.94	0.04	0.00	30.10	3.94	0.04	0.00
24.50	3.94	0.04	0.00	30.20	3.94	0.04	0.00
24.60	3.94	0.04	0.00	30.30	3.94	0.04	0.00
24.70	3.94	0.04	0.00	30.40	3.94	0.04	0.00
24.80	3.94	0.04	0.00	30.50	3.94	0.04	0.00
24.90	3.94	0.04	0.00	30.60	3.94	0.04	0.00
25.00	3.94	0.04	0.00	30.70	3.94	0.04	0.00
25.10	3.94	0.04	0.00	30.80	3.94	0.04	0.00
25.20	3.94	0.04	0.00	30.90	3.94	0.04	0.00
25.30	3.94	0.04	0.00	31.00	3.94	0.04	0.00
25.40	3.94	0.04	0.00	31.10	3.94	0.04	0.00
25.50	3.94	0.04	0.00	31.20	3.94	0.04	0.00
25.60	3.94	0.04	0.00	31.30	3.94	0.04	0.00
25.70	3.94	0.04	0.00	31.40	3.94	0.04	0.00
25.80	3.94	0.04	0.00	31.50	3.94	0.04	0.00
25.90	3.94	0.04	0.00	31.60	3.94	0.04	0.00
26.00	3.94	0.04	0.00	31.70	3.94	0.04	0.00
26.10	3.94	0.04	0.00	31.80	3.94	0.04	0.00
26.20	3.94	0.04	0.00	31.90	3.94	0.04	0.00
26.30	3.94	0.04	0.00	32.00	3.94	0.04	0.00
26.40	3.94	0.04	0.00	32.10	3.94	0.04	0.00
26.50	3.94	0.04	0.00	32.20	3.94	0.04	0.00
26.60	3.94	0.04	0.00	32.30	3.94	0.04	0.00
26.70	3.94	0.04	0.00	32.40	3.94	0.04	0.00
26.80	3.94	0.04	0.00	32.50	3.94	0.04	0.00
26.90	3.94	0.04	0.00	32.60	3.94	0.04	0.00
27.00	3.94	0.04	0.00	32.70	3.94	0.04	0.00
27.10	3.94	0.04	0.00	32.80	3.94	0.04	0.00
27.20	3.94	0.04	0.00	32.90	3.94	0.04	0.00
27.30	3.94	0.04	0.00	33.00	3.94	0.04	0.00
27.40	3.94	0.04	0.00	33.10	3.94	0.04	0.00
27.50	3.94	0.04	0.00	33.20	3.94	0.04	0.00
27.60	3.94	0.04	0.00	33.30	3.94	0.04	0.00
27.70	3.94	0.04	0.00	33.40	3.94	0.04	0.00
27.80	3.94	0.04	0.00	33.50	3.94	0.04	0.00
27.90	3.94	0.04	0.00	33.60	3.94	0.04	0.00
28.00	3.94	0.04	0.00	33.70	3.94	0.04	0.00
28.10	3.94	0.04	0.00	33.80	3.94	0.04	0.00
28.20	3.94	0.04	0.00	33.90	3.94	0.04	0.00
28.30	3.94	0.04	0.00	34.00	3.94	0.04	0.00
28.40	3.94	0.04	0.00	34.10	3.94	0.04	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	3.94	0.04	0.00	39.90	3.94	0.04	0.00
34.30	3.94	0.04	0.00	40.00	3.94	0.04	0.00
34.40	3.94	0.04	0.00	40.10	3.94	0.04	0.00
34.50	3.94	0.04	0.00	40.20	3.94	0.04	0.00
34.60	3.94	0.04	0.00	40.30	3.94	0.04	0.00
34.70	3.94	0.04	0.00	40.40	3.94	0.04	0.00
34.80	3.94	0.04	0.00	40.50	3.94	0.04	0.00
34.90	3.94	0.04	0.00	40.60	3.94	0.04	0.00
35.00	3.94	0.04	0.00	40.70	3.94	0.04	0.00
35.10	3.94	0.04	0.00	40.80	3.94	0.04	0.00
35.20	3.94	0.04	0.00	40.90	3.94	0.04	0.00
35.30	3.94	0.04	0.00	41.00	3.94	0.04	0.00
35.40	3.94	0.04	0.00	41.10	3.94	0.04	0.00
35.50	3.94	0.04	0.00	41.20	3.94	0.04	0.00
35.60	3.94	0.04	0.00	41.30	3.94	0.04	0.00
35.70	3.94	0.04	0.00	41.40	3.94	0.04	0.00
35.80	3.94	0.04	0.00	41.50	3.94	0.04	0.00
35.90	3.94	0.04	0.00	41.60	3.94	0.04	0.00
36.00	3.94	0.04	0.00	41.70	3.94	0.04	0.00
36.10	3.94	0.04	0.00	41.80	3.94	0.04	0.00
36.20	3.94	0.04	0.00	41.90	3.94	0.04	0.00
36.30	3.94	0.04	0.00	42.00	3.94	0.04	0.00
36.40	3.94	0.04	0.00	42.10	3.94	0.04	0.00
36.50	3.94	0.04	0.00	42.20	3.94	0.04	0.00
36.60	3.94	0.04	0.00	42.30	3.94	0.04	0.00
36.70	3.94	0.04	0.00	42.40	3.94	0.04	0.00
36.80	3.94	0.04	0.00	42.50	3.94	0.04	0.00
36.90	3.94	0.04	0.00	42.60	3.94	0.04	0.00
37.00	3.94	0.04	0.00	42.70	3.94	0.04	0.00
37.10	3.94	0.04	0.00	42.80	3.94	0.04	0.00
37.20	3.94	0.04	0.00	42.90	3.94	0.04	0.00
37.30	3.94	0.04	0.00	43.00	3.94	0.04	0.00
37.40	3.94	0.04	0.00	43.10	3.94	0.04	0.00
37.50	3.94	0.04	0.00	43.20	3.94	0.04	0.00
37.60	3.94	0.04	0.00	43.30	3.94	0.04	0.00
37.70	3.94	0.04	0.00	43.40	3.94	0.04	0.00
37.80	3.94	0.04	0.00	43.50	3.94	0.04	0.00
37.90	3.94	0.04	0.00	43.60	3.94	0.04	0.00
38.00	3.94	0.04	0.00	43.70	3.94	0.04	0.00
38.10	3.94	0.04	0.00	43.80	3.94	0.04	0.00
38.20	3.94	0.04	0.00	43.90	3.94	0.04	0.00
38.30	3.94	0.04	0.00	44.00	3.94	0.04	0.00
38.40	3.94	0.04	0.00	44.10	3.94	0.04	0.00
38.50	3.94	0.04	0.00	44.20	3.94	0.04	0.00
38.60	3.94	0.04	0.00	44.30	3.94	0.04	0.00
38.70	3.94	0.04	0.00	44.40	3.94	0.04	0.00
38.80	3.94	0.04	0.00	44.50	3.94	0.04	0.00
38.90	3.94	0.04	0.00	44.60	3.94	0.04	0.00
39.00	3.94	0.04	0.00	44.70	3.94	0.04	0.00
39.10	3.94	0.04	0.00	44.80	3.94	0.04	0.00
39.20	3.94	0.04	0.00	44.90	3.94	0.04	0.00
39.30	3.94	0.04	0.00	45.00	3.94	0.04	0.00
39.40	3.94	0.04	0.00	45.10	3.94	0.04	0.00
39.50	3.94	0.04	0.00	45.20	3.94	0.04	0.00
39.60	3.94	0.04	0.00	45.30	3.94	0.04	0.00
39.70	3.94	0.04	0.00	45.40	3.94	0.04	0.00
39.80	3.94	0.04	0.00	45.50	3.94	0.04	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	3.94	0.04	0.00	51.30	3.94	0.04	0.00
45.70	3.94	0.04	0.00	51.40	3.94	0.04	0.00
45.80	3.94	0.04	0.00	51.50	3.94	0.04	0.00
45.90	3.94	0.04	0.00	51.60	3.94	0.04	0.00
46.00	3.94	0.04	0.00	51.70	3.94	0.04	0.00
46.10	3.94	0.04	0.00	51.80	3.94	0.04	0.00
46.20	3.94	0.04	0.00	51.90	3.94	0.04	0.00
46.30	3.94	0.04	0.00	52.00	3.94	0.04	0.00
46.40	3.94	0.04	0.00	52.10	3.94	0.04	0.00
46.50	3.94	0.04	0.00	52.20	3.94	0.04	0.00
46.60	3.94	0.04	0.00	52.30	3.94	0.04	0.00
46.70	3.94	0.04	0.00	52.40	3.94	0.04	0.00
46.80	3.94	0.04	0.00	52.50	3.94	0.04	0.00
46.90	3.94	0.04	0.00	52.60	3.94	0.04	0.00
47.00	3.94	0.04	0.00	52.70	3.94	0.04	0.00
47.10	3.94	0.04	0.00	52.80	3.94	0.04	0.00
47.20	3.94	0.04	0.00	52.90	3.94	0.04	0.00
47.30	3.94	0.04	0.00	53.00	3.94	0.04	0.00
47.40	3.94	0.04	0.00	53.10	3.94	0.04	0.00
47.50	3.94	0.04	0.00	53.20	3.94	0.04	0.00
47.60	3.94	0.04	0.00	53.30	3.94	0.04	0.00
47.70	3.94	0.04	0.00	53.40	3.94	0.04	0.00
47.80	3.94	0.04	0.00	53.50	3.94	0.04	0.00
47.90	3.94	0.04	0.00	53.60	3.94	0.04	0.00
48.00	3.94	0.04	0.00	53.70	3.94	0.04	0.00
48.10	3.94	0.04	0.00	53.80	3.94	0.04	0.00
48.20	3.94	0.04	0.00	53.90	3.94	0.04	0.00
48.30	3.94	0.04	0.00	54.00	3.94	0.04	0.00
48.40	3.94	0.04	0.00	54.10	3.94	0.04	0.00
48.50	3.94	0.04	0.00	54.20	3.94	0.04	0.00
48.60	3.94	0.04	0.00	54.30	3.94	0.04	0.00
48.70	3.94	0.04	0.00	54.40	3.94	0.04	0.00
48.80	3.94	0.04	0.00	54.50	3.94	0.04	0.00
48.90	3.94	0.04	0.00	54.60	3.94	0.04	0.00
49.00	3.94	0.04	0.00	54.70	3.94	0.04	0.00
49.10	3.94	0.04	0.00	54.80	3.94	0.04	0.00
49.20	3.94	0.04	0.00	54.90	3.94	0.04	0.00
49.30	3.94	0.04	0.00	55.00	3.94	0.04	0.00
49.40	3.94	0.04	0.00	55.10	3.94	0.04	0.00
49.50	3.94	0.04	0.00	55.20	3.94	0.04	0.00
49.60	3.94	0.04	0.00	55.30	3.94	0.04	0.00
49.70	3.94	0.04	0.00	55.40	3.94	0.04	0.00
49.80	3.94	0.04	0.00	55.50	3.94	0.04	0.00
49.90	3.94	0.04	0.00	55.60	3.94	0.04	0.00
50.00	3.94	0.04	0.00	55.70	3.94	0.04	0.00
50.10	3.94	0.04	0.00	55.80	3.94	0.04	0.00
50.20	3.94	0.04	0.00	55.90	3.94	0.04	0.00
50.30	3.94	0.04	0.00	56.00	3.94	0.04	0.00
50.40	3.94	0.04	0.00	56.10	3.94	0.04	0.00
50.50	3.94	0.04	0.00	56.20	3.94	0.04	0.00
50.60	3.94	0.04	0.00	56.30	3.94	0.04	0.00
50.70	3.94	0.04	0.00	56.40	3.94	0.04	0.00
50.80	3.94	0.04	0.00	56.50	3.94	0.04	0.00
50.90	3.94	0.04	0.00	56.60	3.94	0.04	0.00
51.00	3.94	0.04	0.00	56.70	3.94	0.04	0.00
51.10	3.94	0.04	0.00	56.80	3.94	0.04	0.00
51.20	3.94	0.04	0.00	56.90	3.94	0.04	0.00

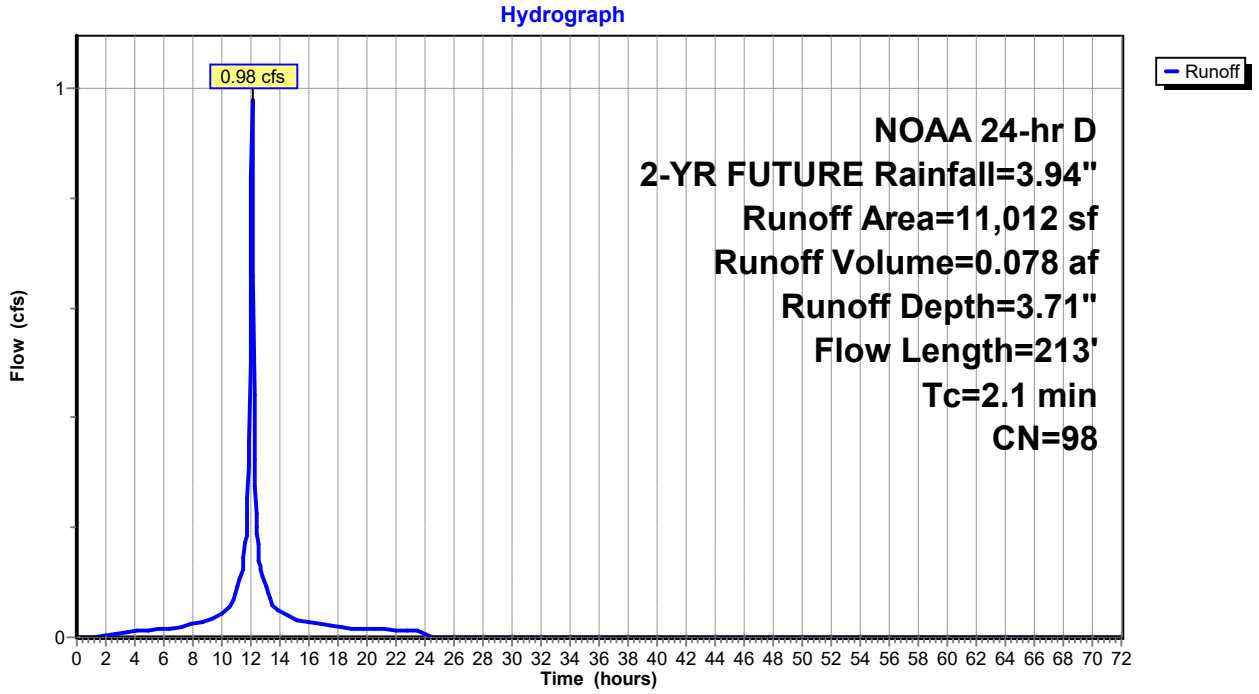
Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	3.94	0.04	0.00	62.70	3.94	0.04	0.00
57.10	3.94	0.04	0.00	62.80	3.94	0.04	0.00
57.20	3.94	0.04	0.00	62.90	3.94	0.04	0.00
57.30	3.94	0.04	0.00	63.00	3.94	0.04	0.00
57.40	3.94	0.04	0.00	63.10	3.94	0.04	0.00
57.50	3.94	0.04	0.00	63.20	3.94	0.04	0.00
57.60	3.94	0.04	0.00	63.30	3.94	0.04	0.00
57.70	3.94	0.04	0.00	63.40	3.94	0.04	0.00
57.80	3.94	0.04	0.00	63.50	3.94	0.04	0.00
57.90	3.94	0.04	0.00	63.60	3.94	0.04	0.00
58.00	3.94	0.04	0.00	63.70	3.94	0.04	0.00
58.10	3.94	0.04	0.00	63.80	3.94	0.04	0.00
58.20	3.94	0.04	0.00	63.90	3.94	0.04	0.00
58.30	3.94	0.04	0.00	64.00	3.94	0.04	0.00
58.40	3.94	0.04	0.00	64.10	3.94	0.04	0.00
58.50	3.94	0.04	0.00	64.20	3.94	0.04	0.00
58.60	3.94	0.04	0.00	64.30	3.94	0.04	0.00
58.70	3.94	0.04	0.00	64.40	3.94	0.04	0.00
58.80	3.94	0.04	0.00	64.50	3.94	0.04	0.00
58.90	3.94	0.04	0.00	64.60	3.94	0.04	0.00
59.00	3.94	0.04	0.00	64.70	3.94	0.04	0.00
59.10	3.94	0.04	0.00	64.80	3.94	0.04	0.00
59.20	3.94	0.04	0.00	64.90	3.94	0.04	0.00
59.30	3.94	0.04	0.00	65.00	3.94	0.04	0.00
59.40	3.94	0.04	0.00	65.10	3.94	0.04	0.00
59.50	3.94	0.04	0.00	65.20	3.94	0.04	0.00
59.60	3.94	0.04	0.00	65.30	3.94	0.04	0.00
59.70	3.94	0.04	0.00	65.40	3.94	0.04	0.00
59.80	3.94	0.04	0.00	65.50	3.94	0.04	0.00
59.90	3.94	0.04	0.00	65.60	3.94	0.04	0.00
60.00	3.94	0.04	0.00	65.70	3.94	0.04	0.00
60.10	3.94	0.04	0.00	65.80	3.94	0.04	0.00
60.20	3.94	0.04	0.00	65.90	3.94	0.04	0.00
60.30	3.94	0.04	0.00	66.00	3.94	0.04	0.00
60.40	3.94	0.04	0.00	66.10	3.94	0.04	0.00
60.50	3.94	0.04	0.00	66.20	3.94	0.04	0.00
60.60	3.94	0.04	0.00	66.30	3.94	0.04	0.00
60.70	3.94	0.04	0.00	66.40	3.94	0.04	0.00
60.80	3.94	0.04	0.00	66.50	3.94	0.04	0.00
60.90	3.94	0.04	0.00	66.60	3.94	0.04	0.00
61.00	3.94	0.04	0.00	66.70	3.94	0.04	0.00
61.10	3.94	0.04	0.00	66.80	3.94	0.04	0.00
61.20	3.94	0.04	0.00	66.90	3.94	0.04	0.00
61.30	3.94	0.04	0.00	67.00	3.94	0.04	0.00
61.40	3.94	0.04	0.00	67.10	3.94	0.04	0.00
61.50	3.94	0.04	0.00	67.20	3.94	0.04	0.00
61.60	3.94	0.04	0.00	67.30	3.94	0.04	0.00
61.70	3.94	0.04	0.00	67.40	3.94	0.04	0.00
61.80	3.94	0.04	0.00	67.50	3.94	0.04	0.00
61.90	3.94	0.04	0.00	67.60	3.94	0.04	0.00
62.00	3.94	0.04	0.00	67.70	3.94	0.04	0.00
62.10	3.94	0.04	0.00	67.80	3.94	0.04	0.00
62.20	3.94	0.04	0.00	67.90	3.94	0.04	0.00
62.30	3.94	0.04	0.00	68.00	3.94	0.04	0.00
62.40	3.94	0.04	0.00	68.10	3.94	0.04	0.00
62.50	3.94	0.04	0.00	68.20	3.94	0.04	0.00
62.60	3.94	0.04	0.00	68.30	3.94	0.04	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	3.94	0.04	0.00
68.50	3.94	0.04	0.00
68.60	3.94	0.04	0.00
68.70	3.94	0.04	0.00
68.80	3.94	0.04	0.00
68.90	3.94	0.04	0.00
69.00	3.94	0.04	0.00
69.10	3.94	0.04	0.00
69.20	3.94	0.04	0.00
69.30	3.94	0.04	0.00
69.40	3.94	0.04	0.00
69.50	3.94	0.04	0.00
69.60	3.94	0.04	0.00
69.70	3.94	0.04	0.00
69.80	3.94	0.04	0.00
69.90	3.94	0.04	0.00
70.00	3.94	0.04	0.00
70.10	3.94	0.04	0.00
70.20	3.94	0.04	0.00
70.30	3.94	0.04	0.00
70.40	3.94	0.04	0.00
70.50	3.94	0.04	0.00
70.60	3.94	0.04	0.00
70.70	3.94	0.04	0.00
70.80	3.94	0.04	0.00
70.90	3.94	0.04	0.00
71.00	3.94	0.04	0.00
71.10	3.94	0.04	0.00
71.20	3.94	0.04	0.00
71.30	3.94	0.04	0.00
71.40	3.94	0.04	0.00
71.50	3.94	0.04	0.00
71.60	3.94	0.04	0.00
71.70	3.94	0.04	0.00
71.80	3.94	0.04	0.00
71.90	3.94	0.04	0.00
72.00	3.94	0.04	0.00

Subcatchment 9S: PDA 2-Impervious



Hydrograph for Subcatchment 9S: PDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.32	0.16	0.01
0.10	0.00	0.00	0.00	5.80	0.32	0.16	0.01
0.20	0.01	0.00	0.00	5.90	0.33	0.17	0.01
0.30	0.01	0.00	0.00	6.00	0.34	0.17	0.01
0.40	0.02	0.00	0.00	6.10	0.34	0.18	0.02
0.50	0.02	0.00	0.00	6.20	0.35	0.19	0.02
0.60	0.03	0.00	0.00	6.30	0.36	0.19	0.02
0.70	0.03	0.00	0.00	6.40	0.37	0.20	0.02
0.80	0.04	0.00	0.00	6.50	0.37	0.21	0.02
0.90	0.04	0.00	0.00	6.60	0.38	0.21	0.02
1.00	0.05	0.00	0.00	6.70	0.39	0.22	0.02
1.10	0.05	0.00	0.00	6.80	0.40	0.23	0.02
1.20	0.05	0.00	0.00	6.90	0.41	0.23	0.02
1.30	0.06	0.00	0.00	7.00	0.42	0.24	0.02
1.40	0.06	0.00	0.00	7.10	0.42	0.25	0.02
1.50	0.07	0.00	0.00	7.20	0.43	0.26	0.02
1.60	0.07	0.00	0.00	7.30	0.44	0.27	0.02
1.70	0.08	0.01	0.00	7.40	0.45	0.27	0.02
1.80	0.08	0.01	0.00	7.50	0.46	0.28	0.02
1.90	0.09	0.01	0.00	7.60	0.47	0.29	0.02
2.00	0.09	0.01	0.00	7.70	0.48	0.30	0.02
2.10	0.10	0.01	0.01	7.80	0.49	0.31	0.02
2.20	0.11	0.02	0.01	7.90	0.50	0.32	0.02
2.30	0.11	0.02	0.01	8.00	0.51	0.33	0.02
2.40	0.12	0.02	0.01	8.10	0.52	0.34	0.02
2.50	0.12	0.02	0.01	8.20	0.53	0.35	0.02
2.60	0.13	0.03	0.01	8.30	0.54	0.36	0.03
2.70	0.13	0.03	0.01	8.40	0.55	0.37	0.03
2.80	0.14	0.03	0.01	8.50	0.57	0.38	0.03
2.90	0.14	0.03	0.01	8.60	0.58	0.39	0.03
3.00	0.15	0.04	0.01	8.70	0.59	0.40	0.03
3.10	0.15	0.04	0.01	8.80	0.60	0.41	0.03
3.20	0.16	0.04	0.01	8.90	0.61	0.42	0.03
3.30	0.17	0.05	0.01	9.00	0.63	0.43	0.03
3.40	0.17	0.05	0.01	9.10	0.64	0.44	0.03
3.50	0.18	0.05	0.01	9.20	0.65	0.46	0.03
3.60	0.18	0.06	0.01	9.30	0.67	0.47	0.03
3.70	0.19	0.06	0.01	9.40	0.68	0.48	0.03
3.80	0.19	0.07	0.01	9.50	0.70	0.50	0.04
3.90	0.20	0.07	0.01	9.60	0.71	0.51	0.04
4.00	0.21	0.07	0.01	9.70	0.73	0.53	0.04
4.10	0.21	0.08	0.01	9.80	0.74	0.55	0.04
4.20	0.22	0.08	0.01	9.90	0.76	0.56	0.04
4.30	0.23	0.09	0.01	10.00	0.78	0.58	0.04
4.40	0.23	0.09	0.01	10.10	0.80	0.60	0.05
4.50	0.24	0.10	0.01	10.20	0.82	0.62	0.05
4.60	0.24	0.10	0.01	10.30	0.84	0.64	0.05
4.70	0.25	0.11	0.01	10.40	0.86	0.66	0.05
4.80	0.26	0.11	0.01	10.50	0.88	0.68	0.05
4.90	0.26	0.12	0.01	10.60	0.91	0.70	0.06
5.00	0.27	0.12	0.01	10.70	0.93	0.73	0.06
5.10	0.28	0.13	0.01	10.80	0.96	0.75	0.07
5.20	0.28	0.13	0.01	10.90	0.99	0.78	0.08
5.30	0.29	0.14	0.01	11.00	1.02	0.81	0.08
5.40	0.30	0.14	0.01	11.10	1.06	0.85	0.09
5.50	0.30	0.15	0.01	11.20	1.10	0.89	0.10
5.60	0.31	0.15	0.01	11.30	1.15	0.93	0.11

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.20	0.98	0.12	17.10	3.53	3.30	0.02
11.50	1.25	1.03	0.13	17.20	3.54	3.31	0.02
11.60	1.32	1.10	0.17	17.30	3.55	3.32	0.02
11.70	1.40	1.18	0.19	17.40	3.56	3.32	0.02
11.80	1.50	1.28	0.25	17.50	3.57	3.33	0.02
11.90	1.64	1.42	0.35	17.60	3.57	3.34	0.02
12.00	1.89	1.66	0.60	17.70	3.58	3.35	0.02
12.10	2.30	2.07	**0.97**	17.80	3.59	3.36	0.02
12.20	2.44	2.21	0.44	17.90	3.60	3.36	0.02
12.30	2.54	2.32	0.27	18.00	3.60	3.37	0.02
12.40	2.62	2.39	0.20	18.10	3.61	3.38	0.02
12.50	2.69	2.46	0.18	18.20	3.62	3.38	0.02
12.60	2.74	2.51	0.14	18.30	3.62	3.39	0.02
12.70	2.79	2.56	0.13	18.40	3.63	3.40	0.02
12.80	2.84	2.61	0.12	18.50	3.64	3.40	0.02
12.90	2.88	2.65	0.10	18.60	3.64	3.41	0.02
13.00	2.92	2.68	0.09	18.70	3.65	3.42	0.02
13.10	2.95	2.72	0.08	18.80	3.66	3.42	0.02
13.20	2.98	2.75	0.08	18.90	3.66	3.43	0.02
13.30	3.01	2.78	0.07	19.00	3.67	3.44	0.02
13.40	3.03	2.80	0.07	19.10	3.68	3.44	0.02
13.50	3.06	2.83	0.06	19.20	3.68	3.45	0.02
13.60	3.08	2.85	0.06	19.30	3.69	3.46	0.02
13.70	3.10	2.87	0.05	19.40	3.70	3.46	0.02
13.80	3.12	2.89	0.05	19.50	3.70	3.47	0.02
13.90	3.14	2.91	0.05	19.60	3.71	3.47	0.02
14.00	3.16	2.93	0.05	19.70	3.71	3.48	0.02
14.10	3.18	2.94	0.05	19.80	3.72	3.49	0.02
14.20	3.20	2.96	0.05	19.90	3.73	3.49	0.02
14.30	3.21	2.98	0.04	20.00	3.73	3.50	0.02
14.40	3.23	3.00	0.04	20.10	3.74	3.51	0.02
14.50	3.24	3.01	0.04	20.20	3.75	3.51	0.02
14.60	3.26	3.03	0.04	20.30	3.75	3.52	0.02
14.70	3.27	3.04	0.04	20.40	3.76	3.52	0.02
14.80	3.29	3.06	0.04	20.50	3.76	3.53	0.01
14.90	3.30	3.07	0.03	20.60	3.77	3.53	0.01
15.00	3.31	3.08	0.03	20.70	3.77	3.54	0.01
15.10	3.33	3.09	0.03	20.80	3.78	3.55	0.01
15.20	3.34	3.11	0.03	20.90	3.79	3.55	0.01
15.30	3.35	3.12	0.03	21.00	3.79	3.56	0.01
15.40	3.36	3.13	0.03	21.10	3.80	3.56	0.01
15.50	3.37	3.14	0.03	21.20	3.80	3.57	0.01
15.60	3.39	3.15	0.03	21.30	3.81	3.57	0.01
15.70	3.40	3.16	0.03	21.40	3.81	3.58	0.01
15.80	3.41	3.17	0.03	21.50	3.82	3.58	0.01
15.90	3.42	3.18	0.03	21.60	3.82	3.59	0.01
16.00	3.43	3.20	0.03	21.70	3.83	3.60	0.01
16.10	3.44	3.21	0.03	21.80	3.83	3.60	0.01
16.20	3.45	3.22	0.03	21.90	3.84	3.61	0.01
16.30	3.46	3.23	0.03	22.00	3.85	3.61	0.01
16.40	3.47	3.24	0.03	22.10	3.85	3.62	0.01
16.50	3.48	3.25	0.02	22.20	3.86	3.62	0.01
16.60	3.49	3.26	0.02	22.30	3.86	3.63	0.01
16.70	3.50	3.26	0.02	22.40	3.87	3.63	0.01
16.80	3.51	3.27	0.02	22.50	3.87	3.64	0.01
16.90	3.52	3.28	0.02	22.60	3.88	3.64	0.01
17.00	3.52	3.29	0.02	22.70	3.88	3.65	0.01

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	3.89	3.65	0.01	28.50	3.94	3.71	0.00
22.90	3.89	3.66	0.01	28.60	3.94	3.71	0.00
23.00	3.89	3.66	0.01	28.70	3.94	3.71	0.00
23.10	3.90	3.66	0.01	28.80	3.94	3.71	0.00
23.20	3.90	3.67	0.01	28.90	3.94	3.71	0.00
23.30	3.91	3.67	0.01	29.00	3.94	3.71	0.00
23.40	3.91	3.68	0.01	29.10	3.94	3.71	0.00
23.50	3.92	3.68	0.01	29.20	3.94	3.71	0.00
23.60	3.92	3.69	0.01	29.30	3.94	3.71	0.00
23.70	3.93	3.69	0.01	29.40	3.94	3.71	0.00
23.80	3.93	3.70	0.01	29.50	3.94	3.71	0.00
23.90	3.94	3.70	0.01	29.60	3.94	3.71	0.00
24.00	**3.94**	**3.71**	0.01	29.70	3.94	3.71	0.00
24.10	3.94	3.71	0.00	29.80	3.94	3.71	0.00
24.20	3.94	3.71	0.00	29.90	3.94	3.71	0.00
24.30	3.94	3.71	0.00	30.00	3.94	3.71	0.00
24.40	3.94	3.71	0.00	30.10	3.94	3.71	0.00
24.50	3.94	3.71	0.00	30.20	3.94	3.71	0.00
24.60	3.94	3.71	0.00	30.30	3.94	3.71	0.00
24.70	3.94	3.71	0.00	30.40	3.94	3.71	0.00
24.80	3.94	3.71	0.00	30.50	3.94	3.71	0.00
24.90	3.94	3.71	0.00	30.60	3.94	3.71	0.00
25.00	3.94	3.71	0.00	30.70	3.94	3.71	0.00
25.10	3.94	3.71	0.00	30.80	3.94	3.71	0.00
25.20	3.94	3.71	0.00	30.90	3.94	3.71	0.00
25.30	3.94	3.71	0.00	31.00	3.94	3.71	0.00
25.40	3.94	3.71	0.00	31.10	3.94	3.71	0.00
25.50	3.94	3.71	0.00	31.20	3.94	3.71	0.00
25.60	3.94	3.71	0.00	31.30	3.94	3.71	0.00
25.70	3.94	3.71	0.00	31.40	3.94	3.71	0.00
25.80	3.94	3.71	0.00	31.50	3.94	3.71	0.00
25.90	3.94	3.71	0.00	31.60	3.94	3.71	0.00
26.00	3.94	3.71	0.00	31.70	3.94	3.71	0.00
26.10	3.94	3.71	0.00	31.80	3.94	3.71	0.00
26.20	3.94	3.71	0.00	31.90	3.94	3.71	0.00
26.30	3.94	3.71	0.00	32.00	3.94	3.71	0.00
26.40	3.94	3.71	0.00	32.10	3.94	3.71	0.00
26.50	3.94	3.71	0.00	32.20	3.94	3.71	0.00
26.60	3.94	3.71	0.00	32.30	3.94	3.71	0.00
26.70	3.94	3.71	0.00	32.40	3.94	3.71	0.00
26.80	3.94	3.71	0.00	32.50	3.94	3.71	0.00
26.90	3.94	3.71	0.00	32.60	3.94	3.71	0.00
27.00	3.94	3.71	0.00	32.70	3.94	3.71	0.00
27.10	3.94	3.71	0.00	32.80	3.94	3.71	0.00
27.20	3.94	3.71	0.00	32.90	3.94	3.71	0.00
27.30	3.94	3.71	0.00	33.00	3.94	3.71	0.00
27.40	3.94	3.71	0.00	33.10	3.94	3.71	0.00
27.50	3.94	3.71	0.00	33.20	3.94	3.71	0.00
27.60	3.94	3.71	0.00	33.30	3.94	3.71	0.00
27.70	3.94	3.71	0.00	33.40	3.94	3.71	0.00
27.80	3.94	3.71	0.00	33.50	3.94	3.71	0.00
27.90	3.94	3.71	0.00	33.60	3.94	3.71	0.00
28.00	3.94	3.71	0.00	33.70	3.94	3.71	0.00
28.10	3.94	3.71	0.00	33.80	3.94	3.71	0.00
28.20	3.94	3.71	0.00	33.90	3.94	3.71	0.00
28.30	3.94	3.71	0.00	34.00	3.94	3.71	0.00
28.40	3.94	3.71	0.00	34.10	3.94	3.71	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	3.94	3.71	0.00	39.90	3.94	3.71	0.00
34.30	3.94	3.71	0.00	40.00	3.94	3.71	0.00
34.40	3.94	3.71	0.00	40.10	3.94	3.71	0.00
34.50	3.94	3.71	0.00	40.20	3.94	3.71	0.00
34.60	3.94	3.71	0.00	40.30	3.94	3.71	0.00
34.70	3.94	3.71	0.00	40.40	3.94	3.71	0.00
34.80	3.94	3.71	0.00	40.50	3.94	3.71	0.00
34.90	3.94	3.71	0.00	40.60	3.94	3.71	0.00
35.00	3.94	3.71	0.00	40.70	3.94	3.71	0.00
35.10	3.94	3.71	0.00	40.80	3.94	3.71	0.00
35.20	3.94	3.71	0.00	40.90	3.94	3.71	0.00
35.30	3.94	3.71	0.00	41.00	3.94	3.71	0.00
35.40	3.94	3.71	0.00	41.10	3.94	3.71	0.00
35.50	3.94	3.71	0.00	41.20	3.94	3.71	0.00
35.60	3.94	3.71	0.00	41.30	3.94	3.71	0.00
35.70	3.94	3.71	0.00	41.40	3.94	3.71	0.00
35.80	3.94	3.71	0.00	41.50	3.94	3.71	0.00
35.90	3.94	3.71	0.00	41.60	3.94	3.71	0.00
36.00	3.94	3.71	0.00	41.70	3.94	3.71	0.00
36.10	3.94	3.71	0.00	41.80	3.94	3.71	0.00
36.20	3.94	3.71	0.00	41.90	3.94	3.71	0.00
36.30	3.94	3.71	0.00	42.00	3.94	3.71	0.00
36.40	3.94	3.71	0.00	42.10	3.94	3.71	0.00
36.50	3.94	3.71	0.00	42.20	3.94	3.71	0.00
36.60	3.94	3.71	0.00	42.30	3.94	3.71	0.00
36.70	3.94	3.71	0.00	42.40	3.94	3.71	0.00
36.80	3.94	3.71	0.00	42.50	3.94	3.71	0.00
36.90	3.94	3.71	0.00	42.60	3.94	3.71	0.00
37.00	3.94	3.71	0.00	42.70	3.94	3.71	0.00
37.10	3.94	3.71	0.00	42.80	3.94	3.71	0.00
37.20	3.94	3.71	0.00	42.90	3.94	3.71	0.00
37.30	3.94	3.71	0.00	43.00	3.94	3.71	0.00
37.40	3.94	3.71	0.00	43.10	3.94	3.71	0.00
37.50	3.94	3.71	0.00	43.20	3.94	3.71	0.00
37.60	3.94	3.71	0.00	43.30	3.94	3.71	0.00
37.70	3.94	3.71	0.00	43.40	3.94	3.71	0.00
37.80	3.94	3.71	0.00	43.50	3.94	3.71	0.00
37.90	3.94	3.71	0.00	43.60	3.94	3.71	0.00
38.00	3.94	3.71	0.00	43.70	3.94	3.71	0.00
38.10	3.94	3.71	0.00	43.80	3.94	3.71	0.00
38.20	3.94	3.71	0.00	43.90	3.94	3.71	0.00
38.30	3.94	3.71	0.00	44.00	3.94	3.71	0.00
38.40	3.94	3.71	0.00	44.10	3.94	3.71	0.00
38.50	3.94	3.71	0.00	44.20	3.94	3.71	0.00
38.60	3.94	3.71	0.00	44.30	3.94	3.71	0.00
38.70	3.94	3.71	0.00	44.40	3.94	3.71	0.00
38.80	3.94	3.71	0.00	44.50	3.94	3.71	0.00
38.90	3.94	3.71	0.00	44.60	3.94	3.71	0.00
39.00	3.94	3.71	0.00	44.70	3.94	3.71	0.00
39.10	3.94	3.71	0.00	44.80	3.94	3.71	0.00
39.20	3.94	3.71	0.00	44.90	3.94	3.71	0.00
39.30	3.94	3.71	0.00	45.00	3.94	3.71	0.00
39.40	3.94	3.71	0.00	45.10	3.94	3.71	0.00
39.50	3.94	3.71	0.00	45.20	3.94	3.71	0.00
39.60	3.94	3.71	0.00	45.30	3.94	3.71	0.00
39.70	3.94	3.71	0.00	45.40	3.94	3.71	0.00
39.80	3.94	3.71	0.00	45.50	3.94	3.71	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	3.94	3.71	0.00	51.30	3.94	3.71	0.00
45.70	3.94	3.71	0.00	51.40	3.94	3.71	0.00
45.80	3.94	3.71	0.00	51.50	3.94	3.71	0.00
45.90	3.94	3.71	0.00	51.60	3.94	3.71	0.00
46.00	3.94	3.71	0.00	51.70	3.94	3.71	0.00
46.10	3.94	3.71	0.00	51.80	3.94	3.71	0.00
46.20	3.94	3.71	0.00	51.90	3.94	3.71	0.00
46.30	3.94	3.71	0.00	52.00	3.94	3.71	0.00
46.40	3.94	3.71	0.00	52.10	3.94	3.71	0.00
46.50	3.94	3.71	0.00	52.20	3.94	3.71	0.00
46.60	3.94	3.71	0.00	52.30	3.94	3.71	0.00
46.70	3.94	3.71	0.00	52.40	3.94	3.71	0.00
46.80	3.94	3.71	0.00	52.50	3.94	3.71	0.00
46.90	3.94	3.71	0.00	52.60	3.94	3.71	0.00
47.00	3.94	3.71	0.00	52.70	3.94	3.71	0.00
47.10	3.94	3.71	0.00	52.80	3.94	3.71	0.00
47.20	3.94	3.71	0.00	52.90	3.94	3.71	0.00
47.30	3.94	3.71	0.00	53.00	3.94	3.71	0.00
47.40	3.94	3.71	0.00	53.10	3.94	3.71	0.00
47.50	3.94	3.71	0.00	53.20	3.94	3.71	0.00
47.60	3.94	3.71	0.00	53.30	3.94	3.71	0.00
47.70	3.94	3.71	0.00	53.40	3.94	3.71	0.00
47.80	3.94	3.71	0.00	53.50	3.94	3.71	0.00
47.90	3.94	3.71	0.00	53.60	3.94	3.71	0.00
48.00	3.94	3.71	0.00	53.70	3.94	3.71	0.00
48.10	3.94	3.71	0.00	53.80	3.94	3.71	0.00
48.20	3.94	3.71	0.00	53.90	3.94	3.71	0.00
48.30	3.94	3.71	0.00	54.00	3.94	3.71	0.00
48.40	3.94	3.71	0.00	54.10	3.94	3.71	0.00
48.50	3.94	3.71	0.00	54.20	3.94	3.71	0.00
48.60	3.94	3.71	0.00	54.30	3.94	3.71	0.00
48.70	3.94	3.71	0.00	54.40	3.94	3.71	0.00
48.80	3.94	3.71	0.00	54.50	3.94	3.71	0.00
48.90	3.94	3.71	0.00	54.60	3.94	3.71	0.00
49.00	3.94	3.71	0.00	54.70	3.94	3.71	0.00
49.10	3.94	3.71	0.00	54.80	3.94	3.71	0.00
49.20	3.94	3.71	0.00	54.90	3.94	3.71	0.00
49.30	3.94	3.71	0.00	55.00	3.94	3.71	0.00
49.40	3.94	3.71	0.00	55.10	3.94	3.71	0.00
49.50	3.94	3.71	0.00	55.20	3.94	3.71	0.00
49.60	3.94	3.71	0.00	55.30	3.94	3.71	0.00
49.70	3.94	3.71	0.00	55.40	3.94	3.71	0.00
49.80	3.94	3.71	0.00	55.50	3.94	3.71	0.00
49.90	3.94	3.71	0.00	55.60	3.94	3.71	0.00
50.00	3.94	3.71	0.00	55.70	3.94	3.71	0.00
50.10	3.94	3.71	0.00	55.80	3.94	3.71	0.00
50.20	3.94	3.71	0.00	55.90	3.94	3.71	0.00
50.30	3.94	3.71	0.00	56.00	3.94	3.71	0.00
50.40	3.94	3.71	0.00	56.10	3.94	3.71	0.00
50.50	3.94	3.71	0.00	56.20	3.94	3.71	0.00
50.60	3.94	3.71	0.00	56.30	3.94	3.71	0.00
50.70	3.94	3.71	0.00	56.40	3.94	3.71	0.00
50.80	3.94	3.71	0.00	56.50	3.94	3.71	0.00
50.90	3.94	3.71	0.00	56.60	3.94	3.71	0.00
51.00	3.94	3.71	0.00	56.70	3.94	3.71	0.00
51.10	3.94	3.71	0.00	56.80	3.94	3.71	0.00
51.20	3.94	3.71	0.00	56.90	3.94	3.71	0.00

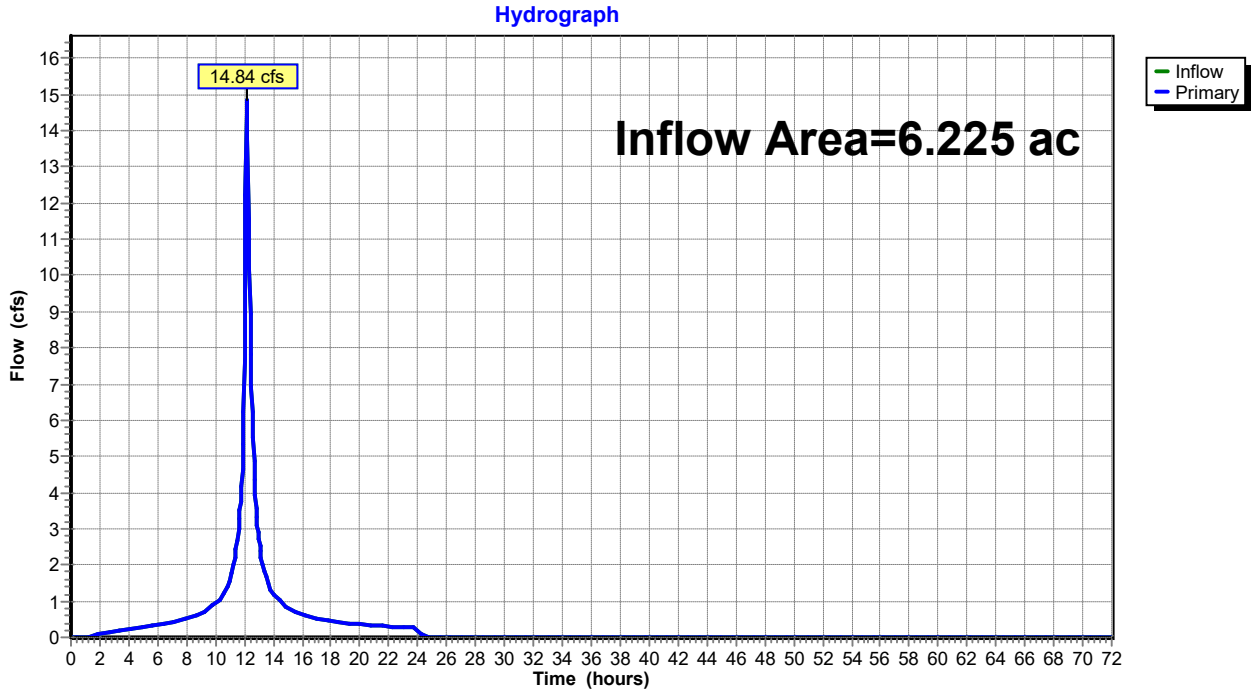
Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	3.94	3.71	0.00	62.70	3.94	3.71	0.00
57.10	3.94	3.71	0.00	62.80	3.94	3.71	0.00
57.20	3.94	3.71	0.00	62.90	3.94	3.71	0.00
57.30	3.94	3.71	0.00	63.00	3.94	3.71	0.00
57.40	3.94	3.71	0.00	63.10	3.94	3.71	0.00
57.50	3.94	3.71	0.00	63.20	3.94	3.71	0.00
57.60	3.94	3.71	0.00	63.30	3.94	3.71	0.00
57.70	3.94	3.71	0.00	63.40	3.94	3.71	0.00
57.80	3.94	3.71	0.00	63.50	3.94	3.71	0.00
57.90	3.94	3.71	0.00	63.60	3.94	3.71	0.00
58.00	3.94	3.71	0.00	63.70	3.94	3.71	0.00
58.10	3.94	3.71	0.00	63.80	3.94	3.71	0.00
58.20	3.94	3.71	0.00	63.90	3.94	3.71	0.00
58.30	3.94	3.71	0.00	64.00	3.94	3.71	0.00
58.40	3.94	3.71	0.00	64.10	3.94	3.71	0.00
58.50	3.94	3.71	0.00	64.20	3.94	3.71	0.00
58.60	3.94	3.71	0.00	64.30	3.94	3.71	0.00
58.70	3.94	3.71	0.00	64.40	3.94	3.71	0.00
58.80	3.94	3.71	0.00	64.50	3.94	3.71	0.00
58.90	3.94	3.71	0.00	64.60	3.94	3.71	0.00
59.00	3.94	3.71	0.00	64.70	3.94	3.71	0.00
59.10	3.94	3.71	0.00	64.80	3.94	3.71	0.00
59.20	3.94	3.71	0.00	64.90	3.94	3.71	0.00
59.30	3.94	3.71	0.00	65.00	3.94	3.71	0.00
59.40	3.94	3.71	0.00	65.10	3.94	3.71	0.00
59.50	3.94	3.71	0.00	65.20	3.94	3.71	0.00
59.60	3.94	3.71	0.00	65.30	3.94	3.71	0.00
59.70	3.94	3.71	0.00	65.40	3.94	3.71	0.00
59.80	3.94	3.71	0.00	65.50	3.94	3.71	0.00
59.90	3.94	3.71	0.00	65.60	3.94	3.71	0.00
60.00	3.94	3.71	0.00	65.70	3.94	3.71	0.00
60.10	3.94	3.71	0.00	65.80	3.94	3.71	0.00
60.20	3.94	3.71	0.00	65.90	3.94	3.71	0.00
60.30	3.94	3.71	0.00	66.00	3.94	3.71	0.00
60.40	3.94	3.71	0.00	66.10	3.94	3.71	0.00
60.50	3.94	3.71	0.00	66.20	3.94	3.71	0.00
60.60	3.94	3.71	0.00	66.30	3.94	3.71	0.00
60.70	3.94	3.71	0.00	66.40	3.94	3.71	0.00
60.80	3.94	3.71	0.00	66.50	3.94	3.71	0.00
60.90	3.94	3.71	0.00	66.60	3.94	3.71	0.00
61.00	3.94	3.71	0.00	66.70	3.94	3.71	0.00
61.10	3.94	3.71	0.00	66.80	3.94	3.71	0.00
61.20	3.94	3.71	0.00	66.90	3.94	3.71	0.00
61.30	3.94	3.71	0.00	67.00	3.94	3.71	0.00
61.40	3.94	3.71	0.00	67.10	3.94	3.71	0.00
61.50	3.94	3.71	0.00	67.20	3.94	3.71	0.00
61.60	3.94	3.71	0.00	67.30	3.94	3.71	0.00
61.70	3.94	3.71	0.00	67.40	3.94	3.71	0.00
61.80	3.94	3.71	0.00	67.50	3.94	3.71	0.00
61.90	3.94	3.71	0.00	67.60	3.94	3.71	0.00
62.00	3.94	3.71	0.00	67.70	3.94	3.71	0.00
62.10	3.94	3.71	0.00	67.80	3.94	3.71	0.00
62.20	3.94	3.71	0.00	67.90	3.94	3.71	0.00
62.30	3.94	3.71	0.00	68.00	3.94	3.71	0.00
62.40	3.94	3.71	0.00	68.10	3.94	3.71	0.00
62.50	3.94	3.71	0.00	68.20	3.94	3.71	0.00
62.60	3.94	3.71	0.00	68.30	3.94	3.71	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	3.94	3.71	0.00
68.50	3.94	3.71	0.00
68.60	3.94	3.71	0.00
68.70	3.94	3.71	0.00
68.80	3.94	3.71	0.00
68.90	3.94	3.71	0.00
69.00	3.94	3.71	0.00
69.10	3.94	3.71	0.00
69.20	3.94	3.71	0.00
69.30	3.94	3.71	0.00
69.40	3.94	3.71	0.00
69.50	3.94	3.71	0.00
69.60	3.94	3.71	0.00
69.70	3.94	3.71	0.00
69.80	3.94	3.71	0.00
69.90	3.94	3.71	0.00
70.00	3.94	3.71	0.00
70.10	3.94	3.71	0.00
70.20	3.94	3.71	0.00
70.30	3.94	3.71	0.00
70.40	3.94	3.71	0.00
70.50	3.94	3.71	0.00
70.60	3.94	3.71	0.00
70.70	3.94	3.71	0.00
70.80	3.94	3.71	0.00
70.90	3.94	3.71	0.00
71.00	3.94	3.71	0.00
71.10	3.94	3.71	0.00
71.20	3.94	3.71	0.00
71.30	3.94	3.71	0.00
71.40	3.94	3.71	0.00
71.50	3.94	3.71	0.00
71.60	3.94	3.71	0.00
71.70	3.94	3.71	0.00
71.80	3.94	3.71	0.00
71.90	3.94	3.71	0.00
72.00	3.94	3.71	0.00

Link 8L: POA-1


Hydrograph
14.84 cfs
Inflow Area=6.225 ac
Inflow
Primary
Flow (cfs)
Time (hours)

Hydrograph for Link 8L: POA-1

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.31	0.00	0.31
0.10	0.00	0.00	0.00	5.80	0.32	0.00	0.32
0.20	0.00	0.00	0.00	5.90	0.32	0.00	0.32
0.30	0.00	0.00	0.00	6.00	0.33	0.00	0.33
0.40	0.00	0.00	0.00	6.10	0.33	0.00	0.33
0.50	0.00	0.00	0.00	6.20	0.34	0.00	0.34
0.60	0.00	0.00	0.00	6.30	0.35	0.00	0.35
0.70	0.00	0.00	0.00	6.40	0.36	0.00	0.36
0.80	0.00	0.00	0.00	6.50	0.37	0.00	0.37
0.90	0.00	0.00	0.00	6.60	0.38	0.00	0.38
1.00	0.00	0.00	0.00	6.70	0.39	0.00	0.39
1.10	0.00	0.00	0.00	6.80	0.40	0.00	0.40
1.20	0.01	0.00	0.01	6.90	0.41	0.00	0.41
1.30	0.02	0.00	0.02	7.00	0.42	0.00	0.42
1.40	0.03	0.00	0.03	7.10	0.43	0.00	0.43
1.50	0.04	0.00	0.04	7.20	0.44	0.00	0.44
1.60	0.05	0.00	0.05	7.30	0.45	0.00	0.45
1.70	0.06	0.00	0.06	7.40	0.47	0.00	0.47
1.80	0.07	0.00	0.07	7.50	0.48	0.00	0.48
1.90	0.08	0.00	0.08	7.60	0.49	0.00	0.49
2.00	0.09	0.00	0.09	7.70	0.50	0.00	0.50
2.10	0.10	0.00	0.10	7.80	0.51	0.00	0.51
2.20	0.11	0.00	0.11	7.90	0.52	0.00	0.52
2.30	0.12	0.00	0.12	8.00	0.53	0.00	0.53
2.40	0.13	0.00	0.13	8.10	0.54	0.00	0.54
2.50	0.13	0.00	0.13	8.20	0.55	0.00	0.55
2.60	0.14	0.00	0.14	8.30	0.56	0.00	0.56
2.70	0.15	0.00	0.15	8.40	0.58	0.00	0.58
2.80	0.16	0.00	0.16	8.50	0.59	0.00	0.59
2.90	0.16	0.00	0.16	8.60	0.60	0.00	0.60
3.00	0.17	0.00	0.17	8.70	0.61	0.00	0.61
3.10	0.18	0.00	0.18	8.80	0.62	0.00	0.62
3.20	0.18	0.00	0.18	8.90	0.63	0.00	0.63
3.30	0.19	0.00	0.19	9.00	0.64	0.00	0.64
3.40	0.20	0.00	0.20	9.10	0.66	0.00	0.66
3.50	0.20	0.00	0.20	9.20	0.68	0.00	0.68
3.60	0.21	0.00	0.21	9.30	0.71	0.00	0.71
3.70	0.22	0.00	0.22	9.40	0.74	0.00	0.74
3.80	0.22	0.00	0.22	9.50	0.78	0.00	0.78
3.90	0.23	0.00	0.23	9.60	0.81	0.00	0.81
4.00	0.23	0.00	0.23	9.70	0.85	0.00	0.85
4.10	0.24	0.00	0.24	9.80	0.88	0.00	0.88
4.20	0.24	0.00	0.24	9.90	0.92	0.00	0.92
4.30	0.25	0.00	0.25	10.00	0.96	0.00	0.96
4.40	0.25	0.00	0.25	10.10	0.99	0.00	0.99
4.50	0.26	0.00	0.26	10.20	1.03	0.00	1.03
4.60	0.26	0.00	0.26	10.30	1.07	0.00	1.07
4.70	0.27	0.00	0.27	10.40	1.10	0.00	1.10
4.80	0.27	0.00	0.27	10.50	1.14	0.00	1.14
4.90	0.28	0.00	0.28	10.60	1.19	0.00	1.19
5.00	0.28	0.00	0.28	10.70	1.28	0.00	1.28
5.10	0.29	0.00	0.29	10.80	1.39	0.00	1.39
5.20	0.29	0.00	0.29	10.90	1.51	0.00	1.51
5.30	0.30	0.00	0.30	11.00	1.63	0.00	1.63
5.40	0.30	0.00	0.30	11.10	1.78	0.00	1.78
5.50	0.31	0.00	0.31	11.20	1.96	0.00	1.96
5.60	0.31	0.00	0.31	11.30	2.16	0.00	2.16

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	2.38	0.00	2.38	17.10	0.53	0.00	0.53
11.50	2.61	0.00	2.61	17.20	0.51	0.00	0.51
11.60	2.98	0.00	2.98	17.30	0.50	0.00	0.50
11.70	3.50	0.00	3.50	17.40	0.49	0.00	0.49
11.80	4.15	0.00	4.15	17.50	0.48	0.00	0.48
11.90	5.33	0.00	5.33	17.60	0.47	0.00	0.47
12.00	7.66	0.00	7.66	17.70	0.46	0.00	0.46
12.10	**12.21**	0.00	**12.21**	17.80	0.45	0.00	0.45
12.20	**14.54**	0.00	**14.54**	17.90	0.44	0.00	0.44
12.30	11.58	0.00	11.58	18.00	0.43	0.00	0.43
12.40	8.93	0.00	8.93	18.10	0.42	0.00	0.42
12.50	6.95	0.00	6.95	18.20	0.41	0.00	0.41
12.60	5.52	0.00	5.52	18.30	0.41	0.00	0.41
12.70	4.34	0.00	4.34	18.40	0.40	0.00	0.40
12.80	3.58	0.00	3.58	18.50	0.40	0.00	0.40
12.90	3.08	0.00	3.08	18.60	0.40	0.00	0.40
13.00	2.70	0.00	2.70	18.70	0.39	0.00	0.39
13.10	2.39	0.00	2.39	18.80	0.39	0.00	0.39
13.20	2.14	0.00	2.14	18.90	0.39	0.00	0.39
13.30	1.95	0.00	1.95	19.00	0.39	0.00	0.39
13.40	1.79	0.00	1.79	19.10	0.38	0.00	0.38
13.50	1.64	0.00	1.64	19.20	0.38	0.00	0.38
13.60	1.50	0.00	1.50	19.30	0.38	0.00	0.38
13.70	1.38	0.00	1.38	19.40	0.38	0.00	0.38
13.80	1.30	0.00	1.30	19.50	0.37	0.00	0.37
13.90	1.24	0.00	1.24	19.60	0.37	0.00	0.37
14.00	1.19	0.00	1.19	19.70	0.37	0.00	0.37
14.10	1.14	0.00	1.14	19.80	0.37	0.00	0.37
14.20	1.10	0.00	1.10	19.90	0.36	0.00	0.36
14.30	1.07	0.00	1.07	20.00	0.36	0.00	0.36
14.40	1.03	0.00	1.03	20.10	0.36	0.00	0.36
14.50	0.99	0.00	0.99	20.20	0.36	0.00	0.36
14.60	0.96	0.00	0.96	20.30	0.35	0.00	0.35
14.70	0.92	0.00	0.92	20.40	0.35	0.00	0.35
14.80	0.89	0.00	0.89	20.50	0.35	0.00	0.35
14.90	0.85	0.00	0.85	20.60	0.34	0.00	0.34
15.00	0.81	0.00	0.81	20.70	0.34	0.00	0.34
15.10	0.78	0.00	0.78	20.80	0.34	0.00	0.34
15.20	0.74	0.00	0.74	20.90	0.34	0.00	0.34
15.30	0.72	0.00	0.72	21.00	0.33	0.00	0.33
15.40	0.71	0.00	0.71	21.10	0.33	0.00	0.33
15.50	0.69	0.00	0.69	21.20	0.33	0.00	0.33
15.60	0.68	0.00	0.68	21.30	0.33	0.00	0.33
15.70	0.67	0.00	0.67	21.40	0.32	0.00	0.32
15.80	0.66	0.00	0.66	21.50	0.32	0.00	0.32
15.90	0.65	0.00	0.65	21.60	0.32	0.00	0.32
16.00	0.64	0.00	0.64	21.70	0.32	0.00	0.32
16.10	0.63	0.00	0.63	21.80	0.31	0.00	0.31
16.20	0.62	0.00	0.62	21.90	0.31	0.00	0.31
16.30	0.61	0.00	0.61	22.00	0.31	0.00	0.31
16.40	0.60	0.00	0.60	22.10	0.31	0.00	0.31
16.50	0.59	0.00	0.59	22.20	0.30	0.00	0.30
16.60	0.58	0.00	0.58	22.30	0.30	0.00	0.30
16.70	0.57	0.00	0.57	22.40	0.30	0.00	0.30
16.80	0.56	0.00	0.56	22.50	0.30	0.00	0.30
16.90	0.55	0.00	0.55	22.60	0.29	0.00	0.29
17.00	0.54	0.00	0.54	22.70	0.29	0.00	0.29

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.29	0.00	0.29	28.50	0.00	0.00	0.00
22.90	0.29	0.00	0.29	28.60	0.00	0.00	0.00
23.00	0.28	0.00	0.28	28.70	0.00	0.00	0.00
23.10	0.28	0.00	0.28	28.80	0.00	0.00	0.00
23.20	0.28	0.00	0.28	28.90	0.00	0.00	0.00
23.30	0.28	0.00	0.28	29.00	0.00	0.00	0.00
23.40	0.27	0.00	0.27	29.10	0.00	0.00	0.00
23.50	0.27	0.00	0.27	29.20	0.00	0.00	0.00
23.60	0.27	0.00	0.27	29.30	0.00	0.00	0.00
23.70	0.27	0.00	0.27	29.40	0.00	0.00	0.00
23.80	0.26	0.00	0.26	29.50	0.00	0.00	0.00
23.90	0.26	0.00	0.26	29.60	0.00	0.00	0.00
24.00	0.26	0.00	0.26	29.70	0.00	0.00	0.00
24.10	0.21	0.00	0.21	29.80	0.00	0.00	0.00
24.20	0.12	0.00	0.12	29.90	0.00	0.00	0.00
24.30	0.07	0.00	0.07	30.00	0.00	0.00	0.00
24.40	0.04	0.00	0.04	30.10	0.00	0.00	0.00
24.50	0.02	0.00	0.02	30.20	0.00	0.00	0.00
24.60	0.01	0.00	0.01	30.30	0.00	0.00	0.00
24.70	0.00	0.00	0.00	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

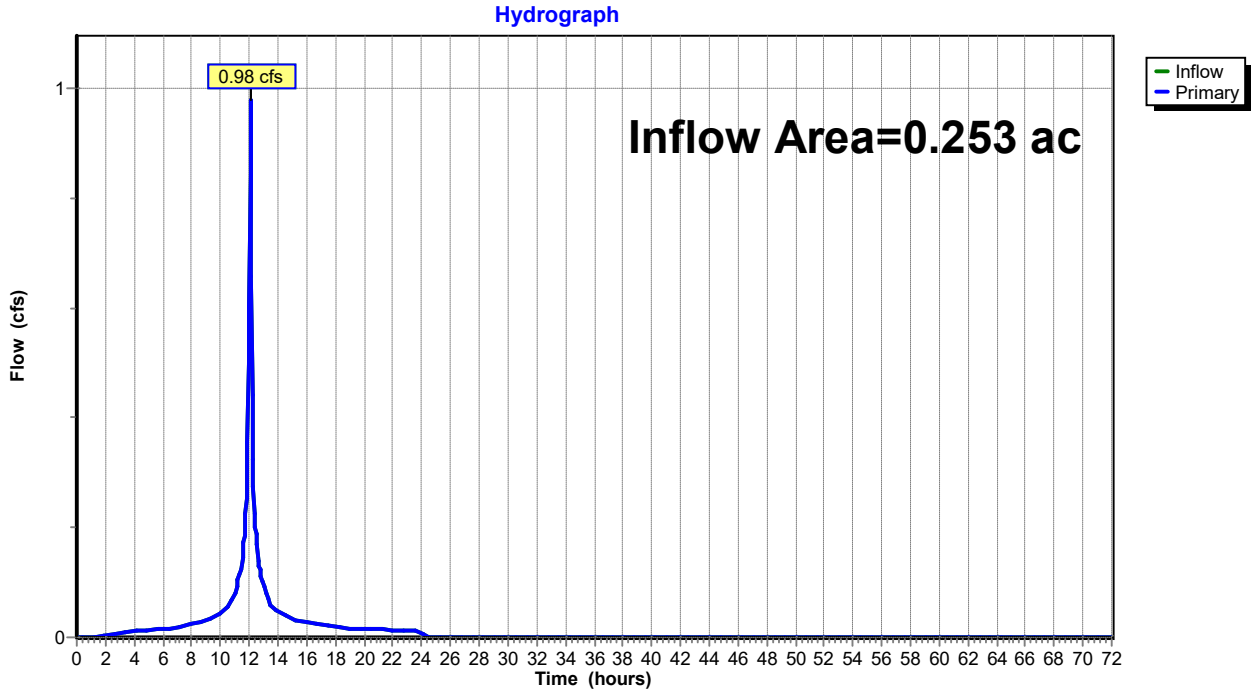
Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Link 10L: POA-2



Hydrograph for Link 10L: POA-2

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.01	0.00	0.01
0.10	0.00	0.00	0.00	5.80	0.01	0.00	0.01
0.20	0.00	0.00	0.00	5.90	0.01	0.00	0.01
0.30	0.00	0.00	0.00	6.00	0.01	0.00	0.01
0.40	0.00	0.00	0.00	6.10	0.02	0.00	0.02
0.50	0.00	0.00	0.00	6.20	0.02	0.00	0.02
0.60	0.00	0.00	0.00	6.30	0.02	0.00	0.02
0.70	0.00	0.00	0.00	6.40	0.02	0.00	0.02
0.80	0.00	0.00	0.00	6.50	0.02	0.00	0.02
0.90	0.00	0.00	0.00	6.60	0.02	0.00	0.02
1.00	0.00	0.00	0.00	6.70	0.02	0.00	0.02
1.10	0.00	0.00	0.00	6.80	0.02	0.00	0.02
1.20	0.00	0.00	0.00	6.90	0.02	0.00	0.02
1.30	0.00	0.00	0.00	7.00	0.02	0.00	0.02
1.40	0.00	0.00	0.00	7.10	0.02	0.00	0.02
1.50	0.00	0.00	0.00	7.20	0.02	0.00	0.02
1.60	0.00	0.00	0.00	7.30	0.02	0.00	0.02
1.70	0.00	0.00	0.00	7.40	0.02	0.00	0.02
1.80	0.00	0.00	0.00	7.50	0.02	0.00	0.02
1.90	0.00	0.00	0.00	7.60	0.02	0.00	0.02
2.00	0.00	0.00	0.00	7.70	0.02	0.00	0.02
2.10	0.01	0.00	0.01	7.80	0.02	0.00	0.02
2.20	0.01	0.00	0.01	7.90	0.02	0.00	0.02
2.30	0.01	0.00	0.01	8.00	0.02	0.00	0.02
2.40	0.01	0.00	0.01	8.10	0.02	0.00	0.02
2.50	0.01	0.00	0.01	8.20	0.02	0.00	0.02
2.60	0.01	0.00	0.01	8.30	0.03	0.00	0.03
2.70	0.01	0.00	0.01	8.40	0.03	0.00	0.03
2.80	0.01	0.00	0.01	8.50	0.03	0.00	0.03
2.90	0.01	0.00	0.01	8.60	0.03	0.00	0.03
3.00	0.01	0.00	0.01	8.70	0.03	0.00	0.03
3.10	0.01	0.00	0.01	8.80	0.03	0.00	0.03
3.20	0.01	0.00	0.01	8.90	0.03	0.00	0.03
3.30	0.01	0.00	0.01	9.00	0.03	0.00	0.03
3.40	0.01	0.00	0.01	9.10	0.03	0.00	0.03
3.50	0.01	0.00	0.01	9.20	0.03	0.00	0.03
3.60	0.01	0.00	0.01	9.30	0.03	0.00	0.03
3.70	0.01	0.00	0.01	9.40	0.03	0.00	0.03
3.80	0.01	0.00	0.01	9.50	0.04	0.00	0.04
3.90	0.01	0.00	0.01	9.60	0.04	0.00	0.04
4.00	0.01	0.00	0.01	9.70	0.04	0.00	0.04
4.10	0.01	0.00	0.01	9.80	0.04	0.00	0.04
4.20	0.01	0.00	0.01	9.90	0.04	0.00	0.04
4.30	0.01	0.00	0.01	10.00	0.04	0.00	0.04
4.40	0.01	0.00	0.01	10.10	0.05	0.00	0.05
4.50	0.01	0.00	0.01	10.20	0.05	0.00	0.05
4.60	0.01	0.00	0.01	10.30	0.05	0.00	0.05
4.70	0.01	0.00	0.01	10.40	0.05	0.00	0.05
4.80	0.01	0.00	0.01	10.50	0.05	0.00	0.05
4.90	0.01	0.00	0.01	10.60	0.06	0.00	0.06
5.00	0.01	0.00	0.01	10.70	0.06	0.00	0.06
5.10	0.01	0.00	0.01	10.80	0.07	0.00	0.07
5.20	0.01	0.00	0.01	10.90	0.08	0.00	0.08
5.30	0.01	0.00	0.01	11.00	0.08	0.00	0.08
5.40	0.01	0.00	0.01	11.10	0.09	0.00	0.09
5.50	0.01	0.00	0.01	11.20	0.10	0.00	0.10
5.60	0.01	0.00	0.01	11.30	0.11	0.00	0.11

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	0.12	0.00	0.12	17.10	0.02	0.00	0.02
11.50	0.13	0.00	0.13	17.20	0.02	0.00	0.02
11.60	0.17	0.00	0.17	17.30	0.02	0.00	0.02
11.70	0.19	0.00	0.19	17.40	0.02	0.00	0.02
11.80	0.25	0.00	0.25	17.50	0.02	0.00	0.02
11.90	0.35	0.00	0.35	17.60	0.02	0.00	0.02
12.00	0.60	0.00	0.60	17.70	0.02	0.00	0.02
12.10	**0.97**	0.00	**0.97**	17.80	0.02	0.00	0.02
12.20	0.44	0.00	0.44	17.90	0.02	0.00	0.02
12.30	0.27	0.00	0.27	18.00	0.02	0.00	0.02
12.40	0.20	0.00	0.20	18.10	0.02	0.00	0.02
12.50	0.18	0.00	0.18	18.20	0.02	0.00	0.02
12.60	0.14	0.00	0.14	18.30	0.02	0.00	0.02
12.70	0.13	0.00	0.13	18.40	0.02	0.00	0.02
12.80	0.12	0.00	0.12	18.50	0.02	0.00	0.02
12.90	0.10	0.00	0.10	18.60	0.02	0.00	0.02
13.00	0.09	0.00	0.09	18.70	0.02	0.00	0.02
13.10	0.08	0.00	0.08	18.80	0.02	0.00	0.02
13.20	0.08	0.00	0.08	18.90	0.02	0.00	0.02
13.30	0.07	0.00	0.07	19.00	0.02	0.00	0.02
13.40	0.07	0.00	0.07	19.10	0.02	0.00	0.02
13.50	0.06	0.00	0.06	19.20	0.02	0.00	0.02
13.60	0.06	0.00	0.06	19.30	0.02	0.00	0.02
13.70	0.05	0.00	0.05	19.40	0.02	0.00	0.02
13.80	0.05	0.00	0.05	19.50	0.02	0.00	0.02
13.90	0.05	0.00	0.05	19.60	0.02	0.00	0.02
14.00	0.05	0.00	0.05	19.70	0.02	0.00	0.02
14.10	0.05	0.00	0.05	19.80	0.02	0.00	0.02
14.20	0.05	0.00	0.05	19.90	0.02	0.00	0.02
14.30	0.04	0.00	0.04	20.00	0.02	0.00	0.02
14.40	0.04	0.00	0.04	20.10	0.02	0.00	0.02
14.50	0.04	0.00	0.04	20.20	0.02	0.00	0.02
14.60	0.04	0.00	0.04	20.30	0.02	0.00	0.02
14.70	0.04	0.00	0.04	20.40	0.02	0.00	0.02
14.80	0.04	0.00	0.04	20.50	0.01	0.00	0.01
14.90	0.03	0.00	0.03	20.60	0.01	0.00	0.01
15.00	0.03	0.00	0.03	20.70	0.01	0.00	0.01
15.10	0.03	0.00	0.03	20.80	0.01	0.00	0.01
15.20	0.03	0.00	0.03	20.90	0.01	0.00	0.01
15.30	0.03	0.00	0.03	21.00	0.01	0.00	0.01
15.40	0.03	0.00	0.03	21.10	0.01	0.00	0.01
15.50	0.03	0.00	0.03	21.20	0.01	0.00	0.01
15.60	0.03	0.00	0.03	21.30	0.01	0.00	0.01
15.70	0.03	0.00	0.03	21.40	0.01	0.00	0.01
15.80	0.03	0.00	0.03	21.50	0.01	0.00	0.01
15.90	0.03	0.00	0.03	21.60	0.01	0.00	0.01
16.00	0.03	0.00	0.03	21.70	0.01	0.00	0.01
16.10	0.03	0.00	0.03	21.80	0.01	0.00	0.01
16.20	0.03	0.00	0.03	21.90	0.01	0.00	0.01
16.30	0.03	0.00	0.03	22.00	0.01	0.00	0.01
16.40	0.03	0.00	0.03	22.10	0.01	0.00	0.01
16.50	0.02	0.00	0.02	22.20	0.01	0.00	0.01
16.60	0.02	0.00	0.02	22.30	0.01	0.00	0.01
16.70	0.02	0.00	0.02	22.40	0.01	0.00	0.01
16.80	0.02	0.00	0.02	22.50	0.01	0.00	0.01
16.90	0.02	0.00	0.02	22.60	0.01	0.00	0.01
17.00	0.02	0.00	0.02	22.70	0.01	0.00	0.01

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.01	0.00	0.01	28.50	0.00	0.00	0.00
22.90	0.01	0.00	0.01	28.60	0.00	0.00	0.00
23.00	0.01	0.00	0.01	28.70	0.00	0.00	0.00
23.10	0.01	0.00	0.01	28.80	0.00	0.00	0.00
23.20	0.01	0.00	0.01	28.90	0.00	0.00	0.00
23.30	0.01	0.00	0.01	29.00	0.00	0.00	0.00
23.40	0.01	0.00	0.01	29.10	0.00	0.00	0.00
23.50	0.01	0.00	0.01	29.20	0.00	0.00	0.00
23.60	0.01	0.00	0.01	29.30	0.00	0.00	0.00
23.70	0.01	0.00	0.01	29.40	0.00	0.00	0.00
23.80	0.01	0.00	0.01	29.50	0.00	0.00	0.00
23.90	0.01	0.00	0.01	29.60	0.00	0.00	0.00
24.00	0.01	0.00	0.01	29.70	0.00	0.00	0.00
24.10	0.00	0.00	0.00	29.80	0.00	0.00	0.00
24.20	0.00	0.00	0.00	29.90	0.00	0.00	0.00
24.30	0.00	0.00	0.00	30.00	0.00	0.00	0.00
24.40	0.00	0.00	0.00	30.10	0.00	0.00	0.00
24.50	0.00	0.00	0.00	30.20	0.00	0.00	0.00
24.60	0.00	0.00	0.00	30.30	0.00	0.00	0.00
24.70	0.00	0.00	0.00	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

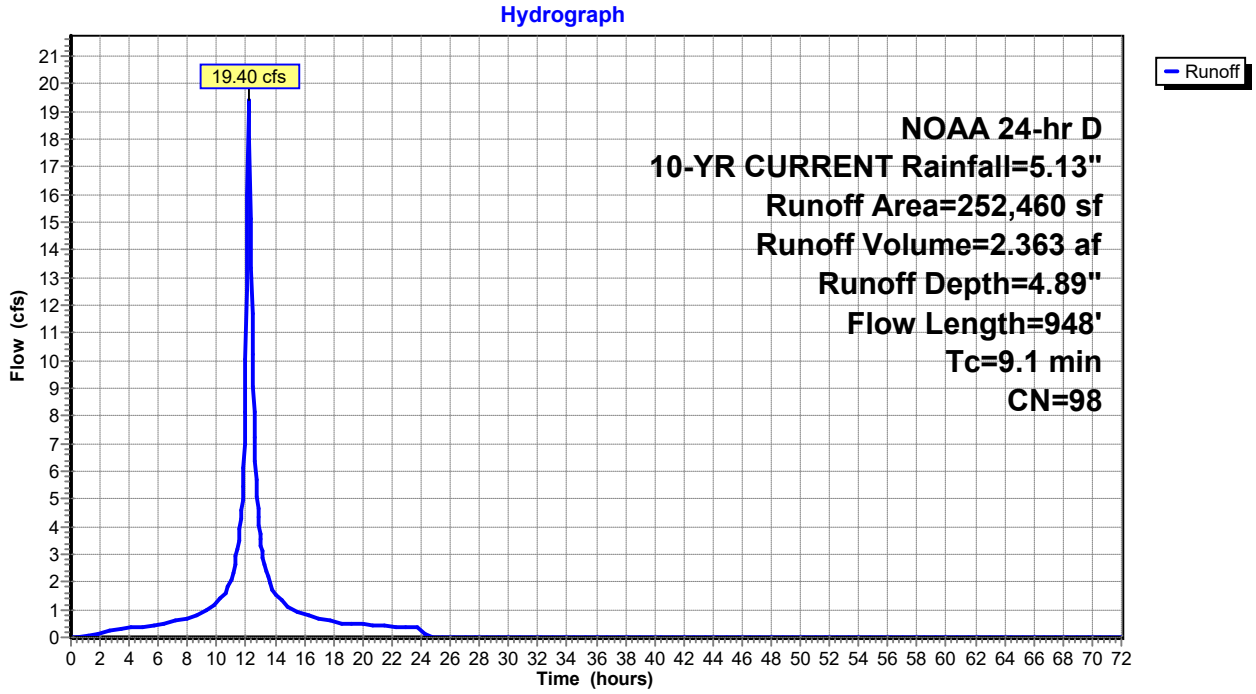
Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Subcatchment 6S: PDA 2-Impervious



Hydrograph for Subcatchment 6S: PDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.41	0.24	0.44
0.10	0.01	0.00	0.00	5.80	0.42	0.25	0.44
0.20	0.01	0.00	0.00	5.90	0.43	0.25	0.45
0.30	0.02	0.00	0.00	6.00	0.44	0.26	0.45
0.40	0.02	0.00	0.00	6.10	0.45	0.27	0.46
0.50	0.03	0.00	0.00	6.20	0.46	0.28	0.47
0.60	0.03	0.00	0.00	6.30	0.47	0.29	0.48
0.70	0.04	0.00	0.00	6.40	0.48	0.30	0.50
0.80	0.05	0.00	0.00	6.50	0.49	0.31	0.51
0.90	0.05	0.00	0.01	6.60	0.50	0.31	0.52
1.00	0.06	0.00	0.02	6.70	0.51	0.32	0.53
1.10	0.06	0.00	0.03	6.80	0.52	0.33	0.55
1.20	0.07	0.00	0.05	6.90	0.53	0.34	0.56
1.30	0.08	0.01	0.07	7.00	0.54	0.35	0.58
1.40	0.08	0.01	0.08	7.10	0.55	0.37	0.59
1.50	0.09	0.01	0.10	7.20	0.56	0.38	0.60
1.60	0.10	0.01	0.11	7.30	0.58	0.39	0.62
1.70	0.10	0.01	0.13	7.40	0.59	0.40	0.63
1.80	0.11	0.02	0.14	7.50	0.60	0.41	0.65
1.90	0.12	0.02	0.15	7.60	0.61	0.42	0.66
2.00	0.12	0.02	0.17	7.70	0.63	0.43	0.67
2.10	0.13	0.03	0.18	7.80	0.64	0.45	0.69
2.20	0.14	0.03	0.19	7.90	0.65	0.46	0.70
2.30	0.14	0.03	0.20	8.00	0.67	0.47	0.72
2.40	0.15	0.04	0.21	8.10	0.68	0.48	0.73
2.50	0.16	0.04	0.22	8.20	0.69	0.50	0.75
2.60	0.16	0.05	0.23	8.30	0.71	0.51	0.76
2.70	0.17	0.05	0.24	8.40	0.72	0.52	0.77
2.80	0.18	0.06	0.25	8.50	0.74	0.54	0.79
2.90	0.19	0.06	0.26	8.60	0.75	0.55	0.80
3.00	0.19	0.07	0.27	8.70	0.77	0.57	0.82
3.10	0.20	0.07	0.28	8.80	0.78	0.58	0.83
3.20	0.21	0.08	0.28	8.90	0.80	0.60	0.85
3.30	0.22	0.08	0.29	9.00	0.81	0.61	0.86
3.40	0.22	0.09	0.30	9.10	0.83	0.63	0.88
3.50	0.23	0.09	0.31	9.20	0.85	0.64	0.91
3.60	0.24	0.10	0.31	9.30	0.87	0.66	0.95
3.70	0.25	0.10	0.32	9.40	0.89	0.68	0.99
3.80	0.25	0.11	0.33	9.50	0.91	0.70	1.04
3.90	0.26	0.11	0.34	9.60	0.93	0.72	1.08
4.00	0.27	0.12	0.34	9.70	0.95	0.74	1.13
4.10	0.28	0.13	0.35	9.80	0.97	0.76	1.18
4.20	0.28	0.13	0.36	9.90	0.99	0.78	1.22
4.30	0.29	0.14	0.36	10.00	1.02	0.81	1.27
4.40	0.30	0.15	0.37	10.10	1.04	0.83	1.32
4.50	0.31	0.15	0.37	10.20	1.07	0.86	1.37
4.60	0.32	0.16	0.38	10.30	1.09	0.88	1.41
4.70	0.33	0.17	0.39	10.40	1.12	0.91	1.46
4.80	0.33	0.17	0.39	10.50	1.15	0.94	1.51
4.90	0.34	0.18	0.40	10.60	1.18	0.97	1.58
5.00	0.35	0.19	0.40	10.70	1.21	1.00	1.69
5.10	0.36	0.19	0.41	10.80	1.25	1.04	1.83
5.20	0.37	0.20	0.41	10.90	1.29	1.07	1.99
5.30	0.38	0.21	0.42	11.00	1.33	1.12	2.15
5.40	0.38	0.22	0.42	11.10	1.38	1.16	2.34
5.50	0.39	0.22	0.43	11.20	1.43	1.22	2.58
5.60	0.40	0.23	0.43	11.30	1.49	1.27	2.85

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.56	1.34	3.13	17.10	4.60	4.36	0.68
11.50	1.63	1.40	3.43	17.20	4.61	4.38	0.67
11.60	1.72	1.50	3.92	17.30	4.62	4.39	0.66
11.70	1.82	1.59	4.60	17.40	4.63	4.40	0.64
11.80	1.95	1.73	5.44	17.50	4.64	4.41	0.63
11.90	2.14	1.91	6.99	17.60	4.65	4.42	0.61
12.00	2.46	2.23	10.03	17.70	4.66	4.43	0.60
12.10	2.99	2.76	**15.96**	17.80	4.67	4.44	0.59
12.20	3.18	2.95	**19.01**	17.90	4.68	4.45	0.58
12.30	3.31	3.08	15.13	18.00	4.69	4.46	0.56
12.40	3.41	3.18	11.67	18.10	4.70	4.46	0.55
12.50	3.50	3.27	9.07	18.20	4.71	4.47	0.54
12.60	3.57	3.34	7.20	18.30	4.72	4.48	0.53
12.70	3.64	3.40	5.66	18.40	4.73	4.49	0.52
12.80	3.70	3.46	4.67	18.50	4.74	4.50	0.52
12.90	3.75	3.51	4.02	18.60	4.75	4.51	0.51
13.00	3.80	3.56	3.53	18.70	4.75	4.52	0.51
13.10	3.84	3.60	3.11	18.80	4.76	4.53	0.51
13.20	3.88	3.64	2.79	18.90	4.77	4.53	0.50
13.30	3.92	3.68	2.55	19.00	4.78	4.54	0.50
13.40	3.95	3.72	2.33	19.10	4.79	4.55	0.50
13.50	3.98	3.75	2.14	19.20	4.80	4.56	0.49
13.60	4.01	3.77	1.96	19.30	4.80	4.57	0.49
13.70	4.04	3.80	1.80	19.40	4.81	4.58	0.49
13.80	4.06	3.83	1.69	19.50	4.82	4.58	0.48
13.90	4.09	3.85	1.61	19.60	4.83	4.59	0.48
14.00	4.11	3.88	1.55	19.70	4.84	4.60	0.48
14.10	4.14	3.90	1.49	19.80	4.85	4.61	0.47
14.20	4.16	3.92	1.44	19.90	4.85	4.62	0.47
14.30	4.18	3.95	1.39	20.00	4.86	4.62	0.47
14.40	4.20	3.97	1.34	20.10	4.87	4.63	0.46
14.50	4.22	3.99	1.29	20.20	4.88	4.64	0.46
14.60	4.24	4.01	1.25	20.30	4.88	4.65	0.46
14.70	4.26	4.03	1.20	20.40	4.89	4.66	0.45
14.80	4.28	4.05	1.15	20.50	4.90	4.66	0.45
14.90	4.30	4.06	1.11	20.60	4.91	4.67	0.45
15.00	4.32	4.08	1.06	20.70	4.91	4.68	0.44
15.10	4.33	4.10	1.01	20.80	4.92	4.69	0.44
15.20	4.35	4.11	0.97	20.90	4.93	4.69	0.44
15.30	4.36	4.13	0.94	21.00	4.94	4.70	0.43
15.40	4.38	4.14	0.92	21.10	4.94	4.71	0.43
15.50	4.39	4.16	0.90	21.20	4.95	4.71	0.43
15.60	4.41	4.17	0.88	21.30	4.96	4.72	0.42
15.70	4.42	4.19	0.87	21.40	4.97	4.73	0.42
15.80	4.44	4.20	0.86	21.50	4.97	4.74	0.42
15.90	4.45	4.21	0.84	21.60	4.98	4.74	0.41
16.00	4.46	4.23	0.83	21.70	4.99	4.75	0.41
16.10	4.48	4.24	0.82	21.80	4.99	4.76	0.41
16.20	4.49	4.26	0.80	21.90	5.00	4.76	0.40
16.30	4.50	4.27	0.79	22.00	5.01	4.77	0.40
16.40	4.52	4.28	0.78	22.10	5.01	4.78	0.40
16.50	4.53	4.29	0.76	22.20	5.02	4.78	0.39
16.60	4.54	4.31	0.75	22.30	5.03	4.79	0.39
16.70	4.55	4.32	0.74	22.40	5.03	4.80	0.39
16.80	4.57	4.33	0.72	22.50	5.04	4.80	0.38
16.90	4.58	4.34	0.71	22.60	5.05	4.81	0.38
17.00	4.59	4.35	0.70	22.70	5.05	4.82	0.38

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	5.06	4.82	0.37	28.50	5.13	4.89	0.00
22.90	5.07	4.83	0.37	28.60	5.13	4.89	0.00
23.00	5.07	4.83	0.37	28.70	5.13	4.89	0.00
23.10	5.08	4.84	0.36	28.80	5.13	4.89	0.00
23.20	5.08	4.85	0.36	28.90	5.13	4.89	0.00
23.30	5.09	4.85	0.36	29.00	5.13	4.89	0.00
23.40	5.10	4.86	0.35	29.10	5.13	4.89	0.00
23.50	5.10	4.86	0.35	29.20	5.13	4.89	0.00
23.60	5.11	4.87	0.35	29.30	5.13	4.89	0.00
23.70	5.11	4.88	0.34	29.40	5.13	4.89	0.00
23.80	5.12	4.88	0.34	29.50	5.13	4.89	0.00
23.90	5.12	4.89	0.34	29.60	5.13	4.89	0.00
24.00	**5.13**	**4.89**	0.33	29.70	5.13	4.89	0.00
24.10	5.13	4.89	0.27	29.80	5.13	4.89	0.00
24.20	5.13	4.89	0.16	29.90	5.13	4.89	0.00
24.30	5.13	4.89	0.09	30.00	5.13	4.89	0.00
24.40	5.13	4.89	0.05	30.10	5.13	4.89	0.00
24.50	5.13	4.89	0.02	30.20	5.13	4.89	0.00
24.60	5.13	4.89	0.01	30.30	5.13	4.89	0.00
24.70	5.13	4.89	0.00	30.40	5.13	4.89	0.00
24.80	5.13	4.89	0.00	30.50	5.13	4.89	0.00
24.90	5.13	4.89	0.00	30.60	5.13	4.89	0.00
25.00	5.13	4.89	0.00	30.70	5.13	4.89	0.00
25.10	5.13	4.89	0.00	30.80	5.13	4.89	0.00
25.20	5.13	4.89	0.00	30.90	5.13	4.89	0.00
25.30	5.13	4.89	0.00	31.00	5.13	4.89	0.00
25.40	5.13	4.89	0.00	31.10	5.13	4.89	0.00
25.50	5.13	4.89	0.00	31.20	5.13	4.89	0.00
25.60	5.13	4.89	0.00	31.30	5.13	4.89	0.00
25.70	5.13	4.89	0.00	31.40	5.13	4.89	0.00
25.80	5.13	4.89	0.00	31.50	5.13	4.89	0.00
25.90	5.13	4.89	0.00	31.60	5.13	4.89	0.00
26.00	5.13	4.89	0.00	31.70	5.13	4.89	0.00
26.10	5.13	4.89	0.00	31.80	5.13	4.89	0.00
26.20	5.13	4.89	0.00	31.90	5.13	4.89	0.00
26.30	5.13	4.89	0.00	32.00	5.13	4.89	0.00
26.40	5.13	4.89	0.00	32.10	5.13	4.89	0.00
26.50	5.13	4.89	0.00	32.20	5.13	4.89	0.00
26.60	5.13	4.89	0.00	32.30	5.13	4.89	0.00
26.70	5.13	4.89	0.00	32.40	5.13	4.89	0.00
26.80	5.13	4.89	0.00	32.50	5.13	4.89	0.00
26.90	5.13	4.89	0.00	32.60	5.13	4.89	0.00
27.00	5.13	4.89	0.00	32.70	5.13	4.89	0.00
27.10	5.13	4.89	0.00	32.80	5.13	4.89	0.00
27.20	5.13	4.89	0.00	32.90	5.13	4.89	0.00
27.30	5.13	4.89	0.00	33.00	5.13	4.89	0.00
27.40	5.13	4.89	0.00	33.10	5.13	4.89	0.00
27.50	5.13	4.89	0.00	33.20	5.13	4.89	0.00
27.60	5.13	4.89	0.00	33.30	5.13	4.89	0.00
27.70	5.13	4.89	0.00	33.40	5.13	4.89	0.00
27.80	5.13	4.89	0.00	33.50	5.13	4.89	0.00
27.90	5.13	4.89	0.00	33.60	5.13	4.89	0.00
28.00	5.13	4.89	0.00	33.70	5.13	4.89	0.00
28.10	5.13	4.89	0.00	33.80	5.13	4.89	0.00
28.20	5.13	4.89	0.00	33.90	5.13	4.89	0.00
28.30	5.13	4.89	0.00	34.00	5.13	4.89	0.00
28.40	5.13	4.89	0.00	34.10	5.13	4.89	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	5.13	4.89	0.00	39.90	5.13	4.89	0.00
34.30	5.13	4.89	0.00	40.00	5.13	4.89	0.00
34.40	5.13	4.89	0.00	40.10	5.13	4.89	0.00
34.50	5.13	4.89	0.00	40.20	5.13	4.89	0.00
34.60	5.13	4.89	0.00	40.30	5.13	4.89	0.00
34.70	5.13	4.89	0.00	40.40	5.13	4.89	0.00
34.80	5.13	4.89	0.00	40.50	5.13	4.89	0.00
34.90	5.13	4.89	0.00	40.60	5.13	4.89	0.00
35.00	5.13	4.89	0.00	40.70	5.13	4.89	0.00
35.10	5.13	4.89	0.00	40.80	5.13	4.89	0.00
35.20	5.13	4.89	0.00	40.90	5.13	4.89	0.00
35.30	5.13	4.89	0.00	41.00	5.13	4.89	0.00
35.40	5.13	4.89	0.00	41.10	5.13	4.89	0.00
35.50	5.13	4.89	0.00	41.20	5.13	4.89	0.00
35.60	5.13	4.89	0.00	41.30	5.13	4.89	0.00
35.70	5.13	4.89	0.00	41.40	5.13	4.89	0.00
35.80	5.13	4.89	0.00	41.50	5.13	4.89	0.00
35.90	5.13	4.89	0.00	41.60	5.13	4.89	0.00
36.00	5.13	4.89	0.00	41.70	5.13	4.89	0.00
36.10	5.13	4.89	0.00	41.80	5.13	4.89	0.00
36.20	5.13	4.89	0.00	41.90	5.13	4.89	0.00
36.30	5.13	4.89	0.00	42.00	5.13	4.89	0.00
36.40	5.13	4.89	0.00	42.10	5.13	4.89	0.00
36.50	5.13	4.89	0.00	42.20	5.13	4.89	0.00
36.60	5.13	4.89	0.00	42.30	5.13	4.89	0.00
36.70	5.13	4.89	0.00	42.40	5.13	4.89	0.00
36.80	5.13	4.89	0.00	42.50	5.13	4.89	0.00
36.90	5.13	4.89	0.00	42.60	5.13	4.89	0.00
37.00	5.13	4.89	0.00	42.70	5.13	4.89	0.00
37.10	5.13	4.89	0.00	42.80	5.13	4.89	0.00
37.20	5.13	4.89	0.00	42.90	5.13	4.89	0.00
37.30	5.13	4.89	0.00	43.00	5.13	4.89	0.00
37.40	5.13	4.89	0.00	43.10	5.13	4.89	0.00
37.50	5.13	4.89	0.00	43.20	5.13	4.89	0.00
37.60	5.13	4.89	0.00	43.30	5.13	4.89	0.00
37.70	5.13	4.89	0.00	43.40	5.13	4.89	0.00
37.80	5.13	4.89	0.00	43.50	5.13	4.89	0.00
37.90	5.13	4.89	0.00	43.60	5.13	4.89	0.00
38.00	5.13	4.89	0.00	43.70	5.13	4.89	0.00
38.10	5.13	4.89	0.00	43.80	5.13	4.89	0.00
38.20	5.13	4.89	0.00	43.90	5.13	4.89	0.00
38.30	5.13	4.89	0.00	44.00	5.13	4.89	0.00
38.40	5.13	4.89	0.00	44.10	5.13	4.89	0.00
38.50	5.13	4.89	0.00	44.20	5.13	4.89	0.00
38.60	5.13	4.89	0.00	44.30	5.13	4.89	0.00
38.70	5.13	4.89	0.00	44.40	5.13	4.89	0.00
38.80	5.13	4.89	0.00	44.50	5.13	4.89	0.00
38.90	5.13	4.89	0.00	44.60	5.13	4.89	0.00
39.00	5.13	4.89	0.00	44.70	5.13	4.89	0.00
39.10	5.13	4.89	0.00	44.80	5.13	4.89	0.00
39.20	5.13	4.89	0.00	44.90	5.13	4.89	0.00
39.30	5.13	4.89	0.00	45.00	5.13	4.89	0.00
39.40	5.13	4.89	0.00	45.10	5.13	4.89	0.00
39.50	5.13	4.89	0.00	45.20	5.13	4.89	0.00
39.60	5.13	4.89	0.00	45.30	5.13	4.89	0.00
39.70	5.13	4.89	0.00	45.40	5.13	4.89	0.00
39.80	5.13	4.89	0.00	45.50	5.13	4.89	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	5.13	4.89	0.00	51.30	5.13	4.89	0.00
45.70	5.13	4.89	0.00	51.40	5.13	4.89	0.00
45.80	5.13	4.89	0.00	51.50	5.13	4.89	0.00
45.90	5.13	4.89	0.00	51.60	5.13	4.89	0.00
46.00	5.13	4.89	0.00	51.70	5.13	4.89	0.00
46.10	5.13	4.89	0.00	51.80	5.13	4.89	0.00
46.20	5.13	4.89	0.00	51.90	5.13	4.89	0.00
46.30	5.13	4.89	0.00	52.00	5.13	4.89	0.00
46.40	5.13	4.89	0.00	52.10	5.13	4.89	0.00
46.50	5.13	4.89	0.00	52.20	5.13	4.89	0.00
46.60	5.13	4.89	0.00	52.30	5.13	4.89	0.00
46.70	5.13	4.89	0.00	52.40	5.13	4.89	0.00
46.80	5.13	4.89	0.00	52.50	5.13	4.89	0.00
46.90	5.13	4.89	0.00	52.60	5.13	4.89	0.00
47.00	5.13	4.89	0.00	52.70	5.13	4.89	0.00
47.10	5.13	4.89	0.00	52.80	5.13	4.89	0.00
47.20	5.13	4.89	0.00	52.90	5.13	4.89	0.00
47.30	5.13	4.89	0.00	53.00	5.13	4.89	0.00
47.40	5.13	4.89	0.00	53.10	5.13	4.89	0.00
47.50	5.13	4.89	0.00	53.20	5.13	4.89	0.00
47.60	5.13	4.89	0.00	53.30	5.13	4.89	0.00
47.70	5.13	4.89	0.00	53.40	5.13	4.89	0.00
47.80	5.13	4.89	0.00	53.50	5.13	4.89	0.00
47.90	5.13	4.89	0.00	53.60	5.13	4.89	0.00
48.00	5.13	4.89	0.00	53.70	5.13	4.89	0.00
48.10	5.13	4.89	0.00	53.80	5.13	4.89	0.00
48.20	5.13	4.89	0.00	53.90	5.13	4.89	0.00
48.30	5.13	4.89	0.00	54.00	5.13	4.89	0.00
48.40	5.13	4.89	0.00	54.10	5.13	4.89	0.00
48.50	5.13	4.89	0.00	54.20	5.13	4.89	0.00
48.60	5.13	4.89	0.00	54.30	5.13	4.89	0.00
48.70	5.13	4.89	0.00	54.40	5.13	4.89	0.00
48.80	5.13	4.89	0.00	54.50	5.13	4.89	0.00
48.90	5.13	4.89	0.00	54.60	5.13	4.89	0.00
49.00	5.13	4.89	0.00	54.70	5.13	4.89	0.00
49.10	5.13	4.89	0.00	54.80	5.13	4.89	0.00
49.20	5.13	4.89	0.00	54.90	5.13	4.89	0.00
49.30	5.13	4.89	0.00	55.00	5.13	4.89	0.00
49.40	5.13	4.89	0.00	55.10	5.13	4.89	0.00
49.50	5.13	4.89	0.00	55.20	5.13	4.89	0.00
49.60	5.13	4.89	0.00	55.30	5.13	4.89	0.00
49.70	5.13	4.89	0.00	55.40	5.13	4.89	0.00
49.80	5.13	4.89	0.00	55.50	5.13	4.89	0.00
49.90	5.13	4.89	0.00	55.60	5.13	4.89	0.00
50.00	5.13	4.89	0.00	55.70	5.13	4.89	0.00
50.10	5.13	4.89	0.00	55.80	5.13	4.89	0.00
50.20	5.13	4.89	0.00	55.90	5.13	4.89	0.00
50.30	5.13	4.89	0.00	56.00	5.13	4.89	0.00
50.40	5.13	4.89	0.00	56.10	5.13	4.89	0.00
50.50	5.13	4.89	0.00	56.20	5.13	4.89	0.00
50.60	5.13	4.89	0.00	56.30	5.13	4.89	0.00
50.70	5.13	4.89	0.00	56.40	5.13	4.89	0.00
50.80	5.13	4.89	0.00	56.50	5.13	4.89	0.00
50.90	5.13	4.89	0.00	56.60	5.13	4.89	0.00
51.00	5.13	4.89	0.00	56.70	5.13	4.89	0.00
51.10	5.13	4.89	0.00	56.80	5.13	4.89	0.00
51.20	5.13	4.89	0.00	56.90	5.13	4.89	0.00

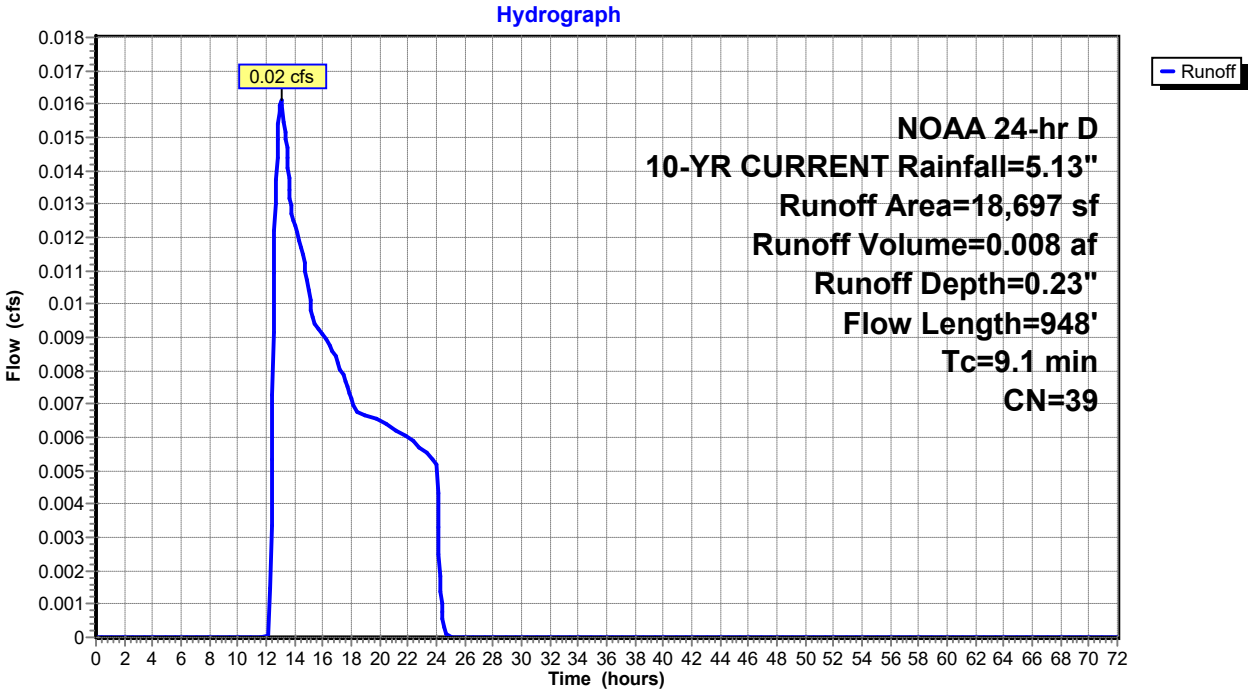
Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	5.13	4.89	0.00	62.70	5.13	4.89	0.00
57.10	5.13	4.89	0.00	62.80	5.13	4.89	0.00
57.20	5.13	4.89	0.00	62.90	5.13	4.89	0.00
57.30	5.13	4.89	0.00	63.00	5.13	4.89	0.00
57.40	5.13	4.89	0.00	63.10	5.13	4.89	0.00
57.50	5.13	4.89	0.00	63.20	5.13	4.89	0.00
57.60	5.13	4.89	0.00	63.30	5.13	4.89	0.00
57.70	5.13	4.89	0.00	63.40	5.13	4.89	0.00
57.80	5.13	4.89	0.00	63.50	5.13	4.89	0.00
57.90	5.13	4.89	0.00	63.60	5.13	4.89	0.00
58.00	5.13	4.89	0.00	63.70	5.13	4.89	0.00
58.10	5.13	4.89	0.00	63.80	5.13	4.89	0.00
58.20	5.13	4.89	0.00	63.90	5.13	4.89	0.00
58.30	5.13	4.89	0.00	64.00	5.13	4.89	0.00
58.40	5.13	4.89	0.00	64.10	5.13	4.89	0.00
58.50	5.13	4.89	0.00	64.20	5.13	4.89	0.00
58.60	5.13	4.89	0.00	64.30	5.13	4.89	0.00
58.70	5.13	4.89	0.00	64.40	5.13	4.89	0.00
58.80	5.13	4.89	0.00	64.50	5.13	4.89	0.00
58.90	5.13	4.89	0.00	64.60	5.13	4.89	0.00
59.00	5.13	4.89	0.00	64.70	5.13	4.89	0.00
59.10	5.13	4.89	0.00	64.80	5.13	4.89	0.00
59.20	5.13	4.89	0.00	64.90	5.13	4.89	0.00
59.30	5.13	4.89	0.00	65.00	5.13	4.89	0.00
59.40	5.13	4.89	0.00	65.10	5.13	4.89	0.00
59.50	5.13	4.89	0.00	65.20	5.13	4.89	0.00
59.60	5.13	4.89	0.00	65.30	5.13	4.89	0.00
59.70	5.13	4.89	0.00	65.40	5.13	4.89	0.00
59.80	5.13	4.89	0.00	65.50	5.13	4.89	0.00
59.90	5.13	4.89	0.00	65.60	5.13	4.89	0.00
60.00	5.13	4.89	0.00	65.70	5.13	4.89	0.00
60.10	5.13	4.89	0.00	65.80	5.13	4.89	0.00
60.20	5.13	4.89	0.00	65.90	5.13	4.89	0.00
60.30	5.13	4.89	0.00	66.00	5.13	4.89	0.00
60.40	5.13	4.89	0.00	66.10	5.13	4.89	0.00
60.50	5.13	4.89	0.00	66.20	5.13	4.89	0.00
60.60	5.13	4.89	0.00	66.30	5.13	4.89	0.00
60.70	5.13	4.89	0.00	66.40	5.13	4.89	0.00
60.80	5.13	4.89	0.00	66.50	5.13	4.89	0.00
60.90	5.13	4.89	0.00	66.60	5.13	4.89	0.00
61.00	5.13	4.89	0.00	66.70	5.13	4.89	0.00
61.10	5.13	4.89	0.00	66.80	5.13	4.89	0.00
61.20	5.13	4.89	0.00	66.90	5.13	4.89	0.00
61.30	5.13	4.89	0.00	67.00	5.13	4.89	0.00
61.40	5.13	4.89	0.00	67.10	5.13	4.89	0.00
61.50	5.13	4.89	0.00	67.20	5.13	4.89	0.00
61.60	5.13	4.89	0.00	67.30	5.13	4.89	0.00
61.70	5.13	4.89	0.00	67.40	5.13	4.89	0.00
61.80	5.13	4.89	0.00	67.50	5.13	4.89	0.00
61.90	5.13	4.89	0.00	67.60	5.13	4.89	0.00
62.00	5.13	4.89	0.00	67.70	5.13	4.89	0.00
62.10	5.13	4.89	0.00	67.80	5.13	4.89	0.00
62.20	5.13	4.89	0.00	67.90	5.13	4.89	0.00
62.30	5.13	4.89	0.00	68.00	5.13	4.89	0.00
62.40	5.13	4.89	0.00	68.10	5.13	4.89	0.00
62.50	5.13	4.89	0.00	68.20	5.13	4.89	0.00
62.60	5.13	4.89	0.00	68.30	5.13	4.89	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	5.13	4.89	0.00
68.50	5.13	4.89	0.00
68.60	5.13	4.89	0.00
68.70	5.13	4.89	0.00
68.80	5.13	4.89	0.00
68.90	5.13	4.89	0.00
69.00	5.13	4.89	0.00
69.10	5.13	4.89	0.00
69.20	5.13	4.89	0.00
69.30	5.13	4.89	0.00
69.40	5.13	4.89	0.00
69.50	5.13	4.89	0.00
69.60	5.13	4.89	0.00
69.70	5.13	4.89	0.00
69.80	5.13	4.89	0.00
69.90	5.13	4.89	0.00
70.00	5.13	4.89	0.00
70.10	5.13	4.89	0.00
70.20	5.13	4.89	0.00
70.30	5.13	4.89	0.00
70.40	5.13	4.89	0.00
70.50	5.13	4.89	0.00
70.60	5.13	4.89	0.00
70.70	5.13	4.89	0.00
70.80	5.13	4.89	0.00
70.90	5.13	4.89	0.00
71.00	5.13	4.89	0.00
71.10	5.13	4.89	0.00
71.20	5.13	4.89	0.00
71.30	5.13	4.89	0.00
71.40	5.13	4.89	0.00
71.50	5.13	4.89	0.00
71.60	5.13	4.89	0.00
71.70	5.13	4.89	0.00
71.80	5.13	4.89	0.00
71.90	5.13	4.89	0.00
72.00	5.13	4.89	0.00

Subcatchment 7S: PDA 2-Pervious



Hydrograph for Subcatchment 7S: PDA 2-Pervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.41	0.00	0.00
0.10	0.01	0.00	0.00	5.80	0.42	0.00	0.00
0.20	0.01	0.00	0.00	5.90	0.43	0.00	0.00
0.30	0.02	0.00	0.00	6.00	0.44	0.00	0.00
0.40	0.02	0.00	0.00	6.10	0.45	0.00	0.00
0.50	0.03	0.00	0.00	6.20	0.46	0.00	0.00
0.60	0.03	0.00	0.00	6.30	0.47	0.00	0.00
0.70	0.04	0.00	0.00	6.40	0.48	0.00	0.00
0.80	0.05	0.00	0.00	6.50	0.49	0.00	0.00
0.90	0.05	0.00	0.00	6.60	0.50	0.00	0.00
1.00	0.06	0.00	0.00	6.70	0.51	0.00	0.00
1.10	0.06	0.00	0.00	6.80	0.52	0.00	0.00
1.20	0.07	0.00	0.00	6.90	0.53	0.00	0.00
1.30	0.08	0.00	0.00	7.00	0.54	0.00	0.00
1.40	0.08	0.00	0.00	7.10	0.55	0.00	0.00
1.50	0.09	0.00	0.00	7.20	0.56	0.00	0.00
1.60	0.10	0.00	0.00	7.30	0.58	0.00	0.00
1.70	0.10	0.00	0.00	7.40	0.59	0.00	0.00
1.80	0.11	0.00	0.00	7.50	0.60	0.00	0.00
1.90	0.12	0.00	0.00	7.60	0.61	0.00	0.00
2.00	0.12	0.00	0.00	7.70	0.63	0.00	0.00
2.10	0.13	0.00	0.00	7.80	0.64	0.00	0.00
2.20	0.14	0.00	0.00	7.90	0.65	0.00	0.00
2.30	0.14	0.00	0.00	8.00	0.67	0.00	0.00
2.40	0.15	0.00	0.00	8.10	0.68	0.00	0.00
2.50	0.16	0.00	0.00	8.20	0.69	0.00	0.00
2.60	0.16	0.00	0.00	8.30	0.71	0.00	0.00
2.70	0.17	0.00	0.00	8.40	0.72	0.00	0.00
2.80	0.18	0.00	0.00	8.50	0.74	0.00	0.00
2.90	0.19	0.00	0.00	8.60	0.75	0.00	0.00
3.00	0.19	0.00	0.00	8.70	0.77	0.00	0.00
3.10	0.20	0.00	0.00	8.80	0.78	0.00	0.00
3.20	0.21	0.00	0.00	8.90	0.80	0.00	0.00
3.30	0.22	0.00	0.00	9.00	0.81	0.00	0.00
3.40	0.22	0.00	0.00	9.10	0.83	0.00	0.00
3.50	0.23	0.00	0.00	9.20	0.85	0.00	0.00
3.60	0.24	0.00	0.00	9.30	0.87	0.00	0.00
3.70	0.25	0.00	0.00	9.40	0.89	0.00	0.00
3.80	0.25	0.00	0.00	9.50	0.91	0.00	0.00
3.90	0.26	0.00	0.00	9.60	0.93	0.00	0.00
4.00	0.27	0.00	0.00	9.70	0.95	0.00	0.00
4.10	0.28	0.00	0.00	9.80	0.97	0.00	0.00
4.20	0.28	0.00	0.00	9.90	0.99	0.00	0.00
4.30	0.29	0.00	0.00	10.00	1.02	0.00	0.00
4.40	0.30	0.00	0.00	10.10	1.04	0.00	0.00
4.50	0.31	0.00	0.00	10.20	1.07	0.00	0.00
4.60	0.32	0.00	0.00	10.30	1.09	0.00	0.00
4.70	0.33	0.00	0.00	10.40	1.12	0.00	0.00
4.80	0.33	0.00	0.00	10.50	1.15	0.00	0.00
4.90	0.34	0.00	0.00	10.60	1.18	0.00	0.00
5.00	0.35	0.00	0.00	10.70	1.21	0.00	0.00
5.10	0.36	0.00	0.00	10.80	1.25	0.00	0.00
5.20	0.37	0.00	0.00	10.90	1.29	0.00	0.00
5.30	0.38	0.00	0.00	11.00	1.33	0.00	0.00
5.40	0.38	0.00	0.00	11.10	1.38	0.00	0.00
5.50	0.39	0.00	0.00	11.20	1.43	0.00	0.00
5.60	0.40	0.00	0.00	11.30	1.49	0.00	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.56	0.00	0.00	17.10	4.60	0.13	0.01
11.50	1.63	0.00	0.00	17.20	4.61	0.13	0.01
11.60	1.72	0.00	0.00	17.30	4.62	0.13	0.01
11.70	1.82	0.00	0.00	17.40	4.63	0.13	0.01
11.80	1.95	0.00	0.00	17.50	4.64	0.13	0.01
11.90	2.14	0.00	0.00	17.60	4.65	0.14	0.01
12.00	2.46	0.00	0.00	17.70	4.66	0.14	0.01
12.10	2.99	0.00	0.00	17.80	4.67	0.14	0.01
12.20	3.18	0.00	0.00	17.90	4.68	0.14	0.01
12.30	3.31	0.00	0.00	18.00	4.69	0.14	0.01
12.40	3.41	0.01	0.01	18.10	4.70	0.14	0.01
12.50	3.50	0.01	0.01	18.20	4.71	0.15	0.01
12.60	3.57	0.01	0.01	18.30	4.72	0.15	0.01
12.70	3.64	0.02	0.01	18.40	4.73	0.15	0.01
12.80	3.70	0.02	0.01	18.50	4.74	0.15	0.01
12.90	3.75	0.02	0.02	18.60	4.75	0.15	0.01
13.00	3.80	0.03	**0.02**	18.70	4.75	0.15	0.01
13.10	3.84	0.03	**0.02**	18.80	4.76	0.15	0.01
13.20	3.88	0.03	0.02	18.90	4.77	0.16	0.01
13.30	3.92	0.04	0.02	19.00	4.78	0.16	0.01
13.40	3.95	0.04	0.01	19.10	4.79	0.16	0.01
13.50	3.98	0.04	0.01	19.20	4.80	0.16	0.01
13.60	4.01	0.05	0.01	19.30	4.80	0.16	0.01
13.70	4.04	0.05	0.01	19.40	4.81	0.16	0.01
13.80	4.06	0.05	0.01	19.50	4.82	0.17	0.01
13.90	4.09	0.06	0.01	19.60	4.83	0.17	0.01
14.00	4.11	0.06	0.01	19.70	4.84	0.17	0.01
14.10	4.14	0.06	0.01	19.80	4.85	0.17	0.01
14.20	4.16	0.06	0.01	19.90	4.85	0.17	0.01
14.30	4.18	0.07	0.01	20.00	4.86	0.17	0.01
14.40	4.20	0.07	0.01	20.10	4.87	0.17	0.01
14.50	4.22	0.07	0.01	20.20	4.88	0.18	0.01
14.60	4.24	0.07	0.01	20.30	4.88	0.18	0.01
14.70	4.26	0.08	0.01	20.40	4.89	0.18	0.01
14.80	4.28	0.08	0.01	20.50	4.90	0.18	0.01
14.90	4.30	0.08	0.01	20.60	4.91	0.18	0.01
15.00	4.32	0.08	0.01	20.70	4.91	0.18	0.01
15.10	4.33	0.09	0.01	20.80	4.92	0.18	0.01
15.20	4.35	0.09	0.01	20.90	4.93	0.19	0.01
15.30	4.36	0.09	0.01	21.00	4.94	0.19	0.01
15.40	4.38	0.09	0.01	21.10	4.94	0.19	0.01
15.50	4.39	0.09	0.01	21.20	4.95	0.19	0.01
15.60	4.41	0.10	0.01	21.30	4.96	0.19	0.01
15.70	4.42	0.10	0.01	21.40	4.97	0.19	0.01
15.80	4.44	0.10	0.01	21.50	4.97	0.19	0.01
15.90	4.45	0.10	0.01	21.60	4.98	0.20	0.01
16.00	4.46	0.11	0.01	21.70	4.99	0.20	0.01
16.10	4.48	0.11	0.01	21.80	4.99	0.20	0.01
16.20	4.49	0.11	0.01	21.90	5.00	0.20	0.01
16.30	4.50	0.11	0.01	22.00	5.01	0.20	0.01
16.40	4.52	0.11	0.01	22.10	5.01	0.20	0.01
16.50	4.53	0.12	0.01	22.20	5.02	0.20	0.01
16.60	4.54	0.12	0.01	22.30	5.03	0.21	0.01
16.70	4.55	0.12	0.01	22.40	5.03	0.21	0.01
16.80	4.57	0.12	0.01	22.50	5.04	0.21	0.01
16.90	4.58	0.12	0.01	22.60	5.05	0.21	0.01
17.00	4.59	0.12	0.01	22.70	5.05	0.21	0.01

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	5.06	0.21	0.01	28.50	5.13	0.23	0.00
22.90	5.07	0.21	0.01	28.60	5.13	0.23	0.00
23.00	5.07	0.21	0.01	28.70	5.13	0.23	0.00
23.10	5.08	0.22	0.01	28.80	5.13	0.23	0.00
23.20	5.08	0.22	0.01	28.90	5.13	0.23	0.00
23.30	5.09	0.22	0.01	29.00	5.13	0.23	0.00
23.40	5.10	0.22	0.01	29.10	5.13	0.23	0.00
23.50	5.10	0.22	0.01	29.20	5.13	0.23	0.00
23.60	5.11	0.22	0.01	29.30	5.13	0.23	0.00
23.70	5.11	0.22	0.01	29.40	5.13	0.23	0.00
23.80	5.12	0.22	0.01	29.50	5.13	0.23	0.00
23.90	5.12	0.23	0.01	29.60	5.13	0.23	0.00
24.00	**5.13**	**0.23**	0.01	29.70	5.13	0.23	0.00
24.10	5.13	0.23	0.00	29.80	5.13	0.23	0.00
24.20	5.13	0.23	0.00	29.90	5.13	0.23	0.00
24.30	5.13	0.23	0.00	30.00	5.13	0.23	0.00
24.40	5.13	0.23	0.00	30.10	5.13	0.23	0.00
24.50	5.13	0.23	0.00	30.20	5.13	0.23	0.00
24.60	5.13	0.23	0.00	30.30	5.13	0.23	0.00
24.70	5.13	0.23	0.00	30.40	5.13	0.23	0.00
24.80	5.13	0.23	0.00	30.50	5.13	0.23	0.00
24.90	5.13	0.23	0.00	30.60	5.13	0.23	0.00
25.00	5.13	0.23	0.00	30.70	5.13	0.23	0.00
25.10	5.13	0.23	0.00	30.80	5.13	0.23	0.00
25.20	5.13	0.23	0.00	30.90	5.13	0.23	0.00
25.30	5.13	0.23	0.00	31.00	5.13	0.23	0.00
25.40	5.13	0.23	0.00	31.10	5.13	0.23	0.00
25.50	5.13	0.23	0.00	31.20	5.13	0.23	0.00
25.60	5.13	0.23	0.00	31.30	5.13	0.23	0.00
25.70	5.13	0.23	0.00	31.40	5.13	0.23	0.00
25.80	5.13	0.23	0.00	31.50	5.13	0.23	0.00
25.90	5.13	0.23	0.00	31.60	5.13	0.23	0.00
26.00	5.13	0.23	0.00	31.70	5.13	0.23	0.00
26.10	5.13	0.23	0.00	31.80	5.13	0.23	0.00
26.20	5.13	0.23	0.00	31.90	5.13	0.23	0.00
26.30	5.13	0.23	0.00	32.00	5.13	0.23	0.00
26.40	5.13	0.23	0.00	32.10	5.13	0.23	0.00
26.50	5.13	0.23	0.00	32.20	5.13	0.23	0.00
26.60	5.13	0.23	0.00	32.30	5.13	0.23	0.00
26.70	5.13	0.23	0.00	32.40	5.13	0.23	0.00
26.80	5.13	0.23	0.00	32.50	5.13	0.23	0.00
26.90	5.13	0.23	0.00	32.60	5.13	0.23	0.00
27.00	5.13	0.23	0.00	32.70	5.13	0.23	0.00
27.10	5.13	0.23	0.00	32.80	5.13	0.23	0.00
27.20	5.13	0.23	0.00	32.90	5.13	0.23	0.00
27.30	5.13	0.23	0.00	33.00	5.13	0.23	0.00
27.40	5.13	0.23	0.00	33.10	5.13	0.23	0.00
27.50	5.13	0.23	0.00	33.20	5.13	0.23	0.00
27.60	5.13	0.23	0.00	33.30	5.13	0.23	0.00
27.70	5.13	0.23	0.00	33.40	5.13	0.23	0.00
27.80	5.13	0.23	0.00	33.50	5.13	0.23	0.00
27.90	5.13	0.23	0.00	33.60	5.13	0.23	0.00
28.00	5.13	0.23	0.00	33.70	5.13	0.23	0.00
28.10	5.13	0.23	0.00	33.80	5.13	0.23	0.00
28.20	5.13	0.23	0.00	33.90	5.13	0.23	0.00
28.30	5.13	0.23	0.00	34.00	5.13	0.23	0.00
28.40	5.13	0.23	0.00	34.10	5.13	0.23	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	5.13	0.23	0.00	39.90	5.13	0.23	0.00
34.30	5.13	0.23	0.00	40.00	5.13	0.23	0.00
34.40	5.13	0.23	0.00	40.10	5.13	0.23	0.00
34.50	5.13	0.23	0.00	40.20	5.13	0.23	0.00
34.60	5.13	0.23	0.00	40.30	5.13	0.23	0.00
34.70	5.13	0.23	0.00	40.40	5.13	0.23	0.00
34.80	5.13	0.23	0.00	40.50	5.13	0.23	0.00
34.90	5.13	0.23	0.00	40.60	5.13	0.23	0.00
35.00	5.13	0.23	0.00	40.70	5.13	0.23	0.00
35.10	5.13	0.23	0.00	40.80	5.13	0.23	0.00
35.20	5.13	0.23	0.00	40.90	5.13	0.23	0.00
35.30	5.13	0.23	0.00	41.00	5.13	0.23	0.00
35.40	5.13	0.23	0.00	41.10	5.13	0.23	0.00
35.50	5.13	0.23	0.00	41.20	5.13	0.23	0.00
35.60	5.13	0.23	0.00	41.30	5.13	0.23	0.00
35.70	5.13	0.23	0.00	41.40	5.13	0.23	0.00
35.80	5.13	0.23	0.00	41.50	5.13	0.23	0.00
35.90	5.13	0.23	0.00	41.60	5.13	0.23	0.00
36.00	5.13	0.23	0.00	41.70	5.13	0.23	0.00
36.10	5.13	0.23	0.00	41.80	5.13	0.23	0.00
36.20	5.13	0.23	0.00	41.90	5.13	0.23	0.00
36.30	5.13	0.23	0.00	42.00	5.13	0.23	0.00
36.40	5.13	0.23	0.00	42.10	5.13	0.23	0.00
36.50	5.13	0.23	0.00	42.20	5.13	0.23	0.00
36.60	5.13	0.23	0.00	42.30	5.13	0.23	0.00
36.70	5.13	0.23	0.00	42.40	5.13	0.23	0.00
36.80	5.13	0.23	0.00	42.50	5.13	0.23	0.00
36.90	5.13	0.23	0.00	42.60	5.13	0.23	0.00
37.00	5.13	0.23	0.00	42.70	5.13	0.23	0.00
37.10	5.13	0.23	0.00	42.80	5.13	0.23	0.00
37.20	5.13	0.23	0.00	42.90	5.13	0.23	0.00
37.30	5.13	0.23	0.00	43.00	5.13	0.23	0.00
37.40	5.13	0.23	0.00	43.10	5.13	0.23	0.00
37.50	5.13	0.23	0.00	43.20	5.13	0.23	0.00
37.60	5.13	0.23	0.00	43.30	5.13	0.23	0.00
37.70	5.13	0.23	0.00	43.40	5.13	0.23	0.00
37.80	5.13	0.23	0.00	43.50	5.13	0.23	0.00
37.90	5.13	0.23	0.00	43.60	5.13	0.23	0.00
38.00	5.13	0.23	0.00	43.70	5.13	0.23	0.00
38.10	5.13	0.23	0.00	43.80	5.13	0.23	0.00
38.20	5.13	0.23	0.00	43.90	5.13	0.23	0.00
38.30	5.13	0.23	0.00	44.00	5.13	0.23	0.00
38.40	5.13	0.23	0.00	44.10	5.13	0.23	0.00
38.50	5.13	0.23	0.00	44.20	5.13	0.23	0.00
38.60	5.13	0.23	0.00	44.30	5.13	0.23	0.00
38.70	5.13	0.23	0.00	44.40	5.13	0.23	0.00
38.80	5.13	0.23	0.00	44.50	5.13	0.23	0.00
38.90	5.13	0.23	0.00	44.60	5.13	0.23	0.00
39.00	5.13	0.23	0.00	44.70	5.13	0.23	0.00
39.10	5.13	0.23	0.00	44.80	5.13	0.23	0.00
39.20	5.13	0.23	0.00	44.90	5.13	0.23	0.00
39.30	5.13	0.23	0.00	45.00	5.13	0.23	0.00
39.40	5.13	0.23	0.00	45.10	5.13	0.23	0.00
39.50	5.13	0.23	0.00	45.20	5.13	0.23	0.00
39.60	5.13	0.23	0.00	45.30	5.13	0.23	0.00
39.70	5.13	0.23	0.00	45.40	5.13	0.23	0.00
39.80	5.13	0.23	0.00	45.50	5.13	0.23	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	5.13	0.23	0.00	51.30	5.13	0.23	0.00
45.70	5.13	0.23	0.00	51.40	5.13	0.23	0.00
45.80	5.13	0.23	0.00	51.50	5.13	0.23	0.00
45.90	5.13	0.23	0.00	51.60	5.13	0.23	0.00
46.00	5.13	0.23	0.00	51.70	5.13	0.23	0.00
46.10	5.13	0.23	0.00	51.80	5.13	0.23	0.00
46.20	5.13	0.23	0.00	51.90	5.13	0.23	0.00
46.30	5.13	0.23	0.00	52.00	5.13	0.23	0.00
46.40	5.13	0.23	0.00	52.10	5.13	0.23	0.00
46.50	5.13	0.23	0.00	52.20	5.13	0.23	0.00
46.60	5.13	0.23	0.00	52.30	5.13	0.23	0.00
46.70	5.13	0.23	0.00	52.40	5.13	0.23	0.00
46.80	5.13	0.23	0.00	52.50	5.13	0.23	0.00
46.90	5.13	0.23	0.00	52.60	5.13	0.23	0.00
47.00	5.13	0.23	0.00	52.70	5.13	0.23	0.00
47.10	5.13	0.23	0.00	52.80	5.13	0.23	0.00
47.20	5.13	0.23	0.00	52.90	5.13	0.23	0.00
47.30	5.13	0.23	0.00	53.00	5.13	0.23	0.00
47.40	5.13	0.23	0.00	53.10	5.13	0.23	0.00
47.50	5.13	0.23	0.00	53.20	5.13	0.23	0.00
47.60	5.13	0.23	0.00	53.30	5.13	0.23	0.00
47.70	5.13	0.23	0.00	53.40	5.13	0.23	0.00
47.80	5.13	0.23	0.00	53.50	5.13	0.23	0.00
47.90	5.13	0.23	0.00	53.60	5.13	0.23	0.00
48.00	5.13	0.23	0.00	53.70	5.13	0.23	0.00
48.10	5.13	0.23	0.00	53.80	5.13	0.23	0.00
48.20	5.13	0.23	0.00	53.90	5.13	0.23	0.00
48.30	5.13	0.23	0.00	54.00	5.13	0.23	0.00
48.40	5.13	0.23	0.00	54.10	5.13	0.23	0.00
48.50	5.13	0.23	0.00	54.20	5.13	0.23	0.00
48.60	5.13	0.23	0.00	54.30	5.13	0.23	0.00
48.70	5.13	0.23	0.00	54.40	5.13	0.23	0.00
48.80	5.13	0.23	0.00	54.50	5.13	0.23	0.00
48.90	5.13	0.23	0.00	54.60	5.13	0.23	0.00
49.00	5.13	0.23	0.00	54.70	5.13	0.23	0.00
49.10	5.13	0.23	0.00	54.80	5.13	0.23	0.00
49.20	5.13	0.23	0.00	54.90	5.13	0.23	0.00
49.30	5.13	0.23	0.00	55.00	5.13	0.23	0.00
49.40	5.13	0.23	0.00	55.10	5.13	0.23	0.00
49.50	5.13	0.23	0.00	55.20	5.13	0.23	0.00
49.60	5.13	0.23	0.00	55.30	5.13	0.23	0.00
49.70	5.13	0.23	0.00	55.40	5.13	0.23	0.00
49.80	5.13	0.23	0.00	55.50	5.13	0.23	0.00
49.90	5.13	0.23	0.00	55.60	5.13	0.23	0.00
50.00	5.13	0.23	0.00	55.70	5.13	0.23	0.00
50.10	5.13	0.23	0.00	55.80	5.13	0.23	0.00
50.20	5.13	0.23	0.00	55.90	5.13	0.23	0.00
50.30	5.13	0.23	0.00	56.00	5.13	0.23	0.00
50.40	5.13	0.23	0.00	56.10	5.13	0.23	0.00
50.50	5.13	0.23	0.00	56.20	5.13	0.23	0.00
50.60	5.13	0.23	0.00	56.30	5.13	0.23	0.00
50.70	5.13	0.23	0.00	56.40	5.13	0.23	0.00
50.80	5.13	0.23	0.00	56.50	5.13	0.23	0.00
50.90	5.13	0.23	0.00	56.60	5.13	0.23	0.00
51.00	5.13	0.23	0.00	56.70	5.13	0.23	0.00
51.10	5.13	0.23	0.00	56.80	5.13	0.23	0.00
51.20	5.13	0.23	0.00	56.90	5.13	0.23	0.00

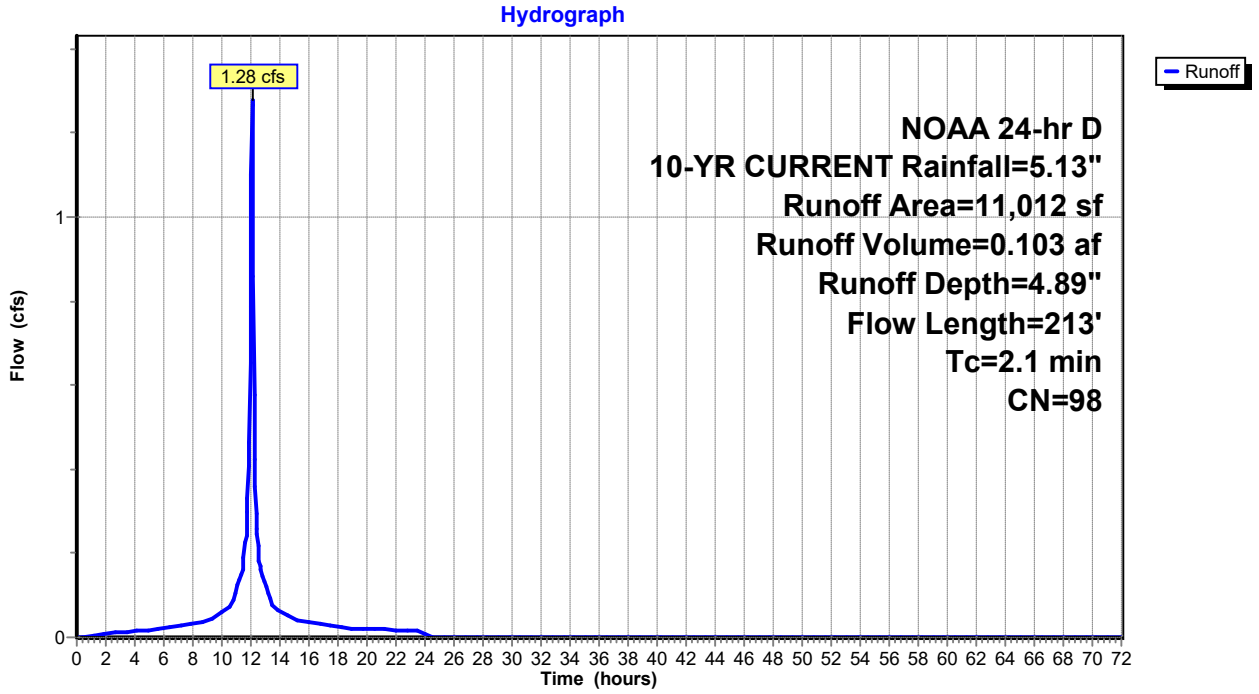
Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	5.13	0.23	0.00	62.70	5.13	0.23	0.00
57.10	5.13	0.23	0.00	62.80	5.13	0.23	0.00
57.20	5.13	0.23	0.00	62.90	5.13	0.23	0.00
57.30	5.13	0.23	0.00	63.00	5.13	0.23	0.00
57.40	5.13	0.23	0.00	63.10	5.13	0.23	0.00
57.50	5.13	0.23	0.00	63.20	5.13	0.23	0.00
57.60	5.13	0.23	0.00	63.30	5.13	0.23	0.00
57.70	5.13	0.23	0.00	63.40	5.13	0.23	0.00
57.80	5.13	0.23	0.00	63.50	5.13	0.23	0.00
57.90	5.13	0.23	0.00	63.60	5.13	0.23	0.00
58.00	5.13	0.23	0.00	63.70	5.13	0.23	0.00
58.10	5.13	0.23	0.00	63.80	5.13	0.23	0.00
58.20	5.13	0.23	0.00	63.90	5.13	0.23	0.00
58.30	5.13	0.23	0.00	64.00	5.13	0.23	0.00
58.40	5.13	0.23	0.00	64.10	5.13	0.23	0.00
58.50	5.13	0.23	0.00	64.20	5.13	0.23	0.00
58.60	5.13	0.23	0.00	64.30	5.13	0.23	0.00
58.70	5.13	0.23	0.00	64.40	5.13	0.23	0.00
58.80	5.13	0.23	0.00	64.50	5.13	0.23	0.00
58.90	5.13	0.23	0.00	64.60	5.13	0.23	0.00
59.00	5.13	0.23	0.00	64.70	5.13	0.23	0.00
59.10	5.13	0.23	0.00	64.80	5.13	0.23	0.00
59.20	5.13	0.23	0.00	64.90	5.13	0.23	0.00
59.30	5.13	0.23	0.00	65.00	5.13	0.23	0.00
59.40	5.13	0.23	0.00	65.10	5.13	0.23	0.00
59.50	5.13	0.23	0.00	65.20	5.13	0.23	0.00
59.60	5.13	0.23	0.00	65.30	5.13	0.23	0.00
59.70	5.13	0.23	0.00	65.40	5.13	0.23	0.00
59.80	5.13	0.23	0.00	65.50	5.13	0.23	0.00
59.90	5.13	0.23	0.00	65.60	5.13	0.23	0.00
60.00	5.13	0.23	0.00	65.70	5.13	0.23	0.00
60.10	5.13	0.23	0.00	65.80	5.13	0.23	0.00
60.20	5.13	0.23	0.00	65.90	5.13	0.23	0.00
60.30	5.13	0.23	0.00	66.00	5.13	0.23	0.00
60.40	5.13	0.23	0.00	66.10	5.13	0.23	0.00
60.50	5.13	0.23	0.00	66.20	5.13	0.23	0.00
60.60	5.13	0.23	0.00	66.30	5.13	0.23	0.00
60.70	5.13	0.23	0.00	66.40	5.13	0.23	0.00
60.80	5.13	0.23	0.00	66.50	5.13	0.23	0.00
60.90	5.13	0.23	0.00	66.60	5.13	0.23	0.00
61.00	5.13	0.23	0.00	66.70	5.13	0.23	0.00
61.10	5.13	0.23	0.00	66.80	5.13	0.23	0.00
61.20	5.13	0.23	0.00	66.90	5.13	0.23	0.00
61.30	5.13	0.23	0.00	67.00	5.13	0.23	0.00
61.40	5.13	0.23	0.00	67.10	5.13	0.23	0.00
61.50	5.13	0.23	0.00	67.20	5.13	0.23	0.00
61.60	5.13	0.23	0.00	67.30	5.13	0.23	0.00
61.70	5.13	0.23	0.00	67.40	5.13	0.23	0.00
61.80	5.13	0.23	0.00	67.50	5.13	0.23	0.00
61.90	5.13	0.23	0.00	67.60	5.13	0.23	0.00
62.00	5.13	0.23	0.00	67.70	5.13	0.23	0.00
62.10	5.13	0.23	0.00	67.80	5.13	0.23	0.00
62.20	5.13	0.23	0.00	67.90	5.13	0.23	0.00
62.30	5.13	0.23	0.00	68.00	5.13	0.23	0.00
62.40	5.13	0.23	0.00	68.10	5.13	0.23	0.00
62.50	5.13	0.23	0.00	68.20	5.13	0.23	0.00
62.60	5.13	0.23	0.00	68.30	5.13	0.23	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	5.13	0.23	0.00
68.50	5.13	0.23	0.00
68.60	5.13	0.23	0.00
68.70	5.13	0.23	0.00
68.80	5.13	0.23	0.00
68.90	5.13	0.23	0.00
69.00	5.13	0.23	0.00
69.10	5.13	0.23	0.00
69.20	5.13	0.23	0.00
69.30	5.13	0.23	0.00
69.40	5.13	0.23	0.00
69.50	5.13	0.23	0.00
69.60	5.13	0.23	0.00
69.70	5.13	0.23	0.00
69.80	5.13	0.23	0.00
69.90	5.13	0.23	0.00
70.00	5.13	0.23	0.00
70.10	5.13	0.23	0.00
70.20	5.13	0.23	0.00
70.30	5.13	0.23	0.00
70.40	5.13	0.23	0.00
70.50	5.13	0.23	0.00
70.60	5.13	0.23	0.00
70.70	5.13	0.23	0.00
70.80	5.13	0.23	0.00
70.90	5.13	0.23	0.00
71.00	5.13	0.23	0.00
71.10	5.13	0.23	0.00
71.20	5.13	0.23	0.00
71.30	5.13	0.23	0.00
71.40	5.13	0.23	0.00
71.50	5.13	0.23	0.00
71.60	5.13	0.23	0.00
71.70	5.13	0.23	0.00
71.80	5.13	0.23	0.00
71.90	5.13	0.23	0.00
72.00	5.13	0.23	0.00

Subcatchment 9S: PDA 2-Impervious



Hydrograph for Subcatchment 9S: PDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.41	0.24	0.02
0.10	0.01	0.00	0.00	5.80	0.42	0.25	0.02
0.20	0.01	0.00	0.00	5.90	0.43	0.25	0.02
0.30	0.02	0.00	0.00	6.00	0.44	0.26	0.02
0.40	0.02	0.00	0.00	6.10	0.45	0.27	0.02
0.50	0.03	0.00	0.00	6.20	0.46	0.28	0.02
0.60	0.03	0.00	0.00	6.30	0.47	0.29	0.02
0.70	0.04	0.00	0.00	6.40	0.48	0.30	0.02
0.80	0.05	0.00	0.00	6.50	0.49	0.31	0.02
0.90	0.05	0.00	0.00	6.60	0.50	0.31	0.02
1.00	0.06	0.00	0.00	6.70	0.51	0.32	0.02
1.10	0.06	0.00	0.00	6.80	0.52	0.33	0.03
1.20	0.07	0.00	0.00	6.90	0.53	0.34	0.03
1.30	0.08	0.01	0.00	7.00	0.54	0.35	0.03
1.40	0.08	0.01	0.00	7.10	0.55	0.37	0.03
1.50	0.09	0.01	0.01	7.20	0.56	0.38	0.03
1.60	0.10	0.01	0.01	7.30	0.58	0.39	0.03
1.70	0.10	0.01	0.01	7.40	0.59	0.40	0.03
1.80	0.11	0.02	0.01	7.50	0.60	0.41	0.03
1.90	0.12	0.02	0.01	7.60	0.61	0.42	0.03
2.00	0.12	0.02	0.01	7.70	0.63	0.43	0.03
2.10	0.13	0.03	0.01	7.80	0.64	0.45	0.03
2.20	0.14	0.03	0.01	7.90	0.65	0.46	0.03
2.30	0.14	0.03	0.01	8.00	0.67	0.47	0.03
2.40	0.15	0.04	0.01	8.10	0.68	0.48	0.03
2.50	0.16	0.04	0.01	8.20	0.69	0.50	0.03
2.60	0.16	0.05	0.01	8.30	0.71	0.51	0.03
2.70	0.17	0.05	0.01	8.40	0.72	0.52	0.03
2.80	0.18	0.06	0.01	8.50	0.74	0.54	0.04
2.90	0.19	0.06	0.01	8.60	0.75	0.55	0.04
3.00	0.19	0.07	0.01	8.70	0.77	0.57	0.04
3.10	0.20	0.07	0.01	8.80	0.78	0.58	0.04
3.20	0.21	0.08	0.01	8.90	0.80	0.60	0.04
3.30	0.22	0.08	0.01	9.00	0.81	0.61	0.04
3.40	0.22	0.09	0.01	9.10	0.83	0.63	0.04
3.50	0.23	0.09	0.01	9.20	0.85	0.64	0.04
3.60	0.24	0.10	0.01	9.30	0.87	0.66	0.04
3.70	0.25	0.10	0.01	9.40	0.89	0.68	0.05
3.80	0.25	0.11	0.01	9.50	0.91	0.70	0.05
3.90	0.26	0.11	0.02	9.60	0.93	0.72	0.05
4.00	0.27	0.12	0.02	9.70	0.95	0.74	0.05
4.10	0.28	0.13	0.02	9.80	0.97	0.76	0.05
4.20	0.28	0.13	0.02	9.90	0.99	0.78	0.06
4.30	0.29	0.14	0.02	10.00	1.02	0.81	0.06
4.40	0.30	0.15	0.02	10.10	1.04	0.83	0.06
4.50	0.31	0.15	0.02	10.20	1.07	0.86	0.06
4.60	0.32	0.16	0.02	10.30	1.09	0.88	0.07
4.70	0.33	0.17	0.02	10.40	1.12	0.91	0.07
4.80	0.33	0.17	0.02	10.50	1.15	0.94	0.07
4.90	0.34	0.18	0.02	10.60	1.18	0.97	0.08
5.00	0.35	0.19	0.02	10.70	1.21	1.00	0.08
5.10	0.36	0.19	0.02	10.80	1.25	1.04	0.09
5.20	0.37	0.20	0.02	10.90	1.29	1.07	0.10
5.30	0.38	0.21	0.02	11.00	1.33	1.12	0.11
5.40	0.38	0.22	0.02	11.10	1.38	1.16	0.12
5.50	0.39	0.22	0.02	11.20	1.43	1.22	0.13
5.60	0.40	0.23	0.02	11.30	1.49	1.27	0.15

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.56	1.34	0.16	17.10	4.60	4.36	0.03
11.50	1.63	1.40	0.17	17.20	4.61	4.38	0.03
11.60	1.72	1.50	0.23	17.30	4.62	4.39	0.03
11.70	1.82	1.59	0.25	17.40	4.63	4.40	0.03
11.80	1.95	1.73	0.33	17.50	4.64	4.41	0.03
11.90	2.14	1.91	0.46	17.60	4.65	4.42	0.03
12.00	2.46	2.23	0.79	17.70	4.66	4.43	0.03
12.10	2.99	2.76	**1.26**	17.80	4.67	4.44	0.02
12.20	3.18	2.95	0.58	17.90	4.68	4.45	0.02
12.30	3.31	3.08	0.36	18.00	4.69	4.46	0.02
12.40	3.41	3.18	0.26	18.10	4.70	4.46	0.02
12.50	3.50	3.27	0.24	18.20	4.71	4.47	0.02
12.60	3.57	3.34	0.18	18.30	4.72	4.48	0.02
12.70	3.64	3.40	0.16	18.40	4.73	4.49	0.02
12.80	3.70	3.46	0.15	18.50	4.74	4.50	0.02
12.90	3.75	3.51	0.14	18.60	4.75	4.51	0.02
13.00	3.80	3.56	0.12	18.70	4.75	4.52	0.02
13.10	3.84	3.60	0.11	18.80	4.76	4.53	0.02
13.20	3.88	3.64	0.10	18.90	4.77	4.53	0.02
13.30	3.92	3.68	0.09	19.00	4.78	4.54	0.02
13.40	3.95	3.72	0.09	19.10	4.79	4.55	0.02
13.50	3.98	3.75	0.08	19.20	4.80	4.56	0.02
13.60	4.01	3.77	0.07	19.30	4.80	4.57	0.02
13.70	4.04	3.80	0.07	19.40	4.81	4.58	0.02
13.80	4.06	3.83	0.07	19.50	4.82	4.58	0.02
13.90	4.09	3.85	0.07	19.60	4.83	4.59	0.02
14.00	4.11	3.88	0.06	19.70	4.84	4.60	0.02
14.10	4.14	3.90	0.06	19.80	4.85	4.61	0.02
14.20	4.16	3.92	0.06	19.90	4.85	4.62	0.02
14.30	4.18	3.95	0.06	20.00	4.86	4.62	0.02
14.40	4.20	3.97	0.05	20.10	4.87	4.63	0.02
14.50	4.22	3.99	0.05	20.20	4.88	4.64	0.02
14.60	4.24	4.01	0.05	20.30	4.88	4.65	0.02
14.70	4.26	4.03	0.05	20.40	4.89	4.66	0.02
14.80	4.28	4.05	0.05	20.50	4.90	4.66	0.02
14.90	4.30	4.06	0.04	20.60	4.91	4.67	0.02
15.00	4.32	4.08	0.04	20.70	4.91	4.68	0.02
15.10	4.33	4.10	0.04	20.80	4.92	4.69	0.02
15.20	4.35	4.11	0.04	20.90	4.93	4.69	0.02
15.30	4.36	4.13	0.04	21.00	4.94	4.70	0.02
15.40	4.38	4.14	0.04	21.10	4.94	4.71	0.02
15.50	4.39	4.16	0.04	21.20	4.95	4.71	0.02
15.60	4.41	4.17	0.04	21.30	4.96	4.72	0.02
15.70	4.42	4.19	0.04	21.40	4.97	4.73	0.02
15.80	4.44	4.20	0.04	21.50	4.97	4.74	0.02
15.90	4.45	4.21	0.04	21.60	4.98	4.74	0.02
16.00	4.46	4.23	0.04	21.70	4.99	4.75	0.02
16.10	4.48	4.24	0.03	21.80	4.99	4.76	0.02
16.20	4.49	4.26	0.03	21.90	5.00	4.76	0.02
16.30	4.50	4.27	0.03	22.00	5.01	4.77	0.02
16.40	4.52	4.28	0.03	22.10	5.01	4.78	0.02
16.50	4.53	4.29	0.03	22.20	5.02	4.78	0.02
16.60	4.54	4.31	0.03	22.30	5.03	4.79	0.02
16.70	4.55	4.32	0.03	22.40	5.03	4.80	0.02
16.80	4.57	4.33	0.03	22.50	5.04	4.80	0.02
16.90	4.58	4.34	0.03	22.60	5.05	4.81	0.02
17.00	4.59	4.35	0.03	22.70	5.05	4.82	0.02

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	5.06	4.82	0.02	28.50	5.13	4.89	0.00
22.90	5.07	4.83	0.02	28.60	5.13	4.89	0.00
23.00	5.07	4.83	0.02	28.70	5.13	4.89	0.00
23.10	5.08	4.84	0.02	28.80	5.13	4.89	0.00
23.20	5.08	4.85	0.02	28.90	5.13	4.89	0.00
23.30	5.09	4.85	0.02	29.00	5.13	4.89	0.00
23.40	5.10	4.86	0.02	29.10	5.13	4.89	0.00
23.50	5.10	4.86	0.02	29.20	5.13	4.89	0.00
23.60	5.11	4.87	0.01	29.30	5.13	4.89	0.00
23.70	5.11	4.88	0.01	29.40	5.13	4.89	0.00
23.80	5.12	4.88	0.01	29.50	5.13	4.89	0.00
23.90	5.12	4.89	0.01	29.60	5.13	4.89	0.00
24.00	**5.13**	**4.89**	0.01	29.70	5.13	4.89	0.00
24.10	5.13	4.89	0.00	29.80	5.13	4.89	0.00
24.20	5.13	4.89	0.00	29.90	5.13	4.89	0.00
24.30	5.13	4.89	0.00	30.00	5.13	4.89	0.00
24.40	5.13	4.89	0.00	30.10	5.13	4.89	0.00
24.50	5.13	4.89	0.00	30.20	5.13	4.89	0.00
24.60	5.13	4.89	0.00	30.30	5.13	4.89	0.00
24.70	5.13	4.89	0.00	30.40	5.13	4.89	0.00
24.80	5.13	4.89	0.00	30.50	5.13	4.89	0.00
24.90	5.13	4.89	0.00	30.60	5.13	4.89	0.00
25.00	5.13	4.89	0.00	30.70	5.13	4.89	0.00
25.10	5.13	4.89	0.00	30.80	5.13	4.89	0.00
25.20	5.13	4.89	0.00	30.90	5.13	4.89	0.00
25.30	5.13	4.89	0.00	31.00	5.13	4.89	0.00
25.40	5.13	4.89	0.00	31.10	5.13	4.89	0.00
25.50	5.13	4.89	0.00	31.20	5.13	4.89	0.00
25.60	5.13	4.89	0.00	31.30	5.13	4.89	0.00
25.70	5.13	4.89	0.00	31.40	5.13	4.89	0.00
25.80	5.13	4.89	0.00	31.50	5.13	4.89	0.00
25.90	5.13	4.89	0.00	31.60	5.13	4.89	0.00
26.00	5.13	4.89	0.00	31.70	5.13	4.89	0.00
26.10	5.13	4.89	0.00	31.80	5.13	4.89	0.00
26.20	5.13	4.89	0.00	31.90	5.13	4.89	0.00
26.30	5.13	4.89	0.00	32.00	5.13	4.89	0.00
26.40	5.13	4.89	0.00	32.10	5.13	4.89	0.00
26.50	5.13	4.89	0.00	32.20	5.13	4.89	0.00
26.60	5.13	4.89	0.00	32.30	5.13	4.89	0.00
26.70	5.13	4.89	0.00	32.40	5.13	4.89	0.00
26.80	5.13	4.89	0.00	32.50	5.13	4.89	0.00
26.90	5.13	4.89	0.00	32.60	5.13	4.89	0.00
27.00	5.13	4.89	0.00	32.70	5.13	4.89	0.00
27.10	5.13	4.89	0.00	32.80	5.13	4.89	0.00
27.20	5.13	4.89	0.00	32.90	5.13	4.89	0.00
27.30	5.13	4.89	0.00	33.00	5.13	4.89	0.00
27.40	5.13	4.89	0.00	33.10	5.13	4.89	0.00
27.50	5.13	4.89	0.00	33.20	5.13	4.89	0.00
27.60	5.13	4.89	0.00	33.30	5.13	4.89	0.00
27.70	5.13	4.89	0.00	33.40	5.13	4.89	0.00
27.80	5.13	4.89	0.00	33.50	5.13	4.89	0.00
27.90	5.13	4.89	0.00	33.60	5.13	4.89	0.00
28.00	5.13	4.89	0.00	33.70	5.13	4.89	0.00
28.10	5.13	4.89	0.00	33.80	5.13	4.89	0.00
28.20	5.13	4.89	0.00	33.90	5.13	4.89	0.00
28.30	5.13	4.89	0.00	34.00	5.13	4.89	0.00
28.40	5.13	4.89	0.00	34.10	5.13	4.89	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	5.13	4.89	0.00	39.90	5.13	4.89	0.00
34.30	5.13	4.89	0.00	40.00	5.13	4.89	0.00
34.40	5.13	4.89	0.00	40.10	5.13	4.89	0.00
34.50	5.13	4.89	0.00	40.20	5.13	4.89	0.00
34.60	5.13	4.89	0.00	40.30	5.13	4.89	0.00
34.70	5.13	4.89	0.00	40.40	5.13	4.89	0.00
34.80	5.13	4.89	0.00	40.50	5.13	4.89	0.00
34.90	5.13	4.89	0.00	40.60	5.13	4.89	0.00
35.00	5.13	4.89	0.00	40.70	5.13	4.89	0.00
35.10	5.13	4.89	0.00	40.80	5.13	4.89	0.00
35.20	5.13	4.89	0.00	40.90	5.13	4.89	0.00
35.30	5.13	4.89	0.00	41.00	5.13	4.89	0.00
35.40	5.13	4.89	0.00	41.10	5.13	4.89	0.00
35.50	5.13	4.89	0.00	41.20	5.13	4.89	0.00
35.60	5.13	4.89	0.00	41.30	5.13	4.89	0.00
35.70	5.13	4.89	0.00	41.40	5.13	4.89	0.00
35.80	5.13	4.89	0.00	41.50	5.13	4.89	0.00
35.90	5.13	4.89	0.00	41.60	5.13	4.89	0.00
36.00	5.13	4.89	0.00	41.70	5.13	4.89	0.00
36.10	5.13	4.89	0.00	41.80	5.13	4.89	0.00
36.20	5.13	4.89	0.00	41.90	5.13	4.89	0.00
36.30	5.13	4.89	0.00	42.00	5.13	4.89	0.00
36.40	5.13	4.89	0.00	42.10	5.13	4.89	0.00
36.50	5.13	4.89	0.00	42.20	5.13	4.89	0.00
36.60	5.13	4.89	0.00	42.30	5.13	4.89	0.00
36.70	5.13	4.89	0.00	42.40	5.13	4.89	0.00
36.80	5.13	4.89	0.00	42.50	5.13	4.89	0.00
36.90	5.13	4.89	0.00	42.60	5.13	4.89	0.00
37.00	5.13	4.89	0.00	42.70	5.13	4.89	0.00
37.10	5.13	4.89	0.00	42.80	5.13	4.89	0.00
37.20	5.13	4.89	0.00	42.90	5.13	4.89	0.00
37.30	5.13	4.89	0.00	43.00	5.13	4.89	0.00
37.40	5.13	4.89	0.00	43.10	5.13	4.89	0.00
37.50	5.13	4.89	0.00	43.20	5.13	4.89	0.00
37.60	5.13	4.89	0.00	43.30	5.13	4.89	0.00
37.70	5.13	4.89	0.00	43.40	5.13	4.89	0.00
37.80	5.13	4.89	0.00	43.50	5.13	4.89	0.00
37.90	5.13	4.89	0.00	43.60	5.13	4.89	0.00
38.00	5.13	4.89	0.00	43.70	5.13	4.89	0.00
38.10	5.13	4.89	0.00	43.80	5.13	4.89	0.00
38.20	5.13	4.89	0.00	43.90	5.13	4.89	0.00
38.30	5.13	4.89	0.00	44.00	5.13	4.89	0.00
38.40	5.13	4.89	0.00	44.10	5.13	4.89	0.00
38.50	5.13	4.89	0.00	44.20	5.13	4.89	0.00
38.60	5.13	4.89	0.00	44.30	5.13	4.89	0.00
38.70	5.13	4.89	0.00	44.40	5.13	4.89	0.00
38.80	5.13	4.89	0.00	44.50	5.13	4.89	0.00
38.90	5.13	4.89	0.00	44.60	5.13	4.89	0.00
39.00	5.13	4.89	0.00	44.70	5.13	4.89	0.00
39.10	5.13	4.89	0.00	44.80	5.13	4.89	0.00
39.20	5.13	4.89	0.00	44.90	5.13	4.89	0.00
39.30	5.13	4.89	0.00	45.00	5.13	4.89	0.00
39.40	5.13	4.89	0.00	45.10	5.13	4.89	0.00
39.50	5.13	4.89	0.00	45.20	5.13	4.89	0.00
39.60	5.13	4.89	0.00	45.30	5.13	4.89	0.00
39.70	5.13	4.89	0.00	45.40	5.13	4.89	0.00
39.80	5.13	4.89	0.00	45.50	5.13	4.89	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	5.13	4.89	0.00	51.30	5.13	4.89	0.00
45.70	5.13	4.89	0.00	51.40	5.13	4.89	0.00
45.80	5.13	4.89	0.00	51.50	5.13	4.89	0.00
45.90	5.13	4.89	0.00	51.60	5.13	4.89	0.00
46.00	5.13	4.89	0.00	51.70	5.13	4.89	0.00
46.10	5.13	4.89	0.00	51.80	5.13	4.89	0.00
46.20	5.13	4.89	0.00	51.90	5.13	4.89	0.00
46.30	5.13	4.89	0.00	52.00	5.13	4.89	0.00
46.40	5.13	4.89	0.00	52.10	5.13	4.89	0.00
46.50	5.13	4.89	0.00	52.20	5.13	4.89	0.00
46.60	5.13	4.89	0.00	52.30	5.13	4.89	0.00
46.70	5.13	4.89	0.00	52.40	5.13	4.89	0.00
46.80	5.13	4.89	0.00	52.50	5.13	4.89	0.00
46.90	5.13	4.89	0.00	52.60	5.13	4.89	0.00
47.00	5.13	4.89	0.00	52.70	5.13	4.89	0.00
47.10	5.13	4.89	0.00	52.80	5.13	4.89	0.00
47.20	5.13	4.89	0.00	52.90	5.13	4.89	0.00
47.30	5.13	4.89	0.00	53.00	5.13	4.89	0.00
47.40	5.13	4.89	0.00	53.10	5.13	4.89	0.00
47.50	5.13	4.89	0.00	53.20	5.13	4.89	0.00
47.60	5.13	4.89	0.00	53.30	5.13	4.89	0.00
47.70	5.13	4.89	0.00	53.40	5.13	4.89	0.00
47.80	5.13	4.89	0.00	53.50	5.13	4.89	0.00
47.90	5.13	4.89	0.00	53.60	5.13	4.89	0.00
48.00	5.13	4.89	0.00	53.70	5.13	4.89	0.00
48.10	5.13	4.89	0.00	53.80	5.13	4.89	0.00
48.20	5.13	4.89	0.00	53.90	5.13	4.89	0.00
48.30	5.13	4.89	0.00	54.00	5.13	4.89	0.00
48.40	5.13	4.89	0.00	54.10	5.13	4.89	0.00
48.50	5.13	4.89	0.00	54.20	5.13	4.89	0.00
48.60	5.13	4.89	0.00	54.30	5.13	4.89	0.00
48.70	5.13	4.89	0.00	54.40	5.13	4.89	0.00
48.80	5.13	4.89	0.00	54.50	5.13	4.89	0.00
48.90	5.13	4.89	0.00	54.60	5.13	4.89	0.00
49.00	5.13	4.89	0.00	54.70	5.13	4.89	0.00
49.10	5.13	4.89	0.00	54.80	5.13	4.89	0.00
49.20	5.13	4.89	0.00	54.90	5.13	4.89	0.00
49.30	5.13	4.89	0.00	55.00	5.13	4.89	0.00
49.40	5.13	4.89	0.00	55.10	5.13	4.89	0.00
49.50	5.13	4.89	0.00	55.20	5.13	4.89	0.00
49.60	5.13	4.89	0.00	55.30	5.13	4.89	0.00
49.70	5.13	4.89	0.00	55.40	5.13	4.89	0.00
49.80	5.13	4.89	0.00	55.50	5.13	4.89	0.00
49.90	5.13	4.89	0.00	55.60	5.13	4.89	0.00
50.00	5.13	4.89	0.00	55.70	5.13	4.89	0.00
50.10	5.13	4.89	0.00	55.80	5.13	4.89	0.00
50.20	5.13	4.89	0.00	55.90	5.13	4.89	0.00
50.30	5.13	4.89	0.00	56.00	5.13	4.89	0.00
50.40	5.13	4.89	0.00	56.10	5.13	4.89	0.00
50.50	5.13	4.89	0.00	56.20	5.13	4.89	0.00
50.60	5.13	4.89	0.00	56.30	5.13	4.89	0.00
50.70	5.13	4.89	0.00	56.40	5.13	4.89	0.00
50.80	5.13	4.89	0.00	56.50	5.13	4.89	0.00
50.90	5.13	4.89	0.00	56.60	5.13	4.89	0.00
51.00	5.13	4.89	0.00	56.70	5.13	4.89	0.00
51.10	5.13	4.89	0.00	56.80	5.13	4.89	0.00
51.20	5.13	4.89	0.00	56.90	5.13	4.89	0.00

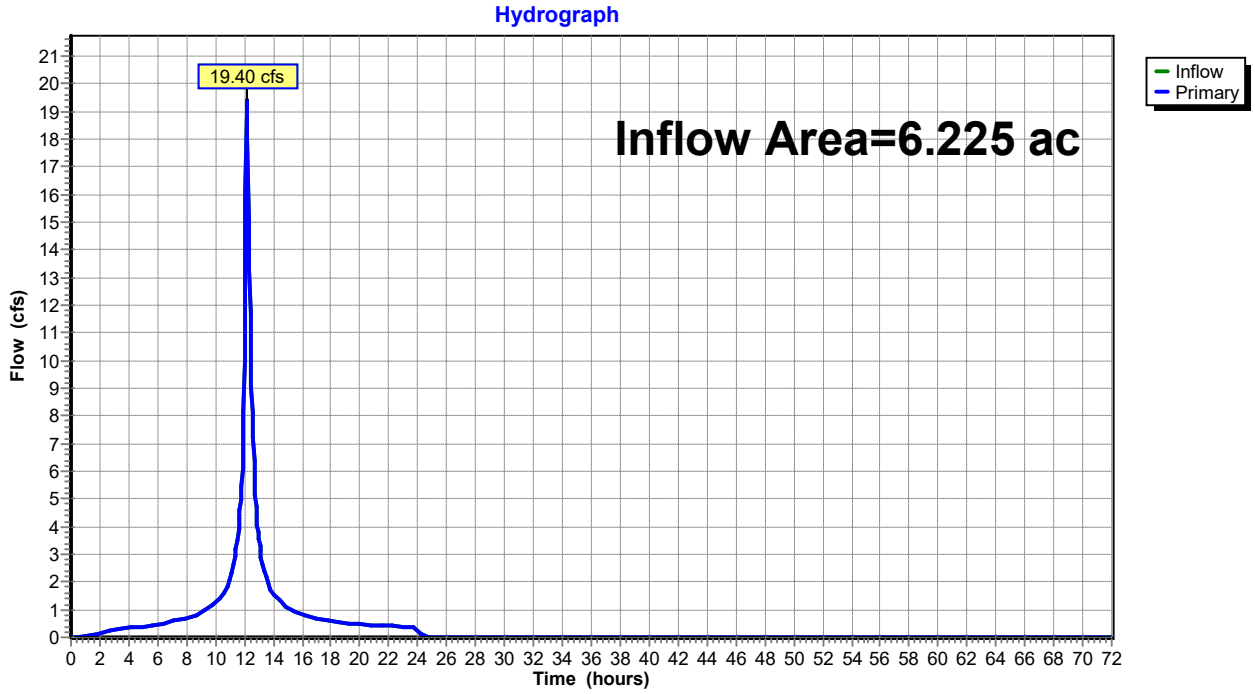
Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	5.13	4.89	0.00	62.70	5.13	4.89	0.00
57.10	5.13	4.89	0.00	62.80	5.13	4.89	0.00
57.20	5.13	4.89	0.00	62.90	5.13	4.89	0.00
57.30	5.13	4.89	0.00	63.00	5.13	4.89	0.00
57.40	5.13	4.89	0.00	63.10	5.13	4.89	0.00
57.50	5.13	4.89	0.00	63.20	5.13	4.89	0.00
57.60	5.13	4.89	0.00	63.30	5.13	4.89	0.00
57.70	5.13	4.89	0.00	63.40	5.13	4.89	0.00
57.80	5.13	4.89	0.00	63.50	5.13	4.89	0.00
57.90	5.13	4.89	0.00	63.60	5.13	4.89	0.00
58.00	5.13	4.89	0.00	63.70	5.13	4.89	0.00
58.10	5.13	4.89	0.00	63.80	5.13	4.89	0.00
58.20	5.13	4.89	0.00	63.90	5.13	4.89	0.00
58.30	5.13	4.89	0.00	64.00	5.13	4.89	0.00
58.40	5.13	4.89	0.00	64.10	5.13	4.89	0.00
58.50	5.13	4.89	0.00	64.20	5.13	4.89	0.00
58.60	5.13	4.89	0.00	64.30	5.13	4.89	0.00
58.70	5.13	4.89	0.00	64.40	5.13	4.89	0.00
58.80	5.13	4.89	0.00	64.50	5.13	4.89	0.00
58.90	5.13	4.89	0.00	64.60	5.13	4.89	0.00
59.00	5.13	4.89	0.00	64.70	5.13	4.89	0.00
59.10	5.13	4.89	0.00	64.80	5.13	4.89	0.00
59.20	5.13	4.89	0.00	64.90	5.13	4.89	0.00
59.30	5.13	4.89	0.00	65.00	5.13	4.89	0.00
59.40	5.13	4.89	0.00	65.10	5.13	4.89	0.00
59.50	5.13	4.89	0.00	65.20	5.13	4.89	0.00
59.60	5.13	4.89	0.00	65.30	5.13	4.89	0.00
59.70	5.13	4.89	0.00	65.40	5.13	4.89	0.00
59.80	5.13	4.89	0.00	65.50	5.13	4.89	0.00
59.90	5.13	4.89	0.00	65.60	5.13	4.89	0.00
60.00	5.13	4.89	0.00	65.70	5.13	4.89	0.00
60.10	5.13	4.89	0.00	65.80	5.13	4.89	0.00
60.20	5.13	4.89	0.00	65.90	5.13	4.89	0.00
60.30	5.13	4.89	0.00	66.00	5.13	4.89	0.00
60.40	5.13	4.89	0.00	66.10	5.13	4.89	0.00
60.50	5.13	4.89	0.00	66.20	5.13	4.89	0.00
60.60	5.13	4.89	0.00	66.30	5.13	4.89	0.00
60.70	5.13	4.89	0.00	66.40	5.13	4.89	0.00
60.80	5.13	4.89	0.00	66.50	5.13	4.89	0.00
60.90	5.13	4.89	0.00	66.60	5.13	4.89	0.00
61.00	5.13	4.89	0.00	66.70	5.13	4.89	0.00
61.10	5.13	4.89	0.00	66.80	5.13	4.89	0.00
61.20	5.13	4.89	0.00	66.90	5.13	4.89	0.00
61.30	5.13	4.89	0.00	67.00	5.13	4.89	0.00
61.40	5.13	4.89	0.00	67.10	5.13	4.89	0.00
61.50	5.13	4.89	0.00	67.20	5.13	4.89	0.00
61.60	5.13	4.89	0.00	67.30	5.13	4.89	0.00
61.70	5.13	4.89	0.00	67.40	5.13	4.89	0.00
61.80	5.13	4.89	0.00	67.50	5.13	4.89	0.00
61.90	5.13	4.89	0.00	67.60	5.13	4.89	0.00
62.00	5.13	4.89	0.00	67.70	5.13	4.89	0.00
62.10	5.13	4.89	0.00	67.80	5.13	4.89	0.00
62.20	5.13	4.89	0.00	67.90	5.13	4.89	0.00
62.30	5.13	4.89	0.00	68.00	5.13	4.89	0.00
62.40	5.13	4.89	0.00	68.10	5.13	4.89	0.00
62.50	5.13	4.89	0.00	68.20	5.13	4.89	0.00
62.60	5.13	4.89	0.00	68.30	5.13	4.89	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	5.13	4.89	0.00
68.50	5.13	4.89	0.00
68.60	5.13	4.89	0.00
68.70	5.13	4.89	0.00
68.80	5.13	4.89	0.00
68.90	5.13	4.89	0.00
69.00	5.13	4.89	0.00
69.10	5.13	4.89	0.00
69.20	5.13	4.89	0.00
69.30	5.13	4.89	0.00
69.40	5.13	4.89	0.00
69.50	5.13	4.89	0.00
69.60	5.13	4.89	0.00
69.70	5.13	4.89	0.00
69.80	5.13	4.89	0.00
69.90	5.13	4.89	0.00
70.00	5.13	4.89	0.00
70.10	5.13	4.89	0.00
70.20	5.13	4.89	0.00
70.30	5.13	4.89	0.00
70.40	5.13	4.89	0.00
70.50	5.13	4.89	0.00
70.60	5.13	4.89	0.00
70.70	5.13	4.89	0.00
70.80	5.13	4.89	0.00
70.90	5.13	4.89	0.00
71.00	5.13	4.89	0.00
71.10	5.13	4.89	0.00
71.20	5.13	4.89	0.00
71.30	5.13	4.89	0.00
71.40	5.13	4.89	0.00
71.50	5.13	4.89	0.00
71.60	5.13	4.89	0.00
71.70	5.13	4.89	0.00
71.80	5.13	4.89	0.00
71.90	5.13	4.89	0.00
72.00	5.13	4.89	0.00

Link 8L: POA-1


Hydrograph
19.40 cfs
Inflow Area=6.225 ac
Inflow
Primary
Flow (cfs)
Time (hours)

Hydrograph for Link 8L: POA-1

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.44	0.00	0.44
0.10	0.00	0.00	0.00	5.80	0.44	0.00	0.44
0.20	0.00	0.00	0.00	5.90	0.45	0.00	0.45
0.30	0.00	0.00	0.00	6.00	0.45	0.00	0.45
0.40	0.00	0.00	0.00	6.10	0.46	0.00	0.46
0.50	0.00	0.00	0.00	6.20	0.47	0.00	0.47
0.60	0.00	0.00	0.00	6.30	0.48	0.00	0.48
0.70	0.00	0.00	0.00	6.40	0.50	0.00	0.50
0.80	0.00	0.00	0.00	6.50	0.51	0.00	0.51
0.90	0.01	0.00	0.01	6.60	0.52	0.00	0.52
1.00	0.02	0.00	0.02	6.70	0.53	0.00	0.53
1.10	0.03	0.00	0.03	6.80	0.55	0.00	0.55
1.20	0.05	0.00	0.05	6.90	0.56	0.00	0.56
1.30	0.07	0.00	0.07	7.00	0.58	0.00	0.58
1.40	0.08	0.00	0.08	7.10	0.59	0.00	0.59
1.50	0.10	0.00	0.10	7.20	0.60	0.00	0.60
1.60	0.11	0.00	0.11	7.30	0.62	0.00	0.62
1.70	0.13	0.00	0.13	7.40	0.63	0.00	0.63
1.80	0.14	0.00	0.14	7.50	0.65	0.00	0.65
1.90	0.15	0.00	0.15	7.60	0.66	0.00	0.66
2.00	0.17	0.00	0.17	7.70	0.67	0.00	0.67
2.10	0.18	0.00	0.18	7.80	0.69	0.00	0.69
2.20	0.19	0.00	0.19	7.90	0.70	0.00	0.70
2.30	0.20	0.00	0.20	8.00	0.72	0.00	0.72
2.40	0.21	0.00	0.21	8.10	0.73	0.00	0.73
2.50	0.22	0.00	0.22	8.20	0.75	0.00	0.75
2.60	0.23	0.00	0.23	8.30	0.76	0.00	0.76
2.70	0.24	0.00	0.24	8.40	0.77	0.00	0.77
2.80	0.25	0.00	0.25	8.50	0.79	0.00	0.79
2.90	0.26	0.00	0.26	8.60	0.80	0.00	0.80
3.00	0.27	0.00	0.27	8.70	0.82	0.00	0.82
3.10	0.28	0.00	0.28	8.80	0.83	0.00	0.83
3.20	0.28	0.00	0.28	8.90	0.85	0.00	0.85
3.30	0.29	0.00	0.29	9.00	0.86	0.00	0.86
3.40	0.30	0.00	0.30	9.10	0.88	0.00	0.88
3.50	0.31	0.00	0.31	9.20	0.91	0.00	0.91
3.60	0.31	0.00	0.31	9.30	0.95	0.00	0.95
3.70	0.32	0.00	0.32	9.40	0.99	0.00	0.99
3.80	0.33	0.00	0.33	9.50	1.04	0.00	1.04
3.90	0.34	0.00	0.34	9.60	1.08	0.00	1.08
4.00	0.34	0.00	0.34	9.70	1.13	0.00	1.13
4.10	0.35	0.00	0.35	9.80	1.18	0.00	1.18
4.20	0.36	0.00	0.36	9.90	1.22	0.00	1.22
4.30	0.36	0.00	0.36	10.00	1.27	0.00	1.27
4.40	0.37	0.00	0.37	10.10	1.32	0.00	1.32
4.50	0.37	0.00	0.37	10.20	1.37	0.00	1.37
4.60	0.38	0.00	0.38	10.30	1.41	0.00	1.41
4.70	0.39	0.00	0.39	10.40	1.46	0.00	1.46
4.80	0.39	0.00	0.39	10.50	1.51	0.00	1.51
4.90	0.40	0.00	0.40	10.60	1.58	0.00	1.58
5.00	0.40	0.00	0.40	10.70	1.69	0.00	1.69
5.10	0.41	0.00	0.41	10.80	1.83	0.00	1.83
5.20	0.41	0.00	0.41	10.90	1.99	0.00	1.99
5.30	0.42	0.00	0.42	11.00	2.15	0.00	2.15
5.40	0.42	0.00	0.42	11.10	2.34	0.00	2.34
5.50	0.43	0.00	0.43	11.20	2.58	0.00	2.58
5.60	0.43	0.00	0.43	11.30	2.85	0.00	2.85

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	3.13	0.00	3.13	17.10	0.69	0.00	0.69
11.50	3.43	0.00	3.43	17.20	0.68	0.00	0.68
11.60	3.92	0.00	3.92	17.30	0.66	0.00	0.66
11.70	4.60	0.00	4.60	17.40	0.65	0.00	0.65
11.80	5.44	0.00	5.44	17.50	0.64	0.00	0.64
11.90	6.99	0.00	6.99	17.60	0.62	0.00	0.62
12.00	10.03	0.00	10.03	17.70	0.61	0.00	0.61
12.10	**15.96**	0.00	**15.96**	17.80	0.60	0.00	0.60
12.20	**19.01**	0.00	**19.01**	17.90	0.58	0.00	0.58
12.30	15.13	0.00	15.13	18.00	0.57	0.00	0.57
12.40	11.67	0.00	11.67	18.10	0.56	0.00	0.56
12.50	9.08	0.00	9.08	18.20	0.54	0.00	0.54
12.60	7.21	0.00	7.21	18.30	0.54	0.00	0.54
12.70	5.68	0.00	5.68	18.40	0.53	0.00	0.53
12.80	4.69	0.00	4.69	18.50	0.52	0.00	0.52
12.90	4.04	0.00	4.04	18.60	0.52	0.00	0.52
13.00	3.54	0.00	3.54	18.70	0.52	0.00	0.52
13.10	3.13	0.00	3.13	18.80	0.51	0.00	0.51
13.20	2.81	0.00	2.81	18.90	0.51	0.00	0.51
13.30	2.56	0.00	2.56	19.00	0.51	0.00	0.51
13.40	2.35	0.00	2.35	19.10	0.50	0.00	0.50
13.50	2.15	0.00	2.15	19.20	0.50	0.00	0.50
13.60	1.97	0.00	1.97	19.30	0.50	0.00	0.50
13.70	1.82	0.00	1.82	19.40	0.49	0.00	0.49
13.80	1.71	0.00	1.71	19.50	0.49	0.00	0.49
13.90	1.63	0.00	1.63	19.60	0.49	0.00	0.49
14.00	1.56	0.00	1.56	19.70	0.48	0.00	0.48
14.10	1.50	0.00	1.50	19.80	0.48	0.00	0.48
14.20	1.45	0.00	1.45	19.90	0.48	0.00	0.48
14.30	1.40	0.00	1.40	20.00	0.47	0.00	0.47
14.40	1.35	0.00	1.35	20.10	0.47	0.00	0.47
14.50	1.31	0.00	1.31	20.20	0.47	0.00	0.47
14.60	1.26	0.00	1.26	20.30	0.46	0.00	0.46
14.70	1.21	0.00	1.21	20.40	0.46	0.00	0.46
14.80	1.16	0.00	1.16	20.50	0.46	0.00	0.46
14.90	1.12	0.00	1.12	20.60	0.45	0.00	0.45
15.00	1.07	0.00	1.07	20.70	0.45	0.00	0.45
15.10	1.02	0.00	1.02	20.80	0.45	0.00	0.45
15.20	0.98	0.00	0.98	20.90	0.44	0.00	0.44
15.30	0.95	0.00	0.95	21.00	0.44	0.00	0.44
15.40	0.93	0.00	0.93	21.10	0.44	0.00	0.44
15.50	0.91	0.00	0.91	21.20	0.43	0.00	0.43
15.60	0.89	0.00	0.89	21.30	0.43	0.00	0.43
15.70	0.88	0.00	0.88	21.40	0.43	0.00	0.43
15.80	0.86	0.00	0.86	21.50	0.42	0.00	0.42
15.90	0.85	0.00	0.85	21.60	0.42	0.00	0.42
16.00	0.84	0.00	0.84	21.70	0.42	0.00	0.42
16.10	0.82	0.00	0.82	21.80	0.41	0.00	0.41
16.20	0.81	0.00	0.81	21.90	0.41	0.00	0.41
16.30	0.80	0.00	0.80	22.00	0.41	0.00	0.41
16.40	0.78	0.00	0.78	22.10	0.40	0.00	0.40
16.50	0.77	0.00	0.77	22.20	0.40	0.00	0.40
16.60	0.76	0.00	0.76	22.30	0.40	0.00	0.40
16.70	0.74	0.00	0.74	22.40	0.39	0.00	0.39
16.80	0.73	0.00	0.73	22.50	0.39	0.00	0.39
16.90	0.72	0.00	0.72	22.60	0.39	0.00	0.39
17.00	0.70	0.00	0.70	22.70	0.38	0.00	0.38

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.38	0.00	0.38	28.50	0.00	0.00	0.00
22.90	0.38	0.00	0.38	28.60	0.00	0.00	0.00
23.00	0.37	0.00	0.37	28.70	0.00	0.00	0.00
23.10	0.37	0.00	0.37	28.80	0.00	0.00	0.00
23.20	0.37	0.00	0.37	28.90	0.00	0.00	0.00
23.30	0.36	0.00	0.36	29.00	0.00	0.00	0.00
23.40	0.36	0.00	0.36	29.10	0.00	0.00	0.00
23.50	0.36	0.00	0.36	29.20	0.00	0.00	0.00
23.60	0.35	0.00	0.35	29.30	0.00	0.00	0.00
23.70	0.35	0.00	0.35	29.40	0.00	0.00	0.00
23.80	0.35	0.00	0.35	29.50	0.00	0.00	0.00
23.90	0.34	0.00	0.34	29.60	0.00	0.00	0.00
24.00	0.34	0.00	0.34	29.70	0.00	0.00	0.00
24.10	0.28	0.00	0.28	29.80	0.00	0.00	0.00
24.20	0.16	0.00	0.16	29.90	0.00	0.00	0.00
24.30	0.09	0.00	0.09	30.00	0.00	0.00	0.00
24.40	0.05	0.00	0.05	30.10	0.00	0.00	0.00
24.50	0.02	0.00	0.02	30.20	0.00	0.00	0.00
24.60	0.01	0.00	0.01	30.30	0.00	0.00	0.00
24.70	0.01	0.00	0.01	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

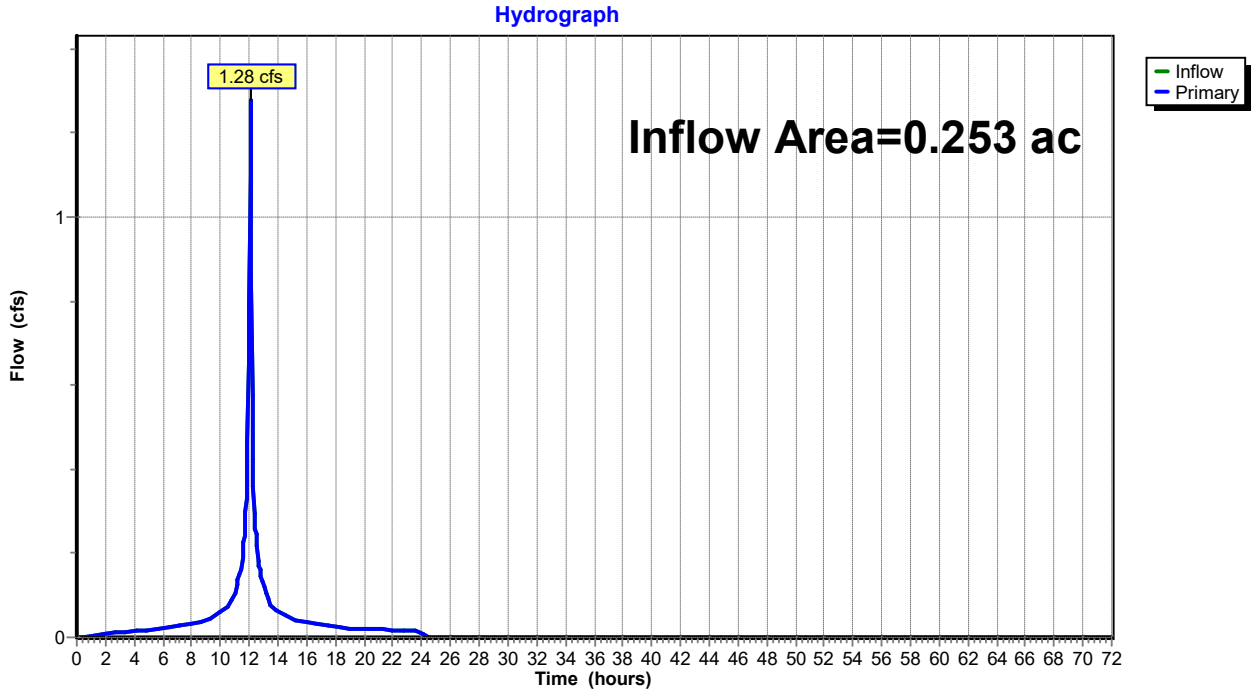
Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Link 10L: POA-2



Hydrograph for Link 10L: POA-2

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.02	0.00	0.02
0.10	0.00	0.00	0.00	5.80	0.02	0.00	0.02
0.20	0.00	0.00	0.00	5.90	0.02	0.00	0.02
0.30	0.00	0.00	0.00	6.00	0.02	0.00	0.02
0.40	0.00	0.00	0.00	6.10	0.02	0.00	0.02
0.50	0.00	0.00	0.00	6.20	0.02	0.00	0.02
0.60	0.00	0.00	0.00	6.30	0.02	0.00	0.02
0.70	0.00	0.00	0.00	6.40	0.02	0.00	0.02
0.80	0.00	0.00	0.00	6.50	0.02	0.00	0.02
0.90	0.00	0.00	0.00	6.60	0.02	0.00	0.02
1.00	0.00	0.00	0.00	6.70	0.02	0.00	0.02
1.10	0.00	0.00	0.00	6.80	0.03	0.00	0.03
1.20	0.00	0.00	0.00	6.90	0.03	0.00	0.03
1.30	0.00	0.00	0.00	7.00	0.03	0.00	0.03
1.40	0.00	0.00	0.00	7.10	0.03	0.00	0.03
1.50	0.01	0.00	0.01	7.20	0.03	0.00	0.03
1.60	0.01	0.00	0.01	7.30	0.03	0.00	0.03
1.70	0.01	0.00	0.01	7.40	0.03	0.00	0.03
1.80	0.01	0.00	0.01	7.50	0.03	0.00	0.03
1.90	0.01	0.00	0.01	7.60	0.03	0.00	0.03
2.00	0.01	0.00	0.01	7.70	0.03	0.00	0.03
2.10	0.01	0.00	0.01	7.80	0.03	0.00	0.03
2.20	0.01	0.00	0.01	7.90	0.03	0.00	0.03
2.30	0.01	0.00	0.01	8.00	0.03	0.00	0.03
2.40	0.01	0.00	0.01	8.10	0.03	0.00	0.03
2.50	0.01	0.00	0.01	8.20	0.03	0.00	0.03
2.60	0.01	0.00	0.01	8.30	0.03	0.00	0.03
2.70	0.01	0.00	0.01	8.40	0.03	0.00	0.03
2.80	0.01	0.00	0.01	8.50	0.04	0.00	0.04
2.90	0.01	0.00	0.01	8.60	0.04	0.00	0.04
3.00	0.01	0.00	0.01	8.70	0.04	0.00	0.04
3.10	0.01	0.00	0.01	8.80	0.04	0.00	0.04
3.20	0.01	0.00	0.01	8.90	0.04	0.00	0.04
3.30	0.01	0.00	0.01	9.00	0.04	0.00	0.04
3.40	0.01	0.00	0.01	9.10	0.04	0.00	0.04
3.50	0.01	0.00	0.01	9.20	0.04	0.00	0.04
3.60	0.01	0.00	0.01	9.30	0.04	0.00	0.04
3.70	0.01	0.00	0.01	9.40	0.05	0.00	0.05
3.80	0.01	0.00	0.01	9.50	0.05	0.00	0.05
3.90	0.02	0.00	0.02	9.60	0.05	0.00	0.05
4.00	0.02	0.00	0.02	9.70	0.05	0.00	0.05
4.10	0.02	0.00	0.02	9.80	0.05	0.00	0.05
4.20	0.02	0.00	0.02	9.90	0.06	0.00	0.06
4.30	0.02	0.00	0.02	10.00	0.06	0.00	0.06
4.40	0.02	0.00	0.02	10.10	0.06	0.00	0.06
4.50	0.02	0.00	0.02	10.20	0.06	0.00	0.06
4.60	0.02	0.00	0.02	10.30	0.07	0.00	0.07
4.70	0.02	0.00	0.02	10.40	0.07	0.00	0.07
4.80	0.02	0.00	0.02	10.50	0.07	0.00	0.07
4.90	0.02	0.00	0.02	10.60	0.08	0.00	0.08
5.00	0.02	0.00	0.02	10.70	0.08	0.00	0.08
5.10	0.02	0.00	0.02	10.80	0.09	0.00	0.09
5.20	0.02	0.00	0.02	10.90	0.10	0.00	0.10
5.30	0.02	0.00	0.02	11.00	0.11	0.00	0.11
5.40	0.02	0.00	0.02	11.10	0.12	0.00	0.12
5.50	0.02	0.00	0.02	11.20	0.13	0.00	0.13
5.60	0.02	0.00	0.02	11.30	0.15	0.00	0.15

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	0.16	0.00	0.16	17.10	0.03	0.00	0.03
11.50	0.17	0.00	0.17	17.20	0.03	0.00	0.03
11.60	0.23	0.00	0.23	17.30	0.03	0.00	0.03
11.70	0.25	0.00	0.25	17.40	0.03	0.00	0.03
11.80	0.33	0.00	0.33	17.50	0.03	0.00	0.03
11.90	0.46	0.00	0.46	17.60	0.03	0.00	0.03
12.00	0.79	0.00	0.79	17.70	0.03	0.00	0.03
12.10	**1.26**	0.00	**1.26**	17.80	0.02	0.00	0.02
12.20	0.58	0.00	0.58	17.90	0.02	0.00	0.02
12.30	0.36	0.00	0.36	18.00	0.02	0.00	0.02
12.40	0.26	0.00	0.26	18.10	0.02	0.00	0.02
12.50	0.24	0.00	0.24	18.20	0.02	0.00	0.02
12.60	0.18	0.00	0.18	18.30	0.02	0.00	0.02
12.70	0.16	0.00	0.16	18.40	0.02	0.00	0.02
12.80	0.15	0.00	0.15	18.50	0.02	0.00	0.02
12.90	0.14	0.00	0.14	18.60	0.02	0.00	0.02
13.00	0.12	0.00	0.12	18.70	0.02	0.00	0.02
13.10	0.11	0.00	0.11	18.80	0.02	0.00	0.02
13.20	0.10	0.00	0.10	18.90	0.02	0.00	0.02
13.30	0.09	0.00	0.09	19.00	0.02	0.00	0.02
13.40	0.09	0.00	0.09	19.10	0.02	0.00	0.02
13.50	0.08	0.00	0.08	19.20	0.02	0.00	0.02
13.60	0.07	0.00	0.07	19.30	0.02	0.00	0.02
13.70	0.07	0.00	0.07	19.40	0.02	0.00	0.02
13.80	0.07	0.00	0.07	19.50	0.02	0.00	0.02
13.90	0.07	0.00	0.07	19.60	0.02	0.00	0.02
14.00	0.06	0.00	0.06	19.70	0.02	0.00	0.02
14.10	0.06	0.00	0.06	19.80	0.02	0.00	0.02
14.20	0.06	0.00	0.06	19.90	0.02	0.00	0.02
14.30	0.06	0.00	0.06	20.00	0.02	0.00	0.02
14.40	0.05	0.00	0.05	20.10	0.02	0.00	0.02
14.50	0.05	0.00	0.05	20.20	0.02	0.00	0.02
14.60	0.05	0.00	0.05	20.30	0.02	0.00	0.02
14.70	0.05	0.00	0.05	20.40	0.02	0.00	0.02
14.80	0.05	0.00	0.05	20.50	0.02	0.00	0.02
14.90	0.04	0.00	0.04	20.60	0.02	0.00	0.02
15.00	0.04	0.00	0.04	20.70	0.02	0.00	0.02
15.10	0.04	0.00	0.04	20.80	0.02	0.00	0.02
15.20	0.04	0.00	0.04	20.90	0.02	0.00	0.02
15.30	0.04	0.00	0.04	21.00	0.02	0.00	0.02
15.40	0.04	0.00	0.04	21.10	0.02	0.00	0.02
15.50	0.04	0.00	0.04	21.20	0.02	0.00	0.02
15.60	0.04	0.00	0.04	21.30	0.02	0.00	0.02
15.70	0.04	0.00	0.04	21.40	0.02	0.00	0.02
15.80	0.04	0.00	0.04	21.50	0.02	0.00	0.02
15.90	0.04	0.00	0.04	21.60	0.02	0.00	0.02
16.00	0.04	0.00	0.04	21.70	0.02	0.00	0.02
16.10	0.03	0.00	0.03	21.80	0.02	0.00	0.02
16.20	0.03	0.00	0.03	21.90	0.02	0.00	0.02
16.30	0.03	0.00	0.03	22.00	0.02	0.00	0.02
16.40	0.03	0.00	0.03	22.10	0.02	0.00	0.02
16.50	0.03	0.00	0.03	22.20	0.02	0.00	0.02
16.60	0.03	0.00	0.03	22.30	0.02	0.00	0.02
16.70	0.03	0.00	0.03	22.40	0.02	0.00	0.02
16.80	0.03	0.00	0.03	22.50	0.02	0.00	0.02
16.90	0.03	0.00	0.03	22.60	0.02	0.00	0.02
17.00	0.03	0.00	0.03	22.70	0.02	0.00	0.02

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.02	0.00	0.02	28.50	0.00	0.00	0.00
22.90	0.02	0.00	0.02	28.60	0.00	0.00	0.00
23.00	0.02	0.00	0.02	28.70	0.00	0.00	0.00
23.10	0.02	0.00	0.02	28.80	0.00	0.00	0.00
23.20	0.02	0.00	0.02	28.90	0.00	0.00	0.00
23.30	0.02	0.00	0.02	29.00	0.00	0.00	0.00
23.40	0.02	0.00	0.02	29.10	0.00	0.00	0.00
23.50	0.02	0.00	0.02	29.20	0.00	0.00	0.00
23.60	0.01	0.00	0.01	29.30	0.00	0.00	0.00
23.70	0.01	0.00	0.01	29.40	0.00	0.00	0.00
23.80	0.01	0.00	0.01	29.50	0.00	0.00	0.00
23.90	0.01	0.00	0.01	29.60	0.00	0.00	0.00
24.00	0.01	0.00	0.01	29.70	0.00	0.00	0.00
24.10	0.00	0.00	0.00	29.80	0.00	0.00	0.00
24.20	0.00	0.00	0.00	29.90	0.00	0.00	0.00
24.30	0.00	0.00	0.00	30.00	0.00	0.00	0.00
24.40	0.00	0.00	0.00	30.10	0.00	0.00	0.00
24.50	0.00	0.00	0.00	30.20	0.00	0.00	0.00
24.60	0.00	0.00	0.00	30.30	0.00	0.00	0.00
24.70	0.00	0.00	0.00	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

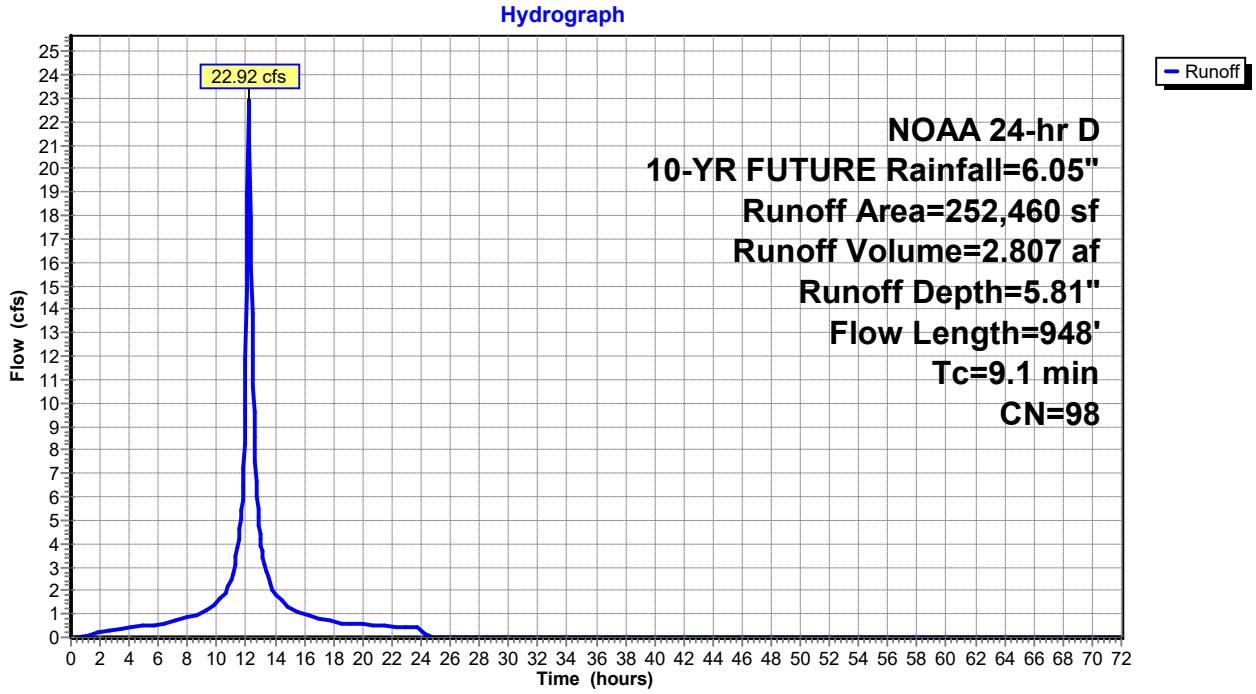
Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Subcatchment 6S: PDA 2-Impervious



Hydrograph for Subcatchment 6S: PDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.48	0.30	0.54
0.10	0.01	0.00	0.00	5.80	0.50	0.31	0.54
0.20	0.01	0.00	0.00	5.90	0.51	0.32	0.55
0.30	0.02	0.00	0.00	6.00	0.52	0.33	0.55
0.40	0.03	0.00	0.00	6.10	0.53	0.34	0.56
0.50	0.03	0.00	0.00	6.20	0.54	0.35	0.57
0.60	0.04	0.00	0.00	6.30	0.55	0.36	0.58
0.70	0.05	0.00	0.00	6.40	0.56	0.37	0.60
0.80	0.05	0.00	0.01	6.50	0.57	0.39	0.61
0.90	0.06	0.00	0.03	6.60	0.59	0.40	0.63
1.00	0.07	0.00	0.05	6.70	0.60	0.41	0.65
1.10	0.08	0.01	0.07	6.80	0.61	0.42	0.66
1.20	0.08	0.01	0.09	6.90	0.62	0.43	0.68
1.30	0.09	0.01	0.11	7.00	0.64	0.44	0.70
1.40	0.10	0.01	0.13	7.10	0.65	0.46	0.71
1.50	0.11	0.02	0.15	7.20	0.66	0.47	0.73
1.60	0.11	0.02	0.17	7.30	0.68	0.48	0.75
1.70	0.12	0.02	0.18	7.40	0.69	0.50	0.76
1.80	0.13	0.03	0.20	7.50	0.71	0.51	0.78
1.90	0.14	0.03	0.21	7.60	0.72	0.52	0.79
2.00	0.15	0.04	0.23	7.70	0.74	0.54	0.81
2.10	0.15	0.04	0.24	7.80	0.75	0.55	0.83
2.20	0.16	0.04	0.26	7.90	0.77	0.57	0.84
2.30	0.17	0.05	0.27	8.00	0.79	0.58	0.86
2.40	0.18	0.05	0.28	8.10	0.80	0.60	0.88
2.50	0.19	0.06	0.29	8.20	0.82	0.62	0.89
2.60	0.19	0.07	0.30	8.30	0.83	0.63	0.91
2.70	0.20	0.07	0.31	8.40	0.85	0.65	0.93
2.80	0.21	0.08	0.32	8.50	0.87	0.66	0.94
2.90	0.22	0.08	0.33	8.60	0.89	0.68	0.96
3.00	0.23	0.09	0.34	8.70	0.90	0.70	0.98
3.10	0.24	0.10	0.35	8.80	0.92	0.72	0.99
3.20	0.25	0.10	0.36	8.90	0.94	0.73	1.01
3.30	0.25	0.11	0.37	9.00	0.96	0.75	1.03
3.40	0.26	0.12	0.38	9.10	0.98	0.77	1.05
3.50	0.27	0.12	0.39	9.20	1.00	0.79	1.09
3.60	0.28	0.13	0.40	9.30	1.02	0.81	1.13
3.70	0.29	0.14	0.41	9.40	1.04	0.83	1.18
3.80	0.30	0.14	0.41	9.50	1.07	0.86	1.23
3.90	0.31	0.15	0.42	9.60	1.09	0.88	1.29
4.00	0.32	0.16	0.43	9.70	1.12	0.91	1.34
4.10	0.33	0.17	0.44	9.80	1.14	0.93	1.40
4.20	0.34	0.17	0.44	9.90	1.17	0.96	1.46
4.30	0.35	0.18	0.45	10.00	1.20	0.99	1.51
4.40	0.36	0.19	0.46	10.10	1.23	1.01	1.57
4.50	0.36	0.20	0.46	10.20	1.26	1.04	1.62
4.60	0.37	0.21	0.47	10.30	1.29	1.07	1.68
4.70	0.38	0.22	0.48	10.40	1.32	1.11	1.74
4.80	0.39	0.22	0.48	10.50	1.35	1.14	1.79
4.90	0.40	0.23	0.49	10.60	1.39	1.17	1.87
5.00	0.41	0.24	0.49	10.70	1.43	1.21	2.01
5.10	0.42	0.25	0.50	10.80	1.48	1.26	2.17
5.20	0.43	0.26	0.51	10.90	1.52	1.30	2.36
5.30	0.44	0.27	0.51	11.00	1.57	1.35	2.55
5.40	0.45	0.28	0.52	11.10	1.63	1.41	2.77
5.50	0.46	0.29	0.52	11.20	1.69	1.47	3.06
5.60	0.47	0.29	0.53	11.30	1.76	1.54	3.37

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.84	1.61	3.71	17.10	5.43	5.19	0.80
11.50	1.92	1.69	4.06	17.20	5.44	5.20	0.79
11.60	2.03	1.80	4.64	17.30	5.45	5.21	0.77
11.70	2.14	1.92	5.44	17.40	5.46	5.23	0.76
11.80	2.30	2.07	6.43	17.50	5.48	5.24	0.74
11.90	2.52	2.29	8.26	17.60	5.49	5.25	0.73
12.00	2.90	2.67	11.86	17.70	5.50	5.26	0.71
12.10	3.53	3.30	**18.86**	17.80	5.51	5.27	0.69
12.20	3.75	3.52	**22.45**	17.90	5.52	5.29	0.68
12.30	3.91	3.67	17.87	18.00	5.53	5.30	0.66
12.40	4.02	3.79	13.78	18.10	5.54	5.31	0.65
12.50	4.13	3.90	10.71	18.20	5.55	5.32	0.63
12.60	4.21	3.98	8.50	18.30	5.57	5.33	0.62
12.70	4.29	4.05	6.69	18.40	5.58	5.34	0.62
12.80	4.36	4.12	5.51	18.50	5.59	5.35	0.61
12.90	4.42	4.18	4.75	18.60	5.60	5.36	0.61
13.00	4.48	4.24	4.16	18.70	5.61	5.37	0.60
13.10	4.53	4.29	3.67	18.80	5.62	5.38	0.60
13.20	4.57	4.34	3.30	18.90	5.63	5.39	0.59
13.30	4.62	4.38	3.01	19.00	5.64	5.40	0.59
13.40	4.66	4.42	2.76	19.10	5.65	5.41	0.59
13.50	4.70	4.46	2.53	19.20	5.66	5.42	0.58
13.60	4.73	4.49	2.31	19.30	5.67	5.43	0.58
13.70	4.76	4.52	2.13	19.40	5.68	5.44	0.57
13.80	4.79	4.55	2.00	19.50	5.69	5.45	0.57
13.90	4.82	4.58	1.90	19.60	5.69	5.46	0.57
14.00	4.85	4.61	1.83	19.70	5.70	5.47	0.56
14.10	4.88	4.64	1.76	19.80	5.71	5.48	0.56
14.20	4.91	4.67	1.70	19.90	5.72	5.49	0.55
14.30	4.93	4.70	1.64	20.00	5.73	5.49	0.55
14.40	4.96	4.72	1.58	20.10	5.74	5.50	0.55
14.50	4.98	4.75	1.53	20.20	5.75	5.51	0.54
14.60	5.01	4.77	1.47	20.30	5.76	5.52	0.54
14.70	5.03	4.79	1.42	20.40	5.77	5.53	0.53
14.80	5.05	4.81	1.36	20.50	5.78	5.54	0.53
14.90	5.07	4.83	1.30	20.60	5.79	5.55	0.53
15.00	5.09	4.85	1.25	20.70	5.80	5.56	0.52
15.10	5.11	4.87	1.19	20.80	5.80	5.57	0.52
15.20	5.13	4.89	1.14	20.90	5.81	5.58	0.52
15.30	5.15	4.91	1.11	21.00	5.82	5.58	0.51
15.40	5.16	4.93	1.08	21.10	5.83	5.59	0.51
15.50	5.18	4.94	1.06	21.20	5.84	5.60	0.50
15.60	5.20	4.96	1.04	21.30	5.85	5.61	0.50
15.70	5.22	4.98	1.03	21.40	5.86	5.62	0.50
15.80	5.23	4.99	1.01	21.50	5.86	5.63	0.49
15.90	5.25	5.01	0.99	21.60	5.87	5.63	0.49
16.00	5.26	5.03	0.98	21.70	5.88	5.64	0.48
16.10	5.28	5.04	0.96	21.80	5.89	5.65	0.48
16.20	5.30	5.06	0.95	21.90	5.90	5.66	0.48
16.30	5.31	5.07	0.93	22.00	5.90	5.67	0.47
16.40	5.33	5.09	0.92	22.10	5.91	5.67	0.47
16.50	5.34	5.10	0.90	22.20	5.92	5.68	0.46
16.60	5.36	5.12	0.88	22.30	5.93	5.69	0.46
16.70	5.37	5.13	0.87	22.40	5.94	5.70	0.46
16.80	5.39	5.15	0.85	22.50	5.94	5.71	0.45
16.90	5.40	5.16	0.84	22.60	5.95	5.71	0.45
17.00	5.41	5.18	0.82	22.70	5.96	5.72	0.44

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	5.97	5.73	0.44	28.50	6.05	5.81	0.00
22.90	5.97	5.74	0.44	28.60	6.05	5.81	0.00
23.00	5.98	5.74	0.43	28.70	6.05	5.81	0.00
23.10	5.99	5.75	0.43	28.80	6.05	5.81	0.00
23.20	6.00	5.76	0.43	28.90	6.05	5.81	0.00
23.30	6.00	5.76	0.42	29.00	6.05	5.81	0.00
23.40	6.01	5.77	0.42	29.10	6.05	5.81	0.00
23.50	6.02	5.78	0.41	29.20	6.05	5.81	0.00
23.60	6.02	5.78	0.41	29.30	6.05	5.81	0.00
23.70	6.03	5.79	0.41	29.40	6.05	5.81	0.00
23.80	6.04	5.80	0.40	29.50	6.05	5.81	0.00
23.90	6.04	5.81	0.40	29.60	6.05	5.81	0.00
24.00	**6.05**	**5.81**	0.39	29.70	6.05	5.81	0.00
24.10	6.05	5.81	0.32	29.80	6.05	5.81	0.00
24.20	6.05	5.81	0.18	29.90	6.05	5.81	0.00
24.30	6.05	5.81	0.10	30.00	6.05	5.81	0.00
24.40	6.05	5.81	0.06	30.10	6.05	5.81	0.00
24.50	6.05	5.81	0.03	30.20	6.05	5.81	0.00
24.60	6.05	5.81	0.01	30.30	6.05	5.81	0.00
24.70	6.05	5.81	0.01	30.40	6.05	5.81	0.00
24.80	6.05	5.81	0.00	30.50	6.05	5.81	0.00
24.90	6.05	5.81	0.00	30.60	6.05	5.81	0.00
25.00	6.05	5.81	0.00	30.70	6.05	5.81	0.00
25.10	6.05	5.81	0.00	30.80	6.05	5.81	0.00
25.20	6.05	5.81	0.00	30.90	6.05	5.81	0.00
25.30	6.05	5.81	0.00	31.00	6.05	5.81	0.00
25.40	6.05	5.81	0.00	31.10	6.05	5.81	0.00
25.50	6.05	5.81	0.00	31.20	6.05	5.81	0.00
25.60	6.05	5.81	0.00	31.30	6.05	5.81	0.00
25.70	6.05	5.81	0.00	31.40	6.05	5.81	0.00
25.80	6.05	5.81	0.00	31.50	6.05	5.81	0.00
25.90	6.05	5.81	0.00	31.60	6.05	5.81	0.00
26.00	6.05	5.81	0.00	31.70	6.05	5.81	0.00
26.10	6.05	5.81	0.00	31.80	6.05	5.81	0.00
26.20	6.05	5.81	0.00	31.90	6.05	5.81	0.00
26.30	6.05	5.81	0.00	32.00	6.05	5.81	0.00
26.40	6.05	5.81	0.00	32.10	6.05	5.81	0.00
26.50	6.05	5.81	0.00	32.20	6.05	5.81	0.00
26.60	6.05	5.81	0.00	32.30	6.05	5.81	0.00
26.70	6.05	5.81	0.00	32.40	6.05	5.81	0.00
26.80	6.05	5.81	0.00	32.50	6.05	5.81	0.00
26.90	6.05	5.81	0.00	32.60	6.05	5.81	0.00
27.00	6.05	5.81	0.00	32.70	6.05	5.81	0.00
27.10	6.05	5.81	0.00	32.80	6.05	5.81	0.00
27.20	6.05	5.81	0.00	32.90	6.05	5.81	0.00
27.30	6.05	5.81	0.00	33.00	6.05	5.81	0.00
27.40	6.05	5.81	0.00	33.10	6.05	5.81	0.00
27.50	6.05	5.81	0.00	33.20	6.05	5.81	0.00
27.60	6.05	5.81	0.00	33.30	6.05	5.81	0.00
27.70	6.05	5.81	0.00	33.40	6.05	5.81	0.00
27.80	6.05	5.81	0.00	33.50	6.05	5.81	0.00
27.90	6.05	5.81	0.00	33.60	6.05	5.81	0.00
28.00	6.05	5.81	0.00	33.70	6.05	5.81	0.00
28.10	6.05	5.81	0.00	33.80	6.05	5.81	0.00
28.20	6.05	5.81	0.00	33.90	6.05	5.81	0.00
28.30	6.05	5.81	0.00	34.00	6.05	5.81	0.00
28.40	6.05	5.81	0.00	34.10	6.05	5.81	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	6.05	5.81	0.00	39.90	6.05	5.81	0.00
34.30	6.05	5.81	0.00	40.00	6.05	5.81	0.00
34.40	6.05	5.81	0.00	40.10	6.05	5.81	0.00
34.50	6.05	5.81	0.00	40.20	6.05	5.81	0.00
34.60	6.05	5.81	0.00	40.30	6.05	5.81	0.00
34.70	6.05	5.81	0.00	40.40	6.05	5.81	0.00
34.80	6.05	5.81	0.00	40.50	6.05	5.81	0.00
34.90	6.05	5.81	0.00	40.60	6.05	5.81	0.00
35.00	6.05	5.81	0.00	40.70	6.05	5.81	0.00
35.10	6.05	5.81	0.00	40.80	6.05	5.81	0.00
35.20	6.05	5.81	0.00	40.90	6.05	5.81	0.00
35.30	6.05	5.81	0.00	41.00	6.05	5.81	0.00
35.40	6.05	5.81	0.00	41.10	6.05	5.81	0.00
35.50	6.05	5.81	0.00	41.20	6.05	5.81	0.00
35.60	6.05	5.81	0.00	41.30	6.05	5.81	0.00
35.70	6.05	5.81	0.00	41.40	6.05	5.81	0.00
35.80	6.05	5.81	0.00	41.50	6.05	5.81	0.00
35.90	6.05	5.81	0.00	41.60	6.05	5.81	0.00
36.00	6.05	5.81	0.00	41.70	6.05	5.81	0.00
36.10	6.05	5.81	0.00	41.80	6.05	5.81	0.00
36.20	6.05	5.81	0.00	41.90	6.05	5.81	0.00
36.30	6.05	5.81	0.00	42.00	6.05	5.81	0.00
36.40	6.05	5.81	0.00	42.10	6.05	5.81	0.00
36.50	6.05	5.81	0.00	42.20	6.05	5.81	0.00
36.60	6.05	5.81	0.00	42.30	6.05	5.81	0.00
36.70	6.05	5.81	0.00	42.40	6.05	5.81	0.00
36.80	6.05	5.81	0.00	42.50	6.05	5.81	0.00
36.90	6.05	5.81	0.00	42.60	6.05	5.81	0.00
37.00	6.05	5.81	0.00	42.70	6.05	5.81	0.00
37.10	6.05	5.81	0.00	42.80	6.05	5.81	0.00
37.20	6.05	5.81	0.00	42.90	6.05	5.81	0.00
37.30	6.05	5.81	0.00	43.00	6.05	5.81	0.00
37.40	6.05	5.81	0.00	43.10	6.05	5.81	0.00
37.50	6.05	5.81	0.00	43.20	6.05	5.81	0.00
37.60	6.05	5.81	0.00	43.30	6.05	5.81	0.00
37.70	6.05	5.81	0.00	43.40	6.05	5.81	0.00
37.80	6.05	5.81	0.00	43.50	6.05	5.81	0.00
37.90	6.05	5.81	0.00	43.60	6.05	5.81	0.00
38.00	6.05	5.81	0.00	43.70	6.05	5.81	0.00
38.10	6.05	5.81	0.00	43.80	6.05	5.81	0.00
38.20	6.05	5.81	0.00	43.90	6.05	5.81	0.00
38.30	6.05	5.81	0.00	44.00	6.05	5.81	0.00
38.40	6.05	5.81	0.00	44.10	6.05	5.81	0.00
38.50	6.05	5.81	0.00	44.20	6.05	5.81	0.00
38.60	6.05	5.81	0.00	44.30	6.05	5.81	0.00
38.70	6.05	5.81	0.00	44.40	6.05	5.81	0.00
38.80	6.05	5.81	0.00	44.50	6.05	5.81	0.00
38.90	6.05	5.81	0.00	44.60	6.05	5.81	0.00
39.00	6.05	5.81	0.00	44.70	6.05	5.81	0.00
39.10	6.05	5.81	0.00	44.80	6.05	5.81	0.00
39.20	6.05	5.81	0.00	44.90	6.05	5.81	0.00
39.30	6.05	5.81	0.00	45.00	6.05	5.81	0.00
39.40	6.05	5.81	0.00	45.10	6.05	5.81	0.00
39.50	6.05	5.81	0.00	45.20	6.05	5.81	0.00
39.60	6.05	5.81	0.00	45.30	6.05	5.81	0.00
39.70	6.05	5.81	0.00	45.40	6.05	5.81	0.00
39.80	6.05	5.81	0.00	45.50	6.05	5.81	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	6.05	5.81	0.00	51.30	6.05	5.81	0.00
45.70	6.05	5.81	0.00	51.40	6.05	5.81	0.00
45.80	6.05	5.81	0.00	51.50	6.05	5.81	0.00
45.90	6.05	5.81	0.00	51.60	6.05	5.81	0.00
46.00	6.05	5.81	0.00	51.70	6.05	5.81	0.00
46.10	6.05	5.81	0.00	51.80	6.05	5.81	0.00
46.20	6.05	5.81	0.00	51.90	6.05	5.81	0.00
46.30	6.05	5.81	0.00	52.00	6.05	5.81	0.00
46.40	6.05	5.81	0.00	52.10	6.05	5.81	0.00
46.50	6.05	5.81	0.00	52.20	6.05	5.81	0.00
46.60	6.05	5.81	0.00	52.30	6.05	5.81	0.00
46.70	6.05	5.81	0.00	52.40	6.05	5.81	0.00
46.80	6.05	5.81	0.00	52.50	6.05	5.81	0.00
46.90	6.05	5.81	0.00	52.60	6.05	5.81	0.00
47.00	6.05	5.81	0.00	52.70	6.05	5.81	0.00
47.10	6.05	5.81	0.00	52.80	6.05	5.81	0.00
47.20	6.05	5.81	0.00	52.90	6.05	5.81	0.00
47.30	6.05	5.81	0.00	53.00	6.05	5.81	0.00
47.40	6.05	5.81	0.00	53.10	6.05	5.81	0.00
47.50	6.05	5.81	0.00	53.20	6.05	5.81	0.00
47.60	6.05	5.81	0.00	53.30	6.05	5.81	0.00
47.70	6.05	5.81	0.00	53.40	6.05	5.81	0.00
47.80	6.05	5.81	0.00	53.50	6.05	5.81	0.00
47.90	6.05	5.81	0.00	53.60	6.05	5.81	0.00
48.00	6.05	5.81	0.00	53.70	6.05	5.81	0.00
48.10	6.05	5.81	0.00	53.80	6.05	5.81	0.00
48.20	6.05	5.81	0.00	53.90	6.05	5.81	0.00
48.30	6.05	5.81	0.00	54.00	6.05	5.81	0.00
48.40	6.05	5.81	0.00	54.10	6.05	5.81	0.00
48.50	6.05	5.81	0.00	54.20	6.05	5.81	0.00
48.60	6.05	5.81	0.00	54.30	6.05	5.81	0.00
48.70	6.05	5.81	0.00	54.40	6.05	5.81	0.00
48.80	6.05	5.81	0.00	54.50	6.05	5.81	0.00
48.90	6.05	5.81	0.00	54.60	6.05	5.81	0.00
49.00	6.05	5.81	0.00	54.70	6.05	5.81	0.00
49.10	6.05	5.81	0.00	54.80	6.05	5.81	0.00
49.20	6.05	5.81	0.00	54.90	6.05	5.81	0.00
49.30	6.05	5.81	0.00	55.00	6.05	5.81	0.00
49.40	6.05	5.81	0.00	55.10	6.05	5.81	0.00
49.50	6.05	5.81	0.00	55.20	6.05	5.81	0.00
49.60	6.05	5.81	0.00	55.30	6.05	5.81	0.00
49.70	6.05	5.81	0.00	55.40	6.05	5.81	0.00
49.80	6.05	5.81	0.00	55.50	6.05	5.81	0.00
49.90	6.05	5.81	0.00	55.60	6.05	5.81	0.00
50.00	6.05	5.81	0.00	55.70	6.05	5.81	0.00
50.10	6.05	5.81	0.00	55.80	6.05	5.81	0.00
50.20	6.05	5.81	0.00	55.90	6.05	5.81	0.00
50.30	6.05	5.81	0.00	56.00	6.05	5.81	0.00
50.40	6.05	5.81	0.00	56.10	6.05	5.81	0.00
50.50	6.05	5.81	0.00	56.20	6.05	5.81	0.00
50.60	6.05	5.81	0.00	56.30	6.05	5.81	0.00
50.70	6.05	5.81	0.00	56.40	6.05	5.81	0.00
50.80	6.05	5.81	0.00	56.50	6.05	5.81	0.00
50.90	6.05	5.81	0.00	56.60	6.05	5.81	0.00
51.00	6.05	5.81	0.00	56.70	6.05	5.81	0.00
51.10	6.05	5.81	0.00	56.80	6.05	5.81	0.00
51.20	6.05	5.81	0.00	56.90	6.05	5.81	0.00

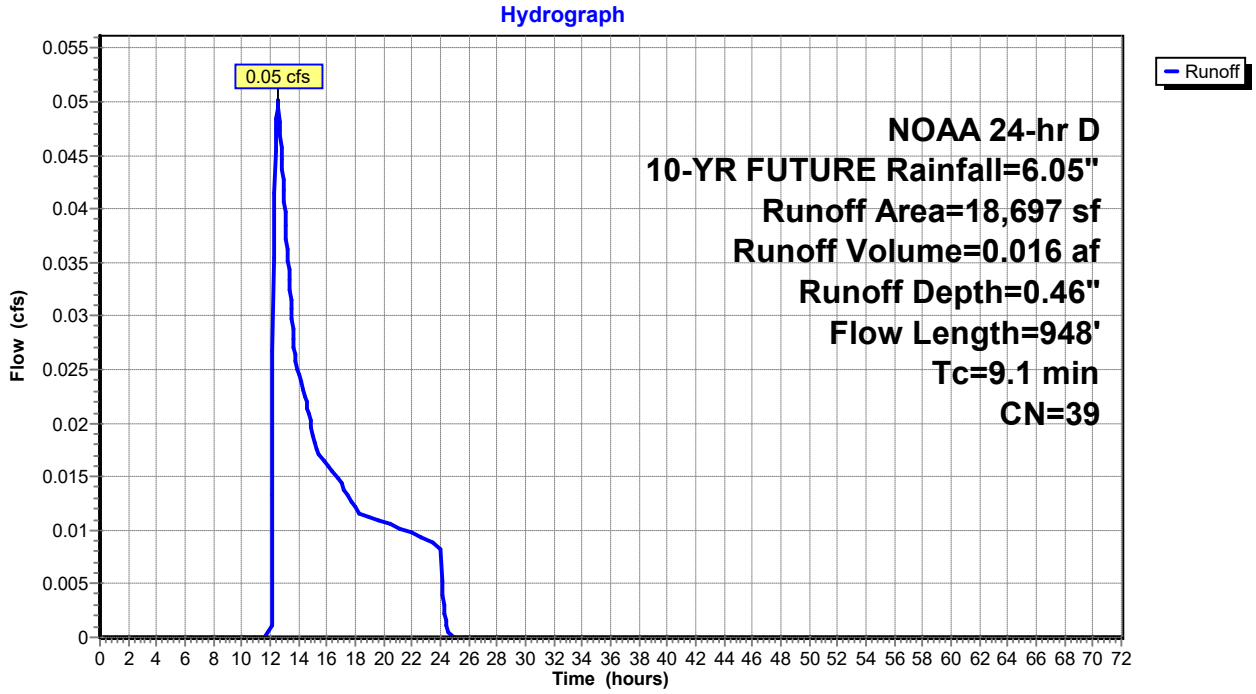
Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	6.05	5.81	0.00	62.70	6.05	5.81	0.00
57.10	6.05	5.81	0.00	62.80	6.05	5.81	0.00
57.20	6.05	5.81	0.00	62.90	6.05	5.81	0.00
57.30	6.05	5.81	0.00	63.00	6.05	5.81	0.00
57.40	6.05	5.81	0.00	63.10	6.05	5.81	0.00
57.50	6.05	5.81	0.00	63.20	6.05	5.81	0.00
57.60	6.05	5.81	0.00	63.30	6.05	5.81	0.00
57.70	6.05	5.81	0.00	63.40	6.05	5.81	0.00
57.80	6.05	5.81	0.00	63.50	6.05	5.81	0.00
57.90	6.05	5.81	0.00	63.60	6.05	5.81	0.00
58.00	6.05	5.81	0.00	63.70	6.05	5.81	0.00
58.10	6.05	5.81	0.00	63.80	6.05	5.81	0.00
58.20	6.05	5.81	0.00	63.90	6.05	5.81	0.00
58.30	6.05	5.81	0.00	64.00	6.05	5.81	0.00
58.40	6.05	5.81	0.00	64.10	6.05	5.81	0.00
58.50	6.05	5.81	0.00	64.20	6.05	5.81	0.00
58.60	6.05	5.81	0.00	64.30	6.05	5.81	0.00
58.70	6.05	5.81	0.00	64.40	6.05	5.81	0.00
58.80	6.05	5.81	0.00	64.50	6.05	5.81	0.00
58.90	6.05	5.81	0.00	64.60	6.05	5.81	0.00
59.00	6.05	5.81	0.00	64.70	6.05	5.81	0.00
59.10	6.05	5.81	0.00	64.80	6.05	5.81	0.00
59.20	6.05	5.81	0.00	64.90	6.05	5.81	0.00
59.30	6.05	5.81	0.00	65.00	6.05	5.81	0.00
59.40	6.05	5.81	0.00	65.10	6.05	5.81	0.00
59.50	6.05	5.81	0.00	65.20	6.05	5.81	0.00
59.60	6.05	5.81	0.00	65.30	6.05	5.81	0.00
59.70	6.05	5.81	0.00	65.40	6.05	5.81	0.00
59.80	6.05	5.81	0.00	65.50	6.05	5.81	0.00
59.90	6.05	5.81	0.00	65.60	6.05	5.81	0.00
60.00	6.05	5.81	0.00	65.70	6.05	5.81	0.00
60.10	6.05	5.81	0.00	65.80	6.05	5.81	0.00
60.20	6.05	5.81	0.00	65.90	6.05	5.81	0.00
60.30	6.05	5.81	0.00	66.00	6.05	5.81	0.00
60.40	6.05	5.81	0.00	66.10	6.05	5.81	0.00
60.50	6.05	5.81	0.00	66.20	6.05	5.81	0.00
60.60	6.05	5.81	0.00	66.30	6.05	5.81	0.00
60.70	6.05	5.81	0.00	66.40	6.05	5.81	0.00
60.80	6.05	5.81	0.00	66.50	6.05	5.81	0.00
60.90	6.05	5.81	0.00	66.60	6.05	5.81	0.00
61.00	6.05	5.81	0.00	66.70	6.05	5.81	0.00
61.10	6.05	5.81	0.00	66.80	6.05	5.81	0.00
61.20	6.05	5.81	0.00	66.90	6.05	5.81	0.00
61.30	6.05	5.81	0.00	67.00	6.05	5.81	0.00
61.40	6.05	5.81	0.00	67.10	6.05	5.81	0.00
61.50	6.05	5.81	0.00	67.20	6.05	5.81	0.00
61.60	6.05	5.81	0.00	67.30	6.05	5.81	0.00
61.70	6.05	5.81	0.00	67.40	6.05	5.81	0.00
61.80	6.05	5.81	0.00	67.50	6.05	5.81	0.00
61.90	6.05	5.81	0.00	67.60	6.05	5.81	0.00
62.00	6.05	5.81	0.00	67.70	6.05	5.81	0.00
62.10	6.05	5.81	0.00	67.80	6.05	5.81	0.00
62.20	6.05	5.81	0.00	67.90	6.05	5.81	0.00
62.30	6.05	5.81	0.00	68.00	6.05	5.81	0.00
62.40	6.05	5.81	0.00	68.10	6.05	5.81	0.00
62.50	6.05	5.81	0.00	68.20	6.05	5.81	0.00
62.60	6.05	5.81	0.00	68.30	6.05	5.81	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	6.05	5.81	0.00
68.50	6.05	5.81	0.00
68.60	6.05	5.81	0.00
68.70	6.05	5.81	0.00
68.80	6.05	5.81	0.00
68.90	6.05	5.81	0.00
69.00	6.05	5.81	0.00
69.10	6.05	5.81	0.00
69.20	6.05	5.81	0.00
69.30	6.05	5.81	0.00
69.40	6.05	5.81	0.00
69.50	6.05	5.81	0.00
69.60	6.05	5.81	0.00
69.70	6.05	5.81	0.00
69.80	6.05	5.81	0.00
69.90	6.05	5.81	0.00
70.00	6.05	5.81	0.00
70.10	6.05	5.81	0.00
70.20	6.05	5.81	0.00
70.30	6.05	5.81	0.00
70.40	6.05	5.81	0.00
70.50	6.05	5.81	0.00
70.60	6.05	5.81	0.00
70.70	6.05	5.81	0.00
70.80	6.05	5.81	0.00
70.90	6.05	5.81	0.00
71.00	6.05	5.81	0.00
71.10	6.05	5.81	0.00
71.20	6.05	5.81	0.00
71.30	6.05	5.81	0.00
71.40	6.05	5.81	0.00
71.50	6.05	5.81	0.00
71.60	6.05	5.81	0.00
71.70	6.05	5.81	0.00
71.80	6.05	5.81	0.00
71.90	6.05	5.81	0.00
72.00	6.05	5.81	0.00

Subcatchment 7S: PDA 2-Pervious



Hydrograph for Subcatchment 7S: PDA 2-Pervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.48	0.00	0.00
0.10	0.01	0.00	0.00	5.80	0.50	0.00	0.00
0.20	0.01	0.00	0.00	5.90	0.51	0.00	0.00
0.30	0.02	0.00	0.00	6.00	0.52	0.00	0.00
0.40	0.03	0.00	0.00	6.10	0.53	0.00	0.00
0.50	0.03	0.00	0.00	6.20	0.54	0.00	0.00
0.60	0.04	0.00	0.00	6.30	0.55	0.00	0.00
0.70	0.05	0.00	0.00	6.40	0.56	0.00	0.00
0.80	0.05	0.00	0.00	6.50	0.57	0.00	0.00
0.90	0.06	0.00	0.00	6.60	0.59	0.00	0.00
1.00	0.07	0.00	0.00	6.70	0.60	0.00	0.00
1.10	0.08	0.00	0.00	6.80	0.61	0.00	0.00
1.20	0.08	0.00	0.00	6.90	0.62	0.00	0.00
1.30	0.09	0.00	0.00	7.00	0.64	0.00	0.00
1.40	0.10	0.00	0.00	7.10	0.65	0.00	0.00
1.50	0.11	0.00	0.00	7.20	0.66	0.00	0.00
1.60	0.11	0.00	0.00	7.30	0.68	0.00	0.00
1.70	0.12	0.00	0.00	7.40	0.69	0.00	0.00
1.80	0.13	0.00	0.00	7.50	0.71	0.00	0.00
1.90	0.14	0.00	0.00	7.60	0.72	0.00	0.00
2.00	0.15	0.00	0.00	7.70	0.74	0.00	0.00
2.10	0.15	0.00	0.00	7.80	0.75	0.00	0.00
2.20	0.16	0.00	0.00	7.90	0.77	0.00	0.00
2.30	0.17	0.00	0.00	8.00	0.79	0.00	0.00
2.40	0.18	0.00	0.00	8.10	0.80	0.00	0.00
2.50	0.19	0.00	0.00	8.20	0.82	0.00	0.00
2.60	0.19	0.00	0.00	8.30	0.83	0.00	0.00
2.70	0.20	0.00	0.00	8.40	0.85	0.00	0.00
2.80	0.21	0.00	0.00	8.50	0.87	0.00	0.00
2.90	0.22	0.00	0.00	8.60	0.89	0.00	0.00
3.00	0.23	0.00	0.00	8.70	0.90	0.00	0.00
3.10	0.24	0.00	0.00	8.80	0.92	0.00	0.00
3.20	0.25	0.00	0.00	8.90	0.94	0.00	0.00
3.30	0.25	0.00	0.00	9.00	0.96	0.00	0.00
3.40	0.26	0.00	0.00	9.10	0.98	0.00	0.00
3.50	0.27	0.00	0.00	9.20	1.00	0.00	0.00
3.60	0.28	0.00	0.00	9.30	1.02	0.00	0.00
3.70	0.29	0.00	0.00	9.40	1.04	0.00	0.00
3.80	0.30	0.00	0.00	9.50	1.07	0.00	0.00
3.90	0.31	0.00	0.00	9.60	1.09	0.00	0.00
4.00	0.32	0.00	0.00	9.70	1.12	0.00	0.00
4.10	0.33	0.00	0.00	9.80	1.14	0.00	0.00
4.20	0.34	0.00	0.00	9.90	1.17	0.00	0.00
4.30	0.35	0.00	0.00	10.00	1.20	0.00	0.00
4.40	0.36	0.00	0.00	10.10	1.23	0.00	0.00
4.50	0.36	0.00	0.00	10.20	1.26	0.00	0.00
4.60	0.37	0.00	0.00	10.30	1.29	0.00	0.00
4.70	0.38	0.00	0.00	10.40	1.32	0.00	0.00
4.80	0.39	0.00	0.00	10.50	1.35	0.00	0.00
4.90	0.40	0.00	0.00	10.60	1.39	0.00	0.00
5.00	0.41	0.00	0.00	10.70	1.43	0.00	0.00
5.10	0.42	0.00	0.00	10.80	1.48	0.00	0.00
5.20	0.43	0.00	0.00	10.90	1.52	0.00	0.00
5.30	0.44	0.00	0.00	11.00	1.57	0.00	0.00
5.40	0.45	0.00	0.00	11.10	1.63	0.00	0.00
5.50	0.46	0.00	0.00	11.20	1.69	0.00	0.00
5.60	0.47	0.00	0.00	11.30	1.76	0.00	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.84	0.00	0.00	17.10	5.43	0.29	0.01
11.50	1.92	0.00	0.00	17.20	5.44	0.30	0.01
11.60	2.03	0.00	0.00	17.30	5.45	0.30	0.01
11.70	2.14	0.00	0.00	17.40	5.46	0.30	0.01
11.80	2.30	0.00	0.00	17.50	5.48	0.31	0.01
11.90	2.52	0.00	0.00	17.60	5.49	0.31	0.01
12.00	2.90	0.00	0.00	17.70	5.50	0.31	0.01
12.10	3.53	0.01	0.00	17.80	5.51	0.32	0.01
12.20	3.75	0.02	0.03	17.90	5.52	0.32	0.01
12.30	3.91	0.04	0.04	18.00	5.53	0.32	0.01
12.40	4.02	0.05	0.05	18.10	5.54	0.32	0.01
12.50	4.13	0.06	**0.05**	18.20	5.55	0.33	0.01
12.60	4.21	0.07	**0.05**	18.30	5.57	0.33	0.01
12.70	4.29	0.08	0.05	18.40	5.58	0.33	0.01
12.80	4.36	0.09	0.04	18.50	5.59	0.33	0.01
12.90	4.42	0.10	0.04	18.60	5.60	0.34	0.01
13.00	4.48	0.11	0.04	18.70	5.61	0.34	0.01
13.10	4.53	0.11	0.04	18.80	5.62	0.34	0.01
13.20	4.57	0.12	0.04	18.90	5.63	0.34	0.01
13.30	4.62	0.13	0.03	19.00	5.64	0.35	0.01
13.40	4.66	0.14	0.03	19.10	5.65	0.35	0.01
13.50	4.70	0.14	0.03	19.20	5.66	0.35	0.01
13.60	4.73	0.15	0.03	19.30	5.67	0.35	0.01
13.70	4.76	0.15	0.03	19.40	5.68	0.36	0.01
13.80	4.79	0.16	0.03	19.50	5.69	0.36	0.01
13.90	4.82	0.17	0.03	19.60	5.69	0.36	0.01
14.00	4.85	0.17	0.02	19.70	5.70	0.36	0.01
14.10	4.88	0.18	0.02	19.80	5.71	0.37	0.01
14.20	4.91	0.18	0.02	19.90	5.72	0.37	0.01
14.30	4.93	0.19	0.02	20.00	5.73	0.37	0.01
14.40	4.96	0.19	0.02	20.10	5.74	0.37	0.01
14.50	4.98	0.20	0.02	20.20	5.75	0.38	0.01
14.60	5.01	0.20	0.02	20.30	5.76	0.38	0.01
14.70	5.03	0.21	0.02	20.40	5.77	0.38	0.01
14.80	5.05	0.21	0.02	20.50	5.78	0.38	0.01
14.90	5.07	0.21	0.02	20.60	5.79	0.39	0.01
15.00	5.09	0.22	0.02	20.70	5.80	0.39	0.01
15.10	5.11	0.22	0.02	20.80	5.80	0.39	0.01
15.20	5.13	0.23	0.02	20.90	5.81	0.39	0.01
15.30	5.15	0.23	0.02	21.00	5.82	0.40	0.01
15.40	5.16	0.23	0.02	21.10	5.83	0.40	0.01
15.50	5.18	0.24	0.02	21.20	5.84	0.40	0.01
15.60	5.20	0.24	0.02	21.30	5.85	0.40	0.01
15.70	5.22	0.25	0.02	21.40	5.86	0.41	0.01
15.80	5.23	0.25	0.02	21.50	5.86	0.41	0.01
15.90	5.25	0.25	0.02	21.60	5.87	0.41	0.01
16.00	5.26	0.26	0.02	21.70	5.88	0.41	0.01
16.10	5.28	0.26	0.02	21.80	5.89	0.41	0.01
16.20	5.30	0.26	0.02	21.90	5.90	0.42	0.01
16.30	5.31	0.27	0.02	22.00	5.90	0.42	0.01
16.40	5.33	0.27	0.02	22.10	5.91	0.42	0.01
16.50	5.34	0.27	0.02	22.20	5.92	0.42	0.01
16.60	5.36	0.28	0.02	22.30	5.93	0.43	0.01
16.70	5.37	0.28	0.01	22.40	5.94	0.43	0.01
16.80	5.39	0.28	0.01	22.50	5.94	0.43	0.01
16.90	5.40	0.29	0.01	22.60	5.95	0.43	0.01
17.00	5.41	0.29	0.01	22.70	5.96	0.43	0.01

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	5.97	0.44	0.01	28.50	6.05	0.46	0.00
22.90	5.97	0.44	0.01	28.60	6.05	0.46	0.00
23.00	5.98	0.44	0.01	28.70	6.05	0.46	0.00
23.10	5.99	0.44	0.01	28.80	6.05	0.46	0.00
23.20	6.00	0.44	0.01	28.90	6.05	0.46	0.00
23.30	6.00	0.45	0.01	29.00	6.05	0.46	0.00
23.40	6.01	0.45	0.01	29.10	6.05	0.46	0.00
23.50	6.02	0.45	0.01	29.20	6.05	0.46	0.00
23.60	6.02	0.45	0.01	29.30	6.05	0.46	0.00
23.70	6.03	0.45	0.01	29.40	6.05	0.46	0.00
23.80	6.04	0.46	0.01	29.50	6.05	0.46	0.00
23.90	6.04	0.46	0.01	29.60	6.05	0.46	0.00
24.00	**6.05**	**0.46**	0.01	29.70	6.05	0.46	0.00
24.10	6.05	0.46	0.01	29.80	6.05	0.46	0.00
24.20	6.05	0.46	0.00	29.90	6.05	0.46	0.00
24.30	6.05	0.46	0.00	30.00	6.05	0.46	0.00
24.40	6.05	0.46	0.00	30.10	6.05	0.46	0.00
24.50	6.05	0.46	0.00	30.20	6.05	0.46	0.00
24.60	6.05	0.46	0.00	30.30	6.05	0.46	0.00
24.70	6.05	0.46	0.00	30.40	6.05	0.46	0.00
24.80	6.05	0.46	0.00	30.50	6.05	0.46	0.00
24.90	6.05	0.46	0.00	30.60	6.05	0.46	0.00
25.00	6.05	0.46	0.00	30.70	6.05	0.46	0.00
25.10	6.05	0.46	0.00	30.80	6.05	0.46	0.00
25.20	6.05	0.46	0.00	30.90	6.05	0.46	0.00
25.30	6.05	0.46	0.00	31.00	6.05	0.46	0.00
25.40	6.05	0.46	0.00	31.10	6.05	0.46	0.00
25.50	6.05	0.46	0.00	31.20	6.05	0.46	0.00
25.60	6.05	0.46	0.00	31.30	6.05	0.46	0.00
25.70	6.05	0.46	0.00	31.40	6.05	0.46	0.00
25.80	6.05	0.46	0.00	31.50	6.05	0.46	0.00
25.90	6.05	0.46	0.00	31.60	6.05	0.46	0.00
26.00	6.05	0.46	0.00	31.70	6.05	0.46	0.00
26.10	6.05	0.46	0.00	31.80	6.05	0.46	0.00
26.20	6.05	0.46	0.00	31.90	6.05	0.46	0.00
26.30	6.05	0.46	0.00	32.00	6.05	0.46	0.00
26.40	6.05	0.46	0.00	32.10	6.05	0.46	0.00
26.50	6.05	0.46	0.00	32.20	6.05	0.46	0.00
26.60	6.05	0.46	0.00	32.30	6.05	0.46	0.00
26.70	6.05	0.46	0.00	32.40	6.05	0.46	0.00
26.80	6.05	0.46	0.00	32.50	6.05	0.46	0.00
26.90	6.05	0.46	0.00	32.60	6.05	0.46	0.00
27.00	6.05	0.46	0.00	32.70	6.05	0.46	0.00
27.10	6.05	0.46	0.00	32.80	6.05	0.46	0.00
27.20	6.05	0.46	0.00	32.90	6.05	0.46	0.00
27.30	6.05	0.46	0.00	33.00	6.05	0.46	0.00
27.40	6.05	0.46	0.00	33.10	6.05	0.46	0.00
27.50	6.05	0.46	0.00	33.20	6.05	0.46	0.00
27.60	6.05	0.46	0.00	33.30	6.05	0.46	0.00
27.70	6.05	0.46	0.00	33.40	6.05	0.46	0.00
27.80	6.05	0.46	0.00	33.50	6.05	0.46	0.00
27.90	6.05	0.46	0.00	33.60	6.05	0.46	0.00
28.00	6.05	0.46	0.00	33.70	6.05	0.46	0.00
28.10	6.05	0.46	0.00	33.80	6.05	0.46	0.00
28.20	6.05	0.46	0.00	33.90	6.05	0.46	0.00
28.30	6.05	0.46	0.00	34.00	6.05	0.46	0.00
28.40	6.05	0.46	0.00	34.10	6.05	0.46	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	6.05	0.46	0.00	39.90	6.05	0.46	0.00
34.30	6.05	0.46	0.00	40.00	6.05	0.46	0.00
34.40	6.05	0.46	0.00	40.10	6.05	0.46	0.00
34.50	6.05	0.46	0.00	40.20	6.05	0.46	0.00
34.60	6.05	0.46	0.00	40.30	6.05	0.46	0.00
34.70	6.05	0.46	0.00	40.40	6.05	0.46	0.00
34.80	6.05	0.46	0.00	40.50	6.05	0.46	0.00
34.90	6.05	0.46	0.00	40.60	6.05	0.46	0.00
35.00	6.05	0.46	0.00	40.70	6.05	0.46	0.00
35.10	6.05	0.46	0.00	40.80	6.05	0.46	0.00
35.20	6.05	0.46	0.00	40.90	6.05	0.46	0.00
35.30	6.05	0.46	0.00	41.00	6.05	0.46	0.00
35.40	6.05	0.46	0.00	41.10	6.05	0.46	0.00
35.50	6.05	0.46	0.00	41.20	6.05	0.46	0.00
35.60	6.05	0.46	0.00	41.30	6.05	0.46	0.00
35.70	6.05	0.46	0.00	41.40	6.05	0.46	0.00
35.80	6.05	0.46	0.00	41.50	6.05	0.46	0.00
35.90	6.05	0.46	0.00	41.60	6.05	0.46	0.00
36.00	6.05	0.46	0.00	41.70	6.05	0.46	0.00
36.10	6.05	0.46	0.00	41.80	6.05	0.46	0.00
36.20	6.05	0.46	0.00	41.90	6.05	0.46	0.00
36.30	6.05	0.46	0.00	42.00	6.05	0.46	0.00
36.40	6.05	0.46	0.00	42.10	6.05	0.46	0.00
36.50	6.05	0.46	0.00	42.20	6.05	0.46	0.00
36.60	6.05	0.46	0.00	42.30	6.05	0.46	0.00
36.70	6.05	0.46	0.00	42.40	6.05	0.46	0.00
36.80	6.05	0.46	0.00	42.50	6.05	0.46	0.00
36.90	6.05	0.46	0.00	42.60	6.05	0.46	0.00
37.00	6.05	0.46	0.00	42.70	6.05	0.46	0.00
37.10	6.05	0.46	0.00	42.80	6.05	0.46	0.00
37.20	6.05	0.46	0.00	42.90	6.05	0.46	0.00
37.30	6.05	0.46	0.00	43.00	6.05	0.46	0.00
37.40	6.05	0.46	0.00	43.10	6.05	0.46	0.00
37.50	6.05	0.46	0.00	43.20	6.05	0.46	0.00
37.60	6.05	0.46	0.00	43.30	6.05	0.46	0.00
37.70	6.05	0.46	0.00	43.40	6.05	0.46	0.00
37.80	6.05	0.46	0.00	43.50	6.05	0.46	0.00
37.90	6.05	0.46	0.00	43.60	6.05	0.46	0.00
38.00	6.05	0.46	0.00	43.70	6.05	0.46	0.00
38.10	6.05	0.46	0.00	43.80	6.05	0.46	0.00
38.20	6.05	0.46	0.00	43.90	6.05	0.46	0.00
38.30	6.05	0.46	0.00	44.00	6.05	0.46	0.00
38.40	6.05	0.46	0.00	44.10	6.05	0.46	0.00
38.50	6.05	0.46	0.00	44.20	6.05	0.46	0.00
38.60	6.05	0.46	0.00	44.30	6.05	0.46	0.00
38.70	6.05	0.46	0.00	44.40	6.05	0.46	0.00
38.80	6.05	0.46	0.00	44.50	6.05	0.46	0.00
38.90	6.05	0.46	0.00	44.60	6.05	0.46	0.00
39.00	6.05	0.46	0.00	44.70	6.05	0.46	0.00
39.10	6.05	0.46	0.00	44.80	6.05	0.46	0.00
39.20	6.05	0.46	0.00	44.90	6.05	0.46	0.00
39.30	6.05	0.46	0.00	45.00	6.05	0.46	0.00
39.40	6.05	0.46	0.00	45.10	6.05	0.46	0.00
39.50	6.05	0.46	0.00	45.20	6.05	0.46	0.00
39.60	6.05	0.46	0.00	45.30	6.05	0.46	0.00
39.70	6.05	0.46	0.00	45.40	6.05	0.46	0.00
39.80	6.05	0.46	0.00	45.50	6.05	0.46	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	6.05	0.46	0.00	51.30	6.05	0.46	0.00
45.70	6.05	0.46	0.00	51.40	6.05	0.46	0.00
45.80	6.05	0.46	0.00	51.50	6.05	0.46	0.00
45.90	6.05	0.46	0.00	51.60	6.05	0.46	0.00
46.00	6.05	0.46	0.00	51.70	6.05	0.46	0.00
46.10	6.05	0.46	0.00	51.80	6.05	0.46	0.00
46.20	6.05	0.46	0.00	51.90	6.05	0.46	0.00
46.30	6.05	0.46	0.00	52.00	6.05	0.46	0.00
46.40	6.05	0.46	0.00	52.10	6.05	0.46	0.00
46.50	6.05	0.46	0.00	52.20	6.05	0.46	0.00
46.60	6.05	0.46	0.00	52.30	6.05	0.46	0.00
46.70	6.05	0.46	0.00	52.40	6.05	0.46	0.00
46.80	6.05	0.46	0.00	52.50	6.05	0.46	0.00
46.90	6.05	0.46	0.00	52.60	6.05	0.46	0.00
47.00	6.05	0.46	0.00	52.70	6.05	0.46	0.00
47.10	6.05	0.46	0.00	52.80	6.05	0.46	0.00
47.20	6.05	0.46	0.00	52.90	6.05	0.46	0.00
47.30	6.05	0.46	0.00	53.00	6.05	0.46	0.00
47.40	6.05	0.46	0.00	53.10	6.05	0.46	0.00
47.50	6.05	0.46	0.00	53.20	6.05	0.46	0.00
47.60	6.05	0.46	0.00	53.30	6.05	0.46	0.00
47.70	6.05	0.46	0.00	53.40	6.05	0.46	0.00
47.80	6.05	0.46	0.00	53.50	6.05	0.46	0.00
47.90	6.05	0.46	0.00	53.60	6.05	0.46	0.00
48.00	6.05	0.46	0.00	53.70	6.05	0.46	0.00
48.10	6.05	0.46	0.00	53.80	6.05	0.46	0.00
48.20	6.05	0.46	0.00	53.90	6.05	0.46	0.00
48.30	6.05	0.46	0.00	54.00	6.05	0.46	0.00
48.40	6.05	0.46	0.00	54.10	6.05	0.46	0.00
48.50	6.05	0.46	0.00	54.20	6.05	0.46	0.00
48.60	6.05	0.46	0.00	54.30	6.05	0.46	0.00
48.70	6.05	0.46	0.00	54.40	6.05	0.46	0.00
48.80	6.05	0.46	0.00	54.50	6.05	0.46	0.00
48.90	6.05	0.46	0.00	54.60	6.05	0.46	0.00
49.00	6.05	0.46	0.00	54.70	6.05	0.46	0.00
49.10	6.05	0.46	0.00	54.80	6.05	0.46	0.00
49.20	6.05	0.46	0.00	54.90	6.05	0.46	0.00
49.30	6.05	0.46	0.00	55.00	6.05	0.46	0.00
49.40	6.05	0.46	0.00	55.10	6.05	0.46	0.00
49.50	6.05	0.46	0.00	55.20	6.05	0.46	0.00
49.60	6.05	0.46	0.00	55.30	6.05	0.46	0.00
49.70	6.05	0.46	0.00	55.40	6.05	0.46	0.00
49.80	6.05	0.46	0.00	55.50	6.05	0.46	0.00
49.90	6.05	0.46	0.00	55.60	6.05	0.46	0.00
50.00	6.05	0.46	0.00	55.70	6.05	0.46	0.00
50.10	6.05	0.46	0.00	55.80	6.05	0.46	0.00
50.20	6.05	0.46	0.00	55.90	6.05	0.46	0.00
50.30	6.05	0.46	0.00	56.00	6.05	0.46	0.00
50.40	6.05	0.46	0.00	56.10	6.05	0.46	0.00
50.50	6.05	0.46	0.00	56.20	6.05	0.46	0.00
50.60	6.05	0.46	0.00	56.30	6.05	0.46	0.00
50.70	6.05	0.46	0.00	56.40	6.05	0.46	0.00
50.80	6.05	0.46	0.00	56.50	6.05	0.46	0.00
50.90	6.05	0.46	0.00	56.60	6.05	0.46	0.00
51.00	6.05	0.46	0.00	56.70	6.05	0.46	0.00
51.10	6.05	0.46	0.00	56.80	6.05	0.46	0.00
51.20	6.05	0.46	0.00	56.90	6.05	0.46	0.00

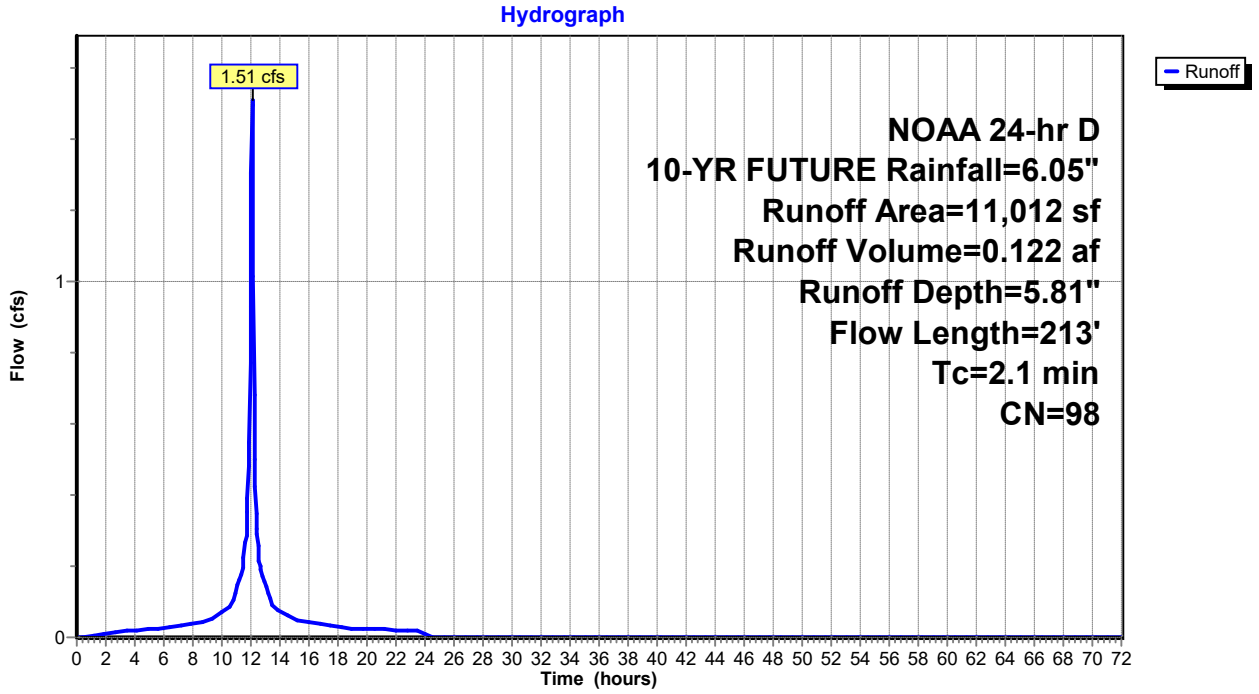
Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	6.05	0.46	0.00	62.70	6.05	0.46	0.00
57.10	6.05	0.46	0.00	62.80	6.05	0.46	0.00
57.20	6.05	0.46	0.00	62.90	6.05	0.46	0.00
57.30	6.05	0.46	0.00	63.00	6.05	0.46	0.00
57.40	6.05	0.46	0.00	63.10	6.05	0.46	0.00
57.50	6.05	0.46	0.00	63.20	6.05	0.46	0.00
57.60	6.05	0.46	0.00	63.30	6.05	0.46	0.00
57.70	6.05	0.46	0.00	63.40	6.05	0.46	0.00
57.80	6.05	0.46	0.00	63.50	6.05	0.46	0.00
57.90	6.05	0.46	0.00	63.60	6.05	0.46	0.00
58.00	6.05	0.46	0.00	63.70	6.05	0.46	0.00
58.10	6.05	0.46	0.00	63.80	6.05	0.46	0.00
58.20	6.05	0.46	0.00	63.90	6.05	0.46	0.00
58.30	6.05	0.46	0.00	64.00	6.05	0.46	0.00
58.40	6.05	0.46	0.00	64.10	6.05	0.46	0.00
58.50	6.05	0.46	0.00	64.20	6.05	0.46	0.00
58.60	6.05	0.46	0.00	64.30	6.05	0.46	0.00
58.70	6.05	0.46	0.00	64.40	6.05	0.46	0.00
58.80	6.05	0.46	0.00	64.50	6.05	0.46	0.00
58.90	6.05	0.46	0.00	64.60	6.05	0.46	0.00
59.00	6.05	0.46	0.00	64.70	6.05	0.46	0.00
59.10	6.05	0.46	0.00	64.80	6.05	0.46	0.00
59.20	6.05	0.46	0.00	64.90	6.05	0.46	0.00
59.30	6.05	0.46	0.00	65.00	6.05	0.46	0.00
59.40	6.05	0.46	0.00	65.10	6.05	0.46	0.00
59.50	6.05	0.46	0.00	65.20	6.05	0.46	0.00
59.60	6.05	0.46	0.00	65.30	6.05	0.46	0.00
59.70	6.05	0.46	0.00	65.40	6.05	0.46	0.00
59.80	6.05	0.46	0.00	65.50	6.05	0.46	0.00
59.90	6.05	0.46	0.00	65.60	6.05	0.46	0.00
60.00	6.05	0.46	0.00	65.70	6.05	0.46	0.00
60.10	6.05	0.46	0.00	65.80	6.05	0.46	0.00
60.20	6.05	0.46	0.00	65.90	6.05	0.46	0.00
60.30	6.05	0.46	0.00	66.00	6.05	0.46	0.00
60.40	6.05	0.46	0.00	66.10	6.05	0.46	0.00
60.50	6.05	0.46	0.00	66.20	6.05	0.46	0.00
60.60	6.05	0.46	0.00	66.30	6.05	0.46	0.00
60.70	6.05	0.46	0.00	66.40	6.05	0.46	0.00
60.80	6.05	0.46	0.00	66.50	6.05	0.46	0.00
60.90	6.05	0.46	0.00	66.60	6.05	0.46	0.00
61.00	6.05	0.46	0.00	66.70	6.05	0.46	0.00
61.10	6.05	0.46	0.00	66.80	6.05	0.46	0.00
61.20	6.05	0.46	0.00	66.90	6.05	0.46	0.00
61.30	6.05	0.46	0.00	67.00	6.05	0.46	0.00
61.40	6.05	0.46	0.00	67.10	6.05	0.46	0.00
61.50	6.05	0.46	0.00	67.20	6.05	0.46	0.00
61.60	6.05	0.46	0.00	67.30	6.05	0.46	0.00
61.70	6.05	0.46	0.00	67.40	6.05	0.46	0.00
61.80	6.05	0.46	0.00	67.50	6.05	0.46	0.00
61.90	6.05	0.46	0.00	67.60	6.05	0.46	0.00
62.00	6.05	0.46	0.00	67.70	6.05	0.46	0.00
62.10	6.05	0.46	0.00	67.80	6.05	0.46	0.00
62.20	6.05	0.46	0.00	67.90	6.05	0.46	0.00
62.30	6.05	0.46	0.00	68.00	6.05	0.46	0.00
62.40	6.05	0.46	0.00	68.10	6.05	0.46	0.00
62.50	6.05	0.46	0.00	68.20	6.05	0.46	0.00
62.60	6.05	0.46	0.00	68.30	6.05	0.46	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	6.05	0.46	0.00
68.50	6.05	0.46	0.00
68.60	6.05	0.46	0.00
68.70	6.05	0.46	0.00
68.80	6.05	0.46	0.00
68.90	6.05	0.46	0.00
69.00	6.05	0.46	0.00
69.10	6.05	0.46	0.00
69.20	6.05	0.46	0.00
69.30	6.05	0.46	0.00
69.40	6.05	0.46	0.00
69.50	6.05	0.46	0.00
69.60	6.05	0.46	0.00
69.70	6.05	0.46	0.00
69.80	6.05	0.46	0.00
69.90	6.05	0.46	0.00
70.00	6.05	0.46	0.00
70.10	6.05	0.46	0.00
70.20	6.05	0.46	0.00
70.30	6.05	0.46	0.00
70.40	6.05	0.46	0.00
70.50	6.05	0.46	0.00
70.60	6.05	0.46	0.00
70.70	6.05	0.46	0.00
70.80	6.05	0.46	0.00
70.90	6.05	0.46	0.00
71.00	6.05	0.46	0.00
71.10	6.05	0.46	0.00
71.20	6.05	0.46	0.00
71.30	6.05	0.46	0.00
71.40	6.05	0.46	0.00
71.50	6.05	0.46	0.00
71.60	6.05	0.46	0.00
71.70	6.05	0.46	0.00
71.80	6.05	0.46	0.00
71.90	6.05	0.46	0.00
72.00	6.05	0.46	0.00

Subcatchment 9S: PDA 2-Impervious



Hydrograph for Subcatchment 9S: PDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.48	0.30	0.02
0.10	0.01	0.00	0.00	5.80	0.50	0.31	0.02
0.20	0.01	0.00	0.00	5.90	0.51	0.32	0.02
0.30	0.02	0.00	0.00	6.00	0.52	0.33	0.02
0.40	0.03	0.00	0.00	6.10	0.53	0.34	0.03
0.50	0.03	0.00	0.00	6.20	0.54	0.35	0.03
0.60	0.04	0.00	0.00	6.30	0.55	0.36	0.03
0.70	0.05	0.00	0.00	6.40	0.56	0.37	0.03
0.80	0.05	0.00	0.00	6.50	0.57	0.39	0.03
0.90	0.06	0.00	0.00	6.60	0.59	0.40	0.03
1.00	0.07	0.00	0.00	6.70	0.60	0.41	0.03
1.10	0.08	0.01	0.00	6.80	0.61	0.42	0.03
1.20	0.08	0.01	0.01	6.90	0.62	0.43	0.03
1.30	0.09	0.01	0.01	7.00	0.64	0.44	0.03
1.40	0.10	0.01	0.01	7.10	0.65	0.46	0.03
1.50	0.11	0.02	0.01	7.20	0.66	0.47	0.03
1.60	0.11	0.02	0.01	7.30	0.68	0.48	0.03
1.70	0.12	0.02	0.01	7.40	0.69	0.50	0.03
1.80	0.13	0.03	0.01	7.50	0.71	0.51	0.04
1.90	0.14	0.03	0.01	7.60	0.72	0.52	0.04
2.00	0.15	0.04	0.01	7.70	0.74	0.54	0.04
2.10	0.15	0.04	0.01	7.80	0.75	0.55	0.04
2.20	0.16	0.04	0.01	7.90	0.77	0.57	0.04
2.30	0.17	0.05	0.01	8.00	0.79	0.58	0.04
2.40	0.18	0.05	0.01	8.10	0.80	0.60	0.04
2.50	0.19	0.06	0.01	8.20	0.82	0.62	0.04
2.60	0.19	0.07	0.01	8.30	0.83	0.63	0.04
2.70	0.20	0.07	0.01	8.40	0.85	0.65	0.04
2.80	0.21	0.08	0.01	8.50	0.87	0.66	0.04
2.90	0.22	0.08	0.02	8.60	0.89	0.68	0.04
3.00	0.23	0.09	0.02	8.70	0.90	0.70	0.04
3.10	0.24	0.10	0.02	8.80	0.92	0.72	0.04
3.20	0.25	0.10	0.02	8.90	0.94	0.73	0.05
3.30	0.25	0.11	0.02	9.00	0.96	0.75	0.05
3.40	0.26	0.12	0.02	9.10	0.98	0.77	0.05
3.50	0.27	0.12	0.02	9.20	1.00	0.79	0.05
3.60	0.28	0.13	0.02	9.30	1.02	0.81	0.05
3.70	0.29	0.14	0.02	9.40	1.04	0.83	0.06
3.80	0.30	0.14	0.02	9.50	1.07	0.86	0.06
3.90	0.31	0.15	0.02	9.60	1.09	0.88	0.06
4.00	0.32	0.16	0.02	9.70	1.12	0.91	0.06
4.10	0.33	0.17	0.02	9.80	1.14	0.93	0.07
4.20	0.34	0.17	0.02	9.90	1.17	0.96	0.07
4.30	0.35	0.18	0.02	10.00	1.20	0.99	0.07
4.40	0.36	0.19	0.02	10.10	1.23	1.01	0.07
4.50	0.36	0.20	0.02	10.20	1.26	1.04	0.07
4.60	0.37	0.21	0.02	10.30	1.29	1.07	0.08
4.70	0.38	0.22	0.02	10.40	1.32	1.11	0.08
4.80	0.39	0.22	0.02	10.50	1.35	1.14	0.08
4.90	0.40	0.23	0.02	10.60	1.39	1.17	0.09
5.00	0.41	0.24	0.02	10.70	1.43	1.21	0.10
5.10	0.42	0.25	0.02	10.80	1.48	1.26	0.11
5.20	0.43	0.26	0.02	10.90	1.52	1.30	0.12
5.30	0.44	0.27	0.02	11.00	1.57	1.35	0.13
5.40	0.45	0.28	0.02	11.10	1.63	1.41	0.14
5.50	0.46	0.29	0.02	11.20	1.69	1.47	0.16
5.60	0.47	0.29	0.02	11.30	1.76	1.54	0.17

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	1.84	1.61	0.19	17.10	5.43	5.19	0.03
11.50	1.92	1.69	0.21	17.20	5.44	5.20	0.03
11.60	2.03	1.80	0.27	17.30	5.45	5.21	0.03
11.70	2.14	1.92	0.29	17.40	5.46	5.23	0.03
11.80	2.30	2.07	0.39	17.50	5.48	5.24	0.03
11.90	2.52	2.29	0.55	17.60	5.49	5.25	0.03
12.00	2.90	2.67	0.93	17.70	5.50	5.26	0.03
12.10	3.53	3.30	**1.49**	17.80	5.51	5.27	0.03
12.20	3.75	3.52	0.68	17.90	5.52	5.29	0.03
12.30	3.91	3.67	0.42	18.00	5.53	5.30	0.03
12.40	4.02	3.79	0.31	18.10	5.54	5.31	0.03
12.50	4.13	3.90	0.28	18.20	5.55	5.32	0.03
12.60	4.21	3.98	0.22	18.30	5.57	5.33	0.03
12.70	4.29	4.05	0.19	18.40	5.58	5.34	0.03
12.80	4.36	4.12	0.18	18.50	5.59	5.35	0.03
12.90	4.42	4.18	0.16	18.60	5.60	5.36	0.03
13.00	4.48	4.24	0.15	18.70	5.61	5.37	0.03
13.10	4.53	4.29	0.13	18.80	5.62	5.38	0.03
13.20	4.57	4.34	0.12	18.90	5.63	5.39	0.03
13.30	4.62	4.38	0.11	19.00	5.64	5.40	0.03
13.40	4.66	4.42	0.10	19.10	5.65	5.41	0.03
13.50	4.70	4.46	0.09	19.20	5.66	5.42	0.03
13.60	4.73	4.49	0.09	19.30	5.67	5.43	0.02
13.70	4.76	4.52	0.08	19.40	5.68	5.44	0.02
13.80	4.79	4.55	0.08	19.50	5.69	5.45	0.02
13.90	4.82	4.58	0.08	19.60	5.69	5.46	0.02
14.00	4.85	4.61	0.07	19.70	5.70	5.47	0.02
14.10	4.88	4.64	0.07	19.80	5.71	5.48	0.02
14.20	4.91	4.67	0.07	19.90	5.72	5.49	0.02
14.30	4.93	4.70	0.07	20.00	5.73	5.49	0.02
14.40	4.96	4.72	0.06	20.10	5.74	5.50	0.02
14.50	4.98	4.75	0.06	20.20	5.75	5.51	0.02
14.60	5.01	4.77	0.06	20.30	5.76	5.52	0.02
14.70	5.03	4.79	0.06	20.40	5.77	5.53	0.02
14.80	5.05	4.81	0.06	20.50	5.78	5.54	0.02
14.90	5.07	4.83	0.05	20.60	5.79	5.55	0.02
15.00	5.09	4.85	0.05	20.70	5.80	5.56	0.02
15.10	5.11	4.87	0.05	20.80	5.80	5.57	0.02
15.20	5.13	4.89	0.05	20.90	5.81	5.58	0.02
15.30	5.15	4.91	0.05	21.00	5.82	5.58	0.02
15.40	5.16	4.93	0.05	21.10	5.83	5.59	0.02
15.50	5.18	4.94	0.04	21.20	5.84	5.60	0.02
15.60	5.20	4.96	0.04	21.30	5.85	5.61	0.02
15.70	5.22	4.98	0.04	21.40	5.86	5.62	0.02
15.80	5.23	4.99	0.04	21.50	5.86	5.63	0.02
15.90	5.25	5.01	0.04	21.60	5.87	5.63	0.02
16.00	5.26	5.03	0.04	21.70	5.88	5.64	0.02
16.10	5.28	5.04	0.04	21.80	5.89	5.65	0.02
16.20	5.30	5.06	0.04	21.90	5.90	5.66	0.02
16.30	5.31	5.07	0.04	22.00	5.90	5.67	0.02
16.40	5.33	5.09	0.04	22.10	5.91	5.67	0.02
16.50	5.34	5.10	0.04	22.20	5.92	5.68	0.02
16.60	5.36	5.12	0.04	22.30	5.93	5.69	0.02
16.70	5.37	5.13	0.04	22.40	5.94	5.70	0.02
16.80	5.39	5.15	0.04	22.50	5.94	5.71	0.02
16.90	5.40	5.16	0.04	22.60	5.95	5.71	0.02
17.00	5.41	5.18	0.03	22.70	5.96	5.72	0.02

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	5.97	5.73	0.02	28.50	6.05	5.81	0.00
22.90	5.97	5.74	0.02	28.60	6.05	5.81	0.00
23.00	5.98	5.74	0.02	28.70	6.05	5.81	0.00
23.10	5.99	5.75	0.02	28.80	6.05	5.81	0.00
23.20	6.00	5.76	0.02	28.90	6.05	5.81	0.00
23.30	6.00	5.76	0.02	29.00	6.05	5.81	0.00
23.40	6.01	5.77	0.02	29.10	6.05	5.81	0.00
23.50	6.02	5.78	0.02	29.20	6.05	5.81	0.00
23.60	6.02	5.78	0.02	29.30	6.05	5.81	0.00
23.70	6.03	5.79	0.02	29.40	6.05	5.81	0.00
23.80	6.04	5.80	0.02	29.50	6.05	5.81	0.00
23.90	6.04	5.81	0.02	29.60	6.05	5.81	0.00
24.00	**6.05**	**5.81**	0.02	29.70	6.05	5.81	0.00
24.10	6.05	5.81	0.00	29.80	6.05	5.81	0.00
24.20	6.05	5.81	0.00	29.90	6.05	5.81	0.00
24.30	6.05	5.81	0.00	30.00	6.05	5.81	0.00
24.40	6.05	5.81	0.00	30.10	6.05	5.81	0.00
24.50	6.05	5.81	0.00	30.20	6.05	5.81	0.00
24.60	6.05	5.81	0.00	30.30	6.05	5.81	0.00
24.70	6.05	5.81	0.00	30.40	6.05	5.81	0.00
24.80	6.05	5.81	0.00	30.50	6.05	5.81	0.00
24.90	6.05	5.81	0.00	30.60	6.05	5.81	0.00
25.00	6.05	5.81	0.00	30.70	6.05	5.81	0.00
25.10	6.05	5.81	0.00	30.80	6.05	5.81	0.00
25.20	6.05	5.81	0.00	30.90	6.05	5.81	0.00
25.30	6.05	5.81	0.00	31.00	6.05	5.81	0.00
25.40	6.05	5.81	0.00	31.10	6.05	5.81	0.00
25.50	6.05	5.81	0.00	31.20	6.05	5.81	0.00
25.60	6.05	5.81	0.00	31.30	6.05	5.81	0.00
25.70	6.05	5.81	0.00	31.40	6.05	5.81	0.00
25.80	6.05	5.81	0.00	31.50	6.05	5.81	0.00
25.90	6.05	5.81	0.00	31.60	6.05	5.81	0.00
26.00	6.05	5.81	0.00	31.70	6.05	5.81	0.00
26.10	6.05	5.81	0.00	31.80	6.05	5.81	0.00
26.20	6.05	5.81	0.00	31.90	6.05	5.81	0.00
26.30	6.05	5.81	0.00	32.00	6.05	5.81	0.00
26.40	6.05	5.81	0.00	32.10	6.05	5.81	0.00
26.50	6.05	5.81	0.00	32.20	6.05	5.81	0.00
26.60	6.05	5.81	0.00	32.30	6.05	5.81	0.00
26.70	6.05	5.81	0.00	32.40	6.05	5.81	0.00
26.80	6.05	5.81	0.00	32.50	6.05	5.81	0.00
26.90	6.05	5.81	0.00	32.60	6.05	5.81	0.00
27.00	6.05	5.81	0.00	32.70	6.05	5.81	0.00
27.10	6.05	5.81	0.00	32.80	6.05	5.81	0.00
27.20	6.05	5.81	0.00	32.90	6.05	5.81	0.00
27.30	6.05	5.81	0.00	33.00	6.05	5.81	0.00
27.40	6.05	5.81	0.00	33.10	6.05	5.81	0.00
27.50	6.05	5.81	0.00	33.20	6.05	5.81	0.00
27.60	6.05	5.81	0.00	33.30	6.05	5.81	0.00
27.70	6.05	5.81	0.00	33.40	6.05	5.81	0.00
27.80	6.05	5.81	0.00	33.50	6.05	5.81	0.00
27.90	6.05	5.81	0.00	33.60	6.05	5.81	0.00
28.00	6.05	5.81	0.00	33.70	6.05	5.81	0.00
28.10	6.05	5.81	0.00	33.80	6.05	5.81	0.00
28.20	6.05	5.81	0.00	33.90	6.05	5.81	0.00
28.30	6.05	5.81	0.00	34.00	6.05	5.81	0.00
28.40	6.05	5.81	0.00	34.10	6.05	5.81	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	6.05	5.81	0.00	39.90	6.05	5.81	0.00
34.30	6.05	5.81	0.00	40.00	6.05	5.81	0.00
34.40	6.05	5.81	0.00	40.10	6.05	5.81	0.00
34.50	6.05	5.81	0.00	40.20	6.05	5.81	0.00
34.60	6.05	5.81	0.00	40.30	6.05	5.81	0.00
34.70	6.05	5.81	0.00	40.40	6.05	5.81	0.00
34.80	6.05	5.81	0.00	40.50	6.05	5.81	0.00
34.90	6.05	5.81	0.00	40.60	6.05	5.81	0.00
35.00	6.05	5.81	0.00	40.70	6.05	5.81	0.00
35.10	6.05	5.81	0.00	40.80	6.05	5.81	0.00
35.20	6.05	5.81	0.00	40.90	6.05	5.81	0.00
35.30	6.05	5.81	0.00	41.00	6.05	5.81	0.00
35.40	6.05	5.81	0.00	41.10	6.05	5.81	0.00
35.50	6.05	5.81	0.00	41.20	6.05	5.81	0.00
35.60	6.05	5.81	0.00	41.30	6.05	5.81	0.00
35.70	6.05	5.81	0.00	41.40	6.05	5.81	0.00
35.80	6.05	5.81	0.00	41.50	6.05	5.81	0.00
35.90	6.05	5.81	0.00	41.60	6.05	5.81	0.00
36.00	6.05	5.81	0.00	41.70	6.05	5.81	0.00
36.10	6.05	5.81	0.00	41.80	6.05	5.81	0.00
36.20	6.05	5.81	0.00	41.90	6.05	5.81	0.00
36.30	6.05	5.81	0.00	42.00	6.05	5.81	0.00
36.40	6.05	5.81	0.00	42.10	6.05	5.81	0.00
36.50	6.05	5.81	0.00	42.20	6.05	5.81	0.00
36.60	6.05	5.81	0.00	42.30	6.05	5.81	0.00
36.70	6.05	5.81	0.00	42.40	6.05	5.81	0.00
36.80	6.05	5.81	0.00	42.50	6.05	5.81	0.00
36.90	6.05	5.81	0.00	42.60	6.05	5.81	0.00
37.00	6.05	5.81	0.00	42.70	6.05	5.81	0.00
37.10	6.05	5.81	0.00	42.80	6.05	5.81	0.00
37.20	6.05	5.81	0.00	42.90	6.05	5.81	0.00
37.30	6.05	5.81	0.00	43.00	6.05	5.81	0.00
37.40	6.05	5.81	0.00	43.10	6.05	5.81	0.00
37.50	6.05	5.81	0.00	43.20	6.05	5.81	0.00
37.60	6.05	5.81	0.00	43.30	6.05	5.81	0.00
37.70	6.05	5.81	0.00	43.40	6.05	5.81	0.00
37.80	6.05	5.81	0.00	43.50	6.05	5.81	0.00
37.90	6.05	5.81	0.00	43.60	6.05	5.81	0.00
38.00	6.05	5.81	0.00	43.70	6.05	5.81	0.00
38.10	6.05	5.81	0.00	43.80	6.05	5.81	0.00
38.20	6.05	5.81	0.00	43.90	6.05	5.81	0.00
38.30	6.05	5.81	0.00	44.00	6.05	5.81	0.00
38.40	6.05	5.81	0.00	44.10	6.05	5.81	0.00
38.50	6.05	5.81	0.00	44.20	6.05	5.81	0.00
38.60	6.05	5.81	0.00	44.30	6.05	5.81	0.00
38.70	6.05	5.81	0.00	44.40	6.05	5.81	0.00
38.80	6.05	5.81	0.00	44.50	6.05	5.81	0.00
38.90	6.05	5.81	0.00	44.60	6.05	5.81	0.00
39.00	6.05	5.81	0.00	44.70	6.05	5.81	0.00
39.10	6.05	5.81	0.00	44.80	6.05	5.81	0.00
39.20	6.05	5.81	0.00	44.90	6.05	5.81	0.00
39.30	6.05	5.81	0.00	45.00	6.05	5.81	0.00
39.40	6.05	5.81	0.00	45.10	6.05	5.81	0.00
39.50	6.05	5.81	0.00	45.20	6.05	5.81	0.00
39.60	6.05	5.81	0.00	45.30	6.05	5.81	0.00
39.70	6.05	5.81	0.00	45.40	6.05	5.81	0.00
39.80	6.05	5.81	0.00	45.50	6.05	5.81	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	6.05	5.81	0.00	51.30	6.05	5.81	0.00
45.70	6.05	5.81	0.00	51.40	6.05	5.81	0.00
45.80	6.05	5.81	0.00	51.50	6.05	5.81	0.00
45.90	6.05	5.81	0.00	51.60	6.05	5.81	0.00
46.00	6.05	5.81	0.00	51.70	6.05	5.81	0.00
46.10	6.05	5.81	0.00	51.80	6.05	5.81	0.00
46.20	6.05	5.81	0.00	51.90	6.05	5.81	0.00
46.30	6.05	5.81	0.00	52.00	6.05	5.81	0.00
46.40	6.05	5.81	0.00	52.10	6.05	5.81	0.00
46.50	6.05	5.81	0.00	52.20	6.05	5.81	0.00
46.60	6.05	5.81	0.00	52.30	6.05	5.81	0.00
46.70	6.05	5.81	0.00	52.40	6.05	5.81	0.00
46.80	6.05	5.81	0.00	52.50	6.05	5.81	0.00
46.90	6.05	5.81	0.00	52.60	6.05	5.81	0.00
47.00	6.05	5.81	0.00	52.70	6.05	5.81	0.00
47.10	6.05	5.81	0.00	52.80	6.05	5.81	0.00
47.20	6.05	5.81	0.00	52.90	6.05	5.81	0.00
47.30	6.05	5.81	0.00	53.00	6.05	5.81	0.00
47.40	6.05	5.81	0.00	53.10	6.05	5.81	0.00
47.50	6.05	5.81	0.00	53.20	6.05	5.81	0.00
47.60	6.05	5.81	0.00	53.30	6.05	5.81	0.00
47.70	6.05	5.81	0.00	53.40	6.05	5.81	0.00
47.80	6.05	5.81	0.00	53.50	6.05	5.81	0.00
47.90	6.05	5.81	0.00	53.60	6.05	5.81	0.00
48.00	6.05	5.81	0.00	53.70	6.05	5.81	0.00
48.10	6.05	5.81	0.00	53.80	6.05	5.81	0.00
48.20	6.05	5.81	0.00	53.90	6.05	5.81	0.00
48.30	6.05	5.81	0.00	54.00	6.05	5.81	0.00
48.40	6.05	5.81	0.00	54.10	6.05	5.81	0.00
48.50	6.05	5.81	0.00	54.20	6.05	5.81	0.00
48.60	6.05	5.81	0.00	54.30	6.05	5.81	0.00
48.70	6.05	5.81	0.00	54.40	6.05	5.81	0.00
48.80	6.05	5.81	0.00	54.50	6.05	5.81	0.00
48.90	6.05	5.81	0.00	54.60	6.05	5.81	0.00
49.00	6.05	5.81	0.00	54.70	6.05	5.81	0.00
49.10	6.05	5.81	0.00	54.80	6.05	5.81	0.00
49.20	6.05	5.81	0.00	54.90	6.05	5.81	0.00
49.30	6.05	5.81	0.00	55.00	6.05	5.81	0.00
49.40	6.05	5.81	0.00	55.10	6.05	5.81	0.00
49.50	6.05	5.81	0.00	55.20	6.05	5.81	0.00
49.60	6.05	5.81	0.00	55.30	6.05	5.81	0.00
49.70	6.05	5.81	0.00	55.40	6.05	5.81	0.00
49.80	6.05	5.81	0.00	55.50	6.05	5.81	0.00
49.90	6.05	5.81	0.00	55.60	6.05	5.81	0.00
50.00	6.05	5.81	0.00	55.70	6.05	5.81	0.00
50.10	6.05	5.81	0.00	55.80	6.05	5.81	0.00
50.20	6.05	5.81	0.00	55.90	6.05	5.81	0.00
50.30	6.05	5.81	0.00	56.00	6.05	5.81	0.00
50.40	6.05	5.81	0.00	56.10	6.05	5.81	0.00
50.50	6.05	5.81	0.00	56.20	6.05	5.81	0.00
50.60	6.05	5.81	0.00	56.30	6.05	5.81	0.00
50.70	6.05	5.81	0.00	56.40	6.05	5.81	0.00
50.80	6.05	5.81	0.00	56.50	6.05	5.81	0.00
50.90	6.05	5.81	0.00	56.60	6.05	5.81	0.00
51.00	6.05	5.81	0.00	56.70	6.05	5.81	0.00
51.10	6.05	5.81	0.00	56.80	6.05	5.81	0.00
51.20	6.05	5.81	0.00	56.90	6.05	5.81	0.00

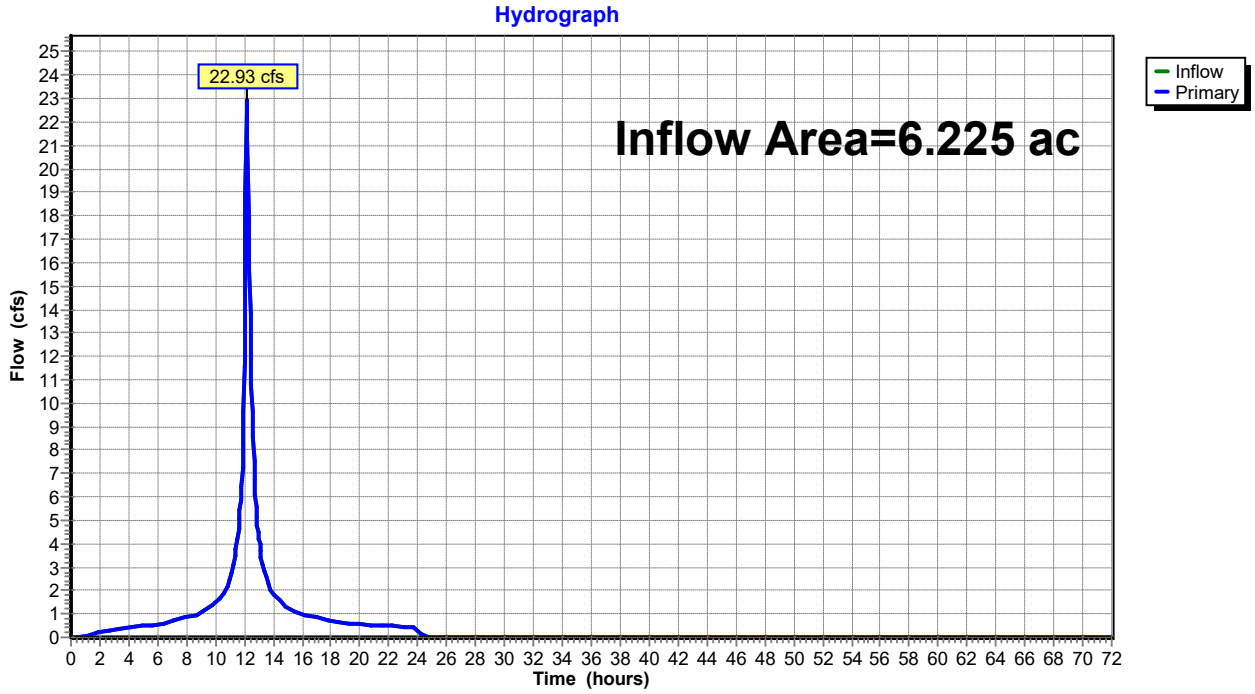
Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	6.05	5.81	0.00	62.70	6.05	5.81	0.00
57.10	6.05	5.81	0.00	62.80	6.05	5.81	0.00
57.20	6.05	5.81	0.00	62.90	6.05	5.81	0.00
57.30	6.05	5.81	0.00	63.00	6.05	5.81	0.00
57.40	6.05	5.81	0.00	63.10	6.05	5.81	0.00
57.50	6.05	5.81	0.00	63.20	6.05	5.81	0.00
57.60	6.05	5.81	0.00	63.30	6.05	5.81	0.00
57.70	6.05	5.81	0.00	63.40	6.05	5.81	0.00
57.80	6.05	5.81	0.00	63.50	6.05	5.81	0.00
57.90	6.05	5.81	0.00	63.60	6.05	5.81	0.00
58.00	6.05	5.81	0.00	63.70	6.05	5.81	0.00
58.10	6.05	5.81	0.00	63.80	6.05	5.81	0.00
58.20	6.05	5.81	0.00	63.90	6.05	5.81	0.00
58.30	6.05	5.81	0.00	64.00	6.05	5.81	0.00
58.40	6.05	5.81	0.00	64.10	6.05	5.81	0.00
58.50	6.05	5.81	0.00	64.20	6.05	5.81	0.00
58.60	6.05	5.81	0.00	64.30	6.05	5.81	0.00
58.70	6.05	5.81	0.00	64.40	6.05	5.81	0.00
58.80	6.05	5.81	0.00	64.50	6.05	5.81	0.00
58.90	6.05	5.81	0.00	64.60	6.05	5.81	0.00
59.00	6.05	5.81	0.00	64.70	6.05	5.81	0.00
59.10	6.05	5.81	0.00	64.80	6.05	5.81	0.00
59.20	6.05	5.81	0.00	64.90	6.05	5.81	0.00
59.30	6.05	5.81	0.00	65.00	6.05	5.81	0.00
59.40	6.05	5.81	0.00	65.10	6.05	5.81	0.00
59.50	6.05	5.81	0.00	65.20	6.05	5.81	0.00
59.60	6.05	5.81	0.00	65.30	6.05	5.81	0.00
59.70	6.05	5.81	0.00	65.40	6.05	5.81	0.00
59.80	6.05	5.81	0.00	65.50	6.05	5.81	0.00
59.90	6.05	5.81	0.00	65.60	6.05	5.81	0.00
60.00	6.05	5.81	0.00	65.70	6.05	5.81	0.00
60.10	6.05	5.81	0.00	65.80	6.05	5.81	0.00
60.20	6.05	5.81	0.00	65.90	6.05	5.81	0.00
60.30	6.05	5.81	0.00	66.00	6.05	5.81	0.00
60.40	6.05	5.81	0.00	66.10	6.05	5.81	0.00
60.50	6.05	5.81	0.00	66.20	6.05	5.81	0.00
60.60	6.05	5.81	0.00	66.30	6.05	5.81	0.00
60.70	6.05	5.81	0.00	66.40	6.05	5.81	0.00
60.80	6.05	5.81	0.00	66.50	6.05	5.81	0.00
60.90	6.05	5.81	0.00	66.60	6.05	5.81	0.00
61.00	6.05	5.81	0.00	66.70	6.05	5.81	0.00
61.10	6.05	5.81	0.00	66.80	6.05	5.81	0.00
61.20	6.05	5.81	0.00	66.90	6.05	5.81	0.00
61.30	6.05	5.81	0.00	67.00	6.05	5.81	0.00
61.40	6.05	5.81	0.00	67.10	6.05	5.81	0.00
61.50	6.05	5.81	0.00	67.20	6.05	5.81	0.00
61.60	6.05	5.81	0.00	67.30	6.05	5.81	0.00
61.70	6.05	5.81	0.00	67.40	6.05	5.81	0.00
61.80	6.05	5.81	0.00	67.50	6.05	5.81	0.00
61.90	6.05	5.81	0.00	67.60	6.05	5.81	0.00
62.00	6.05	5.81	0.00	67.70	6.05	5.81	0.00
62.10	6.05	5.81	0.00	67.80	6.05	5.81	0.00
62.20	6.05	5.81	0.00	67.90	6.05	5.81	0.00
62.30	6.05	5.81	0.00	68.00	6.05	5.81	0.00
62.40	6.05	5.81	0.00	68.10	6.05	5.81	0.00
62.50	6.05	5.81	0.00	68.20	6.05	5.81	0.00
62.60	6.05	5.81	0.00	68.30	6.05	5.81	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	6.05	5.81	0.00
68.50	6.05	5.81	0.00
68.60	6.05	5.81	0.00
68.70	6.05	5.81	0.00
68.80	6.05	5.81	0.00
68.90	6.05	5.81	0.00
69.00	6.05	5.81	0.00
69.10	6.05	5.81	0.00
69.20	6.05	5.81	0.00
69.30	6.05	5.81	0.00
69.40	6.05	5.81	0.00
69.50	6.05	5.81	0.00
69.60	6.05	5.81	0.00
69.70	6.05	5.81	0.00
69.80	6.05	5.81	0.00
69.90	6.05	5.81	0.00
70.00	6.05	5.81	0.00
70.10	6.05	5.81	0.00
70.20	6.05	5.81	0.00
70.30	6.05	5.81	0.00
70.40	6.05	5.81	0.00
70.50	6.05	5.81	0.00
70.60	6.05	5.81	0.00
70.70	6.05	5.81	0.00
70.80	6.05	5.81	0.00
70.90	6.05	5.81	0.00
71.00	6.05	5.81	0.00
71.10	6.05	5.81	0.00
71.20	6.05	5.81	0.00
71.30	6.05	5.81	0.00
71.40	6.05	5.81	0.00
71.50	6.05	5.81	0.00
71.60	6.05	5.81	0.00
71.70	6.05	5.81	0.00
71.80	6.05	5.81	0.00
71.90	6.05	5.81	0.00
72.00	6.05	5.81	0.00

Link 8L: POA-1


Hydrograph
22.93 cfs
Inflow Area=6.225 ac
Inflow
Primary
Flow (cfs)
Time (hours)

Hydrograph for Link 8L: POA-1

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.54	0.00	0.54
0.10	0.00	0.00	0.00	5.80	0.54	0.00	0.54
0.20	0.00	0.00	0.00	5.90	0.55	0.00	0.55
0.30	0.00	0.00	0.00	6.00	0.55	0.00	0.55
0.40	0.00	0.00	0.00	6.10	0.56	0.00	0.56
0.50	0.00	0.00	0.00	6.20	0.57	0.00	0.57
0.60	0.00	0.00	0.00	6.30	0.58	0.00	0.58
0.70	0.00	0.00	0.00	6.40	0.60	0.00	0.60
0.80	0.01	0.00	0.01	6.50	0.61	0.00	0.61
0.90	0.03	0.00	0.03	6.60	0.63	0.00	0.63
1.00	0.05	0.00	0.05	6.70	0.65	0.00	0.65
1.10	0.07	0.00	0.07	6.80	0.66	0.00	0.66
1.20	0.09	0.00	0.09	6.90	0.68	0.00	0.68
1.30	0.11	0.00	0.11	7.00	0.70	0.00	0.70
1.40	0.13	0.00	0.13	7.10	0.71	0.00	0.71
1.50	0.15	0.00	0.15	7.20	0.73	0.00	0.73
1.60	0.17	0.00	0.17	7.30	0.75	0.00	0.75
1.70	0.18	0.00	0.18	7.40	0.76	0.00	0.76
1.80	0.20	0.00	0.20	7.50	0.78	0.00	0.78
1.90	0.21	0.00	0.21	7.60	0.79	0.00	0.79
2.00	0.23	0.00	0.23	7.70	0.81	0.00	0.81
2.10	0.24	0.00	0.24	7.80	0.83	0.00	0.83
2.20	0.26	0.00	0.26	7.90	0.84	0.00	0.84
2.30	0.27	0.00	0.27	8.00	0.86	0.00	0.86
2.40	0.28	0.00	0.28	8.10	0.88	0.00	0.88
2.50	0.29	0.00	0.29	8.20	0.89	0.00	0.89
2.60	0.30	0.00	0.30	8.30	0.91	0.00	0.91
2.70	0.31	0.00	0.31	8.40	0.93	0.00	0.93
2.80	0.32	0.00	0.32	8.50	0.94	0.00	0.94
2.90	0.33	0.00	0.33	8.60	0.96	0.00	0.96
3.00	0.34	0.00	0.34	8.70	0.98	0.00	0.98
3.10	0.35	0.00	0.35	8.80	0.99	0.00	0.99
3.20	0.36	0.00	0.36	8.90	1.01	0.00	1.01
3.30	0.37	0.00	0.37	9.00	1.03	0.00	1.03
3.40	0.38	0.00	0.38	9.10	1.05	0.00	1.05
3.50	0.39	0.00	0.39	9.20	1.09	0.00	1.09
3.60	0.40	0.00	0.40	9.30	1.13	0.00	1.13
3.70	0.41	0.00	0.41	9.40	1.18	0.00	1.18
3.80	0.41	0.00	0.41	9.50	1.23	0.00	1.23
3.90	0.42	0.00	0.42	9.60	1.29	0.00	1.29
4.00	0.43	0.00	0.43	9.70	1.34	0.00	1.34
4.10	0.44	0.00	0.44	9.80	1.40	0.00	1.40
4.20	0.44	0.00	0.44	9.90	1.46	0.00	1.46
4.30	0.45	0.00	0.45	10.00	1.51	0.00	1.51
4.40	0.46	0.00	0.46	10.10	1.57	0.00	1.57
4.50	0.46	0.00	0.46	10.20	1.62	0.00	1.62
4.60	0.47	0.00	0.47	10.30	1.68	0.00	1.68
4.70	0.48	0.00	0.48	10.40	1.74	0.00	1.74
4.80	0.48	0.00	0.48	10.50	1.79	0.00	1.79
4.90	0.49	0.00	0.49	10.60	1.87	0.00	1.87
5.00	0.49	0.00	0.49	10.70	2.01	0.00	2.01
5.10	0.50	0.00	0.50	10.80	2.17	0.00	2.17
5.20	0.51	0.00	0.51	10.90	2.36	0.00	2.36
5.30	0.51	0.00	0.51	11.00	2.55	0.00	2.55
5.40	0.52	0.00	0.52	11.10	2.77	0.00	2.77
5.50	0.52	0.00	0.52	11.20	3.06	0.00	3.06
5.60	0.53	0.00	0.53	11.30	3.37	0.00	3.37

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	3.71	0.00	3.71	17.10	0.82	0.00	0.82
11.50	4.06	0.00	4.06	17.20	0.80	0.00	0.80
11.60	4.64	0.00	4.64	17.30	0.79	0.00	0.79
11.70	5.44	0.00	5.44	17.40	0.77	0.00	0.77
11.80	6.43	0.00	6.43	17.50	0.75	0.00	0.75
11.90	8.26	0.00	8.26	17.60	0.74	0.00	0.74
12.00	11.86	0.00	11.86	17.70	0.72	0.00	0.72
12.10	**18.86**	0.00	**18.86**	17.80	0.71	0.00	0.71
12.20	**22.48**	0.00	**22.48**	17.90	0.69	0.00	0.69
12.30	17.91	0.00	17.91	18.00	0.68	0.00	0.68
12.40	13.82	0.00	13.82	18.10	0.66	0.00	0.66
12.50	10.76	0.00	10.76	18.20	0.65	0.00	0.65
12.60	8.55	0.00	8.55	18.30	0.64	0.00	0.64
12.70	6.73	0.00	6.73	18.40	0.63	0.00	0.63
12.80	5.56	0.00	5.56	18.50	0.62	0.00	0.62
12.90	4.79	0.00	4.79	18.60	0.62	0.00	0.62
13.00	4.21	0.00	4.21	18.70	0.61	0.00	0.61
13.10	3.71	0.00	3.71	18.80	0.61	0.00	0.61
13.20	3.33	0.00	3.33	18.90	0.61	0.00	0.61
13.30	3.04	0.00	3.04	19.00	0.60	0.00	0.60
13.40	2.79	0.00	2.79	19.10	0.60	0.00	0.60
13.50	2.56	0.00	2.56	19.20	0.59	0.00	0.59
13.60	2.34	0.00	2.34	19.30	0.59	0.00	0.59
13.70	2.15	0.00	2.15	19.40	0.59	0.00	0.59
13.80	2.02	0.00	2.02	19.50	0.58	0.00	0.58
13.90	1.93	0.00	1.93	19.60	0.58	0.00	0.58
14.00	1.85	0.00	1.85	19.70	0.57	0.00	0.57
14.10	1.78	0.00	1.78	19.80	0.57	0.00	0.57
14.20	1.72	0.00	1.72	19.90	0.57	0.00	0.57
14.30	1.66	0.00	1.66	20.00	0.56	0.00	0.56
14.40	1.61	0.00	1.61	20.10	0.56	0.00	0.56
14.50	1.55	0.00	1.55	20.20	0.55	0.00	0.55
14.60	1.49	0.00	1.49	20.30	0.55	0.00	0.55
14.70	1.44	0.00	1.44	20.40	0.55	0.00	0.55
14.80	1.38	0.00	1.38	20.50	0.54	0.00	0.54
14.90	1.32	0.00	1.32	20.60	0.54	0.00	0.54
15.00	1.27	0.00	1.27	20.70	0.53	0.00	0.53
15.10	1.21	0.00	1.21	20.80	0.53	0.00	0.53
15.20	1.16	0.00	1.16	20.90	0.53	0.00	0.53
15.30	1.13	0.00	1.13	21.00	0.52	0.00	0.52
15.40	1.10	0.00	1.10	21.10	0.52	0.00	0.52
15.50	1.08	0.00	1.08	21.20	0.51	0.00	0.51
15.60	1.06	0.00	1.06	21.30	0.51	0.00	0.51
15.70	1.04	0.00	1.04	21.40	0.51	0.00	0.51
15.80	1.03	0.00	1.03	21.50	0.50	0.00	0.50
15.90	1.01	0.00	1.01	21.60	0.50	0.00	0.50
16.00	0.99	0.00	0.99	21.70	0.49	0.00	0.49
16.10	0.98	0.00	0.98	21.80	0.49	0.00	0.49
16.20	0.96	0.00	0.96	21.90	0.49	0.00	0.49
16.30	0.95	0.00	0.95	22.00	0.48	0.00	0.48
16.40	0.93	0.00	0.93	22.10	0.48	0.00	0.48
16.50	0.91	0.00	0.91	22.20	0.47	0.00	0.47
16.60	0.90	0.00	0.90	22.30	0.47	0.00	0.47
16.70	0.88	0.00	0.88	22.40	0.47	0.00	0.47
16.80	0.87	0.00	0.87	22.50	0.46	0.00	0.46
16.90	0.85	0.00	0.85	22.60	0.46	0.00	0.46
17.00	0.84	0.00	0.84	22.70	0.45	0.00	0.45

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.45	0.00	0.45	28.50	0.00	0.00	0.00
22.90	0.45	0.00	0.45	28.60	0.00	0.00	0.00
23.00	0.44	0.00	0.44	28.70	0.00	0.00	0.00
23.10	0.44	0.00	0.44	28.80	0.00	0.00	0.00
23.20	0.43	0.00	0.43	28.90	0.00	0.00	0.00
23.30	0.43	0.00	0.43	29.00	0.00	0.00	0.00
23.40	0.43	0.00	0.43	29.10	0.00	0.00	0.00
23.50	0.42	0.00	0.42	29.20	0.00	0.00	0.00
23.60	0.42	0.00	0.42	29.30	0.00	0.00	0.00
23.70	0.41	0.00	0.41	29.40	0.00	0.00	0.00
23.80	0.41	0.00	0.41	29.50	0.00	0.00	0.00
23.90	0.41	0.00	0.41	29.60	0.00	0.00	0.00
24.00	0.40	0.00	0.40	29.70	0.00	0.00	0.00
24.10	0.33	0.00	0.33	29.80	0.00	0.00	0.00
24.20	0.19	0.00	0.19	29.90	0.00	0.00	0.00
24.30	0.10	0.00	0.10	30.00	0.00	0.00	0.00
24.40	0.06	0.00	0.06	30.10	0.00	0.00	0.00
24.50	0.03	0.00	0.03	30.20	0.00	0.00	0.00
24.60	0.01	0.00	0.01	30.30	0.00	0.00	0.00
24.70	0.01	0.00	0.01	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

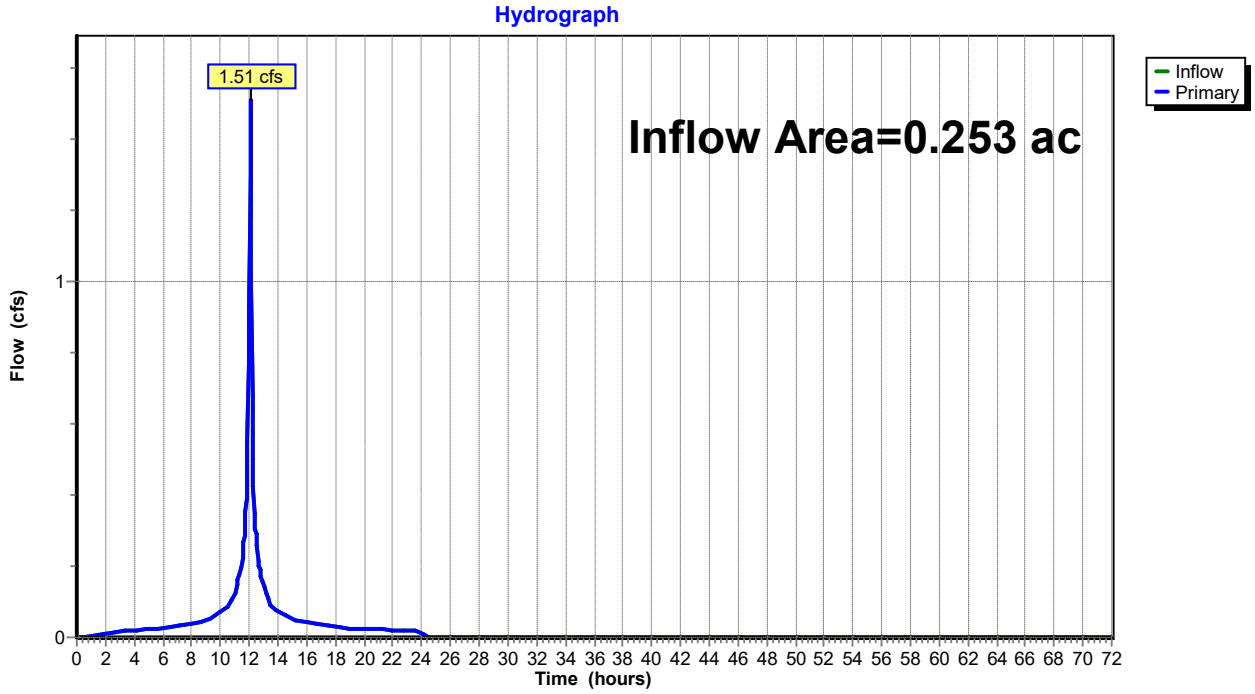
Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Link 10L: POA-2



Hydrograph for Link 10L: POA-2

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.02	0.00	0.02
0.10	0.00	0.00	0.00	5.80	0.02	0.00	0.02
0.20	0.00	0.00	0.00	5.90	0.02	0.00	0.02
0.30	0.00	0.00	0.00	6.00	0.02	0.00	0.02
0.40	0.00	0.00	0.00	6.10	0.03	0.00	0.03
0.50	0.00	0.00	0.00	6.20	0.03	0.00	0.03
0.60	0.00	0.00	0.00	6.30	0.03	0.00	0.03
0.70	0.00	0.00	0.00	6.40	0.03	0.00	0.03
0.80	0.00	0.00	0.00	6.50	0.03	0.00	0.03
0.90	0.00	0.00	0.00	6.60	0.03	0.00	0.03
1.00	0.00	0.00	0.00	6.70	0.03	0.00	0.03
1.10	0.00	0.00	0.00	6.80	0.03	0.00	0.03
1.20	0.01	0.00	0.01	6.90	0.03	0.00	0.03
1.30	0.01	0.00	0.01	7.00	0.03	0.00	0.03
1.40	0.01	0.00	0.01	7.10	0.03	0.00	0.03
1.50	0.01	0.00	0.01	7.20	0.03	0.00	0.03
1.60	0.01	0.00	0.01	7.30	0.03	0.00	0.03
1.70	0.01	0.00	0.01	7.40	0.03	0.00	0.03
1.80	0.01	0.00	0.01	7.50	0.04	0.00	0.04
1.90	0.01	0.00	0.01	7.60	0.04	0.00	0.04
2.00	0.01	0.00	0.01	7.70	0.04	0.00	0.04
2.10	0.01	0.00	0.01	7.80	0.04	0.00	0.04
2.20	0.01	0.00	0.01	7.90	0.04	0.00	0.04
2.30	0.01	0.00	0.01	8.00	0.04	0.00	0.04
2.40	0.01	0.00	0.01	8.10	0.04	0.00	0.04
2.50	0.01	0.00	0.01	8.20	0.04	0.00	0.04
2.60	0.01	0.00	0.01	8.30	0.04	0.00	0.04
2.70	0.01	0.00	0.01	8.40	0.04	0.00	0.04
2.80	0.01	0.00	0.01	8.50	0.04	0.00	0.04
2.90	0.02	0.00	0.02	8.60	0.04	0.00	0.04
3.00	0.02	0.00	0.02	8.70	0.04	0.00	0.04
3.10	0.02	0.00	0.02	8.80	0.04	0.00	0.04
3.20	0.02	0.00	0.02	8.90	0.05	0.00	0.05
3.30	0.02	0.00	0.02	9.00	0.05	0.00	0.05
3.40	0.02	0.00	0.02	9.10	0.05	0.00	0.05
3.50	0.02	0.00	0.02	9.20	0.05	0.00	0.05
3.60	0.02	0.00	0.02	9.30	0.05	0.00	0.05
3.70	0.02	0.00	0.02	9.40	0.06	0.00	0.06
3.80	0.02	0.00	0.02	9.50	0.06	0.00	0.06
3.90	0.02	0.00	0.02	9.60	0.06	0.00	0.06
4.00	0.02	0.00	0.02	9.70	0.06	0.00	0.06
4.10	0.02	0.00	0.02	9.80	0.07	0.00	0.07
4.20	0.02	0.00	0.02	9.90	0.07	0.00	0.07
4.30	0.02	0.00	0.02	10.00	0.07	0.00	0.07
4.40	0.02	0.00	0.02	10.10	0.07	0.00	0.07
4.50	0.02	0.00	0.02	10.20	0.07	0.00	0.07
4.60	0.02	0.00	0.02	10.30	0.08	0.00	0.08
4.70	0.02	0.00	0.02	10.40	0.08	0.00	0.08
4.80	0.02	0.00	0.02	10.50	0.08	0.00	0.08
4.90	0.02	0.00	0.02	10.60	0.09	0.00	0.09
5.00	0.02	0.00	0.02	10.70	0.10	0.00	0.10
5.10	0.02	0.00	0.02	10.80	0.11	0.00	0.11
5.20	0.02	0.00	0.02	10.90	0.12	0.00	0.12
5.30	0.02	0.00	0.02	11.00	0.13	0.00	0.13
5.40	0.02	0.00	0.02	11.10	0.14	0.00	0.14
5.50	0.02	0.00	0.02	11.20	0.16	0.00	0.16
5.60	0.02	0.00	0.02	11.30	0.17	0.00	0.17

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	0.19	0.00	0.19	17.10	0.03	0.00	0.03
11.50	0.21	0.00	0.21	17.20	0.03	0.00	0.03
11.60	0.27	0.00	0.27	17.30	0.03	0.00	0.03
11.70	0.29	0.00	0.29	17.40	0.03	0.00	0.03
11.80	0.39	0.00	0.39	17.50	0.03	0.00	0.03
11.90	0.55	0.00	0.55	17.60	0.03	0.00	0.03
12.00	0.93	0.00	0.93	17.70	0.03	0.00	0.03
12.10	**1.49**	0.00	**1.49**	17.80	0.03	0.00	0.03
12.20	0.68	0.00	0.68	17.90	0.03	0.00	0.03
12.30	0.42	0.00	0.42	18.00	0.03	0.00	0.03
12.40	0.31	0.00	0.31	18.10	0.03	0.00	0.03
12.50	0.28	0.00	0.28	18.20	0.03	0.00	0.03
12.60	0.22	0.00	0.22	18.30	0.03	0.00	0.03
12.70	0.19	0.00	0.19	18.40	0.03	0.00	0.03
12.80	0.18	0.00	0.18	18.50	0.03	0.00	0.03
12.90	0.16	0.00	0.16	18.60	0.03	0.00	0.03
13.00	0.15	0.00	0.15	18.70	0.03	0.00	0.03
13.10	0.13	0.00	0.13	18.80	0.03	0.00	0.03
13.20	0.12	0.00	0.12	18.90	0.03	0.00	0.03
13.30	0.11	0.00	0.11	19.00	0.03	0.00	0.03
13.40	0.10	0.00	0.10	19.10	0.03	0.00	0.03
13.50	0.09	0.00	0.09	19.20	0.03	0.00	0.03
13.60	0.09	0.00	0.09	19.30	0.02	0.00	0.02
13.70	0.08	0.00	0.08	19.40	0.02	0.00	0.02
13.80	0.08	0.00	0.08	19.50	0.02	0.00	0.02
13.90	0.08	0.00	0.08	19.60	0.02	0.00	0.02
14.00	0.07	0.00	0.07	19.70	0.02	0.00	0.02
14.10	0.07	0.00	0.07	19.80	0.02	0.00	0.02
14.20	0.07	0.00	0.07	19.90	0.02	0.00	0.02
14.30	0.07	0.00	0.07	20.00	0.02	0.00	0.02
14.40	0.06	0.00	0.06	20.10	0.02	0.00	0.02
14.50	0.06	0.00	0.06	20.20	0.02	0.00	0.02
14.60	0.06	0.00	0.06	20.30	0.02	0.00	0.02
14.70	0.06	0.00	0.06	20.40	0.02	0.00	0.02
14.80	0.06	0.00	0.06	20.50	0.02	0.00	0.02
14.90	0.05	0.00	0.05	20.60	0.02	0.00	0.02
15.00	0.05	0.00	0.05	20.70	0.02	0.00	0.02
15.10	0.05	0.00	0.05	20.80	0.02	0.00	0.02
15.20	0.05	0.00	0.05	20.90	0.02	0.00	0.02
15.30	0.05	0.00	0.05	21.00	0.02	0.00	0.02
15.40	0.05	0.00	0.05	21.10	0.02	0.00	0.02
15.50	0.04	0.00	0.04	21.20	0.02	0.00	0.02
15.60	0.04	0.00	0.04	21.30	0.02	0.00	0.02
15.70	0.04	0.00	0.04	21.40	0.02	0.00	0.02
15.80	0.04	0.00	0.04	21.50	0.02	0.00	0.02
15.90	0.04	0.00	0.04	21.60	0.02	0.00	0.02
16.00	0.04	0.00	0.04	21.70	0.02	0.00	0.02
16.10	0.04	0.00	0.04	21.80	0.02	0.00	0.02
16.20	0.04	0.00	0.04	21.90	0.02	0.00	0.02
16.30	0.04	0.00	0.04	22.00	0.02	0.00	0.02
16.40	0.04	0.00	0.04	22.10	0.02	0.00	0.02
16.50	0.04	0.00	0.04	22.20	0.02	0.00	0.02
16.60	0.04	0.00	0.04	22.30	0.02	0.00	0.02
16.70	0.04	0.00	0.04	22.40	0.02	0.00	0.02
16.80	0.04	0.00	0.04	22.50	0.02	0.00	0.02
16.90	0.04	0.00	0.04	22.60	0.02	0.00	0.02
17.00	0.03	0.00	0.03	22.70	0.02	0.00	0.02

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.02	0.00	0.02	28.50	0.00	0.00	0.00
22.90	0.02	0.00	0.02	28.60	0.00	0.00	0.00
23.00	0.02	0.00	0.02	28.70	0.00	0.00	0.00
23.10	0.02	0.00	0.02	28.80	0.00	0.00	0.00
23.20	0.02	0.00	0.02	28.90	0.00	0.00	0.00
23.30	0.02	0.00	0.02	29.00	0.00	0.00	0.00
23.40	0.02	0.00	0.02	29.10	0.00	0.00	0.00
23.50	0.02	0.00	0.02	29.20	0.00	0.00	0.00
23.60	0.02	0.00	0.02	29.30	0.00	0.00	0.00
23.70	0.02	0.00	0.02	29.40	0.00	0.00	0.00
23.80	0.02	0.00	0.02	29.50	0.00	0.00	0.00
23.90	0.02	0.00	0.02	29.60	0.00	0.00	0.00
24.00	0.02	0.00	0.02	29.70	0.00	0.00	0.00
24.10	0.00	0.00	0.00	29.80	0.00	0.00	0.00
24.20	0.00	0.00	0.00	29.90	0.00	0.00	0.00
24.30	0.00	0.00	0.00	30.00	0.00	0.00	0.00
24.40	0.00	0.00	0.00	30.10	0.00	0.00	0.00
24.50	0.00	0.00	0.00	30.20	0.00	0.00	0.00
24.60	0.00	0.00	0.00	30.30	0.00	0.00	0.00
24.70	0.00	0.00	0.00	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

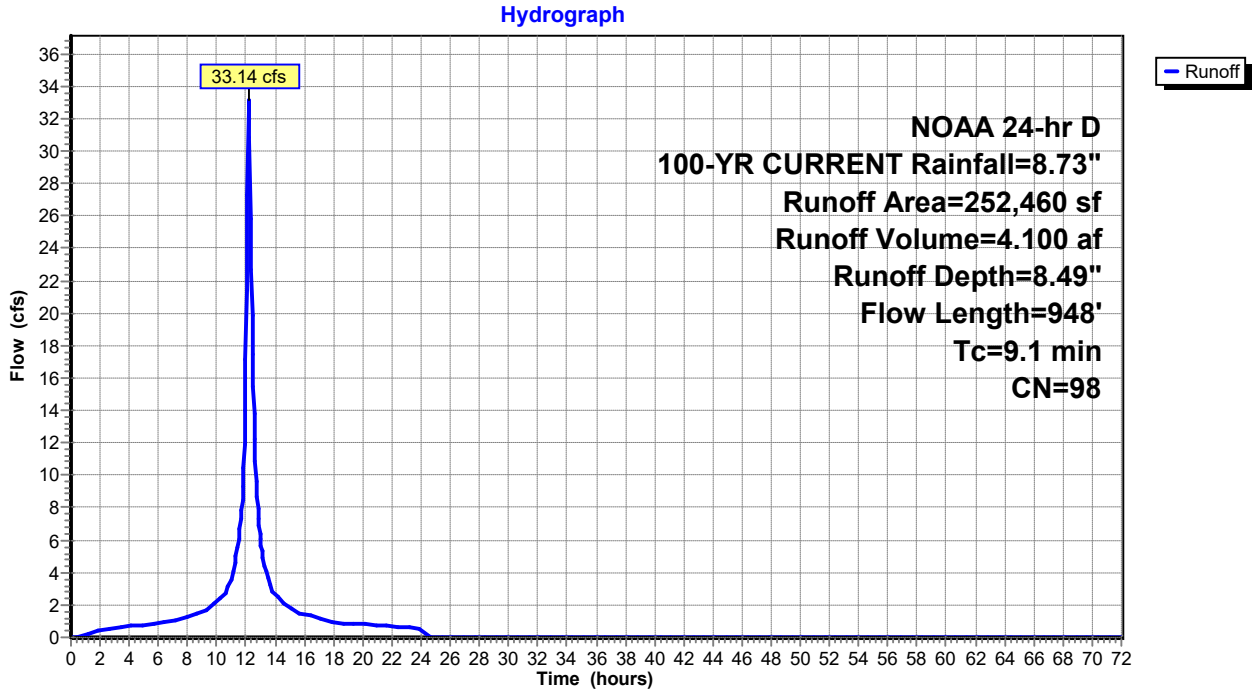
Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Subcatchment 6S: PDA 2-Impervious



Hydrograph for Subcatchment 6S: PDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.70	0.50	0.81
0.10	0.01	0.00	0.00	5.80	0.71	0.52	0.82
0.20	0.02	0.00	0.00	5.90	0.73	0.53	0.83
0.30	0.03	0.00	0.00	6.00	0.75	0.55	0.83
0.40	0.04	0.00	0.00	6.10	0.76	0.56	0.84
0.50	0.05	0.00	0.00	6.20	0.78	0.58	0.86
0.60	0.06	0.00	0.02	6.30	0.79	0.59	0.88
0.70	0.07	0.00	0.05	6.40	0.81	0.61	0.90
0.80	0.08	0.01	0.08	6.50	0.83	0.62	0.92
0.90	0.09	0.01	0.12	6.60	0.85	0.64	0.94
1.00	0.10	0.01	0.16	6.70	0.86	0.66	0.97
1.10	0.11	0.02	0.20	6.80	0.88	0.68	0.99
1.20	0.12	0.02	0.23	6.90	0.90	0.69	1.01
1.30	0.13	0.03	0.26	7.00	0.92	0.71	1.04
1.40	0.14	0.03	0.29	7.10	0.94	0.73	1.06
1.50	0.15	0.04	0.32	7.20	0.96	0.75	1.08
1.60	0.16	0.05	0.34	7.30	0.98	0.77	1.11
1.70	0.18	0.05	0.37	7.40	1.00	0.79	1.13
1.80	0.19	0.06	0.39	7.50	1.02	0.81	1.16
1.90	0.20	0.07	0.41	7.60	1.04	0.83	1.18
2.00	0.21	0.08	0.43	7.70	1.06	0.85	1.20
2.10	0.22	0.08	0.44	7.80	1.09	0.88	1.23
2.20	0.23	0.09	0.46	7.90	1.11	0.90	1.25
2.30	0.24	0.10	0.48	8.00	1.13	0.92	1.27
2.40	0.26	0.11	0.49	8.10	1.16	0.94	1.30
2.50	0.27	0.12	0.51	8.20	1.18	0.97	1.32
2.60	0.28	0.13	0.52	8.30	1.20	0.99	1.34
2.70	0.29	0.14	0.54	8.40	1.23	1.01	1.36
2.80	0.30	0.15	0.55	8.50	1.25	1.04	1.39
2.90	0.32	0.16	0.56	8.60	1.28	1.06	1.41
3.00	0.33	0.17	0.57	8.70	1.31	1.09	1.44
3.10	0.34	0.18	0.58	8.80	1.33	1.11	1.46
3.20	0.35	0.19	0.60	8.90	1.36	1.14	1.48
3.30	0.37	0.20	0.61	9.00	1.39	1.17	1.50
3.40	0.38	0.21	0.62	9.10	1.41	1.19	1.54
3.50	0.39	0.22	0.63	9.20	1.44	1.22	1.59
3.60	0.41	0.23	0.64	9.30	1.47	1.25	1.66
3.70	0.42	0.24	0.65	9.40	1.51	1.29	1.73
3.80	0.43	0.26	0.66	9.50	1.54	1.32	1.81
3.90	0.44	0.27	0.67	9.60	1.58	1.35	1.89
4.00	0.46	0.28	0.68	9.70	1.61	1.39	1.96
4.10	0.47	0.29	0.69	9.80	1.65	1.43	2.04
4.20	0.48	0.30	0.70	9.90	1.69	1.47	2.13
4.30	0.50	0.32	0.70	10.00	1.73	1.51	2.21
4.40	0.51	0.33	0.71	10.10	1.77	1.55	2.29
4.50	0.53	0.34	0.72	10.20	1.82	1.59	2.37
4.60	0.54	0.35	0.73	10.30	1.86	1.64	2.45
4.70	0.55	0.37	0.74	10.40	1.91	1.68	2.53
4.80	0.57	0.38	0.74	10.50	1.96	1.73	2.61
4.90	0.58	0.39	0.75	10.60	2.01	1.78	2.73
5.00	0.60	0.41	0.76	10.70	2.07	1.84	2.92
5.10	0.61	0.42	0.77	10.80	2.13	1.90	3.16
5.20	0.63	0.43	0.78	10.90	2.20	1.97	3.43
5.30	0.64	0.45	0.78	11.00	2.27	2.04	3.71
5.40	0.66	0.46	0.79	11.10	2.35	2.12	4.03
5.50	0.67	0.47	0.80	11.20	2.44	2.21	4.44
5.60	0.68	0.49	0.81	11.30	2.54	2.31	4.90

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	2.65	2.42	5.39	17.10	7.83	7.59	1.16
11.50	2.77	2.54	5.89	17.20	7.85	7.61	1.14
11.60	2.93	2.69	6.72	17.30	7.87	7.63	1.12
11.70	3.09	2.86	7.89	17.40	7.88	7.65	1.09
11.80	3.32	3.09	9.33	17.50	7.90	7.66	1.07
11.90	3.64	3.40	11.97	17.60	7.92	7.68	1.05
12.00	4.18	3.95	17.17	17.70	7.94	7.70	1.02
12.10	5.09	4.86	**27.29**	17.80	7.95	7.71	1.00
12.20	5.41	5.17	**32.46**	17.90	7.97	7.73	0.98
12.30	5.64	5.40	25.84	18.00	7.98	7.74	0.96
12.40	5.80	5.57	19.91	18.10	8.00	7.76	0.94
12.50	5.96	5.72	15.48	18.20	8.02	7.78	0.92
12.60	6.08	5.84	12.28	18.30	8.03	7.79	0.90
12.70	6.19	5.95	9.66	18.40	8.05	7.81	0.89
12.80	6.29	6.05	7.97	18.50	8.06	7.82	0.88
12.90	6.38	6.14	6.86	18.60	8.07	7.84	0.88
13.00	6.46	6.22	6.02	18.70	8.09	7.85	0.87
13.10	6.53	6.29	5.30	18.80	8.10	7.86	0.86
13.20	6.60	6.36	4.76	18.90	8.12	7.88	0.86
13.30	6.66	6.43	4.34	19.00	8.13	7.89	0.85
13.40	6.72	6.48	3.98	19.10	8.15	7.91	0.85
13.50	6.77	6.54	3.65	19.20	8.16	7.92	0.84
13.60	6.82	6.58	3.34	19.30	8.18	7.94	0.84
13.70	6.87	6.63	3.07	19.40	8.19	7.95	0.83
13.80	6.91	6.67	2.89	19.50	8.20	7.96	0.82
13.90	6.96	6.72	2.75	19.60	8.22	7.98	0.82
14.00	7.00	6.76	2.64	19.70	8.23	7.99	0.81
14.10	7.04	6.80	2.54	19.80	8.25	8.01	0.81
14.20	7.08	6.84	2.45	19.90	8.26	8.02	0.80
14.30	7.12	6.88	2.37	20.00	8.27	8.03	0.80
14.40	7.15	6.91	2.29	20.10	8.29	8.05	0.79
14.50	7.19	6.95	2.21	20.20	8.30	8.06	0.78
14.60	7.22	6.98	2.13	20.30	8.31	8.07	0.78
14.70	7.26	7.02	2.04	20.40	8.32	8.08	0.77
14.80	7.29	7.05	1.96	20.50	8.34	8.10	0.77
14.90	7.32	7.08	1.88	20.60	8.35	8.11	0.76
15.00	7.34	7.11	1.80	20.70	8.36	8.12	0.76
15.10	7.37	7.13	1.72	20.80	8.38	8.14	0.75
15.20	7.40	7.16	1.65	20.90	8.39	8.15	0.74
15.30	7.42	7.19	1.60	21.00	8.40	8.16	0.74
15.40	7.45	7.21	1.56	21.10	8.41	8.17	0.73
15.50	7.48	7.24	1.53	21.20	8.43	8.19	0.73
15.60	7.50	7.26	1.51	21.30	8.44	8.20	0.72
15.70	7.53	7.29	1.48	21.40	8.45	8.21	0.72
15.80	7.55	7.31	1.46	21.50	8.46	8.22	0.71
15.90	7.57	7.33	1.43	21.60	8.47	8.23	0.70
16.00	7.60	7.36	1.41	21.70	8.49	8.25	0.70
16.10	7.62	7.38	1.39	21.80	8.50	8.26	0.69
16.20	7.64	7.40	1.37	21.90	8.51	8.27	0.69
16.30	7.67	7.43	1.34	22.00	8.52	8.28	0.68
16.40	7.69	7.45	1.32	22.10	8.53	8.29	0.68
16.50	7.71	7.47	1.30	22.20	8.54	8.30	0.67
16.60	7.73	7.49	1.27	22.30	8.55	8.31	0.67
16.70	7.75	7.51	1.25	22.40	8.57	8.33	0.66
16.80	7.77	7.53	1.23	22.50	8.58	8.34	0.65
16.90	7.79	7.55	1.21	22.60	8.59	8.35	0.65
17.00	7.81	7.57	1.19	22.70	8.60	8.36	0.64

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	8.61	8.37	0.64	28.50	8.73	8.49	0.00
22.90	8.62	8.38	0.63	28.60	8.73	8.49	0.00
23.00	8.63	8.39	0.63	28.70	8.73	8.49	0.00
23.10	8.64	8.40	0.62	28.80	8.73	8.49	0.00
23.20	8.65	8.41	0.61	28.90	8.73	8.49	0.00
23.30	8.66	8.42	0.61	29.00	8.73	8.49	0.00
23.40	8.67	8.43	0.60	29.10	8.73	8.49	0.00
23.50	8.68	8.44	0.60	29.20	8.73	8.49	0.00
23.60	8.69	8.45	0.59	29.30	8.73	8.49	0.00
23.70	8.70	8.46	0.59	29.40	8.73	8.49	0.00
23.80	8.71	8.47	0.58	29.50	8.73	8.49	0.00
23.90	8.72	8.48	0.57	29.60	8.73	8.49	0.00
24.00	**8.73**	**8.49**	0.57	29.70	8.73	8.49	0.00
24.10	8.73	8.49	0.47	29.80	8.73	8.49	0.00
24.20	8.73	8.49	0.27	29.90	8.73	8.49	0.00
24.30	8.73	8.49	0.15	30.00	8.73	8.49	0.00
24.40	8.73	8.49	0.08	30.10	8.73	8.49	0.00
24.50	8.73	8.49	0.04	30.20	8.73	8.49	0.00
24.60	8.73	8.49	0.02	30.30	8.73	8.49	0.00
24.70	8.73	8.49	0.01	30.40	8.73	8.49	0.00
24.80	8.73	8.49	0.00	30.50	8.73	8.49	0.00
24.90	8.73	8.49	0.00	30.60	8.73	8.49	0.00
25.00	8.73	8.49	0.00	30.70	8.73	8.49	0.00
25.10	8.73	8.49	0.00	30.80	8.73	8.49	0.00
25.20	8.73	8.49	0.00	30.90	8.73	8.49	0.00
25.30	8.73	8.49	0.00	31.00	8.73	8.49	0.00
25.40	8.73	8.49	0.00	31.10	8.73	8.49	0.00
25.50	8.73	8.49	0.00	31.20	8.73	8.49	0.00
25.60	8.73	8.49	0.00	31.30	8.73	8.49	0.00
25.70	8.73	8.49	0.00	31.40	8.73	8.49	0.00
25.80	8.73	8.49	0.00	31.50	8.73	8.49	0.00
25.90	8.73	8.49	0.00	31.60	8.73	8.49	0.00
26.00	8.73	8.49	0.00	31.70	8.73	8.49	0.00
26.10	8.73	8.49	0.00	31.80	8.73	8.49	0.00
26.20	8.73	8.49	0.00	31.90	8.73	8.49	0.00
26.30	8.73	8.49	0.00	32.00	8.73	8.49	0.00
26.40	8.73	8.49	0.00	32.10	8.73	8.49	0.00
26.50	8.73	8.49	0.00	32.20	8.73	8.49	0.00
26.60	8.73	8.49	0.00	32.30	8.73	8.49	0.00
26.70	8.73	8.49	0.00	32.40	8.73	8.49	0.00
26.80	8.73	8.49	0.00	32.50	8.73	8.49	0.00
26.90	8.73	8.49	0.00	32.60	8.73	8.49	0.00
27.00	8.73	8.49	0.00	32.70	8.73	8.49	0.00
27.10	8.73	8.49	0.00	32.80	8.73	8.49	0.00
27.20	8.73	8.49	0.00	32.90	8.73	8.49	0.00
27.30	8.73	8.49	0.00	33.00	8.73	8.49	0.00
27.40	8.73	8.49	0.00	33.10	8.73	8.49	0.00
27.50	8.73	8.49	0.00	33.20	8.73	8.49	0.00
27.60	8.73	8.49	0.00	33.30	8.73	8.49	0.00
27.70	8.73	8.49	0.00	33.40	8.73	8.49	0.00
27.80	8.73	8.49	0.00	33.50	8.73	8.49	0.00
27.90	8.73	8.49	0.00	33.60	8.73	8.49	0.00
28.00	8.73	8.49	0.00	33.70	8.73	8.49	0.00
28.10	8.73	8.49	0.00	33.80	8.73	8.49	0.00
28.20	8.73	8.49	0.00	33.90	8.73	8.49	0.00
28.30	8.73	8.49	0.00	34.00	8.73	8.49	0.00
28.40	8.73	8.49	0.00	34.10	8.73	8.49	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	8.73	8.49	0.00	39.90	8.73	8.49	0.00
34.30	8.73	8.49	0.00	40.00	8.73	8.49	0.00
34.40	8.73	8.49	0.00	40.10	8.73	8.49	0.00
34.50	8.73	8.49	0.00	40.20	8.73	8.49	0.00
34.60	8.73	8.49	0.00	40.30	8.73	8.49	0.00
34.70	8.73	8.49	0.00	40.40	8.73	8.49	0.00
34.80	8.73	8.49	0.00	40.50	8.73	8.49	0.00
34.90	8.73	8.49	0.00	40.60	8.73	8.49	0.00
35.00	8.73	8.49	0.00	40.70	8.73	8.49	0.00
35.10	8.73	8.49	0.00	40.80	8.73	8.49	0.00
35.20	8.73	8.49	0.00	40.90	8.73	8.49	0.00
35.30	8.73	8.49	0.00	41.00	8.73	8.49	0.00
35.40	8.73	8.49	0.00	41.10	8.73	8.49	0.00
35.50	8.73	8.49	0.00	41.20	8.73	8.49	0.00
35.60	8.73	8.49	0.00	41.30	8.73	8.49	0.00
35.70	8.73	8.49	0.00	41.40	8.73	8.49	0.00
35.80	8.73	8.49	0.00	41.50	8.73	8.49	0.00
35.90	8.73	8.49	0.00	41.60	8.73	8.49	0.00
36.00	8.73	8.49	0.00	41.70	8.73	8.49	0.00
36.10	8.73	8.49	0.00	41.80	8.73	8.49	0.00
36.20	8.73	8.49	0.00	41.90	8.73	8.49	0.00
36.30	8.73	8.49	0.00	42.00	8.73	8.49	0.00
36.40	8.73	8.49	0.00	42.10	8.73	8.49	0.00
36.50	8.73	8.49	0.00	42.20	8.73	8.49	0.00
36.60	8.73	8.49	0.00	42.30	8.73	8.49	0.00
36.70	8.73	8.49	0.00	42.40	8.73	8.49	0.00
36.80	8.73	8.49	0.00	42.50	8.73	8.49	0.00
36.90	8.73	8.49	0.00	42.60	8.73	8.49	0.00
37.00	8.73	8.49	0.00	42.70	8.73	8.49	0.00
37.10	8.73	8.49	0.00	42.80	8.73	8.49	0.00
37.20	8.73	8.49	0.00	42.90	8.73	8.49	0.00
37.30	8.73	8.49	0.00	43.00	8.73	8.49	0.00
37.40	8.73	8.49	0.00	43.10	8.73	8.49	0.00
37.50	8.73	8.49	0.00	43.20	8.73	8.49	0.00
37.60	8.73	8.49	0.00	43.30	8.73	8.49	0.00
37.70	8.73	8.49	0.00	43.40	8.73	8.49	0.00
37.80	8.73	8.49	0.00	43.50	8.73	8.49	0.00
37.90	8.73	8.49	0.00	43.60	8.73	8.49	0.00
38.00	8.73	8.49	0.00	43.70	8.73	8.49	0.00
38.10	8.73	8.49	0.00	43.80	8.73	8.49	0.00
38.20	8.73	8.49	0.00	43.90	8.73	8.49	0.00
38.30	8.73	8.49	0.00	44.00	8.73	8.49	0.00
38.40	8.73	8.49	0.00	44.10	8.73	8.49	0.00
38.50	8.73	8.49	0.00	44.20	8.73	8.49	0.00
38.60	8.73	8.49	0.00	44.30	8.73	8.49	0.00
38.70	8.73	8.49	0.00	44.40	8.73	8.49	0.00
38.80	8.73	8.49	0.00	44.50	8.73	8.49	0.00
38.90	8.73	8.49	0.00	44.60	8.73	8.49	0.00
39.00	8.73	8.49	0.00	44.70	8.73	8.49	0.00
39.10	8.73	8.49	0.00	44.80	8.73	8.49	0.00
39.20	8.73	8.49	0.00	44.90	8.73	8.49	0.00
39.30	8.73	8.49	0.00	45.00	8.73	8.49	0.00
39.40	8.73	8.49	0.00	45.10	8.73	8.49	0.00
39.50	8.73	8.49	0.00	45.20	8.73	8.49	0.00
39.60	8.73	8.49	0.00	45.30	8.73	8.49	0.00
39.70	8.73	8.49	0.00	45.40	8.73	8.49	0.00
39.80	8.73	8.49	0.00	45.50	8.73	8.49	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	8.73	8.49	0.00	51.30	8.73	8.49	0.00
45.70	8.73	8.49	0.00	51.40	8.73	8.49	0.00
45.80	8.73	8.49	0.00	51.50	8.73	8.49	0.00
45.90	8.73	8.49	0.00	51.60	8.73	8.49	0.00
46.00	8.73	8.49	0.00	51.70	8.73	8.49	0.00
46.10	8.73	8.49	0.00	51.80	8.73	8.49	0.00
46.20	8.73	8.49	0.00	51.90	8.73	8.49	0.00
46.30	8.73	8.49	0.00	52.00	8.73	8.49	0.00
46.40	8.73	8.49	0.00	52.10	8.73	8.49	0.00
46.50	8.73	8.49	0.00	52.20	8.73	8.49	0.00
46.60	8.73	8.49	0.00	52.30	8.73	8.49	0.00
46.70	8.73	8.49	0.00	52.40	8.73	8.49	0.00
46.80	8.73	8.49	0.00	52.50	8.73	8.49	0.00
46.90	8.73	8.49	0.00	52.60	8.73	8.49	0.00
47.00	8.73	8.49	0.00	52.70	8.73	8.49	0.00
47.10	8.73	8.49	0.00	52.80	8.73	8.49	0.00
47.20	8.73	8.49	0.00	52.90	8.73	8.49	0.00
47.30	8.73	8.49	0.00	53.00	8.73	8.49	0.00
47.40	8.73	8.49	0.00	53.10	8.73	8.49	0.00
47.50	8.73	8.49	0.00	53.20	8.73	8.49	0.00
47.60	8.73	8.49	0.00	53.30	8.73	8.49	0.00
47.70	8.73	8.49	0.00	53.40	8.73	8.49	0.00
47.80	8.73	8.49	0.00	53.50	8.73	8.49	0.00
47.90	8.73	8.49	0.00	53.60	8.73	8.49	0.00
48.00	8.73	8.49	0.00	53.70	8.73	8.49	0.00
48.10	8.73	8.49	0.00	53.80	8.73	8.49	0.00
48.20	8.73	8.49	0.00	53.90	8.73	8.49	0.00
48.30	8.73	8.49	0.00	54.00	8.73	8.49	0.00
48.40	8.73	8.49	0.00	54.10	8.73	8.49	0.00
48.50	8.73	8.49	0.00	54.20	8.73	8.49	0.00
48.60	8.73	8.49	0.00	54.30	8.73	8.49	0.00
48.70	8.73	8.49	0.00	54.40	8.73	8.49	0.00
48.80	8.73	8.49	0.00	54.50	8.73	8.49	0.00
48.90	8.73	8.49	0.00	54.60	8.73	8.49	0.00
49.00	8.73	8.49	0.00	54.70	8.73	8.49	0.00
49.10	8.73	8.49	0.00	54.80	8.73	8.49	0.00
49.20	8.73	8.49	0.00	54.90	8.73	8.49	0.00
49.30	8.73	8.49	0.00	55.00	8.73	8.49	0.00
49.40	8.73	8.49	0.00	55.10	8.73	8.49	0.00
49.50	8.73	8.49	0.00	55.20	8.73	8.49	0.00
49.60	8.73	8.49	0.00	55.30	8.73	8.49	0.00
49.70	8.73	8.49	0.00	55.40	8.73	8.49	0.00
49.80	8.73	8.49	0.00	55.50	8.73	8.49	0.00
49.90	8.73	8.49	0.00	55.60	8.73	8.49	0.00
50.00	8.73	8.49	0.00	55.70	8.73	8.49	0.00
50.10	8.73	8.49	0.00	55.80	8.73	8.49	0.00
50.20	8.73	8.49	0.00	55.90	8.73	8.49	0.00
50.30	8.73	8.49	0.00	56.00	8.73	8.49	0.00
50.40	8.73	8.49	0.00	56.10	8.73	8.49	0.00
50.50	8.73	8.49	0.00	56.20	8.73	8.49	0.00
50.60	8.73	8.49	0.00	56.30	8.73	8.49	0.00
50.70	8.73	8.49	0.00	56.40	8.73	8.49	0.00
50.80	8.73	8.49	0.00	56.50	8.73	8.49	0.00
50.90	8.73	8.49	0.00	56.60	8.73	8.49	0.00
51.00	8.73	8.49	0.00	56.70	8.73	8.49	0.00
51.10	8.73	8.49	0.00	56.80	8.73	8.49	0.00
51.20	8.73	8.49	0.00	56.90	8.73	8.49	0.00

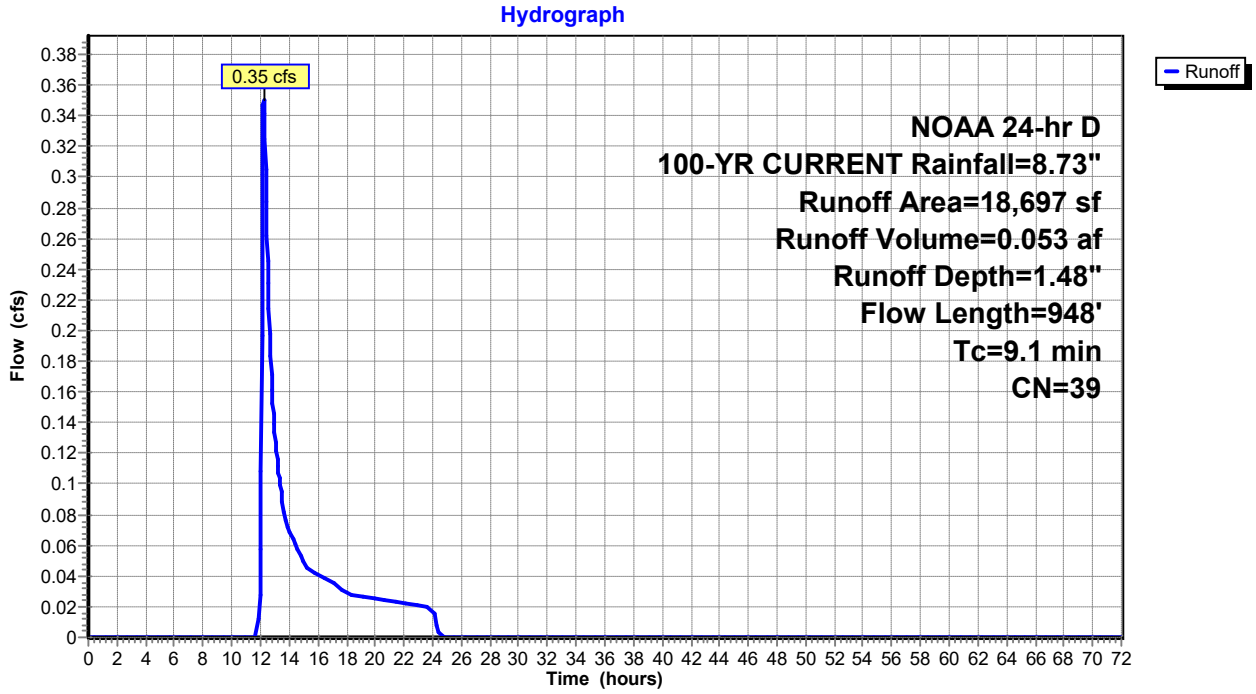
Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	8.73	8.49	0.00	62.70	8.73	8.49	0.00
57.10	8.73	8.49	0.00	62.80	8.73	8.49	0.00
57.20	8.73	8.49	0.00	62.90	8.73	8.49	0.00
57.30	8.73	8.49	0.00	63.00	8.73	8.49	0.00
57.40	8.73	8.49	0.00	63.10	8.73	8.49	0.00
57.50	8.73	8.49	0.00	63.20	8.73	8.49	0.00
57.60	8.73	8.49	0.00	63.30	8.73	8.49	0.00
57.70	8.73	8.49	0.00	63.40	8.73	8.49	0.00
57.80	8.73	8.49	0.00	63.50	8.73	8.49	0.00
57.90	8.73	8.49	0.00	63.60	8.73	8.49	0.00
58.00	8.73	8.49	0.00	63.70	8.73	8.49	0.00
58.10	8.73	8.49	0.00	63.80	8.73	8.49	0.00
58.20	8.73	8.49	0.00	63.90	8.73	8.49	0.00
58.30	8.73	8.49	0.00	64.00	8.73	8.49	0.00
58.40	8.73	8.49	0.00	64.10	8.73	8.49	0.00
58.50	8.73	8.49	0.00	64.20	8.73	8.49	0.00
58.60	8.73	8.49	0.00	64.30	8.73	8.49	0.00
58.70	8.73	8.49	0.00	64.40	8.73	8.49	0.00
58.80	8.73	8.49	0.00	64.50	8.73	8.49	0.00
58.90	8.73	8.49	0.00	64.60	8.73	8.49	0.00
59.00	8.73	8.49	0.00	64.70	8.73	8.49	0.00
59.10	8.73	8.49	0.00	64.80	8.73	8.49	0.00
59.20	8.73	8.49	0.00	64.90	8.73	8.49	0.00
59.30	8.73	8.49	0.00	65.00	8.73	8.49	0.00
59.40	8.73	8.49	0.00	65.10	8.73	8.49	0.00
59.50	8.73	8.49	0.00	65.20	8.73	8.49	0.00
59.60	8.73	8.49	0.00	65.30	8.73	8.49	0.00
59.70	8.73	8.49	0.00	65.40	8.73	8.49	0.00
59.80	8.73	8.49	0.00	65.50	8.73	8.49	0.00
59.90	8.73	8.49	0.00	65.60	8.73	8.49	0.00
60.00	8.73	8.49	0.00	65.70	8.73	8.49	0.00
60.10	8.73	8.49	0.00	65.80	8.73	8.49	0.00
60.20	8.73	8.49	0.00	65.90	8.73	8.49	0.00
60.30	8.73	8.49	0.00	66.00	8.73	8.49	0.00
60.40	8.73	8.49	0.00	66.10	8.73	8.49	0.00
60.50	8.73	8.49	0.00	66.20	8.73	8.49	0.00
60.60	8.73	8.49	0.00	66.30	8.73	8.49	0.00
60.70	8.73	8.49	0.00	66.40	8.73	8.49	0.00
60.80	8.73	8.49	0.00	66.50	8.73	8.49	0.00
60.90	8.73	8.49	0.00	66.60	8.73	8.49	0.00
61.00	8.73	8.49	0.00	66.70	8.73	8.49	0.00
61.10	8.73	8.49	0.00	66.80	8.73	8.49	0.00
61.20	8.73	8.49	0.00	66.90	8.73	8.49	0.00
61.30	8.73	8.49	0.00	67.00	8.73	8.49	0.00
61.40	8.73	8.49	0.00	67.10	8.73	8.49	0.00
61.50	8.73	8.49	0.00	67.20	8.73	8.49	0.00
61.60	8.73	8.49	0.00	67.30	8.73	8.49	0.00
61.70	8.73	8.49	0.00	67.40	8.73	8.49	0.00
61.80	8.73	8.49	0.00	67.50	8.73	8.49	0.00
61.90	8.73	8.49	0.00	67.60	8.73	8.49	0.00
62.00	8.73	8.49	0.00	67.70	8.73	8.49	0.00
62.10	8.73	8.49	0.00	67.80	8.73	8.49	0.00
62.20	8.73	8.49	0.00	67.90	8.73	8.49	0.00
62.30	8.73	8.49	0.00	68.00	8.73	8.49	0.00
62.40	8.73	8.49	0.00	68.10	8.73	8.49	0.00
62.50	8.73	8.49	0.00	68.20	8.73	8.49	0.00
62.60	8.73	8.49	0.00	68.30	8.73	8.49	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	8.73	8.49	0.00
68.50	8.73	8.49	0.00
68.60	8.73	8.49	0.00
68.70	8.73	8.49	0.00
68.80	8.73	8.49	0.00
68.90	8.73	8.49	0.00
69.00	8.73	8.49	0.00
69.10	8.73	8.49	0.00
69.20	8.73	8.49	0.00
69.30	8.73	8.49	0.00
69.40	8.73	8.49	0.00
69.50	8.73	8.49	0.00
69.60	8.73	8.49	0.00
69.70	8.73	8.49	0.00
69.80	8.73	8.49	0.00
69.90	8.73	8.49	0.00
70.00	8.73	8.49	0.00
70.10	8.73	8.49	0.00
70.20	8.73	8.49	0.00
70.30	8.73	8.49	0.00
70.40	8.73	8.49	0.00
70.50	8.73	8.49	0.00
70.60	8.73	8.49	0.00
70.70	8.73	8.49	0.00
70.80	8.73	8.49	0.00
70.90	8.73	8.49	0.00
71.00	8.73	8.49	0.00
71.10	8.73	8.49	0.00
71.20	8.73	8.49	0.00
71.30	8.73	8.49	0.00
71.40	8.73	8.49	0.00
71.50	8.73	8.49	0.00
71.60	8.73	8.49	0.00
71.70	8.73	8.49	0.00
71.80	8.73	8.49	0.00
71.90	8.73	8.49	0.00
72.00	8.73	8.49	0.00

Subcatchment 7S: PDA 2-Pervious



Hydrograph for Subcatchment 7S: PDA 2-Pervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.70	0.00	0.00
0.10	0.01	0.00	0.00	5.80	0.71	0.00	0.00
0.20	0.02	0.00	0.00	5.90	0.73	0.00	0.00
0.30	0.03	0.00	0.00	6.00	0.75	0.00	0.00
0.40	0.04	0.00	0.00	6.10	0.76	0.00	0.00
0.50	0.05	0.00	0.00	6.20	0.78	0.00	0.00
0.60	0.06	0.00	0.00	6.30	0.79	0.00	0.00
0.70	0.07	0.00	0.00	6.40	0.81	0.00	0.00
0.80	0.08	0.00	0.00	6.50	0.83	0.00	0.00
0.90	0.09	0.00	0.00	6.60	0.85	0.00	0.00
1.00	0.10	0.00	0.00	6.70	0.86	0.00	0.00
1.10	0.11	0.00	0.00	6.80	0.88	0.00	0.00
1.20	0.12	0.00	0.00	6.90	0.90	0.00	0.00
1.30	0.13	0.00	0.00	7.00	0.92	0.00	0.00
1.40	0.14	0.00	0.00	7.10	0.94	0.00	0.00
1.50	0.15	0.00	0.00	7.20	0.96	0.00	0.00
1.60	0.16	0.00	0.00	7.30	0.98	0.00	0.00
1.70	0.18	0.00	0.00	7.40	1.00	0.00	0.00
1.80	0.19	0.00	0.00	7.50	1.02	0.00	0.00
1.90	0.20	0.00	0.00	7.60	1.04	0.00	0.00
2.00	0.21	0.00	0.00	7.70	1.06	0.00	0.00
2.10	0.22	0.00	0.00	7.80	1.09	0.00	0.00
2.20	0.23	0.00	0.00	7.90	1.11	0.00	0.00
2.30	0.24	0.00	0.00	8.00	1.13	0.00	0.00
2.40	0.26	0.00	0.00	8.10	1.16	0.00	0.00
2.50	0.27	0.00	0.00	8.20	1.18	0.00	0.00
2.60	0.28	0.00	0.00	8.30	1.20	0.00	0.00
2.70	0.29	0.00	0.00	8.40	1.23	0.00	0.00
2.80	0.30	0.00	0.00	8.50	1.25	0.00	0.00
2.90	0.32	0.00	0.00	8.60	1.28	0.00	0.00
3.00	0.33	0.00	0.00	8.70	1.31	0.00	0.00
3.10	0.34	0.00	0.00	8.80	1.33	0.00	0.00
3.20	0.35	0.00	0.00	8.90	1.36	0.00	0.00
3.30	0.37	0.00	0.00	9.00	1.39	0.00	0.00
3.40	0.38	0.00	0.00	9.10	1.41	0.00	0.00
3.50	0.39	0.00	0.00	9.20	1.44	0.00	0.00
3.60	0.41	0.00	0.00	9.30	1.47	0.00	0.00
3.70	0.42	0.00	0.00	9.40	1.51	0.00	0.00
3.80	0.43	0.00	0.00	9.50	1.54	0.00	0.00
3.90	0.44	0.00	0.00	9.60	1.58	0.00	0.00
4.00	0.46	0.00	0.00	9.70	1.61	0.00	0.00
4.10	0.47	0.00	0.00	9.80	1.65	0.00	0.00
4.20	0.48	0.00	0.00	9.90	1.69	0.00	0.00
4.30	0.50	0.00	0.00	10.00	1.73	0.00	0.00
4.40	0.51	0.00	0.00	10.10	1.77	0.00	0.00
4.50	0.53	0.00	0.00	10.20	1.82	0.00	0.00
4.60	0.54	0.00	0.00	10.30	1.86	0.00	0.00
4.70	0.55	0.00	0.00	10.40	1.91	0.00	0.00
4.80	0.57	0.00	0.00	10.50	1.96	0.00	0.00
4.90	0.58	0.00	0.00	10.60	2.01	0.00	0.00
5.00	0.60	0.00	0.00	10.70	2.07	0.00	0.00
5.10	0.61	0.00	0.00	10.80	2.13	0.00	0.00
5.20	0.63	0.00	0.00	10.90	2.20	0.00	0.00
5.30	0.64	0.00	0.00	11.00	2.27	0.00	0.00
5.40	0.66	0.00	0.00	11.10	2.35	0.00	0.00
5.50	0.67	0.00	0.00	11.20	2.44	0.00	0.00
5.60	0.68	0.00	0.00	11.30	2.54	0.00	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	2.65	0.00	0.00	17.10	7.83	1.09	0.03
11.50	2.77	0.00	0.00	17.20	7.85	1.09	0.03
11.60	2.93	0.00	0.00	17.30	7.87	1.10	0.03
11.70	3.09	0.00	0.00	17.40	7.88	1.11	0.03
11.80	3.32	0.00	0.00	17.50	7.90	1.12	0.03
11.90	3.64	0.02	0.01	17.60	7.92	1.12	0.03
12.00	4.18	0.07	0.06	17.70	7.94	1.13	0.03
12.10	5.09	0.22	0.20	17.80	7.95	1.14	0.03
12.20	5.41	0.29	**0.35**	17.90	7.97	1.14	0.03
12.30	5.64	0.35	0.32	18.00	7.98	1.15	0.03
12.40	5.80	0.39	0.28	18.10	8.00	1.16	0.03
12.50	5.96	0.43	0.25	18.20	8.02	1.16	0.03
12.60	6.08	0.47	0.21	18.30	8.03	1.17	0.03
12.70	6.19	0.50	0.18	18.40	8.05	1.18	0.03
12.80	6.29	0.53	0.16	18.50	8.06	1.18	0.03
12.90	6.38	0.56	0.15	18.60	8.07	1.19	0.03
13.00	6.46	0.59	0.13	18.70	8.09	1.19	0.03
13.10	6.53	0.61	0.12	18.80	8.10	1.20	0.03
13.20	6.60	0.63	0.11	18.90	8.12	1.21	0.03
13.30	6.66	0.65	0.10	19.00	8.13	1.21	0.03
13.40	6.72	0.67	0.10	19.10	8.15	1.22	0.03
13.50	6.77	0.69	0.09	19.20	8.16	1.23	0.03
13.60	6.82	0.71	0.08	19.30	8.18	1.23	0.03
13.70	6.87	0.72	0.08	19.40	8.19	1.24	0.03
13.80	6.91	0.74	0.07	19.50	8.20	1.24	0.03
13.90	6.96	0.75	0.07	19.60	8.22	1.25	0.03
14.00	7.00	0.77	0.07	19.70	8.23	1.26	0.03
14.10	7.04	0.78	0.07	19.80	8.25	1.26	0.03
14.20	7.08	0.80	0.06	19.90	8.26	1.27	0.03
14.30	7.12	0.81	0.06	20.00	8.27	1.27	0.03
14.40	7.15	0.82	0.06	20.10	8.29	1.28	0.03
14.50	7.19	0.84	0.06	20.20	8.30	1.28	0.03
14.60	7.22	0.85	0.06	20.30	8.31	1.29	0.03
14.70	7.26	0.86	0.06	20.40	8.32	1.30	0.02
14.80	7.29	0.87	0.05	20.50	8.34	1.30	0.02
14.90	7.32	0.88	0.05	20.60	8.35	1.31	0.02
15.00	7.34	0.90	0.05	20.70	8.36	1.31	0.02
15.10	7.37	0.91	0.05	20.80	8.38	1.32	0.02
15.20	7.40	0.92	0.05	20.90	8.39	1.32	0.02
15.30	7.42	0.93	0.05	21.00	8.40	1.33	0.02
15.40	7.45	0.94	0.04	21.10	8.41	1.33	0.02
15.50	7.48	0.95	0.04	21.20	8.43	1.34	0.02
15.60	7.50	0.96	0.04	21.30	8.44	1.35	0.02
15.70	7.53	0.97	0.04	21.40	8.45	1.35	0.02
15.80	7.55	0.97	0.04	21.50	8.46	1.36	0.02
15.90	7.57	0.98	0.04	21.60	8.47	1.36	0.02
16.00	7.60	0.99	0.04	21.70	8.49	1.37	0.02
16.10	7.62	1.00	0.04	21.80	8.50	1.37	0.02
16.20	7.64	1.01	0.04	21.90	8.51	1.38	0.02
16.30	7.67	1.02	0.04	22.00	8.52	1.38	0.02
16.40	7.69	1.03	0.04	22.10	8.53	1.39	0.02
16.50	7.71	1.04	0.04	22.20	8.54	1.39	0.02
16.60	7.73	1.05	0.04	22.30	8.55	1.40	0.02
16.70	7.75	1.05	0.04	22.40	8.57	1.40	0.02
16.80	7.77	1.06	0.04	22.50	8.58	1.41	0.02
16.90	7.79	1.07	0.04	22.60	8.59	1.41	0.02
17.00	7.81	1.08	0.04	22.70	8.60	1.42	0.02

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	8.61	1.42	0.02	28.50	8.73	1.48	0.00
22.90	8.62	1.43	0.02	28.60	8.73	1.48	0.00
23.00	8.63	1.43	0.02	28.70	8.73	1.48	0.00
23.10	8.64	1.44	0.02	28.80	8.73	1.48	0.00
23.20	8.65	1.44	0.02	28.90	8.73	1.48	0.00
23.30	8.66	1.45	0.02	29.00	8.73	1.48	0.00
23.40	8.67	1.45	0.02	29.10	8.73	1.48	0.00
23.50	8.68	1.45	0.02	29.20	8.73	1.48	0.00
23.60	8.69	1.46	0.02	29.30	8.73	1.48	0.00
23.70	8.70	1.46	0.02	29.40	8.73	1.48	0.00
23.80	8.71	1.47	0.02	29.50	8.73	1.48	0.00
23.90	8.72	1.47	0.02	29.60	8.73	1.48	0.00
24.00	**8.73**	**1.48**	0.02	29.70	8.73	1.48	0.00
24.10	8.73	1.48	0.02	29.80	8.73	1.48	0.00
24.20	8.73	1.48	0.01	29.90	8.73	1.48	0.00
24.30	8.73	1.48	0.01	30.00	8.73	1.48	0.00
24.40	8.73	1.48	0.00	30.10	8.73	1.48	0.00
24.50	8.73	1.48	0.00	30.20	8.73	1.48	0.00
24.60	8.73	1.48	0.00	30.30	8.73	1.48	0.00
24.70	8.73	1.48	0.00	30.40	8.73	1.48	0.00
24.80	8.73	1.48	0.00	30.50	8.73	1.48	0.00
24.90	8.73	1.48	0.00	30.60	8.73	1.48	0.00
25.00	8.73	1.48	0.00	30.70	8.73	1.48	0.00
25.10	8.73	1.48	0.00	30.80	8.73	1.48	0.00
25.20	8.73	1.48	0.00	30.90	8.73	1.48	0.00
25.30	8.73	1.48	0.00	31.00	8.73	1.48	0.00
25.40	8.73	1.48	0.00	31.10	8.73	1.48	0.00
25.50	8.73	1.48	0.00	31.20	8.73	1.48	0.00
25.60	8.73	1.48	0.00	31.30	8.73	1.48	0.00
25.70	8.73	1.48	0.00	31.40	8.73	1.48	0.00
25.80	8.73	1.48	0.00	31.50	8.73	1.48	0.00
25.90	8.73	1.48	0.00	31.60	8.73	1.48	0.00
26.00	8.73	1.48	0.00	31.70	8.73	1.48	0.00
26.10	8.73	1.48	0.00	31.80	8.73	1.48	0.00
26.20	8.73	1.48	0.00	31.90	8.73	1.48	0.00
26.30	8.73	1.48	0.00	32.00	8.73	1.48	0.00
26.40	8.73	1.48	0.00	32.10	8.73	1.48	0.00
26.50	8.73	1.48	0.00	32.20	8.73	1.48	0.00
26.60	8.73	1.48	0.00	32.30	8.73	1.48	0.00
26.70	8.73	1.48	0.00	32.40	8.73	1.48	0.00
26.80	8.73	1.48	0.00	32.50	8.73	1.48	0.00
26.90	8.73	1.48	0.00	32.60	8.73	1.48	0.00
27.00	8.73	1.48	0.00	32.70	8.73	1.48	0.00
27.10	8.73	1.48	0.00	32.80	8.73	1.48	0.00
27.20	8.73	1.48	0.00	32.90	8.73	1.48	0.00
27.30	8.73	1.48	0.00	33.00	8.73	1.48	0.00
27.40	8.73	1.48	0.00	33.10	8.73	1.48	0.00
27.50	8.73	1.48	0.00	33.20	8.73	1.48	0.00
27.60	8.73	1.48	0.00	33.30	8.73	1.48	0.00
27.70	8.73	1.48	0.00	33.40	8.73	1.48	0.00
27.80	8.73	1.48	0.00	33.50	8.73	1.48	0.00
27.90	8.73	1.48	0.00	33.60	8.73	1.48	0.00
28.00	8.73	1.48	0.00	33.70	8.73	1.48	0.00
28.10	8.73	1.48	0.00	33.80	8.73	1.48	0.00
28.20	8.73	1.48	0.00	33.90	8.73	1.48	0.00
28.30	8.73	1.48	0.00	34.00	8.73	1.48	0.00
28.40	8.73	1.48	0.00	34.10	8.73	1.48	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	8.73	1.48	0.00	39.90	8.73	1.48	0.00
34.30	8.73	1.48	0.00	40.00	8.73	1.48	0.00
34.40	8.73	1.48	0.00	40.10	8.73	1.48	0.00
34.50	8.73	1.48	0.00	40.20	8.73	1.48	0.00
34.60	8.73	1.48	0.00	40.30	8.73	1.48	0.00
34.70	8.73	1.48	0.00	40.40	8.73	1.48	0.00
34.80	8.73	1.48	0.00	40.50	8.73	1.48	0.00
34.90	8.73	1.48	0.00	40.60	8.73	1.48	0.00
35.00	8.73	1.48	0.00	40.70	8.73	1.48	0.00
35.10	8.73	1.48	0.00	40.80	8.73	1.48	0.00
35.20	8.73	1.48	0.00	40.90	8.73	1.48	0.00
35.30	8.73	1.48	0.00	41.00	8.73	1.48	0.00
35.40	8.73	1.48	0.00	41.10	8.73	1.48	0.00
35.50	8.73	1.48	0.00	41.20	8.73	1.48	0.00
35.60	8.73	1.48	0.00	41.30	8.73	1.48	0.00
35.70	8.73	1.48	0.00	41.40	8.73	1.48	0.00
35.80	8.73	1.48	0.00	41.50	8.73	1.48	0.00
35.90	8.73	1.48	0.00	41.60	8.73	1.48	0.00
36.00	8.73	1.48	0.00	41.70	8.73	1.48	0.00
36.10	8.73	1.48	0.00	41.80	8.73	1.48	0.00
36.20	8.73	1.48	0.00	41.90	8.73	1.48	0.00
36.30	8.73	1.48	0.00	42.00	8.73	1.48	0.00
36.40	8.73	1.48	0.00	42.10	8.73	1.48	0.00
36.50	8.73	1.48	0.00	42.20	8.73	1.48	0.00
36.60	8.73	1.48	0.00	42.30	8.73	1.48	0.00
36.70	8.73	1.48	0.00	42.40	8.73	1.48	0.00
36.80	8.73	1.48	0.00	42.50	8.73	1.48	0.00
36.90	8.73	1.48	0.00	42.60	8.73	1.48	0.00
37.00	8.73	1.48	0.00	42.70	8.73	1.48	0.00
37.10	8.73	1.48	0.00	42.80	8.73	1.48	0.00
37.20	8.73	1.48	0.00	42.90	8.73	1.48	0.00
37.30	8.73	1.48	0.00	43.00	8.73	1.48	0.00
37.40	8.73	1.48	0.00	43.10	8.73	1.48	0.00
37.50	8.73	1.48	0.00	43.20	8.73	1.48	0.00
37.60	8.73	1.48	0.00	43.30	8.73	1.48	0.00
37.70	8.73	1.48	0.00	43.40	8.73	1.48	0.00
37.80	8.73	1.48	0.00	43.50	8.73	1.48	0.00
37.90	8.73	1.48	0.00	43.60	8.73	1.48	0.00
38.00	8.73	1.48	0.00	43.70	8.73	1.48	0.00
38.10	8.73	1.48	0.00	43.80	8.73	1.48	0.00
38.20	8.73	1.48	0.00	43.90	8.73	1.48	0.00
38.30	8.73	1.48	0.00	44.00	8.73	1.48	0.00
38.40	8.73	1.48	0.00	44.10	8.73	1.48	0.00
38.50	8.73	1.48	0.00	44.20	8.73	1.48	0.00
38.60	8.73	1.48	0.00	44.30	8.73	1.48	0.00
38.70	8.73	1.48	0.00	44.40	8.73	1.48	0.00
38.80	8.73	1.48	0.00	44.50	8.73	1.48	0.00
38.90	8.73	1.48	0.00	44.60	8.73	1.48	0.00
39.00	8.73	1.48	0.00	44.70	8.73	1.48	0.00
39.10	8.73	1.48	0.00	44.80	8.73	1.48	0.00
39.20	8.73	1.48	0.00	44.90	8.73	1.48	0.00
39.30	8.73	1.48	0.00	45.00	8.73	1.48	0.00
39.40	8.73	1.48	0.00	45.10	8.73	1.48	0.00
39.50	8.73	1.48	0.00	45.20	8.73	1.48	0.00
39.60	8.73	1.48	0.00	45.30	8.73	1.48	0.00
39.70	8.73	1.48	0.00	45.40	8.73	1.48	0.00
39.80	8.73	1.48	0.00	45.50	8.73	1.48	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	8.73	1.48	0.00	51.30	8.73	1.48	0.00
45.70	8.73	1.48	0.00	51.40	8.73	1.48	0.00
45.80	8.73	1.48	0.00	51.50	8.73	1.48	0.00
45.90	8.73	1.48	0.00	51.60	8.73	1.48	0.00
46.00	8.73	1.48	0.00	51.70	8.73	1.48	0.00
46.10	8.73	1.48	0.00	51.80	8.73	1.48	0.00
46.20	8.73	1.48	0.00	51.90	8.73	1.48	0.00
46.30	8.73	1.48	0.00	52.00	8.73	1.48	0.00
46.40	8.73	1.48	0.00	52.10	8.73	1.48	0.00
46.50	8.73	1.48	0.00	52.20	8.73	1.48	0.00
46.60	8.73	1.48	0.00	52.30	8.73	1.48	0.00
46.70	8.73	1.48	0.00	52.40	8.73	1.48	0.00
46.80	8.73	1.48	0.00	52.50	8.73	1.48	0.00
46.90	8.73	1.48	0.00	52.60	8.73	1.48	0.00
47.00	8.73	1.48	0.00	52.70	8.73	1.48	0.00
47.10	8.73	1.48	0.00	52.80	8.73	1.48	0.00
47.20	8.73	1.48	0.00	52.90	8.73	1.48	0.00
47.30	8.73	1.48	0.00	53.00	8.73	1.48	0.00
47.40	8.73	1.48	0.00	53.10	8.73	1.48	0.00
47.50	8.73	1.48	0.00	53.20	8.73	1.48	0.00
47.60	8.73	1.48	0.00	53.30	8.73	1.48	0.00
47.70	8.73	1.48	0.00	53.40	8.73	1.48	0.00
47.80	8.73	1.48	0.00	53.50	8.73	1.48	0.00
47.90	8.73	1.48	0.00	53.60	8.73	1.48	0.00
48.00	8.73	1.48	0.00	53.70	8.73	1.48	0.00
48.10	8.73	1.48	0.00	53.80	8.73	1.48	0.00
48.20	8.73	1.48	0.00	53.90	8.73	1.48	0.00
48.30	8.73	1.48	0.00	54.00	8.73	1.48	0.00
48.40	8.73	1.48	0.00	54.10	8.73	1.48	0.00
48.50	8.73	1.48	0.00	54.20	8.73	1.48	0.00
48.60	8.73	1.48	0.00	54.30	8.73	1.48	0.00
48.70	8.73	1.48	0.00	54.40	8.73	1.48	0.00
48.80	8.73	1.48	0.00	54.50	8.73	1.48	0.00
48.90	8.73	1.48	0.00	54.60	8.73	1.48	0.00
49.00	8.73	1.48	0.00	54.70	8.73	1.48	0.00
49.10	8.73	1.48	0.00	54.80	8.73	1.48	0.00
49.20	8.73	1.48	0.00	54.90	8.73	1.48	0.00
49.30	8.73	1.48	0.00	55.00	8.73	1.48	0.00
49.40	8.73	1.48	0.00	55.10	8.73	1.48	0.00
49.50	8.73	1.48	0.00	55.20	8.73	1.48	0.00
49.60	8.73	1.48	0.00	55.30	8.73	1.48	0.00
49.70	8.73	1.48	0.00	55.40	8.73	1.48	0.00
49.80	8.73	1.48	0.00	55.50	8.73	1.48	0.00
49.90	8.73	1.48	0.00	55.60	8.73	1.48	0.00
50.00	8.73	1.48	0.00	55.70	8.73	1.48	0.00
50.10	8.73	1.48	0.00	55.80	8.73	1.48	0.00
50.20	8.73	1.48	0.00	55.90	8.73	1.48	0.00
50.30	8.73	1.48	0.00	56.00	8.73	1.48	0.00
50.40	8.73	1.48	0.00	56.10	8.73	1.48	0.00
50.50	8.73	1.48	0.00	56.20	8.73	1.48	0.00
50.60	8.73	1.48	0.00	56.30	8.73	1.48	0.00
50.70	8.73	1.48	0.00	56.40	8.73	1.48	0.00
50.80	8.73	1.48	0.00	56.50	8.73	1.48	0.00
50.90	8.73	1.48	0.00	56.60	8.73	1.48	0.00
51.00	8.73	1.48	0.00	56.70	8.73	1.48	0.00
51.10	8.73	1.48	0.00	56.80	8.73	1.48	0.00
51.20	8.73	1.48	0.00	56.90	8.73	1.48	0.00

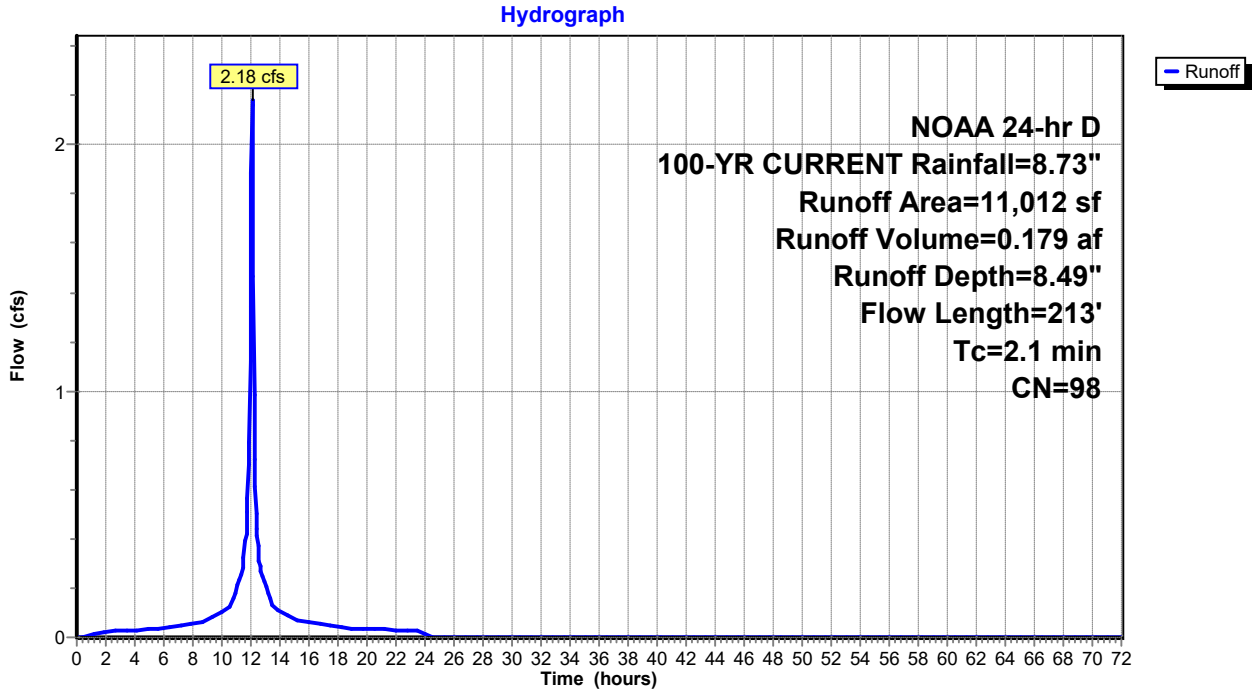
Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	8.73	1.48	0.00	62.70	8.73	1.48	0.00
57.10	8.73	1.48	0.00	62.80	8.73	1.48	0.00
57.20	8.73	1.48	0.00	62.90	8.73	1.48	0.00
57.30	8.73	1.48	0.00	63.00	8.73	1.48	0.00
57.40	8.73	1.48	0.00	63.10	8.73	1.48	0.00
57.50	8.73	1.48	0.00	63.20	8.73	1.48	0.00
57.60	8.73	1.48	0.00	63.30	8.73	1.48	0.00
57.70	8.73	1.48	0.00	63.40	8.73	1.48	0.00
57.80	8.73	1.48	0.00	63.50	8.73	1.48	0.00
57.90	8.73	1.48	0.00	63.60	8.73	1.48	0.00
58.00	8.73	1.48	0.00	63.70	8.73	1.48	0.00
58.10	8.73	1.48	0.00	63.80	8.73	1.48	0.00
58.20	8.73	1.48	0.00	63.90	8.73	1.48	0.00
58.30	8.73	1.48	0.00	64.00	8.73	1.48	0.00
58.40	8.73	1.48	0.00	64.10	8.73	1.48	0.00
58.50	8.73	1.48	0.00	64.20	8.73	1.48	0.00
58.60	8.73	1.48	0.00	64.30	8.73	1.48	0.00
58.70	8.73	1.48	0.00	64.40	8.73	1.48	0.00
58.80	8.73	1.48	0.00	64.50	8.73	1.48	0.00
58.90	8.73	1.48	0.00	64.60	8.73	1.48	0.00
59.00	8.73	1.48	0.00	64.70	8.73	1.48	0.00
59.10	8.73	1.48	0.00	64.80	8.73	1.48	0.00
59.20	8.73	1.48	0.00	64.90	8.73	1.48	0.00
59.30	8.73	1.48	0.00	65.00	8.73	1.48	0.00
59.40	8.73	1.48	0.00	65.10	8.73	1.48	0.00
59.50	8.73	1.48	0.00	65.20	8.73	1.48	0.00
59.60	8.73	1.48	0.00	65.30	8.73	1.48	0.00
59.70	8.73	1.48	0.00	65.40	8.73	1.48	0.00
59.80	8.73	1.48	0.00	65.50	8.73	1.48	0.00
59.90	8.73	1.48	0.00	65.60	8.73	1.48	0.00
60.00	8.73	1.48	0.00	65.70	8.73	1.48	0.00
60.10	8.73	1.48	0.00	65.80	8.73	1.48	0.00
60.20	8.73	1.48	0.00	65.90	8.73	1.48	0.00
60.30	8.73	1.48	0.00	66.00	8.73	1.48	0.00
60.40	8.73	1.48	0.00	66.10	8.73	1.48	0.00
60.50	8.73	1.48	0.00	66.20	8.73	1.48	0.00
60.60	8.73	1.48	0.00	66.30	8.73	1.48	0.00
60.70	8.73	1.48	0.00	66.40	8.73	1.48	0.00
60.80	8.73	1.48	0.00	66.50	8.73	1.48	0.00
60.90	8.73	1.48	0.00	66.60	8.73	1.48	0.00
61.00	8.73	1.48	0.00	66.70	8.73	1.48	0.00
61.10	8.73	1.48	0.00	66.80	8.73	1.48	0.00
61.20	8.73	1.48	0.00	66.90	8.73	1.48	0.00
61.30	8.73	1.48	0.00	67.00	8.73	1.48	0.00
61.40	8.73	1.48	0.00	67.10	8.73	1.48	0.00
61.50	8.73	1.48	0.00	67.20	8.73	1.48	0.00
61.60	8.73	1.48	0.00	67.30	8.73	1.48	0.00
61.70	8.73	1.48	0.00	67.40	8.73	1.48	0.00
61.80	8.73	1.48	0.00	67.50	8.73	1.48	0.00
61.90	8.73	1.48	0.00	67.60	8.73	1.48	0.00
62.00	8.73	1.48	0.00	67.70	8.73	1.48	0.00
62.10	8.73	1.48	0.00	67.80	8.73	1.48	0.00
62.20	8.73	1.48	0.00	67.90	8.73	1.48	0.00
62.30	8.73	1.48	0.00	68.00	8.73	1.48	0.00
62.40	8.73	1.48	0.00	68.10	8.73	1.48	0.00
62.50	8.73	1.48	0.00	68.20	8.73	1.48	0.00
62.60	8.73	1.48	0.00	68.30	8.73	1.48	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	8.73	1.48	0.00
68.50	8.73	1.48	0.00
68.60	8.73	1.48	0.00
68.70	8.73	1.48	0.00
68.80	8.73	1.48	0.00
68.90	8.73	1.48	0.00
69.00	8.73	1.48	0.00
69.10	8.73	1.48	0.00
69.20	8.73	1.48	0.00
69.30	8.73	1.48	0.00
69.40	8.73	1.48	0.00
69.50	8.73	1.48	0.00
69.60	8.73	1.48	0.00
69.70	8.73	1.48	0.00
69.80	8.73	1.48	0.00
69.90	8.73	1.48	0.00
70.00	8.73	1.48	0.00
70.10	8.73	1.48	0.00
70.20	8.73	1.48	0.00
70.30	8.73	1.48	0.00
70.40	8.73	1.48	0.00
70.50	8.73	1.48	0.00
70.60	8.73	1.48	0.00
70.70	8.73	1.48	0.00
70.80	8.73	1.48	0.00
70.90	8.73	1.48	0.00
71.00	8.73	1.48	0.00
71.10	8.73	1.48	0.00
71.20	8.73	1.48	0.00
71.30	8.73	1.48	0.00
71.40	8.73	1.48	0.00
71.50	8.73	1.48	0.00
71.60	8.73	1.48	0.00
71.70	8.73	1.48	0.00
71.80	8.73	1.48	0.00
71.90	8.73	1.48	0.00
72.00	8.73	1.48	0.00

Subcatchment 9S: PDA 2-Impervious



Hydrograph for Subcatchment 9S: PDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.70	0.50	0.04
0.10	0.01	0.00	0.00	5.80	0.71	0.52	0.04
0.20	0.02	0.00	0.00	5.90	0.73	0.53	0.04
0.30	0.03	0.00	0.00	6.00	0.75	0.55	0.04
0.40	0.04	0.00	0.00	6.10	0.76	0.56	0.04
0.50	0.05	0.00	0.00	6.20	0.78	0.58	0.04
0.60	0.06	0.00	0.00	6.30	0.79	0.59	0.04
0.70	0.07	0.00	0.00	6.40	0.81	0.61	0.04
0.80	0.08	0.01	0.01	6.50	0.83	0.62	0.04
0.90	0.09	0.01	0.01	6.60	0.85	0.64	0.04
1.00	0.10	0.01	0.01	6.70	0.86	0.66	0.04
1.10	0.11	0.02	0.01	6.80	0.88	0.68	0.05
1.20	0.12	0.02	0.01	6.90	0.90	0.69	0.05
1.30	0.13	0.03	0.01	7.00	0.92	0.71	0.05
1.40	0.14	0.03	0.01	7.10	0.94	0.73	0.05
1.50	0.15	0.04	0.02	7.20	0.96	0.75	0.05
1.60	0.16	0.05	0.02	7.30	0.98	0.77	0.05
1.70	0.18	0.05	0.02	7.40	1.00	0.79	0.05
1.80	0.19	0.06	0.02	7.50	1.02	0.81	0.05
1.90	0.20	0.07	0.02	7.60	1.04	0.83	0.05
2.00	0.21	0.08	0.02	7.70	1.06	0.85	0.05
2.10	0.22	0.08	0.02	7.80	1.09	0.88	0.06
2.20	0.23	0.09	0.02	7.90	1.11	0.90	0.06
2.30	0.24	0.10	0.02	8.00	1.13	0.92	0.06
2.40	0.26	0.11	0.02	8.10	1.16	0.94	0.06
2.50	0.27	0.12	0.02	8.20	1.18	0.97	0.06
2.60	0.28	0.13	0.02	8.30	1.20	0.99	0.06
2.70	0.29	0.14	0.02	8.40	1.23	1.01	0.06
2.80	0.30	0.15	0.02	8.50	1.25	1.04	0.06
2.90	0.32	0.16	0.03	8.60	1.28	1.06	0.06
3.00	0.33	0.17	0.03	8.70	1.31	1.09	0.06
3.10	0.34	0.18	0.03	8.80	1.33	1.11	0.07
3.20	0.35	0.19	0.03	8.90	1.36	1.14	0.07
3.30	0.37	0.20	0.03	9.00	1.39	1.17	0.07
3.40	0.38	0.21	0.03	9.10	1.41	1.19	0.07
3.50	0.39	0.22	0.03	9.20	1.44	1.22	0.07
3.60	0.41	0.23	0.03	9.30	1.47	1.25	0.08
3.70	0.42	0.24	0.03	9.40	1.51	1.29	0.08
3.80	0.43	0.26	0.03	9.50	1.54	1.32	0.08
3.90	0.44	0.27	0.03	9.60	1.58	1.35	0.09
4.00	0.46	0.28	0.03	9.70	1.61	1.39	0.09
4.10	0.47	0.29	0.03	9.80	1.65	1.43	0.10
4.20	0.48	0.30	0.03	9.90	1.69	1.47	0.10
4.30	0.50	0.32	0.03	10.00	1.73	1.51	0.10
4.40	0.51	0.33	0.03	10.10	1.77	1.55	0.11
4.50	0.53	0.34	0.03	10.20	1.82	1.59	0.11
4.60	0.54	0.35	0.03	10.30	1.86	1.64	0.11
4.70	0.55	0.37	0.03	10.40	1.91	1.68	0.12
4.80	0.57	0.38	0.03	10.50	1.96	1.73	0.12
4.90	0.58	0.39	0.03	10.60	2.01	1.78	0.13
5.00	0.60	0.41	0.03	10.70	2.07	1.84	0.14
5.10	0.61	0.42	0.03	10.80	2.13	1.90	0.16
5.20	0.63	0.43	0.03	10.90	2.20	1.97	0.17
5.30	0.64	0.45	0.03	11.00	2.27	2.04	0.18
5.40	0.66	0.46	0.04	11.10	2.35	2.12	0.21
5.50	0.67	0.47	0.04	11.20	2.44	2.21	0.23
5.60	0.68	0.49	0.04	11.30	2.54	2.31	0.25

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	2.65	2.42	0.27	17.10	7.83	7.59	0.05
11.50	2.77	2.54	0.30	17.20	7.85	7.61	0.05
11.60	2.93	2.69	0.39	17.30	7.87	7.63	0.05
11.70	3.09	2.86	0.42	17.40	7.88	7.65	0.05
11.80	3.32	3.09	0.57	17.50	7.90	7.66	0.05
11.90	3.64	3.40	0.79	17.60	7.92	7.68	0.04
12.00	4.18	3.95	1.34	17.70	7.94	7.70	0.04
12.10	5.09	4.86	**2.16**	17.80	7.95	7.71	0.04
12.20	5.41	5.17	0.98	17.90	7.97	7.73	0.04
12.30	5.64	5.40	0.61	18.00	7.98	7.74	0.04
12.40	5.80	5.57	0.44	18.10	8.00	7.76	0.04
12.50	5.96	5.72	0.40	18.20	8.02	7.78	0.04
12.60	6.08	5.84	0.31	18.30	8.03	7.79	0.04
12.70	6.19	5.95	0.28	18.40	8.05	7.81	0.04
12.80	6.29	6.05	0.26	18.50	8.06	7.82	0.04
12.90	6.38	6.14	0.23	18.60	8.07	7.84	0.04
13.00	6.46	6.22	0.21	18.70	8.09	7.85	0.04
13.10	6.53	6.29	0.19	18.80	8.10	7.86	0.04
13.20	6.60	6.36	0.17	18.90	8.12	7.88	0.04
13.30	6.66	6.43	0.16	19.00	8.13	7.89	0.04
13.40	6.72	6.48	0.15	19.10	8.15	7.91	0.04
13.50	6.77	6.54	0.14	19.20	8.16	7.92	0.04
13.60	6.82	6.58	0.12	19.30	8.18	7.94	0.04
13.70	6.87	6.63	0.12	19.40	8.19	7.95	0.04
13.80	6.91	6.67	0.11	19.50	8.20	7.96	0.04
13.90	6.96	6.72	0.11	19.60	8.22	7.98	0.04
14.00	7.00	6.76	0.11	19.70	8.23	7.99	0.04
14.10	7.04	6.80	0.10	19.80	8.25	8.01	0.03
14.20	7.08	6.84	0.10	19.90	8.26	8.02	0.03
14.30	7.12	6.88	0.10	20.00	8.27	8.03	0.03
14.40	7.15	6.91	0.09	20.10	8.29	8.05	0.03
14.50	7.19	6.95	0.09	20.20	8.30	8.06	0.03
14.60	7.22	6.98	0.09	20.30	8.31	8.07	0.03
14.70	7.26	7.02	0.08	20.40	8.32	8.08	0.03
14.80	7.29	7.05	0.08	20.50	8.34	8.10	0.03
14.90	7.32	7.08	0.08	20.60	8.35	8.11	0.03
15.00	7.34	7.11	0.07	20.70	8.36	8.12	0.03
15.10	7.37	7.13	0.07	20.80	8.38	8.14	0.03
15.20	7.40	7.16	0.07	20.90	8.39	8.15	0.03
15.30	7.42	7.19	0.07	21.00	8.40	8.16	0.03
15.40	7.45	7.21	0.07	21.10	8.41	8.17	0.03
15.50	7.48	7.24	0.06	21.20	8.43	8.19	0.03
15.60	7.50	7.26	0.06	21.30	8.44	8.20	0.03
15.70	7.53	7.29	0.06	21.40	8.45	8.21	0.03
15.80	7.55	7.31	0.06	21.50	8.46	8.22	0.03
15.90	7.57	7.33	0.06	21.60	8.47	8.23	0.03
16.00	7.60	7.36	0.06	21.70	8.49	8.25	0.03
16.10	7.62	7.38	0.06	21.80	8.50	8.26	0.03
16.20	7.64	7.40	0.06	21.90	8.51	8.27	0.03
16.30	7.67	7.43	0.06	22.00	8.52	8.28	0.03
16.40	7.69	7.45	0.06	22.10	8.53	8.29	0.03
16.50	7.71	7.47	0.05	22.20	8.54	8.30	0.03
16.60	7.73	7.49	0.05	22.30	8.55	8.31	0.03
16.70	7.75	7.51	0.05	22.40	8.57	8.33	0.03
16.80	7.77	7.53	0.05	22.50	8.58	8.34	0.03
16.90	7.79	7.55	0.05	22.60	8.59	8.35	0.03
17.00	7.81	7.57	0.05	22.70	8.60	8.36	0.03

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	8.61	8.37	0.03	28.50	8.73	8.49	0.00
22.90	8.62	8.38	0.03	28.60	8.73	8.49	0.00
23.00	8.63	8.39	0.03	28.70	8.73	8.49	0.00
23.10	8.64	8.40	0.03	28.80	8.73	8.49	0.00
23.20	8.65	8.41	0.03	28.90	8.73	8.49	0.00
23.30	8.66	8.42	0.03	29.00	8.73	8.49	0.00
23.40	8.67	8.43	0.03	29.10	8.73	8.49	0.00
23.50	8.68	8.44	0.03	29.20	8.73	8.49	0.00
23.60	8.69	8.45	0.03	29.30	8.73	8.49	0.00
23.70	8.70	8.46	0.03	29.40	8.73	8.49	0.00
23.80	8.71	8.47	0.02	29.50	8.73	8.49	0.00
23.90	8.72	8.48	0.02	29.60	8.73	8.49	0.00
24.00	**8.73**	**8.49**	0.02	29.70	8.73	8.49	0.00
24.10	8.73	8.49	0.00	29.80	8.73	8.49	0.00
24.20	8.73	8.49	0.00	29.90	8.73	8.49	0.00
24.30	8.73	8.49	0.00	30.00	8.73	8.49	0.00
24.40	8.73	8.49	0.00	30.10	8.73	8.49	0.00
24.50	8.73	8.49	0.00	30.20	8.73	8.49	0.00
24.60	8.73	8.49	0.00	30.30	8.73	8.49	0.00
24.70	8.73	8.49	0.00	30.40	8.73	8.49	0.00
24.80	8.73	8.49	0.00	30.50	8.73	8.49	0.00
24.90	8.73	8.49	0.00	30.60	8.73	8.49	0.00
25.00	8.73	8.49	0.00	30.70	8.73	8.49	0.00
25.10	8.73	8.49	0.00	30.80	8.73	8.49	0.00
25.20	8.73	8.49	0.00	30.90	8.73	8.49	0.00
25.30	8.73	8.49	0.00	31.00	8.73	8.49	0.00
25.40	8.73	8.49	0.00	31.10	8.73	8.49	0.00
25.50	8.73	8.49	0.00	31.20	8.73	8.49	0.00
25.60	8.73	8.49	0.00	31.30	8.73	8.49	0.00
25.70	8.73	8.49	0.00	31.40	8.73	8.49	0.00
25.80	8.73	8.49	0.00	31.50	8.73	8.49	0.00
25.90	8.73	8.49	0.00	31.60	8.73	8.49	0.00
26.00	8.73	8.49	0.00	31.70	8.73	8.49	0.00
26.10	8.73	8.49	0.00	31.80	8.73	8.49	0.00
26.20	8.73	8.49	0.00	31.90	8.73	8.49	0.00
26.30	8.73	8.49	0.00	32.00	8.73	8.49	0.00
26.40	8.73	8.49	0.00	32.10	8.73	8.49	0.00
26.50	8.73	8.49	0.00	32.20	8.73	8.49	0.00
26.60	8.73	8.49	0.00	32.30	8.73	8.49	0.00
26.70	8.73	8.49	0.00	32.40	8.73	8.49	0.00
26.80	8.73	8.49	0.00	32.50	8.73	8.49	0.00
26.90	8.73	8.49	0.00	32.60	8.73	8.49	0.00
27.00	8.73	8.49	0.00	32.70	8.73	8.49	0.00
27.10	8.73	8.49	0.00	32.80	8.73	8.49	0.00
27.20	8.73	8.49	0.00	32.90	8.73	8.49	0.00
27.30	8.73	8.49	0.00	33.00	8.73	8.49	0.00
27.40	8.73	8.49	0.00	33.10	8.73	8.49	0.00
27.50	8.73	8.49	0.00	33.20	8.73	8.49	0.00
27.60	8.73	8.49	0.00	33.30	8.73	8.49	0.00
27.70	8.73	8.49	0.00	33.40	8.73	8.49	0.00
27.80	8.73	8.49	0.00	33.50	8.73	8.49	0.00
27.90	8.73	8.49	0.00	33.60	8.73	8.49	0.00
28.00	8.73	8.49	0.00	33.70	8.73	8.49	0.00
28.10	8.73	8.49	0.00	33.80	8.73	8.49	0.00
28.20	8.73	8.49	0.00	33.90	8.73	8.49	0.00
28.30	8.73	8.49	0.00	34.00	8.73	8.49	0.00
28.40	8.73	8.49	0.00	34.10	8.73	8.49	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	8.73	8.49	0.00	39.90	8.73	8.49	0.00
34.30	8.73	8.49	0.00	40.00	8.73	8.49	0.00
34.40	8.73	8.49	0.00	40.10	8.73	8.49	0.00
34.50	8.73	8.49	0.00	40.20	8.73	8.49	0.00
34.60	8.73	8.49	0.00	40.30	8.73	8.49	0.00
34.70	8.73	8.49	0.00	40.40	8.73	8.49	0.00
34.80	8.73	8.49	0.00	40.50	8.73	8.49	0.00
34.90	8.73	8.49	0.00	40.60	8.73	8.49	0.00
35.00	8.73	8.49	0.00	40.70	8.73	8.49	0.00
35.10	8.73	8.49	0.00	40.80	8.73	8.49	0.00
35.20	8.73	8.49	0.00	40.90	8.73	8.49	0.00
35.30	8.73	8.49	0.00	41.00	8.73	8.49	0.00
35.40	8.73	8.49	0.00	41.10	8.73	8.49	0.00
35.50	8.73	8.49	0.00	41.20	8.73	8.49	0.00
35.60	8.73	8.49	0.00	41.30	8.73	8.49	0.00
35.70	8.73	8.49	0.00	41.40	8.73	8.49	0.00
35.80	8.73	8.49	0.00	41.50	8.73	8.49	0.00
35.90	8.73	8.49	0.00	41.60	8.73	8.49	0.00
36.00	8.73	8.49	0.00	41.70	8.73	8.49	0.00
36.10	8.73	8.49	0.00	41.80	8.73	8.49	0.00
36.20	8.73	8.49	0.00	41.90	8.73	8.49	0.00
36.30	8.73	8.49	0.00	42.00	8.73	8.49	0.00
36.40	8.73	8.49	0.00	42.10	8.73	8.49	0.00
36.50	8.73	8.49	0.00	42.20	8.73	8.49	0.00
36.60	8.73	8.49	0.00	42.30	8.73	8.49	0.00
36.70	8.73	8.49	0.00	42.40	8.73	8.49	0.00
36.80	8.73	8.49	0.00	42.50	8.73	8.49	0.00
36.90	8.73	8.49	0.00	42.60	8.73	8.49	0.00
37.00	8.73	8.49	0.00	42.70	8.73	8.49	0.00
37.10	8.73	8.49	0.00	42.80	8.73	8.49	0.00
37.20	8.73	8.49	0.00	42.90	8.73	8.49	0.00
37.30	8.73	8.49	0.00	43.00	8.73	8.49	0.00
37.40	8.73	8.49	0.00	43.10	8.73	8.49	0.00
37.50	8.73	8.49	0.00	43.20	8.73	8.49	0.00
37.60	8.73	8.49	0.00	43.30	8.73	8.49	0.00
37.70	8.73	8.49	0.00	43.40	8.73	8.49	0.00
37.80	8.73	8.49	0.00	43.50	8.73	8.49	0.00
37.90	8.73	8.49	0.00	43.60	8.73	8.49	0.00
38.00	8.73	8.49	0.00	43.70	8.73	8.49	0.00
38.10	8.73	8.49	0.00	43.80	8.73	8.49	0.00
38.20	8.73	8.49	0.00	43.90	8.73	8.49	0.00
38.30	8.73	8.49	0.00	44.00	8.73	8.49	0.00
38.40	8.73	8.49	0.00	44.10	8.73	8.49	0.00
38.50	8.73	8.49	0.00	44.20	8.73	8.49	0.00
38.60	8.73	8.49	0.00	44.30	8.73	8.49	0.00
38.70	8.73	8.49	0.00	44.40	8.73	8.49	0.00
38.80	8.73	8.49	0.00	44.50	8.73	8.49	0.00
38.90	8.73	8.49	0.00	44.60	8.73	8.49	0.00
39.00	8.73	8.49	0.00	44.70	8.73	8.49	0.00
39.10	8.73	8.49	0.00	44.80	8.73	8.49	0.00
39.20	8.73	8.49	0.00	44.90	8.73	8.49	0.00
39.30	8.73	8.49	0.00	45.00	8.73	8.49	0.00
39.40	8.73	8.49	0.00	45.10	8.73	8.49	0.00
39.50	8.73	8.49	0.00	45.20	8.73	8.49	0.00
39.60	8.73	8.49	0.00	45.30	8.73	8.49	0.00
39.70	8.73	8.49	0.00	45.40	8.73	8.49	0.00
39.80	8.73	8.49	0.00	45.50	8.73	8.49	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	8.73	8.49	0.00	51.30	8.73	8.49	0.00
45.70	8.73	8.49	0.00	51.40	8.73	8.49	0.00
45.80	8.73	8.49	0.00	51.50	8.73	8.49	0.00
45.90	8.73	8.49	0.00	51.60	8.73	8.49	0.00
46.00	8.73	8.49	0.00	51.70	8.73	8.49	0.00
46.10	8.73	8.49	0.00	51.80	8.73	8.49	0.00
46.20	8.73	8.49	0.00	51.90	8.73	8.49	0.00
46.30	8.73	8.49	0.00	52.00	8.73	8.49	0.00
46.40	8.73	8.49	0.00	52.10	8.73	8.49	0.00
46.50	8.73	8.49	0.00	52.20	8.73	8.49	0.00
46.60	8.73	8.49	0.00	52.30	8.73	8.49	0.00
46.70	8.73	8.49	0.00	52.40	8.73	8.49	0.00
46.80	8.73	8.49	0.00	52.50	8.73	8.49	0.00
46.90	8.73	8.49	0.00	52.60	8.73	8.49	0.00
47.00	8.73	8.49	0.00	52.70	8.73	8.49	0.00
47.10	8.73	8.49	0.00	52.80	8.73	8.49	0.00
47.20	8.73	8.49	0.00	52.90	8.73	8.49	0.00
47.30	8.73	8.49	0.00	53.00	8.73	8.49	0.00
47.40	8.73	8.49	0.00	53.10	8.73	8.49	0.00
47.50	8.73	8.49	0.00	53.20	8.73	8.49	0.00
47.60	8.73	8.49	0.00	53.30	8.73	8.49	0.00
47.70	8.73	8.49	0.00	53.40	8.73	8.49	0.00
47.80	8.73	8.49	0.00	53.50	8.73	8.49	0.00
47.90	8.73	8.49	0.00	53.60	8.73	8.49	0.00
48.00	8.73	8.49	0.00	53.70	8.73	8.49	0.00
48.10	8.73	8.49	0.00	53.80	8.73	8.49	0.00
48.20	8.73	8.49	0.00	53.90	8.73	8.49	0.00
48.30	8.73	8.49	0.00	54.00	8.73	8.49	0.00
48.40	8.73	8.49	0.00	54.10	8.73	8.49	0.00
48.50	8.73	8.49	0.00	54.20	8.73	8.49	0.00
48.60	8.73	8.49	0.00	54.30	8.73	8.49	0.00
48.70	8.73	8.49	0.00	54.40	8.73	8.49	0.00
48.80	8.73	8.49	0.00	54.50	8.73	8.49	0.00
48.90	8.73	8.49	0.00	54.60	8.73	8.49	0.00
49.00	8.73	8.49	0.00	54.70	8.73	8.49	0.00
49.10	8.73	8.49	0.00	54.80	8.73	8.49	0.00
49.20	8.73	8.49	0.00	54.90	8.73	8.49	0.00
49.30	8.73	8.49	0.00	55.00	8.73	8.49	0.00
49.40	8.73	8.49	0.00	55.10	8.73	8.49	0.00
49.50	8.73	8.49	0.00	55.20	8.73	8.49	0.00
49.60	8.73	8.49	0.00	55.30	8.73	8.49	0.00
49.70	8.73	8.49	0.00	55.40	8.73	8.49	0.00
49.80	8.73	8.49	0.00	55.50	8.73	8.49	0.00
49.90	8.73	8.49	0.00	55.60	8.73	8.49	0.00
50.00	8.73	8.49	0.00	55.70	8.73	8.49	0.00
50.10	8.73	8.49	0.00	55.80	8.73	8.49	0.00
50.20	8.73	8.49	0.00	55.90	8.73	8.49	0.00
50.30	8.73	8.49	0.00	56.00	8.73	8.49	0.00
50.40	8.73	8.49	0.00	56.10	8.73	8.49	0.00
50.50	8.73	8.49	0.00	56.20	8.73	8.49	0.00
50.60	8.73	8.49	0.00	56.30	8.73	8.49	0.00
50.70	8.73	8.49	0.00	56.40	8.73	8.49	0.00
50.80	8.73	8.49	0.00	56.50	8.73	8.49	0.00
50.90	8.73	8.49	0.00	56.60	8.73	8.49	0.00
51.00	8.73	8.49	0.00	56.70	8.73	8.49	0.00
51.10	8.73	8.49	0.00	56.80	8.73	8.49	0.00
51.20	8.73	8.49	0.00	56.90	8.73	8.49	0.00

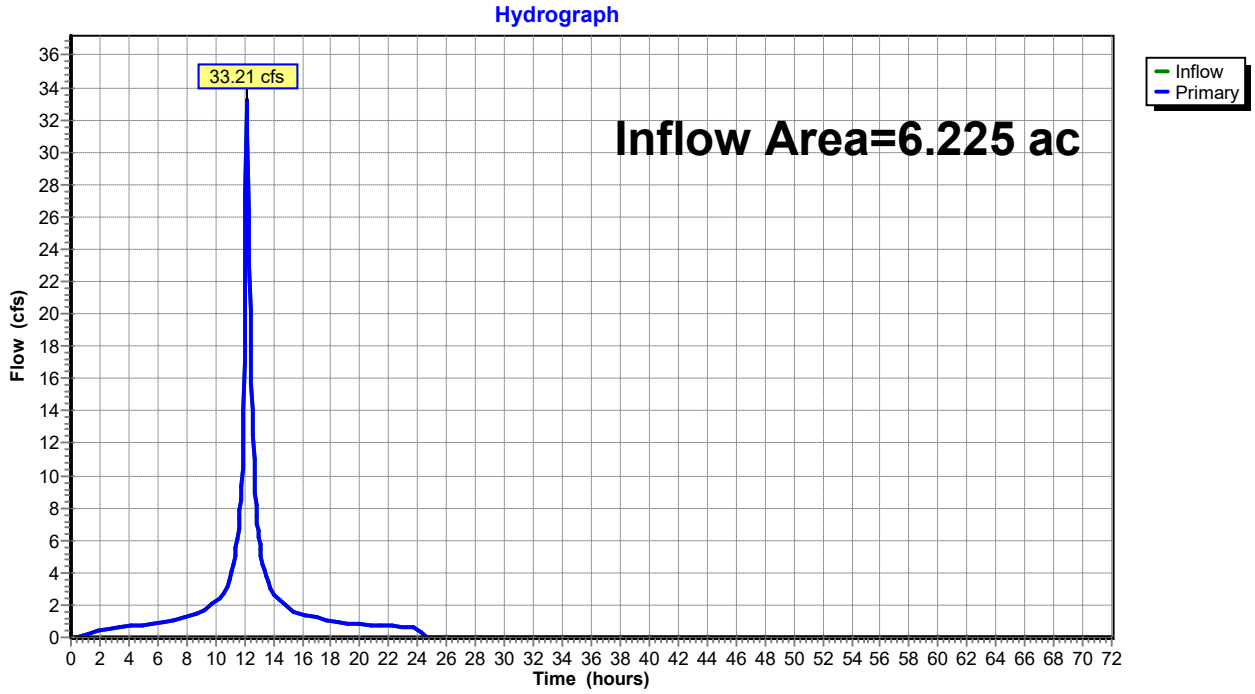
Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	8.73	8.49	0.00	62.70	8.73	8.49	0.00
57.10	8.73	8.49	0.00	62.80	8.73	8.49	0.00
57.20	8.73	8.49	0.00	62.90	8.73	8.49	0.00
57.30	8.73	8.49	0.00	63.00	8.73	8.49	0.00
57.40	8.73	8.49	0.00	63.10	8.73	8.49	0.00
57.50	8.73	8.49	0.00	63.20	8.73	8.49	0.00
57.60	8.73	8.49	0.00	63.30	8.73	8.49	0.00
57.70	8.73	8.49	0.00	63.40	8.73	8.49	0.00
57.80	8.73	8.49	0.00	63.50	8.73	8.49	0.00
57.90	8.73	8.49	0.00	63.60	8.73	8.49	0.00
58.00	8.73	8.49	0.00	63.70	8.73	8.49	0.00
58.10	8.73	8.49	0.00	63.80	8.73	8.49	0.00
58.20	8.73	8.49	0.00	63.90	8.73	8.49	0.00
58.30	8.73	8.49	0.00	64.00	8.73	8.49	0.00
58.40	8.73	8.49	0.00	64.10	8.73	8.49	0.00
58.50	8.73	8.49	0.00	64.20	8.73	8.49	0.00
58.60	8.73	8.49	0.00	64.30	8.73	8.49	0.00
58.70	8.73	8.49	0.00	64.40	8.73	8.49	0.00
58.80	8.73	8.49	0.00	64.50	8.73	8.49	0.00
58.90	8.73	8.49	0.00	64.60	8.73	8.49	0.00
59.00	8.73	8.49	0.00	64.70	8.73	8.49	0.00
59.10	8.73	8.49	0.00	64.80	8.73	8.49	0.00
59.20	8.73	8.49	0.00	64.90	8.73	8.49	0.00
59.30	8.73	8.49	0.00	65.00	8.73	8.49	0.00
59.40	8.73	8.49	0.00	65.10	8.73	8.49	0.00
59.50	8.73	8.49	0.00	65.20	8.73	8.49	0.00
59.60	8.73	8.49	0.00	65.30	8.73	8.49	0.00
59.70	8.73	8.49	0.00	65.40	8.73	8.49	0.00
59.80	8.73	8.49	0.00	65.50	8.73	8.49	0.00
59.90	8.73	8.49	0.00	65.60	8.73	8.49	0.00
60.00	8.73	8.49	0.00	65.70	8.73	8.49	0.00
60.10	8.73	8.49	0.00	65.80	8.73	8.49	0.00
60.20	8.73	8.49	0.00	65.90	8.73	8.49	0.00
60.30	8.73	8.49	0.00	66.00	8.73	8.49	0.00
60.40	8.73	8.49	0.00	66.10	8.73	8.49	0.00
60.50	8.73	8.49	0.00	66.20	8.73	8.49	0.00
60.60	8.73	8.49	0.00	66.30	8.73	8.49	0.00
60.70	8.73	8.49	0.00	66.40	8.73	8.49	0.00
60.80	8.73	8.49	0.00	66.50	8.73	8.49	0.00
60.90	8.73	8.49	0.00	66.60	8.73	8.49	0.00
61.00	8.73	8.49	0.00	66.70	8.73	8.49	0.00
61.10	8.73	8.49	0.00	66.80	8.73	8.49	0.00
61.20	8.73	8.49	0.00	66.90	8.73	8.49	0.00
61.30	8.73	8.49	0.00	67.00	8.73	8.49	0.00
61.40	8.73	8.49	0.00	67.10	8.73	8.49	0.00
61.50	8.73	8.49	0.00	67.20	8.73	8.49	0.00
61.60	8.73	8.49	0.00	67.30	8.73	8.49	0.00
61.70	8.73	8.49	0.00	67.40	8.73	8.49	0.00
61.80	8.73	8.49	0.00	67.50	8.73	8.49	0.00
61.90	8.73	8.49	0.00	67.60	8.73	8.49	0.00
62.00	8.73	8.49	0.00	67.70	8.73	8.49	0.00
62.10	8.73	8.49	0.00	67.80	8.73	8.49	0.00
62.20	8.73	8.49	0.00	67.90	8.73	8.49	0.00
62.30	8.73	8.49	0.00	68.00	8.73	8.49	0.00
62.40	8.73	8.49	0.00	68.10	8.73	8.49	0.00
62.50	8.73	8.49	0.00	68.20	8.73	8.49	0.00
62.60	8.73	8.49	0.00	68.30	8.73	8.49	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	8.73	8.49	0.00
68.50	8.73	8.49	0.00
68.60	8.73	8.49	0.00
68.70	8.73	8.49	0.00
68.80	8.73	8.49	0.00
68.90	8.73	8.49	0.00
69.00	8.73	8.49	0.00
69.10	8.73	8.49	0.00
69.20	8.73	8.49	0.00
69.30	8.73	8.49	0.00
69.40	8.73	8.49	0.00
69.50	8.73	8.49	0.00
69.60	8.73	8.49	0.00
69.70	8.73	8.49	0.00
69.80	8.73	8.49	0.00
69.90	8.73	8.49	0.00
70.00	8.73	8.49	0.00
70.10	8.73	8.49	0.00
70.20	8.73	8.49	0.00
70.30	8.73	8.49	0.00
70.40	8.73	8.49	0.00
70.50	8.73	8.49	0.00
70.60	8.73	8.49	0.00
70.70	8.73	8.49	0.00
70.80	8.73	8.49	0.00
70.90	8.73	8.49	0.00
71.00	8.73	8.49	0.00
71.10	8.73	8.49	0.00
71.20	8.73	8.49	0.00
71.30	8.73	8.49	0.00
71.40	8.73	8.49	0.00
71.50	8.73	8.49	0.00
71.60	8.73	8.49	0.00
71.70	8.73	8.49	0.00
71.80	8.73	8.49	0.00
71.90	8.73	8.49	0.00
72.00	8.73	8.49	0.00

Link 8L: POA-1


Hydrograph
33.21 cfs
Inflow Area=6.225 ac
Inflow
Primary
Flow (cfs)
Time (hours)

Hydrograph for Link 8L: POA-1

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.81	0.00	0.81
0.10	0.00	0.00	0.00	5.80	0.82	0.00	0.82
0.20	0.00	0.00	0.00	5.90	0.83	0.00	0.83
0.30	0.00	0.00	0.00	6.00	0.83	0.00	0.83
0.40	0.00	0.00	0.00	6.10	0.84	0.00	0.84
0.50	0.00	0.00	0.00	6.20	0.86	0.00	0.86
0.60	0.02	0.00	0.02	6.30	0.88	0.00	0.88
0.70	0.05	0.00	0.05	6.40	0.90	0.00	0.90
0.80	0.08	0.00	0.08	6.50	0.92	0.00	0.92
0.90	0.12	0.00	0.12	6.60	0.94	0.00	0.94
1.00	0.16	0.00	0.16	6.70	0.97	0.00	0.97
1.10	0.20	0.00	0.20	6.80	0.99	0.00	0.99
1.20	0.23	0.00	0.23	6.90	1.01	0.00	1.01
1.30	0.26	0.00	0.26	7.00	1.04	0.00	1.04
1.40	0.29	0.00	0.29	7.10	1.06	0.00	1.06
1.50	0.32	0.00	0.32	7.20	1.08	0.00	1.08
1.60	0.34	0.00	0.34	7.30	1.11	0.00	1.11
1.70	0.37	0.00	0.37	7.40	1.13	0.00	1.13
1.80	0.39	0.00	0.39	7.50	1.16	0.00	1.16
1.90	0.41	0.00	0.41	7.60	1.18	0.00	1.18
2.00	0.43	0.00	0.43	7.70	1.20	0.00	1.20
2.10	0.44	0.00	0.44	7.80	1.23	0.00	1.23
2.20	0.46	0.00	0.46	7.90	1.25	0.00	1.25
2.30	0.48	0.00	0.48	8.00	1.27	0.00	1.27
2.40	0.49	0.00	0.49	8.10	1.30	0.00	1.30
2.50	0.51	0.00	0.51	8.20	1.32	0.00	1.32
2.60	0.52	0.00	0.52	8.30	1.34	0.00	1.34
2.70	0.54	0.00	0.54	8.40	1.36	0.00	1.36
2.80	0.55	0.00	0.55	8.50	1.39	0.00	1.39
2.90	0.56	0.00	0.56	8.60	1.41	0.00	1.41
3.00	0.57	0.00	0.57	8.70	1.44	0.00	1.44
3.10	0.58	0.00	0.58	8.80	1.46	0.00	1.46
3.20	0.60	0.00	0.60	8.90	1.48	0.00	1.48
3.30	0.61	0.00	0.61	9.00	1.50	0.00	1.50
3.40	0.62	0.00	0.62	9.10	1.54	0.00	1.54
3.50	0.63	0.00	0.63	9.20	1.59	0.00	1.59
3.60	0.64	0.00	0.64	9.30	1.66	0.00	1.66
3.70	0.65	0.00	0.65	9.40	1.73	0.00	1.73
3.80	0.66	0.00	0.66	9.50	1.81	0.00	1.81
3.90	0.67	0.00	0.67	9.60	1.89	0.00	1.89
4.00	0.68	0.00	0.68	9.70	1.96	0.00	1.96
4.10	0.69	0.00	0.69	9.80	2.04	0.00	2.04
4.20	0.70	0.00	0.70	9.90	2.13	0.00	2.13
4.30	0.70	0.00	0.70	10.00	2.21	0.00	2.21
4.40	0.71	0.00	0.71	10.10	2.29	0.00	2.29
4.50	0.72	0.00	0.72	10.20	2.37	0.00	2.37
4.60	0.73	0.00	0.73	10.30	2.45	0.00	2.45
4.70	0.74	0.00	0.74	10.40	2.53	0.00	2.53
4.80	0.74	0.00	0.74	10.50	2.61	0.00	2.61
4.90	0.75	0.00	0.75	10.60	2.73	0.00	2.73
5.00	0.76	0.00	0.76	10.70	2.92	0.00	2.92
5.10	0.77	0.00	0.77	10.80	3.16	0.00	3.16
5.20	0.78	0.00	0.78	10.90	3.43	0.00	3.43
5.30	0.78	0.00	0.78	11.00	3.71	0.00	3.71
5.40	0.79	0.00	0.79	11.10	4.03	0.00	4.03
5.50	0.80	0.00	0.80	11.20	4.44	0.00	4.44
5.60	0.81	0.00	0.81	11.30	4.90	0.00	4.90

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	5.39	0.00	5.39	17.10	1.20	0.00	1.20
11.50	5.89	0.00	5.89	17.20	1.17	0.00	1.17
11.60	6.72	0.00	6.72	17.30	1.15	0.00	1.15
11.70	7.89	0.00	7.89	17.40	1.13	0.00	1.13
11.80	9.33	0.00	9.33	17.50	1.10	0.00	1.10
11.90	11.98	0.00	11.98	17.60	1.08	0.00	1.08
12.00	17.23	0.00	17.23	17.70	1.06	0.00	1.06
12.10	27.48	0.00	27.48	17.80	1.03	0.00	1.03
12.20	**32.81**	0.00	**32.81**	17.90	1.01	0.00	1.01
12.30	26.16	0.00	26.16	18.00	0.99	0.00	0.99
12.40	20.20	0.00	20.20	18.10	0.96	0.00	0.96
12.50	15.72	0.00	15.72	18.20	0.94	0.00	0.94
12.60	12.50	0.00	12.50	18.30	0.93	0.00	0.93
12.70	9.84	0.00	9.84	18.40	0.92	0.00	0.92
12.80	8.13	0.00	8.13	18.50	0.91	0.00	0.91
12.90	7.00	0.00	7.00	18.60	0.90	0.00	0.90
13.00	6.15	0.00	6.15	18.70	0.90	0.00	0.90
13.10	5.43	0.00	5.43	18.80	0.89	0.00	0.89
13.20	4.87	0.00	4.87	18.90	0.89	0.00	0.89
13.30	4.44	0.00	4.44	19.00	0.88	0.00	0.88
13.40	4.08	0.00	4.08	19.10	0.87	0.00	0.87
13.50	3.74	0.00	3.74	19.20	0.87	0.00	0.87
13.60	3.42	0.00	3.42	19.30	0.86	0.00	0.86
13.70	3.15	0.00	3.15	19.40	0.86	0.00	0.86
13.80	2.96	0.00	2.96	19.50	0.85	0.00	0.85
13.90	2.82	0.00	2.82	19.60	0.84	0.00	0.84
14.00	2.70	0.00	2.70	19.70	0.84	0.00	0.84
14.10	2.61	0.00	2.61	19.80	0.83	0.00	0.83
14.20	2.52	0.00	2.52	19.90	0.83	0.00	0.83
14.30	2.43	0.00	2.43	20.00	0.82	0.00	0.82
14.40	2.35	0.00	2.35	20.10	0.82	0.00	0.82
14.50	2.26	0.00	2.26	20.20	0.81	0.00	0.81
14.60	2.18	0.00	2.18	20.30	0.80	0.00	0.80
14.70	2.10	0.00	2.10	20.40	0.80	0.00	0.80
14.80	2.02	0.00	2.02	20.50	0.79	0.00	0.79
14.90	1.94	0.00	1.94	20.60	0.79	0.00	0.79
15.00	1.85	0.00	1.85	20.70	0.78	0.00	0.78
15.10	1.77	0.00	1.77	20.80	0.77	0.00	0.77
15.20	1.70	0.00	1.70	20.90	0.77	0.00	0.77
15.30	1.65	0.00	1.65	21.00	0.76	0.00	0.76
15.40	1.61	0.00	1.61	21.10	0.76	0.00	0.76
15.50	1.58	0.00	1.58	21.20	0.75	0.00	0.75
15.60	1.55	0.00	1.55	21.30	0.74	0.00	0.74
15.70	1.52	0.00	1.52	21.40	0.74	0.00	0.74
15.80	1.50	0.00	1.50	21.50	0.73	0.00	0.73
15.90	1.48	0.00	1.48	21.60	0.73	0.00	0.73
16.00	1.45	0.00	1.45	21.70	0.72	0.00	0.72
16.10	1.43	0.00	1.43	21.80	0.72	0.00	0.72
16.20	1.41	0.00	1.41	21.90	0.71	0.00	0.71
16.30	1.38	0.00	1.38	22.00	0.71	0.00	0.71
16.40	1.36	0.00	1.36	22.10	0.70	0.00	0.70
16.50	1.34	0.00	1.34	22.20	0.69	0.00	0.69
16.60	1.31	0.00	1.31	22.30	0.69	0.00	0.69
16.70	1.29	0.00	1.29	22.40	0.68	0.00	0.68
16.80	1.27	0.00	1.27	22.50	0.67	0.00	0.67
16.90	1.24	0.00	1.24	22.60	0.67	0.00	0.67
17.00	1.22	0.00	1.22	22.70	0.66	0.00	0.66

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.66	0.00	0.66	28.50	0.00	0.00	0.00
22.90	0.65	0.00	0.65	28.60	0.00	0.00	0.00
23.00	0.65	0.00	0.65	28.70	0.00	0.00	0.00
23.10	0.64	0.00	0.64	28.80	0.00	0.00	0.00
23.20	0.63	0.00	0.63	28.90	0.00	0.00	0.00
23.30	0.63	0.00	0.63	29.00	0.00	0.00	0.00
23.40	0.62	0.00	0.62	29.10	0.00	0.00	0.00
23.50	0.62	0.00	0.62	29.20	0.00	0.00	0.00
23.60	0.61	0.00	0.61	29.30	0.00	0.00	0.00
23.70	0.61	0.00	0.61	29.40	0.00	0.00	0.00
23.80	0.60	0.00	0.60	29.50	0.00	0.00	0.00
23.90	0.59	0.00	0.59	29.60	0.00	0.00	0.00
24.00	0.59	0.00	0.59	29.70	0.00	0.00	0.00
24.10	0.48	0.00	0.48	29.80	0.00	0.00	0.00
24.20	0.27	0.00	0.27	29.90	0.00	0.00	0.00
24.30	0.15	0.00	0.15	30.00	0.00	0.00	0.00
24.40	0.08	0.00	0.08	30.10	0.00	0.00	0.00
24.50	0.04	0.00	0.04	30.20	0.00	0.00	0.00
24.60	0.02	0.00	0.02	30.30	0.00	0.00	0.00
24.70	0.01	0.00	0.01	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

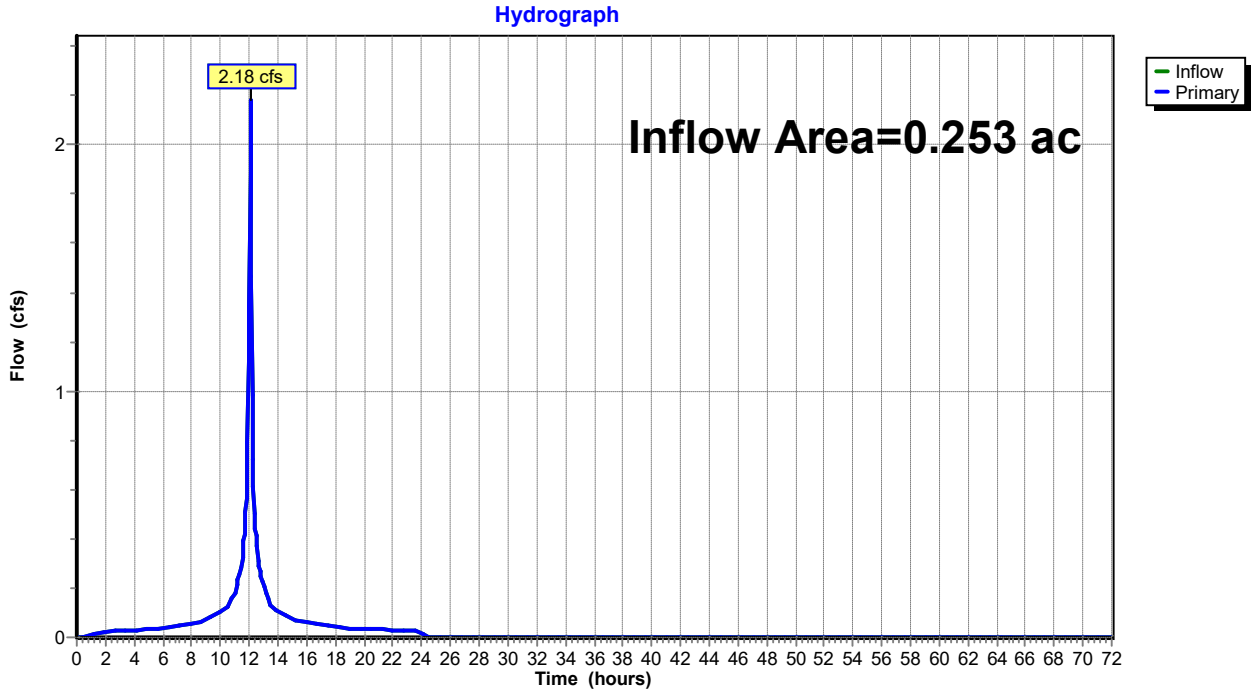
Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Link 10L: POA-2



Hydrograph for Link 10L: POA-2

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.04	0.00	0.04
0.10	0.00	0.00	0.00	5.80	0.04	0.00	0.04
0.20	0.00	0.00	0.00	5.90	0.04	0.00	0.04
0.30	0.00	0.00	0.00	6.00	0.04	0.00	0.04
0.40	0.00	0.00	0.00	6.10	0.04	0.00	0.04
0.50	0.00	0.00	0.00	6.20	0.04	0.00	0.04
0.60	0.00	0.00	0.00	6.30	0.04	0.00	0.04
0.70	0.00	0.00	0.00	6.40	0.04	0.00	0.04
0.80	0.01	0.00	0.01	6.50	0.04	0.00	0.04
0.90	0.01	0.00	0.01	6.60	0.04	0.00	0.04
1.00	0.01	0.00	0.01	6.70	0.04	0.00	0.04
1.10	0.01	0.00	0.01	6.80	0.05	0.00	0.05
1.20	0.01	0.00	0.01	6.90	0.05	0.00	0.05
1.30	0.01	0.00	0.01	7.00	0.05	0.00	0.05
1.40	0.01	0.00	0.01	7.10	0.05	0.00	0.05
1.50	0.02	0.00	0.02	7.20	0.05	0.00	0.05
1.60	0.02	0.00	0.02	7.30	0.05	0.00	0.05
1.70	0.02	0.00	0.02	7.40	0.05	0.00	0.05
1.80	0.02	0.00	0.02	7.50	0.05	0.00	0.05
1.90	0.02	0.00	0.02	7.60	0.05	0.00	0.05
2.00	0.02	0.00	0.02	7.70	0.05	0.00	0.05
2.10	0.02	0.00	0.02	7.80	0.06	0.00	0.06
2.20	0.02	0.00	0.02	7.90	0.06	0.00	0.06
2.30	0.02	0.00	0.02	8.00	0.06	0.00	0.06
2.40	0.02	0.00	0.02	8.10	0.06	0.00	0.06
2.50	0.02	0.00	0.02	8.20	0.06	0.00	0.06
2.60	0.02	0.00	0.02	8.30	0.06	0.00	0.06
2.70	0.02	0.00	0.02	8.40	0.06	0.00	0.06
2.80	0.02	0.00	0.02	8.50	0.06	0.00	0.06
2.90	0.03	0.00	0.03	8.60	0.06	0.00	0.06
3.00	0.03	0.00	0.03	8.70	0.06	0.00	0.06
3.10	0.03	0.00	0.03	8.80	0.07	0.00	0.07
3.20	0.03	0.00	0.03	8.90	0.07	0.00	0.07
3.30	0.03	0.00	0.03	9.00	0.07	0.00	0.07
3.40	0.03	0.00	0.03	9.10	0.07	0.00	0.07
3.50	0.03	0.00	0.03	9.20	0.07	0.00	0.07
3.60	0.03	0.00	0.03	9.30	0.08	0.00	0.08
3.70	0.03	0.00	0.03	9.40	0.08	0.00	0.08
3.80	0.03	0.00	0.03	9.50	0.08	0.00	0.08
3.90	0.03	0.00	0.03	9.60	0.09	0.00	0.09
4.00	0.03	0.00	0.03	9.70	0.09	0.00	0.09
4.10	0.03	0.00	0.03	9.80	0.10	0.00	0.10
4.20	0.03	0.00	0.03	9.90	0.10	0.00	0.10
4.30	0.03	0.00	0.03	10.00	0.10	0.00	0.10
4.40	0.03	0.00	0.03	10.10	0.11	0.00	0.11
4.50	0.03	0.00	0.03	10.20	0.11	0.00	0.11
4.60	0.03	0.00	0.03	10.30	0.11	0.00	0.11
4.70	0.03	0.00	0.03	10.40	0.12	0.00	0.12
4.80	0.03	0.00	0.03	10.50	0.12	0.00	0.12
4.90	0.03	0.00	0.03	10.60	0.13	0.00	0.13
5.00	0.03	0.00	0.03	10.70	0.14	0.00	0.14
5.10	0.03	0.00	0.03	10.80	0.16	0.00	0.16
5.20	0.03	0.00	0.03	10.90	0.17	0.00	0.17
5.30	0.03	0.00	0.03	11.00	0.18	0.00	0.18
5.40	0.04	0.00	0.04	11.10	0.21	0.00	0.21
5.50	0.04	0.00	0.04	11.20	0.23	0.00	0.23
5.60	0.04	0.00	0.04	11.30	0.25	0.00	0.25

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	0.27	0.00	0.27	17.10	0.05	0.00	0.05
11.50	0.30	0.00	0.30	17.20	0.05	0.00	0.05
11.60	0.39	0.00	0.39	17.30	0.05	0.00	0.05
11.70	0.42	0.00	0.42	17.40	0.05	0.00	0.05
11.80	0.57	0.00	0.57	17.50	0.05	0.00	0.05
11.90	0.79	0.00	0.79	17.60	0.04	0.00	0.04
12.00	1.34	0.00	1.34	17.70	0.04	0.00	0.04
12.10	**2.16**	0.00	**2.16**	17.80	0.04	0.00	0.04
12.20	0.98	0.00	0.98	17.90	0.04	0.00	0.04
12.30	0.61	0.00	0.61	18.00	0.04	0.00	0.04
12.40	0.44	0.00	0.44	18.10	0.04	0.00	0.04
12.50	0.40	0.00	0.40	18.20	0.04	0.00	0.04
12.60	0.31	0.00	0.31	18.30	0.04	0.00	0.04
12.70	0.28	0.00	0.28	18.40	0.04	0.00	0.04
12.80	0.26	0.00	0.26	18.50	0.04	0.00	0.04
12.90	0.23	0.00	0.23	18.60	0.04	0.00	0.04
13.00	0.21	0.00	0.21	18.70	0.04	0.00	0.04
13.10	0.19	0.00	0.19	18.80	0.04	0.00	0.04
13.20	0.17	0.00	0.17	18.90	0.04	0.00	0.04
13.30	0.16	0.00	0.16	19.00	0.04	0.00	0.04
13.40	0.15	0.00	0.15	19.10	0.04	0.00	0.04
13.50	0.14	0.00	0.14	19.20	0.04	0.00	0.04
13.60	0.12	0.00	0.12	19.30	0.04	0.00	0.04
13.70	0.12	0.00	0.12	19.40	0.04	0.00	0.04
13.80	0.11	0.00	0.11	19.50	0.04	0.00	0.04
13.90	0.11	0.00	0.11	19.60	0.04	0.00	0.04
14.00	0.11	0.00	0.11	19.70	0.04	0.00	0.04
14.10	0.10	0.00	0.10	19.80	0.03	0.00	0.03
14.20	0.10	0.00	0.10	19.90	0.03	0.00	0.03
14.30	0.10	0.00	0.10	20.00	0.03	0.00	0.03
14.40	0.09	0.00	0.09	20.10	0.03	0.00	0.03
14.50	0.09	0.00	0.09	20.20	0.03	0.00	0.03
14.60	0.09	0.00	0.09	20.30	0.03	0.00	0.03
14.70	0.08	0.00	0.08	20.40	0.03	0.00	0.03
14.80	0.08	0.00	0.08	20.50	0.03	0.00	0.03
14.90	0.08	0.00	0.08	20.60	0.03	0.00	0.03
15.00	0.07	0.00	0.07	20.70	0.03	0.00	0.03
15.10	0.07	0.00	0.07	20.80	0.03	0.00	0.03
15.20	0.07	0.00	0.07	20.90	0.03	0.00	0.03
15.30	0.07	0.00	0.07	21.00	0.03	0.00	0.03
15.40	0.07	0.00	0.07	21.10	0.03	0.00	0.03
15.50	0.06	0.00	0.06	21.20	0.03	0.00	0.03
15.60	0.06	0.00	0.06	21.30	0.03	0.00	0.03
15.70	0.06	0.00	0.06	21.40	0.03	0.00	0.03
15.80	0.06	0.00	0.06	21.50	0.03	0.00	0.03
15.90	0.06	0.00	0.06	21.60	0.03	0.00	0.03
16.00	0.06	0.00	0.06	21.70	0.03	0.00	0.03
16.10	0.06	0.00	0.06	21.80	0.03	0.00	0.03
16.20	0.06	0.00	0.06	21.90	0.03	0.00	0.03
16.30	0.06	0.00	0.06	22.00	0.03	0.00	0.03
16.40	0.06	0.00	0.06	22.10	0.03	0.00	0.03
16.50	0.05	0.00	0.05	22.20	0.03	0.00	0.03
16.60	0.05	0.00	0.05	22.30	0.03	0.00	0.03
16.70	0.05	0.00	0.05	22.40	0.03	0.00	0.03
16.80	0.05	0.00	0.05	22.50	0.03	0.00	0.03
16.90	0.05	0.00	0.05	22.60	0.03	0.00	0.03
17.00	0.05	0.00	0.05	22.70	0.03	0.00	0.03

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.03	0.00	0.03	28.50	0.00	0.00	0.00
22.90	0.03	0.00	0.03	28.60	0.00	0.00	0.00
23.00	0.03	0.00	0.03	28.70	0.00	0.00	0.00
23.10	0.03	0.00	0.03	28.80	0.00	0.00	0.00
23.20	0.03	0.00	0.03	28.90	0.00	0.00	0.00
23.30	0.03	0.00	0.03	29.00	0.00	0.00	0.00
23.40	0.03	0.00	0.03	29.10	0.00	0.00	0.00
23.50	0.03	0.00	0.03	29.20	0.00	0.00	0.00
23.60	0.03	0.00	0.03	29.30	0.00	0.00	0.00
23.70	0.03	0.00	0.03	29.40	0.00	0.00	0.00
23.80	0.02	0.00	0.02	29.50	0.00	0.00	0.00
23.90	0.02	0.00	0.02	29.60	0.00	0.00	0.00
24.00	0.02	0.00	0.02	29.70	0.00	0.00	0.00
24.10	0.00	0.00	0.00	29.80	0.00	0.00	0.00
24.20	0.00	0.00	0.00	29.90	0.00	0.00	0.00
24.30	0.00	0.00	0.00	30.00	0.00	0.00	0.00
24.40	0.00	0.00	0.00	30.10	0.00	0.00	0.00
24.50	0.00	0.00	0.00	30.20	0.00	0.00	0.00
24.60	0.00	0.00	0.00	30.30	0.00	0.00	0.00
24.70	0.00	0.00	0.00	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

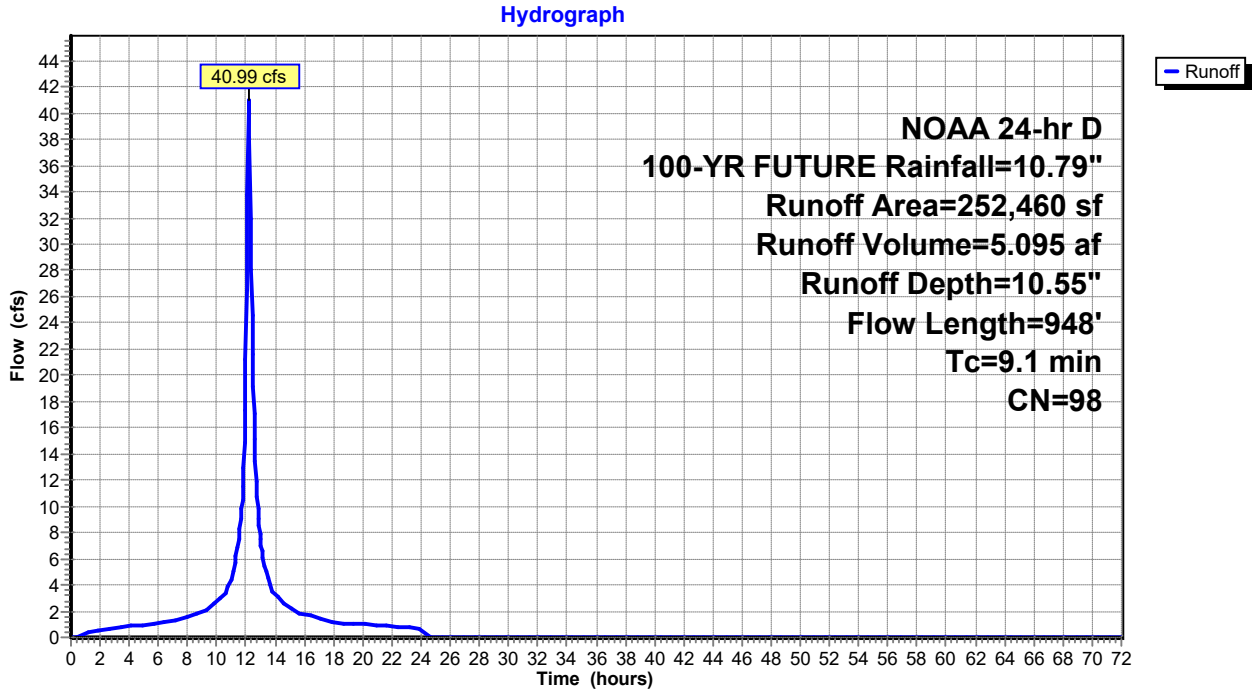
Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Subcatchment 6S: PDA 2-Impervious



Hydrograph for Subcatchment 6S: PDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.86	0.66	1.02
0.10	0.01	0.00	0.00	5.80	0.88	0.68	1.03
0.20	0.02	0.00	0.00	5.90	0.90	0.70	1.04
0.30	0.04	0.00	0.00	6.00	0.92	0.71	1.05
0.40	0.05	0.00	0.00	6.10	0.94	0.73	1.06
0.50	0.06	0.00	0.02	6.20	0.96	0.75	1.08
0.60	0.07	0.00	0.06	6.30	0.98	0.77	1.10
0.70	0.09	0.01	0.11	6.40	1.00	0.79	1.13
0.80	0.10	0.01	0.16	6.50	1.02	0.81	1.16
0.90	0.11	0.02	0.22	6.60	1.04	0.83	1.18
1.00	0.12	0.02	0.27	6.70	1.07	0.86	1.21
1.10	0.14	0.03	0.31	6.80	1.09	0.88	1.24
1.20	0.15	0.04	0.36	6.90	1.11	0.90	1.27
1.30	0.16	0.05	0.39	7.00	1.14	0.92	1.30
1.40	0.18	0.05	0.43	7.10	1.16	0.95	1.33
1.50	0.19	0.06	0.46	7.20	1.19	0.97	1.36
1.60	0.20	0.07	0.49	7.30	1.21	1.00	1.38
1.70	0.22	0.08	0.52	7.40	1.24	1.02	1.41
1.80	0.23	0.09	0.54	7.50	1.26	1.05	1.44
1.90	0.24	0.10	0.56	7.60	1.29	1.07	1.47
2.00	0.26	0.11	0.59	7.70	1.32	1.10	1.50
2.10	0.27	0.12	0.61	7.80	1.34	1.13	1.53
2.20	0.29	0.14	0.63	7.90	1.37	1.15	1.56
2.30	0.30	0.15	0.65	8.00	1.40	1.18	1.58
2.40	0.32	0.16	0.66	8.10	1.43	1.21	1.61
2.50	0.33	0.17	0.68	8.20	1.46	1.24	1.64
2.60	0.35	0.18	0.69	8.30	1.49	1.27	1.67
2.70	0.36	0.20	0.71	8.40	1.52	1.30	1.70
2.80	0.38	0.21	0.72	8.50	1.55	1.33	1.73
2.90	0.39	0.22	0.74	8.60	1.58	1.36	1.76
3.00	0.41	0.23	0.75	8.70	1.61	1.39	1.79
3.10	0.42	0.25	0.76	8.80	1.65	1.42	1.82
3.20	0.44	0.26	0.78	8.90	1.68	1.46	1.84
3.30	0.45	0.28	0.79	9.00	1.71	1.49	1.87
3.40	0.47	0.29	0.80	9.10	1.75	1.52	1.91
3.50	0.48	0.30	0.81	9.20	1.78	1.56	1.98
3.60	0.50	0.32	0.83	9.30	1.82	1.60	2.06
3.70	0.52	0.33	0.84	9.40	1.86	1.64	2.15
3.80	0.53	0.35	0.85	9.50	1.90	1.68	2.24
3.90	0.55	0.36	0.86	9.60	1.95	1.72	2.34
4.00	0.57	0.38	0.87	9.70	1.99	1.77	2.44
4.10	0.58	0.39	0.88	9.80	2.04	1.81	2.54
4.20	0.60	0.41	0.89	9.90	2.09	1.86	2.64
4.30	0.62	0.42	0.90	10.00	2.14	1.91	2.74
4.40	0.63	0.44	0.91	10.10	2.19	1.96	2.84
4.50	0.65	0.46	0.92	10.20	2.24	2.02	2.94
4.60	0.67	0.47	0.93	10.30	2.30	2.07	3.04
4.70	0.68	0.49	0.94	10.40	2.36	2.13	3.14
4.80	0.70	0.51	0.94	10.50	2.42	2.19	3.24
4.90	0.72	0.52	0.95	10.60	2.48	2.25	3.38
5.00	0.74	0.54	0.96	10.70	2.55	2.32	3.62
5.10	0.76	0.56	0.97	10.80	2.63	2.40	3.92
5.20	0.77	0.57	0.98	10.90	2.71	2.48	4.25
5.30	0.79	0.59	0.99	11.00	2.80	2.57	4.59
5.40	0.81	0.61	1.00	11.10	2.91	2.67	5.00
5.50	0.83	0.63	1.01	11.20	3.02	2.79	5.50
5.60	0.85	0.64	1.02	11.30	3.14	2.91	6.07

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	3.28	3.04	6.67	17.10	9.68	9.44	1.44
11.50	3.42	3.19	7.29	17.20	9.70	9.46	1.41
11.60	3.62	3.38	8.33	17.30	9.72	9.48	1.38
11.70	3.82	3.59	9.77	17.40	9.75	9.50	1.35
11.80	4.10	3.87	11.54	17.50	9.77	9.53	1.32
11.90	4.49	4.26	14.81	17.60	9.79	9.55	1.30
12.00	5.17	4.93	21.24	17.70	9.81	9.57	1.27
12.10	6.30	6.06	**33.75**	17.80	9.83	9.59	1.24
12.20	6.69	6.45	**40.15**	17.90	9.85	9.61	1.21
12.30	6.97	6.73	31.96	18.00	9.87	9.63	1.18
12.40	7.17	6.94	24.63	18.10	9.89	9.65	1.16
12.50	7.37	7.13	19.14	18.20	9.91	9.67	1.13
12.60	7.51	7.28	15.19	18.30	9.93	9.68	1.11
12.70	7.65	7.41	11.95	18.40	9.94	9.70	1.10
12.80	7.77	7.53	9.85	18.50	9.96	9.72	1.09
12.90	7.88	7.64	8.48	18.60	9.98	9.74	1.08
13.00	7.99	7.75	7.44	18.70	10.00	9.76	1.07
13.10	8.08	7.84	6.56	18.80	10.02	9.78	1.07
13.20	8.16	7.92	5.89	18.90	10.03	9.79	1.06
13.30	8.24	8.00	5.37	19.00	10.05	9.81	1.05
13.40	8.31	8.07	4.92	19.10	10.07	9.83	1.05
13.50	8.37	8.13	4.51	19.20	10.09	9.85	1.04
13.60	8.43	8.19	4.13	19.30	10.11	9.86	1.03
13.70	8.49	8.25	3.80	19.40	10.12	9.88	1.03
13.80	8.55	8.31	3.57	19.50	10.14	9.90	1.02
13.90	8.60	8.36	3.40	19.60	10.16	9.92	1.01
14.00	8.65	8.41	3.26	19.70	10.17	9.93	1.00
14.10	8.70	8.46	3.14	19.80	10.19	9.95	1.00
14.20	8.75	8.51	3.03	19.90	10.21	9.97	0.99
14.30	8.80	8.56	2.93	20.00	10.22	9.98	0.98
14.40	8.84	8.60	2.83	20.10	10.24	10.00	0.98
14.50	8.89	8.65	2.73	20.20	10.26	10.02	0.97
14.60	8.93	8.69	2.63	20.30	10.27	10.03	0.96
14.70	8.97	8.73	2.53	20.40	10.29	10.05	0.95
14.80	9.01	8.77	2.43	20.50	10.31	10.06	0.95
14.90	9.04	8.80	2.33	20.60	10.32	10.08	0.94
15.00	9.08	8.84	2.23	20.70	10.34	10.10	0.94
15.10	9.11	8.87	2.13	20.80	10.35	10.11	0.93
15.20	9.14	8.90	2.04	20.90	10.37	10.13	0.92
15.30	9.18	8.94	1.98	21.00	10.38	10.14	0.91
15.40	9.21	8.97	1.93	21.10	10.40	10.16	0.91
15.50	9.24	9.00	1.90	21.20	10.41	10.17	0.90
15.60	9.27	9.03	1.86	21.30	10.43	10.19	0.89
15.70	9.30	9.06	1.83	21.40	10.44	10.20	0.88
15.80	9.33	9.09	1.80	21.50	10.46	10.22	0.88
15.90	9.36	9.12	1.77	21.60	10.47	10.23	0.87
16.00	9.39	9.15	1.74	21.70	10.49	10.25	0.86
16.10	9.42	9.18	1.72	21.80	10.50	10.26	0.86
16.20	9.45	9.21	1.69	21.90	10.52	10.28	0.85
16.30	9.47	9.23	1.66	22.00	10.53	10.29	0.84
16.40	9.50	9.26	1.63	22.10	10.55	10.30	0.84
16.50	9.53	9.29	1.60	22.20	10.56	10.32	0.83
16.60	9.55	9.31	1.58	22.30	10.57	10.33	0.82
16.70	9.58	9.34	1.55	22.40	10.59	10.35	0.81
16.80	9.60	9.36	1.52	22.50	10.60	10.36	0.81
16.90	9.63	9.39	1.49	22.60	10.61	10.37	0.80
17.00	9.65	9.41	1.47	22.70	10.63	10.39	0.79

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	10.64	10.40	0.79	28.50	10.79	10.55	0.00
22.90	10.65	10.41	0.78	28.60	10.79	10.55	0.00
23.00	10.67	10.43	0.77	28.70	10.79	10.55	0.00
23.10	10.68	10.44	0.77	28.80	10.79	10.55	0.00
23.20	10.69	10.45	0.76	28.90	10.79	10.55	0.00
23.30	10.70	10.46	0.75	29.00	10.79	10.55	0.00
23.40	10.72	10.48	0.74	29.10	10.79	10.55	0.00
23.50	10.73	10.49	0.74	29.20	10.79	10.55	0.00
23.60	10.74	10.50	0.73	29.30	10.79	10.55	0.00
23.70	10.75	10.51	0.72	29.40	10.79	10.55	0.00
23.80	10.77	10.53	0.72	29.50	10.79	10.55	0.00
23.90	10.78	10.54	0.71	29.60	10.79	10.55	0.00
24.00	**10.79**	**10.55**	0.70	29.70	10.79	10.55	0.00
24.10	10.79	10.55	0.58	29.80	10.79	10.55	0.00
24.20	10.79	10.55	0.33	29.90	10.79	10.55	0.00
24.30	10.79	10.55	0.18	30.00	10.79	10.55	0.00
24.40	10.79	10.55	0.10	30.10	10.79	10.55	0.00
24.50	10.79	10.55	0.05	30.20	10.79	10.55	0.00
24.60	10.79	10.55	0.02	30.30	10.79	10.55	0.00
24.70	10.79	10.55	0.01	30.40	10.79	10.55	0.00
24.80	10.79	10.55	0.00	30.50	10.79	10.55	0.00
24.90	10.79	10.55	0.00	30.60	10.79	10.55	0.00
25.00	10.79	10.55	0.00	30.70	10.79	10.55	0.00
25.10	10.79	10.55	0.00	30.80	10.79	10.55	0.00
25.20	10.79	10.55	0.00	30.90	10.79	10.55	0.00
25.30	10.79	10.55	0.00	31.00	10.79	10.55	0.00
25.40	10.79	10.55	0.00	31.10	10.79	10.55	0.00
25.50	10.79	10.55	0.00	31.20	10.79	10.55	0.00
25.60	10.79	10.55	0.00	31.30	10.79	10.55	0.00
25.70	10.79	10.55	0.00	31.40	10.79	10.55	0.00
25.80	10.79	10.55	0.00	31.50	10.79	10.55	0.00
25.90	10.79	10.55	0.00	31.60	10.79	10.55	0.00
26.00	10.79	10.55	0.00	31.70	10.79	10.55	0.00
26.10	10.79	10.55	0.00	31.80	10.79	10.55	0.00
26.20	10.79	10.55	0.00	31.90	10.79	10.55	0.00
26.30	10.79	10.55	0.00	32.00	10.79	10.55	0.00
26.40	10.79	10.55	0.00	32.10	10.79	10.55	0.00
26.50	10.79	10.55	0.00	32.20	10.79	10.55	0.00
26.60	10.79	10.55	0.00	32.30	10.79	10.55	0.00
26.70	10.79	10.55	0.00	32.40	10.79	10.55	0.00
26.80	10.79	10.55	0.00	32.50	10.79	10.55	0.00
26.90	10.79	10.55	0.00	32.60	10.79	10.55	0.00
27.00	10.79	10.55	0.00	32.70	10.79	10.55	0.00
27.10	10.79	10.55	0.00	32.80	10.79	10.55	0.00
27.20	10.79	10.55	0.00	32.90	10.79	10.55	0.00
27.30	10.79	10.55	0.00	33.00	10.79	10.55	0.00
27.40	10.79	10.55	0.00	33.10	10.79	10.55	0.00
27.50	10.79	10.55	0.00	33.20	10.79	10.55	0.00
27.60	10.79	10.55	0.00	33.30	10.79	10.55	0.00
27.70	10.79	10.55	0.00	33.40	10.79	10.55	0.00
27.80	10.79	10.55	0.00	33.50	10.79	10.55	0.00
27.90	10.79	10.55	0.00	33.60	10.79	10.55	0.00
28.00	10.79	10.55	0.00	33.70	10.79	10.55	0.00
28.10	10.79	10.55	0.00	33.80	10.79	10.55	0.00
28.20	10.79	10.55	0.00	33.90	10.79	10.55	0.00
28.30	10.79	10.55	0.00	34.00	10.79	10.55	0.00
28.40	10.79	10.55	0.00	34.10	10.79	10.55	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	10.79	10.55	0.00	39.90	10.79	10.55	0.00
34.30	10.79	10.55	0.00	40.00	10.79	10.55	0.00
34.40	10.79	10.55	0.00	40.10	10.79	10.55	0.00
34.50	10.79	10.55	0.00	40.20	10.79	10.55	0.00
34.60	10.79	10.55	0.00	40.30	10.79	10.55	0.00
34.70	10.79	10.55	0.00	40.40	10.79	10.55	0.00
34.80	10.79	10.55	0.00	40.50	10.79	10.55	0.00
34.90	10.79	10.55	0.00	40.60	10.79	10.55	0.00
35.00	10.79	10.55	0.00	40.70	10.79	10.55	0.00
35.10	10.79	10.55	0.00	40.80	10.79	10.55	0.00
35.20	10.79	10.55	0.00	40.90	10.79	10.55	0.00
35.30	10.79	10.55	0.00	41.00	10.79	10.55	0.00
35.40	10.79	10.55	0.00	41.10	10.79	10.55	0.00
35.50	10.79	10.55	0.00	41.20	10.79	10.55	0.00
35.60	10.79	10.55	0.00	41.30	10.79	10.55	0.00
35.70	10.79	10.55	0.00	41.40	10.79	10.55	0.00
35.80	10.79	10.55	0.00	41.50	10.79	10.55	0.00
35.90	10.79	10.55	0.00	41.60	10.79	10.55	0.00
36.00	10.79	10.55	0.00	41.70	10.79	10.55	0.00
36.10	10.79	10.55	0.00	41.80	10.79	10.55	0.00
36.20	10.79	10.55	0.00	41.90	10.79	10.55	0.00
36.30	10.79	10.55	0.00	42.00	10.79	10.55	0.00
36.40	10.79	10.55	0.00	42.10	10.79	10.55	0.00
36.50	10.79	10.55	0.00	42.20	10.79	10.55	0.00
36.60	10.79	10.55	0.00	42.30	10.79	10.55	0.00
36.70	10.79	10.55	0.00	42.40	10.79	10.55	0.00
36.80	10.79	10.55	0.00	42.50	10.79	10.55	0.00
36.90	10.79	10.55	0.00	42.60	10.79	10.55	0.00
37.00	10.79	10.55	0.00	42.70	10.79	10.55	0.00
37.10	10.79	10.55	0.00	42.80	10.79	10.55	0.00
37.20	10.79	10.55	0.00	42.90	10.79	10.55	0.00
37.30	10.79	10.55	0.00	43.00	10.79	10.55	0.00
37.40	10.79	10.55	0.00	43.10	10.79	10.55	0.00
37.50	10.79	10.55	0.00	43.20	10.79	10.55	0.00
37.60	10.79	10.55	0.00	43.30	10.79	10.55	0.00
37.70	10.79	10.55	0.00	43.40	10.79	10.55	0.00
37.80	10.79	10.55	0.00	43.50	10.79	10.55	0.00
37.90	10.79	10.55	0.00	43.60	10.79	10.55	0.00
38.00	10.79	10.55	0.00	43.70	10.79	10.55	0.00
38.10	10.79	10.55	0.00	43.80	10.79	10.55	0.00
38.20	10.79	10.55	0.00	43.90	10.79	10.55	0.00
38.30	10.79	10.55	0.00	44.00	10.79	10.55	0.00
38.40	10.79	10.55	0.00	44.10	10.79	10.55	0.00
38.50	10.79	10.55	0.00	44.20	10.79	10.55	0.00
38.60	10.79	10.55	0.00	44.30	10.79	10.55	0.00
38.70	10.79	10.55	0.00	44.40	10.79	10.55	0.00
38.80	10.79	10.55	0.00	44.50	10.79	10.55	0.00
38.90	10.79	10.55	0.00	44.60	10.79	10.55	0.00
39.00	10.79	10.55	0.00	44.70	10.79	10.55	0.00
39.10	10.79	10.55	0.00	44.80	10.79	10.55	0.00
39.20	10.79	10.55	0.00	44.90	10.79	10.55	0.00
39.30	10.79	10.55	0.00	45.00	10.79	10.55	0.00
39.40	10.79	10.55	0.00	45.10	10.79	10.55	0.00
39.50	10.79	10.55	0.00	45.20	10.79	10.55	0.00
39.60	10.79	10.55	0.00	45.30	10.79	10.55	0.00
39.70	10.79	10.55	0.00	45.40	10.79	10.55	0.00
39.80	10.79	10.55	0.00	45.50	10.79	10.55	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	10.79	10.55	0.00	51.30	10.79	10.55	0.00
45.70	10.79	10.55	0.00	51.40	10.79	10.55	0.00
45.80	10.79	10.55	0.00	51.50	10.79	10.55	0.00
45.90	10.79	10.55	0.00	51.60	10.79	10.55	0.00
46.00	10.79	10.55	0.00	51.70	10.79	10.55	0.00
46.10	10.79	10.55	0.00	51.80	10.79	10.55	0.00
46.20	10.79	10.55	0.00	51.90	10.79	10.55	0.00
46.30	10.79	10.55	0.00	52.00	10.79	10.55	0.00
46.40	10.79	10.55	0.00	52.10	10.79	10.55	0.00
46.50	10.79	10.55	0.00	52.20	10.79	10.55	0.00
46.60	10.79	10.55	0.00	52.30	10.79	10.55	0.00
46.70	10.79	10.55	0.00	52.40	10.79	10.55	0.00
46.80	10.79	10.55	0.00	52.50	10.79	10.55	0.00
46.90	10.79	10.55	0.00	52.60	10.79	10.55	0.00
47.00	10.79	10.55	0.00	52.70	10.79	10.55	0.00
47.10	10.79	10.55	0.00	52.80	10.79	10.55	0.00
47.20	10.79	10.55	0.00	52.90	10.79	10.55	0.00
47.30	10.79	10.55	0.00	53.00	10.79	10.55	0.00
47.40	10.79	10.55	0.00	53.10	10.79	10.55	0.00
47.50	10.79	10.55	0.00	53.20	10.79	10.55	0.00
47.60	10.79	10.55	0.00	53.30	10.79	10.55	0.00
47.70	10.79	10.55	0.00	53.40	10.79	10.55	0.00
47.80	10.79	10.55	0.00	53.50	10.79	10.55	0.00
47.90	10.79	10.55	0.00	53.60	10.79	10.55	0.00
48.00	10.79	10.55	0.00	53.70	10.79	10.55	0.00
48.10	10.79	10.55	0.00	53.80	10.79	10.55	0.00
48.20	10.79	10.55	0.00	53.90	10.79	10.55	0.00
48.30	10.79	10.55	0.00	54.00	10.79	10.55	0.00
48.40	10.79	10.55	0.00	54.10	10.79	10.55	0.00
48.50	10.79	10.55	0.00	54.20	10.79	10.55	0.00
48.60	10.79	10.55	0.00	54.30	10.79	10.55	0.00
48.70	10.79	10.55	0.00	54.40	10.79	10.55	0.00
48.80	10.79	10.55	0.00	54.50	10.79	10.55	0.00
48.90	10.79	10.55	0.00	54.60	10.79	10.55	0.00
49.00	10.79	10.55	0.00	54.70	10.79	10.55	0.00
49.10	10.79	10.55	0.00	54.80	10.79	10.55	0.00
49.20	10.79	10.55	0.00	54.90	10.79	10.55	0.00
49.30	10.79	10.55	0.00	55.00	10.79	10.55	0.00
49.40	10.79	10.55	0.00	55.10	10.79	10.55	0.00
49.50	10.79	10.55	0.00	55.20	10.79	10.55	0.00
49.60	10.79	10.55	0.00	55.30	10.79	10.55	0.00
49.70	10.79	10.55	0.00	55.40	10.79	10.55	0.00
49.80	10.79	10.55	0.00	55.50	10.79	10.55	0.00
49.90	10.79	10.55	0.00	55.60	10.79	10.55	0.00
50.00	10.79	10.55	0.00	55.70	10.79	10.55	0.00
50.10	10.79	10.55	0.00	55.80	10.79	10.55	0.00
50.20	10.79	10.55	0.00	55.90	10.79	10.55	0.00
50.30	10.79	10.55	0.00	56.00	10.79	10.55	0.00
50.40	10.79	10.55	0.00	56.10	10.79	10.55	0.00
50.50	10.79	10.55	0.00	56.20	10.79	10.55	0.00
50.60	10.79	10.55	0.00	56.30	10.79	10.55	0.00
50.70	10.79	10.55	0.00	56.40	10.79	10.55	0.00
50.80	10.79	10.55	0.00	56.50	10.79	10.55	0.00
50.90	10.79	10.55	0.00	56.60	10.79	10.55	0.00
51.00	10.79	10.55	0.00	56.70	10.79	10.55	0.00
51.10	10.79	10.55	0.00	56.80	10.79	10.55	0.00
51.20	10.79	10.55	0.00	56.90	10.79	10.55	0.00

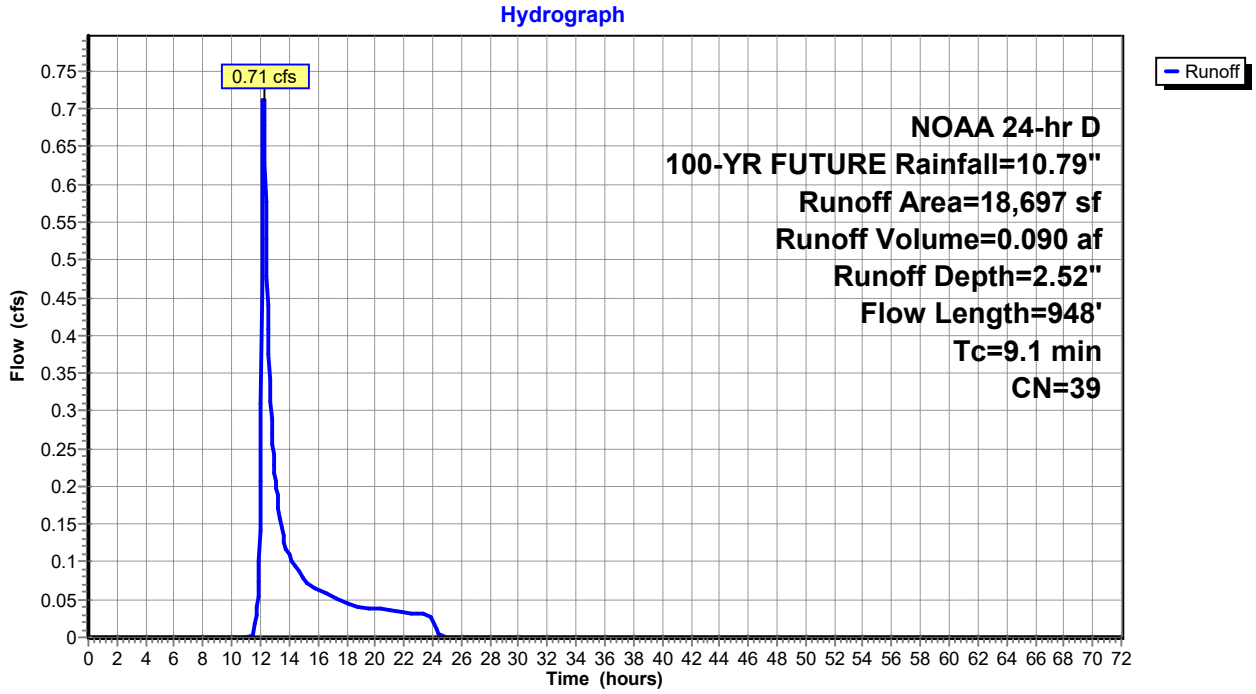
Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	10.79	10.55	0.00	62.70	10.79	10.55	0.00
57.10	10.79	10.55	0.00	62.80	10.79	10.55	0.00
57.20	10.79	10.55	0.00	62.90	10.79	10.55	0.00
57.30	10.79	10.55	0.00	63.00	10.79	10.55	0.00
57.40	10.79	10.55	0.00	63.10	10.79	10.55	0.00
57.50	10.79	10.55	0.00	63.20	10.79	10.55	0.00
57.60	10.79	10.55	0.00	63.30	10.79	10.55	0.00
57.70	10.79	10.55	0.00	63.40	10.79	10.55	0.00
57.80	10.79	10.55	0.00	63.50	10.79	10.55	0.00
57.90	10.79	10.55	0.00	63.60	10.79	10.55	0.00
58.00	10.79	10.55	0.00	63.70	10.79	10.55	0.00
58.10	10.79	10.55	0.00	63.80	10.79	10.55	0.00
58.20	10.79	10.55	0.00	63.90	10.79	10.55	0.00
58.30	10.79	10.55	0.00	64.00	10.79	10.55	0.00
58.40	10.79	10.55	0.00	64.10	10.79	10.55	0.00
58.50	10.79	10.55	0.00	64.20	10.79	10.55	0.00
58.60	10.79	10.55	0.00	64.30	10.79	10.55	0.00
58.70	10.79	10.55	0.00	64.40	10.79	10.55	0.00
58.80	10.79	10.55	0.00	64.50	10.79	10.55	0.00
58.90	10.79	10.55	0.00	64.60	10.79	10.55	0.00
59.00	10.79	10.55	0.00	64.70	10.79	10.55	0.00
59.10	10.79	10.55	0.00	64.80	10.79	10.55	0.00
59.20	10.79	10.55	0.00	64.90	10.79	10.55	0.00
59.30	10.79	10.55	0.00	65.00	10.79	10.55	0.00
59.40	10.79	10.55	0.00	65.10	10.79	10.55	0.00
59.50	10.79	10.55	0.00	65.20	10.79	10.55	0.00
59.60	10.79	10.55	0.00	65.30	10.79	10.55	0.00
59.70	10.79	10.55	0.00	65.40	10.79	10.55	0.00
59.80	10.79	10.55	0.00	65.50	10.79	10.55	0.00
59.90	10.79	10.55	0.00	65.60	10.79	10.55	0.00
60.00	10.79	10.55	0.00	65.70	10.79	10.55	0.00
60.10	10.79	10.55	0.00	65.80	10.79	10.55	0.00
60.20	10.79	10.55	0.00	65.90	10.79	10.55	0.00
60.30	10.79	10.55	0.00	66.00	10.79	10.55	0.00
60.40	10.79	10.55	0.00	66.10	10.79	10.55	0.00
60.50	10.79	10.55	0.00	66.20	10.79	10.55	0.00
60.60	10.79	10.55	0.00	66.30	10.79	10.55	0.00
60.70	10.79	10.55	0.00	66.40	10.79	10.55	0.00
60.80	10.79	10.55	0.00	66.50	10.79	10.55	0.00
60.90	10.79	10.55	0.00	66.60	10.79	10.55	0.00
61.00	10.79	10.55	0.00	66.70	10.79	10.55	0.00
61.10	10.79	10.55	0.00	66.80	10.79	10.55	0.00
61.20	10.79	10.55	0.00	66.90	10.79	10.55	0.00
61.30	10.79	10.55	0.00	67.00	10.79	10.55	0.00
61.40	10.79	10.55	0.00	67.10	10.79	10.55	0.00
61.50	10.79	10.55	0.00	67.20	10.79	10.55	0.00
61.60	10.79	10.55	0.00	67.30	10.79	10.55	0.00
61.70	10.79	10.55	0.00	67.40	10.79	10.55	0.00
61.80	10.79	10.55	0.00	67.50	10.79	10.55	0.00
61.90	10.79	10.55	0.00	67.60	10.79	10.55	0.00
62.00	10.79	10.55	0.00	67.70	10.79	10.55	0.00
62.10	10.79	10.55	0.00	67.80	10.79	10.55	0.00
62.20	10.79	10.55	0.00	67.90	10.79	10.55	0.00
62.30	10.79	10.55	0.00	68.00	10.79	10.55	0.00
62.40	10.79	10.55	0.00	68.10	10.79	10.55	0.00
62.50	10.79	10.55	0.00	68.20	10.79	10.55	0.00
62.60	10.79	10.55	0.00	68.30	10.79	10.55	0.00

Hydrograph for Subcatchment 6S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	10.79	10.55	0.00
68.50	10.79	10.55	0.00
68.60	10.79	10.55	0.00
68.70	10.79	10.55	0.00
68.80	10.79	10.55	0.00
68.90	10.79	10.55	0.00
69.00	10.79	10.55	0.00
69.10	10.79	10.55	0.00
69.20	10.79	10.55	0.00
69.30	10.79	10.55	0.00
69.40	10.79	10.55	0.00
69.50	10.79	10.55	0.00
69.60	10.79	10.55	0.00
69.70	10.79	10.55	0.00
69.80	10.79	10.55	0.00
69.90	10.79	10.55	0.00
70.00	10.79	10.55	0.00
70.10	10.79	10.55	0.00
70.20	10.79	10.55	0.00
70.30	10.79	10.55	0.00
70.40	10.79	10.55	0.00
70.50	10.79	10.55	0.00
70.60	10.79	10.55	0.00
70.70	10.79	10.55	0.00
70.80	10.79	10.55	0.00
70.90	10.79	10.55	0.00
71.00	10.79	10.55	0.00
71.10	10.79	10.55	0.00
71.20	10.79	10.55	0.00
71.30	10.79	10.55	0.00
71.40	10.79	10.55	0.00
71.50	10.79	10.55	0.00
71.60	10.79	10.55	0.00
71.70	10.79	10.55	0.00
71.80	10.79	10.55	0.00
71.90	10.79	10.55	0.00
72.00	10.79	10.55	0.00

Subcatchment 7S: PDA 2-Pervious



Hydrograph for Subcatchment 7S: PDA 2-Pervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.86	0.00	0.00
0.10	0.01	0.00	0.00	5.80	0.88	0.00	0.00
0.20	0.02	0.00	0.00	5.90	0.90	0.00	0.00
0.30	0.04	0.00	0.00	6.00	0.92	0.00	0.00
0.40	0.05	0.00	0.00	6.10	0.94	0.00	0.00
0.50	0.06	0.00	0.00	6.20	0.96	0.00	0.00
0.60	0.07	0.00	0.00	6.30	0.98	0.00	0.00
0.70	0.09	0.00	0.00	6.40	1.00	0.00	0.00
0.80	0.10	0.00	0.00	6.50	1.02	0.00	0.00
0.90	0.11	0.00	0.00	6.60	1.04	0.00	0.00
1.00	0.12	0.00	0.00	6.70	1.07	0.00	0.00
1.10	0.14	0.00	0.00	6.80	1.09	0.00	0.00
1.20	0.15	0.00	0.00	6.90	1.11	0.00	0.00
1.30	0.16	0.00	0.00	7.00	1.14	0.00	0.00
1.40	0.18	0.00	0.00	7.10	1.16	0.00	0.00
1.50	0.19	0.00	0.00	7.20	1.19	0.00	0.00
1.60	0.20	0.00	0.00	7.30	1.21	0.00	0.00
1.70	0.22	0.00	0.00	7.40	1.24	0.00	0.00
1.80	0.23	0.00	0.00	7.50	1.26	0.00	0.00
1.90	0.24	0.00	0.00	7.60	1.29	0.00	0.00
2.00	0.26	0.00	0.00	7.70	1.32	0.00	0.00
2.10	0.27	0.00	0.00	7.80	1.34	0.00	0.00
2.20	0.29	0.00	0.00	7.90	1.37	0.00	0.00
2.30	0.30	0.00	0.00	8.00	1.40	0.00	0.00
2.40	0.32	0.00	0.00	8.10	1.43	0.00	0.00
2.50	0.33	0.00	0.00	8.20	1.46	0.00	0.00
2.60	0.35	0.00	0.00	8.30	1.49	0.00	0.00
2.70	0.36	0.00	0.00	8.40	1.52	0.00	0.00
2.80	0.38	0.00	0.00	8.50	1.55	0.00	0.00
2.90	0.39	0.00	0.00	8.60	1.58	0.00	0.00
3.00	0.41	0.00	0.00	8.70	1.61	0.00	0.00
3.10	0.42	0.00	0.00	8.80	1.65	0.00	0.00
3.20	0.44	0.00	0.00	8.90	1.68	0.00	0.00
3.30	0.45	0.00	0.00	9.00	1.71	0.00	0.00
3.40	0.47	0.00	0.00	9.10	1.75	0.00	0.00
3.50	0.48	0.00	0.00	9.20	1.78	0.00	0.00
3.60	0.50	0.00	0.00	9.30	1.82	0.00	0.00
3.70	0.52	0.00	0.00	9.40	1.86	0.00	0.00
3.80	0.53	0.00	0.00	9.50	1.90	0.00	0.00
3.90	0.55	0.00	0.00	9.60	1.95	0.00	0.00
4.00	0.57	0.00	0.00	9.70	1.99	0.00	0.00
4.10	0.58	0.00	0.00	9.80	2.04	0.00	0.00
4.20	0.60	0.00	0.00	9.90	2.09	0.00	0.00
4.30	0.62	0.00	0.00	10.00	2.14	0.00	0.00
4.40	0.63	0.00	0.00	10.10	2.19	0.00	0.00
4.50	0.65	0.00	0.00	10.20	2.24	0.00	0.00
4.60	0.67	0.00	0.00	10.30	2.30	0.00	0.00
4.70	0.68	0.00	0.00	10.40	2.36	0.00	0.00
4.80	0.70	0.00	0.00	10.50	2.42	0.00	0.00
4.90	0.72	0.00	0.00	10.60	2.48	0.00	0.00
5.00	0.74	0.00	0.00	10.70	2.55	0.00	0.00
5.10	0.76	0.00	0.00	10.80	2.63	0.00	0.00
5.20	0.77	0.00	0.00	10.90	2.71	0.00	0.00
5.30	0.79	0.00	0.00	11.00	2.80	0.00	0.00
5.40	0.81	0.00	0.00	11.10	2.91	0.00	0.00
5.50	0.83	0.00	0.00	11.20	3.02	0.00	0.00
5.60	0.85	0.00	0.00	11.30	3.14	0.00	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	3.28	0.00	0.00	17.10	9.68	1.93	0.05
11.50	3.42	0.01	0.00	17.20	9.70	1.94	0.05
11.60	3.62	0.01	0.01	17.30	9.72	1.96	0.05
11.70	3.82	0.03	0.03	17.40	9.75	1.97	0.05
11.80	4.10	0.06	0.05	17.50	9.77	1.98	0.05
11.90	4.49	0.11	0.10	17.60	9.79	1.99	0.05
12.00	5.17	0.24	0.21	17.70	9.81	2.00	0.05
12.10	6.30	0.53	0.47	17.80	9.83	2.01	0.05
12.20	6.69	0.66	**0.71**	17.90	9.85	2.02	0.05
12.30	6.97	0.76	0.63	18.00	9.87	2.03	0.04
12.40	7.17	0.83	0.53	18.10	9.89	2.04	0.04
12.50	7.37	0.90	0.44	18.20	9.91	2.05	0.04
12.60	7.51	0.96	0.37	18.30	9.93	2.06	0.04
12.70	7.65	1.01	0.31	18.40	9.94	2.07	0.04
12.80	7.77	1.06	0.27	18.50	9.96	2.08	0.04
12.90	7.88	1.11	0.24	18.60	9.98	2.09	0.04
13.00	7.99	1.15	0.22	18.70	10.00	2.10	0.04
13.10	8.08	1.19	0.20	18.80	10.02	2.11	0.04
13.20	8.16	1.22	0.18	18.90	10.03	2.12	0.04
13.30	8.24	1.26	0.17	19.00	10.05	2.12	0.04
13.40	8.31	1.29	0.15	19.10	10.07	2.13	0.04
13.50	8.37	1.32	0.14	19.20	10.09	2.14	0.04
13.60	8.43	1.34	0.13	19.30	10.11	2.15	0.04
13.70	8.49	1.37	0.12	19.40	10.12	2.16	0.04
13.80	8.55	1.39	0.12	19.50	10.14	2.17	0.04
13.90	8.60	1.42	0.11	19.60	10.16	2.18	0.04
14.00	8.65	1.44	0.11	19.70	10.17	2.19	0.04
14.10	8.70	1.46	0.10	19.80	10.19	2.20	0.04
14.20	8.75	1.49	0.10	19.90	10.21	2.21	0.04
14.30	8.80	1.51	0.10	20.00	10.22	2.21	0.04
14.40	8.84	1.53	0.10	20.10	10.24	2.22	0.04
14.50	8.89	1.55	0.09	20.20	10.26	2.23	0.04
14.60	8.93	1.57	0.09	20.30	10.27	2.24	0.04
14.70	8.97	1.59	0.09	20.40	10.29	2.25	0.04
14.80	9.01	1.61	0.08	20.50	10.31	2.26	0.04
14.90	9.04	1.62	0.08	20.60	10.32	2.27	0.04
15.00	9.08	1.64	0.08	20.70	10.34	2.27	0.04
15.10	9.11	1.66	0.07	20.80	10.35	2.28	0.04
15.20	9.14	1.67	0.07	20.90	10.37	2.29	0.04
15.30	9.18	1.69	0.07	21.00	10.38	2.30	0.04
15.40	9.21	1.70	0.07	21.10	10.40	2.31	0.04
15.50	9.24	1.72	0.07	21.20	10.41	2.32	0.04
15.60	9.27	1.73	0.07	21.30	10.43	2.32	0.04
15.70	9.30	1.75	0.07	21.40	10.44	2.33	0.04
15.80	9.33	1.76	0.06	21.50	10.46	2.34	0.03
15.90	9.36	1.78	0.06	21.60	10.47	2.35	0.03
16.00	9.39	1.79	0.06	21.70	10.49	2.35	0.03
16.10	9.42	1.80	0.06	21.80	10.50	2.36	0.03
16.20	9.45	1.82	0.06	21.90	10.52	2.37	0.03
16.30	9.47	1.83	0.06	22.00	10.53	2.38	0.03
16.40	9.50	1.84	0.06	22.10	10.55	2.39	0.03
16.50	9.53	1.86	0.06	22.20	10.56	2.39	0.03
16.60	9.55	1.87	0.06	22.30	10.57	2.40	0.03
16.70	9.58	1.88	0.06	22.40	10.59	2.41	0.03
16.80	9.60	1.90	0.06	22.50	10.60	2.42	0.03
16.90	9.63	1.91	0.06	22.60	10.61	2.42	0.03
17.00	9.65	1.92	0.05	22.70	10.63	2.43	0.03

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	10.64	2.44	0.03	28.50	10.79	2.52	0.00
22.90	10.65	2.44	0.03	28.60	10.79	2.52	0.00
23.00	10.67	2.45	0.03	28.70	10.79	2.52	0.00
23.10	10.68	2.46	0.03	28.80	10.79	2.52	0.00
23.20	10.69	2.47	0.03	28.90	10.79	2.52	0.00
23.30	10.70	2.47	0.03	29.00	10.79	2.52	0.00
23.40	10.72	2.48	0.03	29.10	10.79	2.52	0.00
23.50	10.73	2.49	0.03	29.20	10.79	2.52	0.00
23.60	10.74	2.49	0.03	29.30	10.79	2.52	0.00
23.70	10.75	2.50	0.03	29.40	10.79	2.52	0.00
23.80	10.77	2.51	0.03	29.50	10.79	2.52	0.00
23.90	10.78	2.51	0.03	29.60	10.79	2.52	0.00
24.00	**10.79**	**2.52**	0.03	29.70	10.79	2.52	0.00
24.10	10.79	2.52	0.02	29.80	10.79	2.52	0.00
24.20	10.79	2.52	0.01	29.90	10.79	2.52	0.00
24.30	10.79	2.52	0.01	30.00	10.79	2.52	0.00
24.40	10.79	2.52	0.00	30.10	10.79	2.52	0.00
24.50	10.79	2.52	0.00	30.20	10.79	2.52	0.00
24.60	10.79	2.52	0.00	30.30	10.79	2.52	0.00
24.70	10.79	2.52	0.00	30.40	10.79	2.52	0.00
24.80	10.79	2.52	0.00	30.50	10.79	2.52	0.00
24.90	10.79	2.52	0.00	30.60	10.79	2.52	0.00
25.00	10.79	2.52	0.00	30.70	10.79	2.52	0.00
25.10	10.79	2.52	0.00	30.80	10.79	2.52	0.00
25.20	10.79	2.52	0.00	30.90	10.79	2.52	0.00
25.30	10.79	2.52	0.00	31.00	10.79	2.52	0.00
25.40	10.79	2.52	0.00	31.10	10.79	2.52	0.00
25.50	10.79	2.52	0.00	31.20	10.79	2.52	0.00
25.60	10.79	2.52	0.00	31.30	10.79	2.52	0.00
25.70	10.79	2.52	0.00	31.40	10.79	2.52	0.00
25.80	10.79	2.52	0.00	31.50	10.79	2.52	0.00
25.90	10.79	2.52	0.00	31.60	10.79	2.52	0.00
26.00	10.79	2.52	0.00	31.70	10.79	2.52	0.00
26.10	10.79	2.52	0.00	31.80	10.79	2.52	0.00
26.20	10.79	2.52	0.00	31.90	10.79	2.52	0.00
26.30	10.79	2.52	0.00	32.00	10.79	2.52	0.00
26.40	10.79	2.52	0.00	32.10	10.79	2.52	0.00
26.50	10.79	2.52	0.00	32.20	10.79	2.52	0.00
26.60	10.79	2.52	0.00	32.30	10.79	2.52	0.00
26.70	10.79	2.52	0.00	32.40	10.79	2.52	0.00
26.80	10.79	2.52	0.00	32.50	10.79	2.52	0.00
26.90	10.79	2.52	0.00	32.60	10.79	2.52	0.00
27.00	10.79	2.52	0.00	32.70	10.79	2.52	0.00
27.10	10.79	2.52	0.00	32.80	10.79	2.52	0.00
27.20	10.79	2.52	0.00	32.90	10.79	2.52	0.00
27.30	10.79	2.52	0.00	33.00	10.79	2.52	0.00
27.40	10.79	2.52	0.00	33.10	10.79	2.52	0.00
27.50	10.79	2.52	0.00	33.20	10.79	2.52	0.00
27.60	10.79	2.52	0.00	33.30	10.79	2.52	0.00
27.70	10.79	2.52	0.00	33.40	10.79	2.52	0.00
27.80	10.79	2.52	0.00	33.50	10.79	2.52	0.00
27.90	10.79	2.52	0.00	33.60	10.79	2.52	0.00
28.00	10.79	2.52	0.00	33.70	10.79	2.52	0.00
28.10	10.79	2.52	0.00	33.80	10.79	2.52	0.00
28.20	10.79	2.52	0.00	33.90	10.79	2.52	0.00
28.30	10.79	2.52	0.00	34.00	10.79	2.52	0.00
28.40	10.79	2.52	0.00	34.10	10.79	2.52	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	10.79	2.52	0.00	39.90	10.79	2.52	0.00
34.30	10.79	2.52	0.00	40.00	10.79	2.52	0.00
34.40	10.79	2.52	0.00	40.10	10.79	2.52	0.00
34.50	10.79	2.52	0.00	40.20	10.79	2.52	0.00
34.60	10.79	2.52	0.00	40.30	10.79	2.52	0.00
34.70	10.79	2.52	0.00	40.40	10.79	2.52	0.00
34.80	10.79	2.52	0.00	40.50	10.79	2.52	0.00
34.90	10.79	2.52	0.00	40.60	10.79	2.52	0.00
35.00	10.79	2.52	0.00	40.70	10.79	2.52	0.00
35.10	10.79	2.52	0.00	40.80	10.79	2.52	0.00
35.20	10.79	2.52	0.00	40.90	10.79	2.52	0.00
35.30	10.79	2.52	0.00	41.00	10.79	2.52	0.00
35.40	10.79	2.52	0.00	41.10	10.79	2.52	0.00
35.50	10.79	2.52	0.00	41.20	10.79	2.52	0.00
35.60	10.79	2.52	0.00	41.30	10.79	2.52	0.00
35.70	10.79	2.52	0.00	41.40	10.79	2.52	0.00
35.80	10.79	2.52	0.00	41.50	10.79	2.52	0.00
35.90	10.79	2.52	0.00	41.60	10.79	2.52	0.00
36.00	10.79	2.52	0.00	41.70	10.79	2.52	0.00
36.10	10.79	2.52	0.00	41.80	10.79	2.52	0.00
36.20	10.79	2.52	0.00	41.90	10.79	2.52	0.00
36.30	10.79	2.52	0.00	42.00	10.79	2.52	0.00
36.40	10.79	2.52	0.00	42.10	10.79	2.52	0.00
36.50	10.79	2.52	0.00	42.20	10.79	2.52	0.00
36.60	10.79	2.52	0.00	42.30	10.79	2.52	0.00
36.70	10.79	2.52	0.00	42.40	10.79	2.52	0.00
36.80	10.79	2.52	0.00	42.50	10.79	2.52	0.00
36.90	10.79	2.52	0.00	42.60	10.79	2.52	0.00
37.00	10.79	2.52	0.00	42.70	10.79	2.52	0.00
37.10	10.79	2.52	0.00	42.80	10.79	2.52	0.00
37.20	10.79	2.52	0.00	42.90	10.79	2.52	0.00
37.30	10.79	2.52	0.00	43.00	10.79	2.52	0.00
37.40	10.79	2.52	0.00	43.10	10.79	2.52	0.00
37.50	10.79	2.52	0.00	43.20	10.79	2.52	0.00
37.60	10.79	2.52	0.00	43.30	10.79	2.52	0.00
37.70	10.79	2.52	0.00	43.40	10.79	2.52	0.00
37.80	10.79	2.52	0.00	43.50	10.79	2.52	0.00
37.90	10.79	2.52	0.00	43.60	10.79	2.52	0.00
38.00	10.79	2.52	0.00	43.70	10.79	2.52	0.00
38.10	10.79	2.52	0.00	43.80	10.79	2.52	0.00
38.20	10.79	2.52	0.00	43.90	10.79	2.52	0.00
38.30	10.79	2.52	0.00	44.00	10.79	2.52	0.00
38.40	10.79	2.52	0.00	44.10	10.79	2.52	0.00
38.50	10.79	2.52	0.00	44.20	10.79	2.52	0.00
38.60	10.79	2.52	0.00	44.30	10.79	2.52	0.00
38.70	10.79	2.52	0.00	44.40	10.79	2.52	0.00
38.80	10.79	2.52	0.00	44.50	10.79	2.52	0.00
38.90	10.79	2.52	0.00	44.60	10.79	2.52	0.00
39.00	10.79	2.52	0.00	44.70	10.79	2.52	0.00
39.10	10.79	2.52	0.00	44.80	10.79	2.52	0.00
39.20	10.79	2.52	0.00	44.90	10.79	2.52	0.00
39.30	10.79	2.52	0.00	45.00	10.79	2.52	0.00
39.40	10.79	2.52	0.00	45.10	10.79	2.52	0.00
39.50	10.79	2.52	0.00	45.20	10.79	2.52	0.00
39.60	10.79	2.52	0.00	45.30	10.79	2.52	0.00
39.70	10.79	2.52	0.00	45.40	10.79	2.52	0.00
39.80	10.79	2.52	0.00	45.50	10.79	2.52	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	10.79	2.52	0.00	51.30	10.79	2.52	0.00
45.70	10.79	2.52	0.00	51.40	10.79	2.52	0.00
45.80	10.79	2.52	0.00	51.50	10.79	2.52	0.00
45.90	10.79	2.52	0.00	51.60	10.79	2.52	0.00
46.00	10.79	2.52	0.00	51.70	10.79	2.52	0.00
46.10	10.79	2.52	0.00	51.80	10.79	2.52	0.00
46.20	10.79	2.52	0.00	51.90	10.79	2.52	0.00
46.30	10.79	2.52	0.00	52.00	10.79	2.52	0.00
46.40	10.79	2.52	0.00	52.10	10.79	2.52	0.00
46.50	10.79	2.52	0.00	52.20	10.79	2.52	0.00
46.60	10.79	2.52	0.00	52.30	10.79	2.52	0.00
46.70	10.79	2.52	0.00	52.40	10.79	2.52	0.00
46.80	10.79	2.52	0.00	52.50	10.79	2.52	0.00
46.90	10.79	2.52	0.00	52.60	10.79	2.52	0.00
47.00	10.79	2.52	0.00	52.70	10.79	2.52	0.00
47.10	10.79	2.52	0.00	52.80	10.79	2.52	0.00
47.20	10.79	2.52	0.00	52.90	10.79	2.52	0.00
47.30	10.79	2.52	0.00	53.00	10.79	2.52	0.00
47.40	10.79	2.52	0.00	53.10	10.79	2.52	0.00
47.50	10.79	2.52	0.00	53.20	10.79	2.52	0.00
47.60	10.79	2.52	0.00	53.30	10.79	2.52	0.00
47.70	10.79	2.52	0.00	53.40	10.79	2.52	0.00
47.80	10.79	2.52	0.00	53.50	10.79	2.52	0.00
47.90	10.79	2.52	0.00	53.60	10.79	2.52	0.00
48.00	10.79	2.52	0.00	53.70	10.79	2.52	0.00
48.10	10.79	2.52	0.00	53.80	10.79	2.52	0.00
48.20	10.79	2.52	0.00	53.90	10.79	2.52	0.00
48.30	10.79	2.52	0.00	54.00	10.79	2.52	0.00
48.40	10.79	2.52	0.00	54.10	10.79	2.52	0.00
48.50	10.79	2.52	0.00	54.20	10.79	2.52	0.00
48.60	10.79	2.52	0.00	54.30	10.79	2.52	0.00
48.70	10.79	2.52	0.00	54.40	10.79	2.52	0.00
48.80	10.79	2.52	0.00	54.50	10.79	2.52	0.00
48.90	10.79	2.52	0.00	54.60	10.79	2.52	0.00
49.00	10.79	2.52	0.00	54.70	10.79	2.52	0.00
49.10	10.79	2.52	0.00	54.80	10.79	2.52	0.00
49.20	10.79	2.52	0.00	54.90	10.79	2.52	0.00
49.30	10.79	2.52	0.00	55.00	10.79	2.52	0.00
49.40	10.79	2.52	0.00	55.10	10.79	2.52	0.00
49.50	10.79	2.52	0.00	55.20	10.79	2.52	0.00
49.60	10.79	2.52	0.00	55.30	10.79	2.52	0.00
49.70	10.79	2.52	0.00	55.40	10.79	2.52	0.00
49.80	10.79	2.52	0.00	55.50	10.79	2.52	0.00
49.90	10.79	2.52	0.00	55.60	10.79	2.52	0.00
50.00	10.79	2.52	0.00	55.70	10.79	2.52	0.00
50.10	10.79	2.52	0.00	55.80	10.79	2.52	0.00
50.20	10.79	2.52	0.00	55.90	10.79	2.52	0.00
50.30	10.79	2.52	0.00	56.00	10.79	2.52	0.00
50.40	10.79	2.52	0.00	56.10	10.79	2.52	0.00
50.50	10.79	2.52	0.00	56.20	10.79	2.52	0.00
50.60	10.79	2.52	0.00	56.30	10.79	2.52	0.00
50.70	10.79	2.52	0.00	56.40	10.79	2.52	0.00
50.80	10.79	2.52	0.00	56.50	10.79	2.52	0.00
50.90	10.79	2.52	0.00	56.60	10.79	2.52	0.00
51.00	10.79	2.52	0.00	56.70	10.79	2.52	0.00
51.10	10.79	2.52	0.00	56.80	10.79	2.52	0.00
51.20	10.79	2.52	0.00	56.90	10.79	2.52	0.00

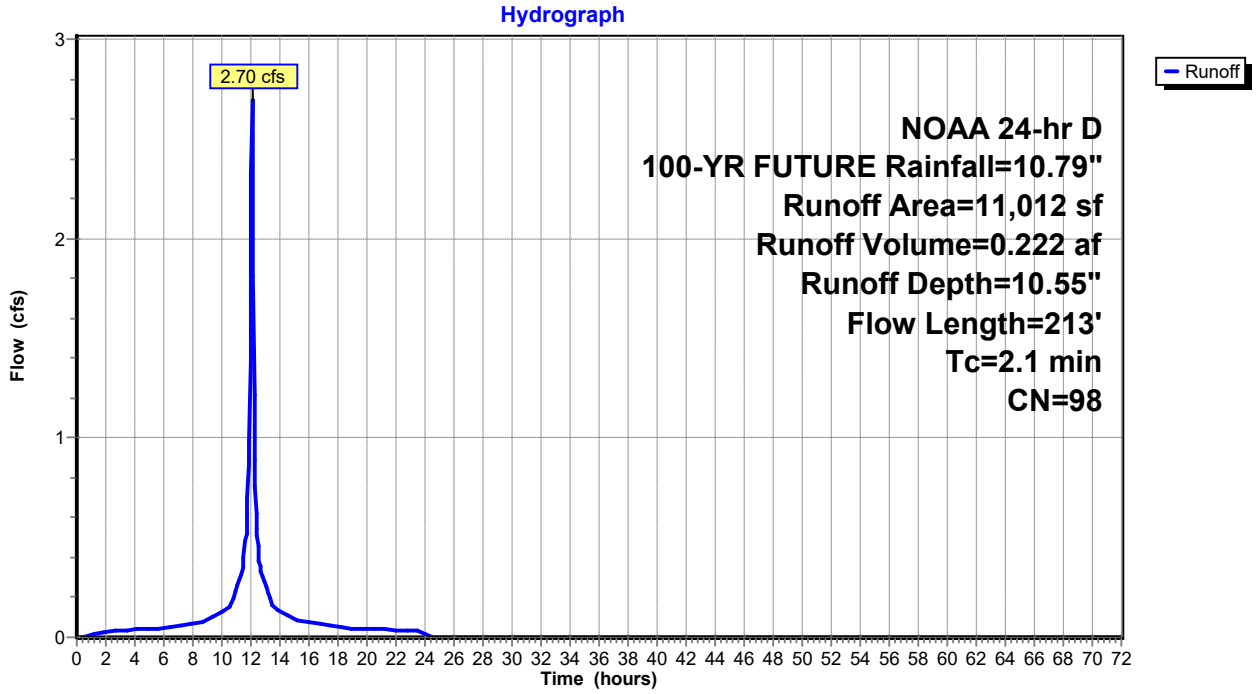
Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	10.79	2.52	0.00	62.70	10.79	2.52	0.00
57.10	10.79	2.52	0.00	62.80	10.79	2.52	0.00
57.20	10.79	2.52	0.00	62.90	10.79	2.52	0.00
57.30	10.79	2.52	0.00	63.00	10.79	2.52	0.00
57.40	10.79	2.52	0.00	63.10	10.79	2.52	0.00
57.50	10.79	2.52	0.00	63.20	10.79	2.52	0.00
57.60	10.79	2.52	0.00	63.30	10.79	2.52	0.00
57.70	10.79	2.52	0.00	63.40	10.79	2.52	0.00
57.80	10.79	2.52	0.00	63.50	10.79	2.52	0.00
57.90	10.79	2.52	0.00	63.60	10.79	2.52	0.00
58.00	10.79	2.52	0.00	63.70	10.79	2.52	0.00
58.10	10.79	2.52	0.00	63.80	10.79	2.52	0.00
58.20	10.79	2.52	0.00	63.90	10.79	2.52	0.00
58.30	10.79	2.52	0.00	64.00	10.79	2.52	0.00
58.40	10.79	2.52	0.00	64.10	10.79	2.52	0.00
58.50	10.79	2.52	0.00	64.20	10.79	2.52	0.00
58.60	10.79	2.52	0.00	64.30	10.79	2.52	0.00
58.70	10.79	2.52	0.00	64.40	10.79	2.52	0.00
58.80	10.79	2.52	0.00	64.50	10.79	2.52	0.00
58.90	10.79	2.52	0.00	64.60	10.79	2.52	0.00
59.00	10.79	2.52	0.00	64.70	10.79	2.52	0.00
59.10	10.79	2.52	0.00	64.80	10.79	2.52	0.00
59.20	10.79	2.52	0.00	64.90	10.79	2.52	0.00
59.30	10.79	2.52	0.00	65.00	10.79	2.52	0.00
59.40	10.79	2.52	0.00	65.10	10.79	2.52	0.00
59.50	10.79	2.52	0.00	65.20	10.79	2.52	0.00
59.60	10.79	2.52	0.00	65.30	10.79	2.52	0.00
59.70	10.79	2.52	0.00	65.40	10.79	2.52	0.00
59.80	10.79	2.52	0.00	65.50	10.79	2.52	0.00
59.90	10.79	2.52	0.00	65.60	10.79	2.52	0.00
60.00	10.79	2.52	0.00	65.70	10.79	2.52	0.00
60.10	10.79	2.52	0.00	65.80	10.79	2.52	0.00
60.20	10.79	2.52	0.00	65.90	10.79	2.52	0.00
60.30	10.79	2.52	0.00	66.00	10.79	2.52	0.00
60.40	10.79	2.52	0.00	66.10	10.79	2.52	0.00
60.50	10.79	2.52	0.00	66.20	10.79	2.52	0.00
60.60	10.79	2.52	0.00	66.30	10.79	2.52	0.00
60.70	10.79	2.52	0.00	66.40	10.79	2.52	0.00
60.80	10.79	2.52	0.00	66.50	10.79	2.52	0.00
60.90	10.79	2.52	0.00	66.60	10.79	2.52	0.00
61.00	10.79	2.52	0.00	66.70	10.79	2.52	0.00
61.10	10.79	2.52	0.00	66.80	10.79	2.52	0.00
61.20	10.79	2.52	0.00	66.90	10.79	2.52	0.00
61.30	10.79	2.52	0.00	67.00	10.79	2.52	0.00
61.40	10.79	2.52	0.00	67.10	10.79	2.52	0.00
61.50	10.79	2.52	0.00	67.20	10.79	2.52	0.00
61.60	10.79	2.52	0.00	67.30	10.79	2.52	0.00
61.70	10.79	2.52	0.00	67.40	10.79	2.52	0.00
61.80	10.79	2.52	0.00	67.50	10.79	2.52	0.00
61.90	10.79	2.52	0.00	67.60	10.79	2.52	0.00
62.00	10.79	2.52	0.00	67.70	10.79	2.52	0.00
62.10	10.79	2.52	0.00	67.80	10.79	2.52	0.00
62.20	10.79	2.52	0.00	67.90	10.79	2.52	0.00
62.30	10.79	2.52	0.00	68.00	10.79	2.52	0.00
62.40	10.79	2.52	0.00	68.10	10.79	2.52	0.00
62.50	10.79	2.52	0.00	68.20	10.79	2.52	0.00
62.60	10.79	2.52	0.00	68.30	10.79	2.52	0.00

Hydrograph for Subcatchment 7S: PDA 2-Pervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	10.79	2.52	0.00
68.50	10.79	2.52	0.00
68.60	10.79	2.52	0.00
68.70	10.79	2.52	0.00
68.80	10.79	2.52	0.00
68.90	10.79	2.52	0.00
69.00	10.79	2.52	0.00
69.10	10.79	2.52	0.00
69.20	10.79	2.52	0.00
69.30	10.79	2.52	0.00
69.40	10.79	2.52	0.00
69.50	10.79	2.52	0.00
69.60	10.79	2.52	0.00
69.70	10.79	2.52	0.00
69.80	10.79	2.52	0.00
69.90	10.79	2.52	0.00
70.00	10.79	2.52	0.00
70.10	10.79	2.52	0.00
70.20	10.79	2.52	0.00
70.30	10.79	2.52	0.00
70.40	10.79	2.52	0.00
70.50	10.79	2.52	0.00
70.60	10.79	2.52	0.00
70.70	10.79	2.52	0.00
70.80	10.79	2.52	0.00
70.90	10.79	2.52	0.00
71.00	10.79	2.52	0.00
71.10	10.79	2.52	0.00
71.20	10.79	2.52	0.00
71.30	10.79	2.52	0.00
71.40	10.79	2.52	0.00
71.50	10.79	2.52	0.00
71.60	10.79	2.52	0.00
71.70	10.79	2.52	0.00
71.80	10.79	2.52	0.00
71.90	10.79	2.52	0.00
72.00	10.79	2.52	0.00

Subcatchment 9S: PDA 2-Impervious



Hydrograph for Subcatchment 9S: PDA 2-Impervious

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
0.00	0.00	0.00	0.00	5.70	0.86	0.66	0.05
0.10	0.01	0.00	0.00	5.80	0.88	0.68	0.05
0.20	0.02	0.00	0.00	5.90	0.90	0.70	0.05
0.30	0.04	0.00	0.00	6.00	0.92	0.71	0.05
0.40	0.05	0.00	0.00	6.10	0.94	0.73	0.05
0.50	0.06	0.00	0.00	6.20	0.96	0.75	0.05
0.60	0.07	0.00	0.01	6.30	0.98	0.77	0.05
0.70	0.09	0.01	0.01	6.40	1.00	0.79	0.05
0.80	0.10	0.01	0.01	6.50	1.02	0.81	0.05
0.90	0.11	0.02	0.01	6.60	1.04	0.83	0.05
1.00	0.12	0.02	0.02	6.70	1.07	0.86	0.05
1.10	0.14	0.03	0.02	6.80	1.09	0.88	0.06
1.20	0.15	0.04	0.02	6.90	1.11	0.90	0.06
1.30	0.16	0.05	0.02	7.00	1.14	0.92	0.06
1.40	0.18	0.05	0.02	7.10	1.16	0.95	0.06
1.50	0.19	0.06	0.02	7.20	1.19	0.97	0.06
1.60	0.20	0.07	0.02	7.30	1.21	1.00	0.06
1.70	0.22	0.08	0.02	7.40	1.24	1.02	0.06
1.80	0.23	0.09	0.03	7.50	1.26	1.05	0.07
1.90	0.24	0.10	0.03	7.60	1.29	1.07	0.07
2.00	0.26	0.11	0.03	7.70	1.32	1.10	0.07
2.10	0.27	0.12	0.03	7.80	1.34	1.13	0.07
2.20	0.29	0.14	0.03	7.90	1.37	1.15	0.07
2.30	0.30	0.15	0.03	8.00	1.40	1.18	0.07
2.40	0.32	0.16	0.03	8.10	1.43	1.21	0.07
2.50	0.33	0.17	0.03	8.20	1.46	1.24	0.07
2.60	0.35	0.18	0.03	8.30	1.49	1.27	0.07
2.70	0.36	0.20	0.03	8.40	1.52	1.30	0.08
2.80	0.38	0.21	0.03	8.50	1.55	1.33	0.08
2.90	0.39	0.22	0.03	8.60	1.58	1.36	0.08
3.00	0.41	0.23	0.03	8.70	1.61	1.39	0.08
3.10	0.42	0.25	0.03	8.80	1.65	1.42	0.08
3.20	0.44	0.26	0.03	8.90	1.68	1.46	0.08
3.30	0.45	0.28	0.04	9.00	1.71	1.49	0.08
3.40	0.47	0.29	0.04	9.10	1.75	1.52	0.09
3.50	0.48	0.30	0.04	9.20	1.78	1.56	0.09
3.60	0.50	0.32	0.04	9.30	1.82	1.60	0.10
3.70	0.52	0.33	0.04	9.40	1.86	1.64	0.10
3.80	0.53	0.35	0.04	9.50	1.90	1.68	0.11
3.90	0.55	0.36	0.04	9.60	1.95	1.72	0.11
4.00	0.57	0.38	0.04	9.70	1.99	1.77	0.11
4.10	0.58	0.39	0.04	9.80	2.04	1.81	0.12
4.20	0.60	0.41	0.04	9.90	2.09	1.86	0.12
4.30	0.62	0.42	0.04	10.00	2.14	1.91	0.13
4.40	0.63	0.44	0.04	10.10	2.19	1.96	0.13
4.50	0.65	0.46	0.04	10.20	2.24	2.02	0.14
4.60	0.67	0.47	0.04	10.30	2.30	2.07	0.14
4.70	0.68	0.49	0.04	10.40	2.36	2.13	0.14
4.80	0.70	0.51	0.04	10.50	2.42	2.19	0.15
4.90	0.72	0.52	0.04	10.60	2.48	2.25	0.16
5.00	0.74	0.54	0.04	10.70	2.55	2.32	0.18
5.10	0.76	0.56	0.04	10.80	2.63	2.40	0.20
5.20	0.77	0.57	0.04	10.90	2.71	2.48	0.21
5.30	0.79	0.59	0.04	11.00	2.80	2.57	0.23
5.40	0.81	0.61	0.04	11.10	2.91	2.67	0.25
5.50	0.83	0.63	0.04	11.20	3.02	2.79	0.28
5.60	0.85	0.64	0.04	11.30	3.14	2.91	0.31

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
11.40	3.28	3.04	0.34	17.10	9.68	9.44	0.06
11.50	3.42	3.19	0.37	17.20	9.70	9.46	0.06
11.60	3.62	3.38	0.48	17.30	9.72	9.48	0.06
11.70	3.82	3.59	0.52	17.40	9.75	9.50	0.06
11.80	4.10	3.87	0.70	17.50	9.77	9.53	0.06
11.90	4.49	4.26	0.98	17.60	9.79	9.55	0.05
12.00	5.17	4.93	1.66	17.70	9.81	9.57	0.05
12.10	6.30	6.06	**2.67**	17.80	9.83	9.59	0.05
12.20	6.69	6.45	1.21	17.90	9.85	9.61	0.05
12.30	6.97	6.73	0.75	18.00	9.87	9.63	0.05
12.40	7.17	6.94	0.55	18.10	9.89	9.65	0.05
12.50	7.37	7.13	0.50	18.20	9.91	9.67	0.05
12.60	7.51	7.28	0.38	18.30	9.93	9.68	0.05
12.70	7.65	7.41	0.34	18.40	9.94	9.70	0.05
12.80	7.77	7.53	0.32	18.50	9.96	9.72	0.05
12.90	7.88	7.64	0.29	18.60	9.98	9.74	0.05
13.00	7.99	7.75	0.26	18.70	10.00	9.76	0.05
13.10	8.08	7.84	0.23	18.80	10.02	9.78	0.05
13.20	8.16	7.92	0.22	18.90	10.03	9.79	0.05
13.30	8.24	8.00	0.20	19.00	10.05	9.81	0.05
13.40	8.31	8.07	0.18	19.10	10.07	9.83	0.05
13.50	8.37	8.13	0.17	19.20	10.09	9.85	0.04
13.60	8.43	8.19	0.15	19.30	10.11	9.86	0.04
13.70	8.49	8.25	0.15	19.40	10.12	9.88	0.04
13.80	8.55	8.31	0.14	19.50	10.14	9.90	0.04
13.90	8.60	8.36	0.14	19.60	10.16	9.92	0.04
14.00	8.65	8.41	0.13	19.70	10.17	9.93	0.04
14.10	8.70	8.46	0.13	19.80	10.19	9.95	0.04
14.20	8.75	8.51	0.12	19.90	10.21	9.97	0.04
14.30	8.80	8.56	0.12	20.00	10.22	9.98	0.04
14.40	8.84	8.60	0.12	20.10	10.24	10.00	0.04
14.50	8.89	8.65	0.11	20.20	10.26	10.02	0.04
14.60	8.93	8.69	0.11	20.30	10.27	10.03	0.04
14.70	8.97	8.73	0.10	20.40	10.29	10.05	0.04
14.80	9.01	8.77	0.10	20.50	10.31	10.06	0.04
14.90	9.04	8.80	0.09	20.60	10.32	10.08	0.04
15.00	9.08	8.84	0.09	20.70	10.34	10.10	0.04
15.10	9.11	8.87	0.09	20.80	10.35	10.11	0.04
15.20	9.14	8.90	0.08	20.90	10.37	10.13	0.04
15.30	9.18	8.94	0.08	21.00	10.38	10.14	0.04
15.40	9.21	8.97	0.08	21.10	10.40	10.16	0.04
15.50	9.24	9.00	0.08	21.20	10.41	10.17	0.04
15.60	9.27	9.03	0.08	21.30	10.43	10.19	0.04
15.70	9.30	9.06	0.08	21.40	10.44	10.20	0.04
15.80	9.33	9.09	0.08	21.50	10.46	10.22	0.04
15.90	9.36	9.12	0.08	21.60	10.47	10.23	0.04
16.00	9.39	9.15	0.07	21.70	10.49	10.25	0.04
16.10	9.42	9.18	0.07	21.80	10.50	10.26	0.04
16.20	9.45	9.21	0.07	21.90	10.52	10.28	0.04
16.30	9.47	9.23	0.07	22.00	10.53	10.29	0.04
16.40	9.50	9.26	0.07	22.10	10.55	10.30	0.04
16.50	9.53	9.29	0.07	22.20	10.56	10.32	0.04
16.60	9.55	9.31	0.07	22.30	10.57	10.33	0.04
16.70	9.58	9.34	0.07	22.40	10.59	10.35	0.03
16.80	9.60	9.36	0.06	22.50	10.60	10.36	0.03
16.90	9.63	9.39	0.06	22.60	10.61	10.37	0.03
17.00	9.65	9.41	0.06	22.70	10.63	10.39	0.03

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
22.80	10.64	10.40	0.03	28.50	10.79	10.55	0.00
22.90	10.65	10.41	0.03	28.60	10.79	10.55	0.00
23.00	10.67	10.43	0.03	28.70	10.79	10.55	0.00
23.10	10.68	10.44	0.03	28.80	10.79	10.55	0.00
23.20	10.69	10.45	0.03	28.90	10.79	10.55	0.00
23.30	10.70	10.46	0.03	29.00	10.79	10.55	0.00
23.40	10.72	10.48	0.03	29.10	10.79	10.55	0.00
23.50	10.73	10.49	0.03	29.20	10.79	10.55	0.00
23.60	10.74	10.50	0.03	29.30	10.79	10.55	0.00
23.70	10.75	10.51	0.03	29.40	10.79	10.55	0.00
23.80	10.77	10.53	0.03	29.50	10.79	10.55	0.00
23.90	10.78	10.54	0.03	29.60	10.79	10.55	0.00
24.00	**10.79**	**10.55**	0.03	29.70	10.79	10.55	0.00
24.10	10.79	10.55	0.00	29.80	10.79	10.55	0.00
24.20	10.79	10.55	0.00	29.90	10.79	10.55	0.00
24.30	10.79	10.55	0.00	30.00	10.79	10.55	0.00
24.40	10.79	10.55	0.00	30.10	10.79	10.55	0.00
24.50	10.79	10.55	0.00	30.20	10.79	10.55	0.00
24.60	10.79	10.55	0.00	30.30	10.79	10.55	0.00
24.70	10.79	10.55	0.00	30.40	10.79	10.55	0.00
24.80	10.79	10.55	0.00	30.50	10.79	10.55	0.00
24.90	10.79	10.55	0.00	30.60	10.79	10.55	0.00
25.00	10.79	10.55	0.00	30.70	10.79	10.55	0.00
25.10	10.79	10.55	0.00	30.80	10.79	10.55	0.00
25.20	10.79	10.55	0.00	30.90	10.79	10.55	0.00
25.30	10.79	10.55	0.00	31.00	10.79	10.55	0.00
25.40	10.79	10.55	0.00	31.10	10.79	10.55	0.00
25.50	10.79	10.55	0.00	31.20	10.79	10.55	0.00
25.60	10.79	10.55	0.00	31.30	10.79	10.55	0.00
25.70	10.79	10.55	0.00	31.40	10.79	10.55	0.00
25.80	10.79	10.55	0.00	31.50	10.79	10.55	0.00
25.90	10.79	10.55	0.00	31.60	10.79	10.55	0.00
26.00	10.79	10.55	0.00	31.70	10.79	10.55	0.00
26.10	10.79	10.55	0.00	31.80	10.79	10.55	0.00
26.20	10.79	10.55	0.00	31.90	10.79	10.55	0.00
26.30	10.79	10.55	0.00	32.00	10.79	10.55	0.00
26.40	10.79	10.55	0.00	32.10	10.79	10.55	0.00
26.50	10.79	10.55	0.00	32.20	10.79	10.55	0.00
26.60	10.79	10.55	0.00	32.30	10.79	10.55	0.00
26.70	10.79	10.55	0.00	32.40	10.79	10.55	0.00
26.80	10.79	10.55	0.00	32.50	10.79	10.55	0.00
26.90	10.79	10.55	0.00	32.60	10.79	10.55	0.00
27.00	10.79	10.55	0.00	32.70	10.79	10.55	0.00
27.10	10.79	10.55	0.00	32.80	10.79	10.55	0.00
27.20	10.79	10.55	0.00	32.90	10.79	10.55	0.00
27.30	10.79	10.55	0.00	33.00	10.79	10.55	0.00
27.40	10.79	10.55	0.00	33.10	10.79	10.55	0.00
27.50	10.79	10.55	0.00	33.20	10.79	10.55	0.00
27.60	10.79	10.55	0.00	33.30	10.79	10.55	0.00
27.70	10.79	10.55	0.00	33.40	10.79	10.55	0.00
27.80	10.79	10.55	0.00	33.50	10.79	10.55	0.00
27.90	10.79	10.55	0.00	33.60	10.79	10.55	0.00
28.00	10.79	10.55	0.00	33.70	10.79	10.55	0.00
28.10	10.79	10.55	0.00	33.80	10.79	10.55	0.00
28.20	10.79	10.55	0.00	33.90	10.79	10.55	0.00
28.30	10.79	10.55	0.00	34.00	10.79	10.55	0.00
28.40	10.79	10.55	0.00	34.10	10.79	10.55	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
34.20	10.79	10.55	0.00	39.90	10.79	10.55	0.00
34.30	10.79	10.55	0.00	40.00	10.79	10.55	0.00
34.40	10.79	10.55	0.00	40.10	10.79	10.55	0.00
34.50	10.79	10.55	0.00	40.20	10.79	10.55	0.00
34.60	10.79	10.55	0.00	40.30	10.79	10.55	0.00
34.70	10.79	10.55	0.00	40.40	10.79	10.55	0.00
34.80	10.79	10.55	0.00	40.50	10.79	10.55	0.00
34.90	10.79	10.55	0.00	40.60	10.79	10.55	0.00
35.00	10.79	10.55	0.00	40.70	10.79	10.55	0.00
35.10	10.79	10.55	0.00	40.80	10.79	10.55	0.00
35.20	10.79	10.55	0.00	40.90	10.79	10.55	0.00
35.30	10.79	10.55	0.00	41.00	10.79	10.55	0.00
35.40	10.79	10.55	0.00	41.10	10.79	10.55	0.00
35.50	10.79	10.55	0.00	41.20	10.79	10.55	0.00
35.60	10.79	10.55	0.00	41.30	10.79	10.55	0.00
35.70	10.79	10.55	0.00	41.40	10.79	10.55	0.00
35.80	10.79	10.55	0.00	41.50	10.79	10.55	0.00
35.90	10.79	10.55	0.00	41.60	10.79	10.55	0.00
36.00	10.79	10.55	0.00	41.70	10.79	10.55	0.00
36.10	10.79	10.55	0.00	41.80	10.79	10.55	0.00
36.20	10.79	10.55	0.00	41.90	10.79	10.55	0.00
36.30	10.79	10.55	0.00	42.00	10.79	10.55	0.00
36.40	10.79	10.55	0.00	42.10	10.79	10.55	0.00
36.50	10.79	10.55	0.00	42.20	10.79	10.55	0.00
36.60	10.79	10.55	0.00	42.30	10.79	10.55	0.00
36.70	10.79	10.55	0.00	42.40	10.79	10.55	0.00
36.80	10.79	10.55	0.00	42.50	10.79	10.55	0.00
36.90	10.79	10.55	0.00	42.60	10.79	10.55	0.00
37.00	10.79	10.55	0.00	42.70	10.79	10.55	0.00
37.10	10.79	10.55	0.00	42.80	10.79	10.55	0.00
37.20	10.79	10.55	0.00	42.90	10.79	10.55	0.00
37.30	10.79	10.55	0.00	43.00	10.79	10.55	0.00
37.40	10.79	10.55	0.00	43.10	10.79	10.55	0.00
37.50	10.79	10.55	0.00	43.20	10.79	10.55	0.00
37.60	10.79	10.55	0.00	43.30	10.79	10.55	0.00
37.70	10.79	10.55	0.00	43.40	10.79	10.55	0.00
37.80	10.79	10.55	0.00	43.50	10.79	10.55	0.00
37.90	10.79	10.55	0.00	43.60	10.79	10.55	0.00
38.00	10.79	10.55	0.00	43.70	10.79	10.55	0.00
38.10	10.79	10.55	0.00	43.80	10.79	10.55	0.00
38.20	10.79	10.55	0.00	43.90	10.79	10.55	0.00
38.30	10.79	10.55	0.00	44.00	10.79	10.55	0.00
38.40	10.79	10.55	0.00	44.10	10.79	10.55	0.00
38.50	10.79	10.55	0.00	44.20	10.79	10.55	0.00
38.60	10.79	10.55	0.00	44.30	10.79	10.55	0.00
38.70	10.79	10.55	0.00	44.40	10.79	10.55	0.00
38.80	10.79	10.55	0.00	44.50	10.79	10.55	0.00
38.90	10.79	10.55	0.00	44.60	10.79	10.55	0.00
39.00	10.79	10.55	0.00	44.70	10.79	10.55	0.00
39.10	10.79	10.55	0.00	44.80	10.79	10.55	0.00
39.20	10.79	10.55	0.00	44.90	10.79	10.55	0.00
39.30	10.79	10.55	0.00	45.00	10.79	10.55	0.00
39.40	10.79	10.55	0.00	45.10	10.79	10.55	0.00
39.50	10.79	10.55	0.00	45.20	10.79	10.55	0.00
39.60	10.79	10.55	0.00	45.30	10.79	10.55	0.00
39.70	10.79	10.55	0.00	45.40	10.79	10.55	0.00
39.80	10.79	10.55	0.00	45.50	10.79	10.55	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
45.60	10.79	10.55	0.00	51.30	10.79	10.55	0.00
45.70	10.79	10.55	0.00	51.40	10.79	10.55	0.00
45.80	10.79	10.55	0.00	51.50	10.79	10.55	0.00
45.90	10.79	10.55	0.00	51.60	10.79	10.55	0.00
46.00	10.79	10.55	0.00	51.70	10.79	10.55	0.00
46.10	10.79	10.55	0.00	51.80	10.79	10.55	0.00
46.20	10.79	10.55	0.00	51.90	10.79	10.55	0.00
46.30	10.79	10.55	0.00	52.00	10.79	10.55	0.00
46.40	10.79	10.55	0.00	52.10	10.79	10.55	0.00
46.50	10.79	10.55	0.00	52.20	10.79	10.55	0.00
46.60	10.79	10.55	0.00	52.30	10.79	10.55	0.00
46.70	10.79	10.55	0.00	52.40	10.79	10.55	0.00
46.80	10.79	10.55	0.00	52.50	10.79	10.55	0.00
46.90	10.79	10.55	0.00	52.60	10.79	10.55	0.00
47.00	10.79	10.55	0.00	52.70	10.79	10.55	0.00
47.10	10.79	10.55	0.00	52.80	10.79	10.55	0.00
47.20	10.79	10.55	0.00	52.90	10.79	10.55	0.00
47.30	10.79	10.55	0.00	53.00	10.79	10.55	0.00
47.40	10.79	10.55	0.00	53.10	10.79	10.55	0.00
47.50	10.79	10.55	0.00	53.20	10.79	10.55	0.00
47.60	10.79	10.55	0.00	53.30	10.79	10.55	0.00
47.70	10.79	10.55	0.00	53.40	10.79	10.55	0.00
47.80	10.79	10.55	0.00	53.50	10.79	10.55	0.00
47.90	10.79	10.55	0.00	53.60	10.79	10.55	0.00
48.00	10.79	10.55	0.00	53.70	10.79	10.55	0.00
48.10	10.79	10.55	0.00	53.80	10.79	10.55	0.00
48.20	10.79	10.55	0.00	53.90	10.79	10.55	0.00
48.30	10.79	10.55	0.00	54.00	10.79	10.55	0.00
48.40	10.79	10.55	0.00	54.10	10.79	10.55	0.00
48.50	10.79	10.55	0.00	54.20	10.79	10.55	0.00
48.60	10.79	10.55	0.00	54.30	10.79	10.55	0.00
48.70	10.79	10.55	0.00	54.40	10.79	10.55	0.00
48.80	10.79	10.55	0.00	54.50	10.79	10.55	0.00
48.90	10.79	10.55	0.00	54.60	10.79	10.55	0.00
49.00	10.79	10.55	0.00	54.70	10.79	10.55	0.00
49.10	10.79	10.55	0.00	54.80	10.79	10.55	0.00
49.20	10.79	10.55	0.00	54.90	10.79	10.55	0.00
49.30	10.79	10.55	0.00	55.00	10.79	10.55	0.00
49.40	10.79	10.55	0.00	55.10	10.79	10.55	0.00
49.50	10.79	10.55	0.00	55.20	10.79	10.55	0.00
49.60	10.79	10.55	0.00	55.30	10.79	10.55	0.00
49.70	10.79	10.55	0.00	55.40	10.79	10.55	0.00
49.80	10.79	10.55	0.00	55.50	10.79	10.55	0.00
49.90	10.79	10.55	0.00	55.60	10.79	10.55	0.00
50.00	10.79	10.55	0.00	55.70	10.79	10.55	0.00
50.10	10.79	10.55	0.00	55.80	10.79	10.55	0.00
50.20	10.79	10.55	0.00	55.90	10.79	10.55	0.00
50.30	10.79	10.55	0.00	56.00	10.79	10.55	0.00
50.40	10.79	10.55	0.00	56.10	10.79	10.55	0.00
50.50	10.79	10.55	0.00	56.20	10.79	10.55	0.00
50.60	10.79	10.55	0.00	56.30	10.79	10.55	0.00
50.70	10.79	10.55	0.00	56.40	10.79	10.55	0.00
50.80	10.79	10.55	0.00	56.50	10.79	10.55	0.00
50.90	10.79	10.55	0.00	56.60	10.79	10.55	0.00
51.00	10.79	10.55	0.00	56.70	10.79	10.55	0.00
51.10	10.79	10.55	0.00	56.80	10.79	10.55	0.00
51.20	10.79	10.55	0.00	56.90	10.79	10.55	0.00

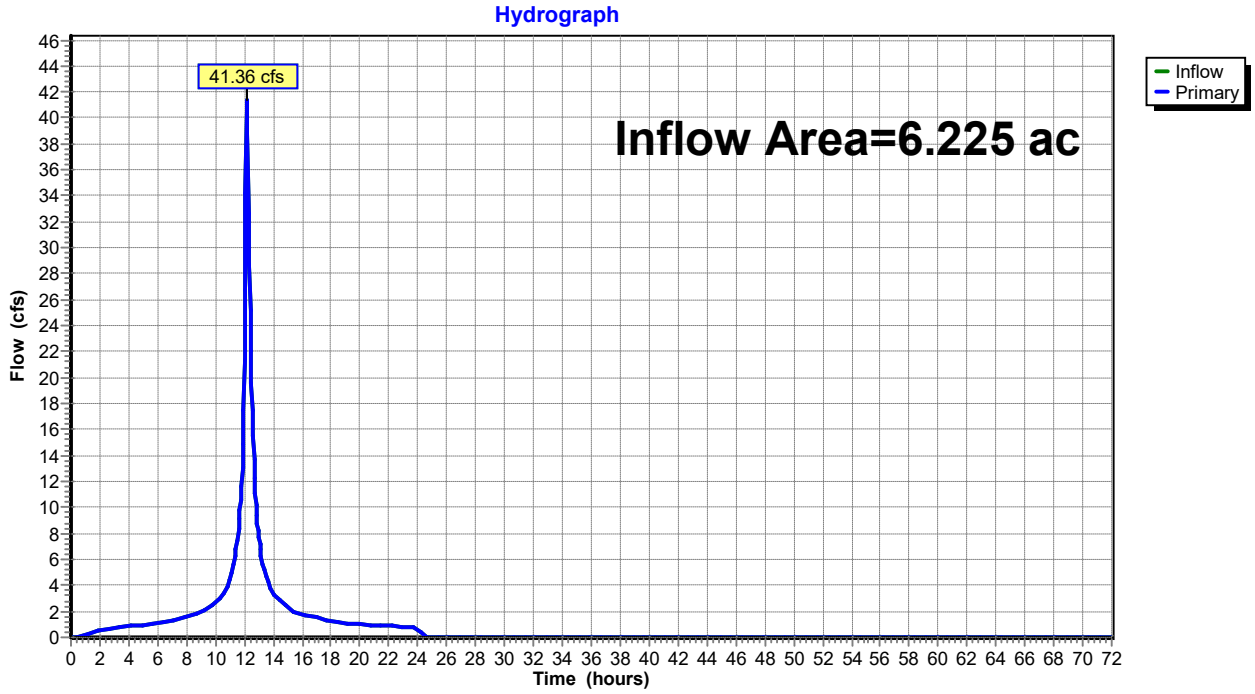
Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
57.00	10.79	10.55	0.00	62.70	10.79	10.55	0.00
57.10	10.79	10.55	0.00	62.80	10.79	10.55	0.00
57.20	10.79	10.55	0.00	62.90	10.79	10.55	0.00
57.30	10.79	10.55	0.00	63.00	10.79	10.55	0.00
57.40	10.79	10.55	0.00	63.10	10.79	10.55	0.00
57.50	10.79	10.55	0.00	63.20	10.79	10.55	0.00
57.60	10.79	10.55	0.00	63.30	10.79	10.55	0.00
57.70	10.79	10.55	0.00	63.40	10.79	10.55	0.00
57.80	10.79	10.55	0.00	63.50	10.79	10.55	0.00
57.90	10.79	10.55	0.00	63.60	10.79	10.55	0.00
58.00	10.79	10.55	0.00	63.70	10.79	10.55	0.00
58.10	10.79	10.55	0.00	63.80	10.79	10.55	0.00
58.20	10.79	10.55	0.00	63.90	10.79	10.55	0.00
58.30	10.79	10.55	0.00	64.00	10.79	10.55	0.00
58.40	10.79	10.55	0.00	64.10	10.79	10.55	0.00
58.50	10.79	10.55	0.00	64.20	10.79	10.55	0.00
58.60	10.79	10.55	0.00	64.30	10.79	10.55	0.00
58.70	10.79	10.55	0.00	64.40	10.79	10.55	0.00
58.80	10.79	10.55	0.00	64.50	10.79	10.55	0.00
58.90	10.79	10.55	0.00	64.60	10.79	10.55	0.00
59.00	10.79	10.55	0.00	64.70	10.79	10.55	0.00
59.10	10.79	10.55	0.00	64.80	10.79	10.55	0.00
59.20	10.79	10.55	0.00	64.90	10.79	10.55	0.00
59.30	10.79	10.55	0.00	65.00	10.79	10.55	0.00
59.40	10.79	10.55	0.00	65.10	10.79	10.55	0.00
59.50	10.79	10.55	0.00	65.20	10.79	10.55	0.00
59.60	10.79	10.55	0.00	65.30	10.79	10.55	0.00
59.70	10.79	10.55	0.00	65.40	10.79	10.55	0.00
59.80	10.79	10.55	0.00	65.50	10.79	10.55	0.00
59.90	10.79	10.55	0.00	65.60	10.79	10.55	0.00
60.00	10.79	10.55	0.00	65.70	10.79	10.55	0.00
60.10	10.79	10.55	0.00	65.80	10.79	10.55	0.00
60.20	10.79	10.55	0.00	65.90	10.79	10.55	0.00
60.30	10.79	10.55	0.00	66.00	10.79	10.55	0.00
60.40	10.79	10.55	0.00	66.10	10.79	10.55	0.00
60.50	10.79	10.55	0.00	66.20	10.79	10.55	0.00
60.60	10.79	10.55	0.00	66.30	10.79	10.55	0.00
60.70	10.79	10.55	0.00	66.40	10.79	10.55	0.00
60.80	10.79	10.55	0.00	66.50	10.79	10.55	0.00
60.90	10.79	10.55	0.00	66.60	10.79	10.55	0.00
61.00	10.79	10.55	0.00	66.70	10.79	10.55	0.00
61.10	10.79	10.55	0.00	66.80	10.79	10.55	0.00
61.20	10.79	10.55	0.00	66.90	10.79	10.55	0.00
61.30	10.79	10.55	0.00	67.00	10.79	10.55	0.00
61.40	10.79	10.55	0.00	67.10	10.79	10.55	0.00
61.50	10.79	10.55	0.00	67.20	10.79	10.55	0.00
61.60	10.79	10.55	0.00	67.30	10.79	10.55	0.00
61.70	10.79	10.55	0.00	67.40	10.79	10.55	0.00
61.80	10.79	10.55	0.00	67.50	10.79	10.55	0.00
61.90	10.79	10.55	0.00	67.60	10.79	10.55	0.00
62.00	10.79	10.55	0.00	67.70	10.79	10.55	0.00
62.10	10.79	10.55	0.00	67.80	10.79	10.55	0.00
62.20	10.79	10.55	0.00	67.90	10.79	10.55	0.00
62.30	10.79	10.55	0.00	68.00	10.79	10.55	0.00
62.40	10.79	10.55	0.00	68.10	10.79	10.55	0.00
62.50	10.79	10.55	0.00	68.20	10.79	10.55	0.00
62.60	10.79	10.55	0.00	68.30	10.79	10.55	0.00

Hydrograph for Subcatchment 9S: PDA 2-Impervious (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
68.40	10.79	10.55	0.00
68.50	10.79	10.55	0.00
68.60	10.79	10.55	0.00
68.70	10.79	10.55	0.00
68.80	10.79	10.55	0.00
68.90	10.79	10.55	0.00
69.00	10.79	10.55	0.00
69.10	10.79	10.55	0.00
69.20	10.79	10.55	0.00
69.30	10.79	10.55	0.00
69.40	10.79	10.55	0.00
69.50	10.79	10.55	0.00
69.60	10.79	10.55	0.00
69.70	10.79	10.55	0.00
69.80	10.79	10.55	0.00
69.90	10.79	10.55	0.00
70.00	10.79	10.55	0.00
70.10	10.79	10.55	0.00
70.20	10.79	10.55	0.00
70.30	10.79	10.55	0.00
70.40	10.79	10.55	0.00
70.50	10.79	10.55	0.00
70.60	10.79	10.55	0.00
70.70	10.79	10.55	0.00
70.80	10.79	10.55	0.00
70.90	10.79	10.55	0.00
71.00	10.79	10.55	0.00
71.10	10.79	10.55	0.00
71.20	10.79	10.55	0.00
71.30	10.79	10.55	0.00
71.40	10.79	10.55	0.00
71.50	10.79	10.55	0.00
71.60	10.79	10.55	0.00
71.70	10.79	10.55	0.00
71.80	10.79	10.55	0.00
71.90	10.79	10.55	0.00
72.00	10.79	10.55	0.00

Link 8L: POA-1


Hydrograph
41.36 cfs
Inflow Area=6.225 ac
Inflow
Primary
Flow (cfs)
Time (hours)

Hydrograph for Link 8L: POA-1

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	1.02	0.00	1.02
0.10	0.00	0.00	0.00	5.80	1.03	0.00	1.03
0.20	0.00	0.00	0.00	5.90	1.04	0.00	1.04
0.30	0.00	0.00	0.00	6.00	1.05	0.00	1.05
0.40	0.00	0.00	0.00	6.10	1.06	0.00	1.06
0.50	0.02	0.00	0.02	6.20	1.08	0.00	1.08
0.60	0.06	0.00	0.06	6.30	1.10	0.00	1.10
0.70	0.11	0.00	0.11	6.40	1.13	0.00	1.13
0.80	0.16	0.00	0.16	6.50	1.16	0.00	1.16
0.90	0.22	0.00	0.22	6.60	1.18	0.00	1.18
1.00	0.27	0.00	0.27	6.70	1.21	0.00	1.21
1.10	0.31	0.00	0.31	6.80	1.24	0.00	1.24
1.20	0.36	0.00	0.36	6.90	1.27	0.00	1.27
1.30	0.39	0.00	0.39	7.00	1.30	0.00	1.30
1.40	0.43	0.00	0.43	7.10	1.33	0.00	1.33
1.50	0.46	0.00	0.46	7.20	1.36	0.00	1.36
1.60	0.49	0.00	0.49	7.30	1.38	0.00	1.38
1.70	0.52	0.00	0.52	7.40	1.41	0.00	1.41
1.80	0.54	0.00	0.54	7.50	1.44	0.00	1.44
1.90	0.56	0.00	0.56	7.60	1.47	0.00	1.47
2.00	0.59	0.00	0.59	7.70	1.50	0.00	1.50
2.10	0.61	0.00	0.61	7.80	1.53	0.00	1.53
2.20	0.63	0.00	0.63	7.90	1.56	0.00	1.56
2.30	0.65	0.00	0.65	8.00	1.58	0.00	1.58
2.40	0.66	0.00	0.66	8.10	1.61	0.00	1.61
2.50	0.68	0.00	0.68	8.20	1.64	0.00	1.64
2.60	0.69	0.00	0.69	8.30	1.67	0.00	1.67
2.70	0.71	0.00	0.71	8.40	1.70	0.00	1.70
2.80	0.72	0.00	0.72	8.50	1.73	0.00	1.73
2.90	0.74	0.00	0.74	8.60	1.76	0.00	1.76
3.00	0.75	0.00	0.75	8.70	1.79	0.00	1.79
3.10	0.76	0.00	0.76	8.80	1.82	0.00	1.82
3.20	0.78	0.00	0.78	8.90	1.84	0.00	1.84
3.30	0.79	0.00	0.79	9.00	1.87	0.00	1.87
3.40	0.80	0.00	0.80	9.10	1.91	0.00	1.91
3.50	0.81	0.00	0.81	9.20	1.98	0.00	1.98
3.60	0.83	0.00	0.83	9.30	2.06	0.00	2.06
3.70	0.84	0.00	0.84	9.40	2.15	0.00	2.15
3.80	0.85	0.00	0.85	9.50	2.24	0.00	2.24
3.90	0.86	0.00	0.86	9.60	2.34	0.00	2.34
4.00	0.87	0.00	0.87	9.70	2.44	0.00	2.44
4.10	0.88	0.00	0.88	9.80	2.54	0.00	2.54
4.20	0.89	0.00	0.89	9.90	2.64	0.00	2.64
4.30	0.90	0.00	0.90	10.00	2.74	0.00	2.74
4.40	0.91	0.00	0.91	10.10	2.84	0.00	2.84
4.50	0.92	0.00	0.92	10.20	2.94	0.00	2.94
4.60	0.93	0.00	0.93	10.30	3.04	0.00	3.04
4.70	0.94	0.00	0.94	10.40	3.14	0.00	3.14
4.80	0.94	0.00	0.94	10.50	3.24	0.00	3.24
4.90	0.95	0.00	0.95	10.60	3.38	0.00	3.38
5.00	0.96	0.00	0.96	10.70	3.62	0.00	3.62
5.10	0.97	0.00	0.97	10.80	3.92	0.00	3.92
5.20	0.98	0.00	0.98	10.90	4.25	0.00	4.25
5.30	0.99	0.00	0.99	11.00	4.59	0.00	4.59
5.40	1.00	0.00	1.00	11.10	5.00	0.00	5.00
5.50	1.01	0.00	1.01	11.20	5.50	0.00	5.50
5.60	1.02	0.00	1.02	11.30	6.07	0.00	6.07

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	6.67	0.00	6.67	17.10	1.49	0.00	1.49
11.50	7.30	0.00	7.30	17.20	1.46	0.00	1.46
11.60	8.34	0.00	8.34	17.30	1.43	0.00	1.43
11.70	9.80	0.00	9.80	17.40	1.40	0.00	1.40
11.80	11.60	0.00	11.60	17.50	1.37	0.00	1.37
11.90	14.92	0.00	14.92	17.60	1.34	0.00	1.34
12.00	21.45	0.00	21.45	17.70	1.31	0.00	1.31
12.10	34.23	0.00	34.23	17.80	1.29	0.00	1.29
12.20	**40.86**	0.00	**40.86**	17.90	1.26	0.00	1.26
12.30	32.58	0.00	32.58	18.00	1.23	0.00	1.23
12.40	25.15	0.00	25.15	18.10	1.20	0.00	1.20
12.50	19.58	0.00	19.58	18.20	1.17	0.00	1.17
12.60	15.56	0.00	15.56	18.30	1.16	0.00	1.16
12.70	12.26	0.00	12.26	18.40	1.14	0.00	1.14
12.80	10.12	0.00	10.12	18.50	1.13	0.00	1.13
12.90	8.72	0.00	8.72	18.60	1.12	0.00	1.12
13.00	7.66	0.00	7.66	18.70	1.12	0.00	1.12
13.10	6.76	0.00	6.76	18.80	1.11	0.00	1.11
13.20	6.07	0.00	6.07	18.90	1.10	0.00	1.10
13.30	5.53	0.00	5.53	19.00	1.09	0.00	1.09
13.40	5.07	0.00	5.07	19.10	1.09	0.00	1.09
13.50	4.65	0.00	4.65	19.20	1.08	0.00	1.08
13.60	4.26	0.00	4.26	19.30	1.07	0.00	1.07
13.70	3.92	0.00	3.92	19.40	1.06	0.00	1.06
13.80	3.69	0.00	3.69	19.50	1.06	0.00	1.06
13.90	3.51	0.00	3.51	19.60	1.05	0.00	1.05
14.00	3.37	0.00	3.37	19.70	1.04	0.00	1.04
14.10	3.25	0.00	3.25	19.80	1.04	0.00	1.04
14.20	3.13	0.00	3.13	19.90	1.03	0.00	1.03
14.30	3.03	0.00	3.03	20.00	1.02	0.00	1.02
14.40	2.92	0.00	2.92	20.10	1.01	0.00	1.01
14.50	2.82	0.00	2.82	20.20	1.01	0.00	1.01
14.60	2.72	0.00	2.72	20.30	1.00	0.00	1.00
14.70	2.61	0.00	2.61	20.40	0.99	0.00	0.99
14.80	2.51	0.00	2.51	20.50	0.99	0.00	0.99
14.90	2.41	0.00	2.41	20.60	0.98	0.00	0.98
15.00	2.31	0.00	2.31	20.70	0.97	0.00	0.97
15.10	2.20	0.00	2.20	20.80	0.96	0.00	0.96
15.20	2.11	0.00	2.11	20.90	0.96	0.00	0.96
15.30	2.05	0.00	2.05	21.00	0.95	0.00	0.95
15.40	2.00	0.00	2.00	21.10	0.94	0.00	0.94
15.50	1.96	0.00	1.96	21.20	0.93	0.00	0.93
15.60	1.93	0.00	1.93	21.30	0.93	0.00	0.93
15.70	1.90	0.00	1.90	21.40	0.92	0.00	0.92
15.80	1.87	0.00	1.87	21.50	0.91	0.00	0.91
15.90	1.84	0.00	1.84	21.60	0.91	0.00	0.91
16.00	1.81	0.00	1.81	21.70	0.90	0.00	0.90
16.10	1.78	0.00	1.78	21.80	0.89	0.00	0.89
16.20	1.75	0.00	1.75	21.90	0.88	0.00	0.88
16.30	1.72	0.00	1.72	22.00	0.88	0.00	0.88
16.40	1.69	0.00	1.69	22.10	0.87	0.00	0.87
16.50	1.66	0.00	1.66	22.20	0.86	0.00	0.86
16.60	1.63	0.00	1.63	22.30	0.86	0.00	0.86
16.70	1.61	0.00	1.61	22.40	0.85	0.00	0.85
16.80	1.58	0.00	1.58	22.50	0.84	0.00	0.84
16.90	1.55	0.00	1.55	22.60	0.83	0.00	0.83
17.00	1.52	0.00	1.52	22.70	0.83	0.00	0.83

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.82	0.00	0.82	28.50	0.00	0.00	0.00
22.90	0.81	0.00	0.81	28.60	0.00	0.00	0.00
23.00	0.80	0.00	0.80	28.70	0.00	0.00	0.00
23.10	0.80	0.00	0.80	28.80	0.00	0.00	0.00
23.20	0.79	0.00	0.79	28.90	0.00	0.00	0.00
23.30	0.78	0.00	0.78	29.00	0.00	0.00	0.00
23.40	0.77	0.00	0.77	29.10	0.00	0.00	0.00
23.50	0.77	0.00	0.77	29.20	0.00	0.00	0.00
23.60	0.76	0.00	0.76	29.30	0.00	0.00	0.00
23.70	0.75	0.00	0.75	29.40	0.00	0.00	0.00
23.80	0.75	0.00	0.75	29.50	0.00	0.00	0.00
23.90	0.74	0.00	0.74	29.60	0.00	0.00	0.00
24.00	0.73	0.00	0.73	29.70	0.00	0.00	0.00
24.10	0.60	0.00	0.60	29.80	0.00	0.00	0.00
24.20	0.34	0.00	0.34	29.90	0.00	0.00	0.00
24.30	0.19	0.00	0.19	30.00	0.00	0.00	0.00
24.40	0.10	0.00	0.10	30.10	0.00	0.00	0.00
24.50	0.05	0.00	0.05	30.20	0.00	0.00	0.00
24.60	0.02	0.00	0.02	30.30	0.00	0.00	0.00
24.70	0.01	0.00	0.01	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

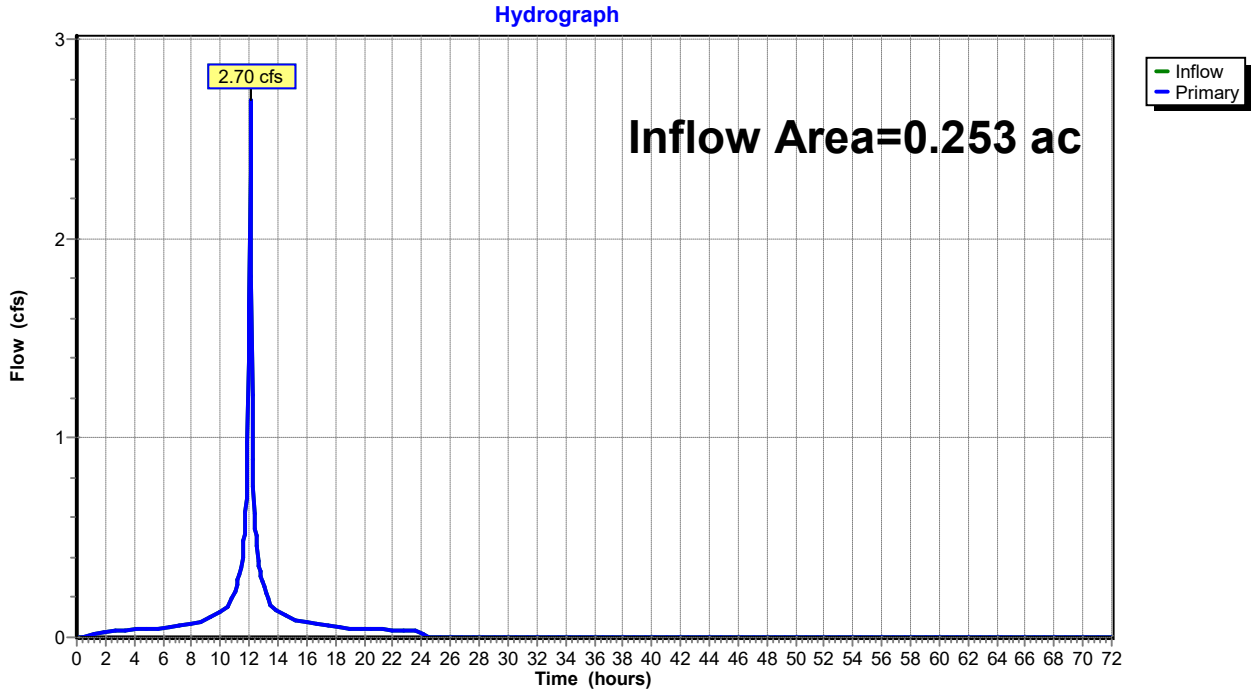
Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 8L: POA-1 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Link 10L: POA-2



Hydrograph for Link 10L: POA-2

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
0.00	0.00	**0.00**	0.00	5.70	0.05	0.00	0.05
0.10	0.00	0.00	0.00	5.80	0.05	0.00	0.05
0.20	0.00	0.00	0.00	5.90	0.05	0.00	0.05
0.30	0.00	0.00	0.00	6.00	0.05	0.00	0.05
0.40	0.00	0.00	0.00	6.10	0.05	0.00	0.05
0.50	0.00	0.00	0.00	6.20	0.05	0.00	0.05
0.60	0.01	0.00	0.01	6.30	0.05	0.00	0.05
0.70	0.01	0.00	0.01	6.40	0.05	0.00	0.05
0.80	0.01	0.00	0.01	6.50	0.05	0.00	0.05
0.90	0.01	0.00	0.01	6.60	0.05	0.00	0.05
1.00	0.02	0.00	0.02	6.70	0.05	0.00	0.05
1.10	0.02	0.00	0.02	6.80	0.06	0.00	0.06
1.20	0.02	0.00	0.02	6.90	0.06	0.00	0.06
1.30	0.02	0.00	0.02	7.00	0.06	0.00	0.06
1.40	0.02	0.00	0.02	7.10	0.06	0.00	0.06
1.50	0.02	0.00	0.02	7.20	0.06	0.00	0.06
1.60	0.02	0.00	0.02	7.30	0.06	0.00	0.06
1.70	0.02	0.00	0.02	7.40	0.06	0.00	0.06
1.80	0.03	0.00	0.03	7.50	0.07	0.00	0.07
1.90	0.03	0.00	0.03	7.60	0.07	0.00	0.07
2.00	0.03	0.00	0.03	7.70	0.07	0.00	0.07
2.10	0.03	0.00	0.03	7.80	0.07	0.00	0.07
2.20	0.03	0.00	0.03	7.90	0.07	0.00	0.07
2.30	0.03	0.00	0.03	8.00	0.07	0.00	0.07
2.40	0.03	0.00	0.03	8.10	0.07	0.00	0.07
2.50	0.03	0.00	0.03	8.20	0.07	0.00	0.07
2.60	0.03	0.00	0.03	8.30	0.07	0.00	0.07
2.70	0.03	0.00	0.03	8.40	0.08	0.00	0.08
2.80	0.03	0.00	0.03	8.50	0.08	0.00	0.08
2.90	0.03	0.00	0.03	8.60	0.08	0.00	0.08
3.00	0.03	0.00	0.03	8.70	0.08	0.00	0.08
3.10	0.03	0.00	0.03	8.80	0.08	0.00	0.08
3.20	0.03	0.00	0.03	8.90	0.08	0.00	0.08
3.30	0.04	0.00	0.04	9.00	0.08	0.00	0.08
3.40	0.04	0.00	0.04	9.10	0.09	0.00	0.09
3.50	0.04	0.00	0.04	9.20	0.09	0.00	0.09
3.60	0.04	0.00	0.04	9.30	0.10	0.00	0.10
3.70	0.04	0.00	0.04	9.40	0.10	0.00	0.10
3.80	0.04	0.00	0.04	9.50	0.11	0.00	0.11
3.90	0.04	0.00	0.04	9.60	0.11	0.00	0.11
4.00	0.04	0.00	0.04	9.70	0.11	0.00	0.11
4.10	0.04	0.00	0.04	9.80	0.12	0.00	0.12
4.20	0.04	0.00	0.04	9.90	0.12	0.00	0.12
4.30	0.04	0.00	0.04	10.00	0.13	0.00	0.13
4.40	0.04	0.00	0.04	10.10	0.13	0.00	0.13
4.50	0.04	0.00	0.04	10.20	0.14	0.00	0.14
4.60	0.04	0.00	0.04	10.30	0.14	0.00	0.14
4.70	0.04	0.00	0.04	10.40	0.14	0.00	0.14
4.80	0.04	0.00	0.04	10.50	0.15	0.00	0.15
4.90	0.04	0.00	0.04	10.60	0.16	0.00	0.16
5.00	0.04	0.00	0.04	10.70	0.18	0.00	0.18
5.10	0.04	0.00	0.04	10.80	0.20	0.00	0.20
5.20	0.04	0.00	0.04	10.90	0.21	0.00	0.21
5.30	0.04	0.00	0.04	11.00	0.23	0.00	0.23
5.40	0.04	0.00	0.04	11.10	0.25	0.00	0.25
5.50	0.04	0.00	0.04	11.20	0.28	0.00	0.28
5.60	0.04	0.00	0.04	11.30	0.31	0.00	0.31

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
11.40	0.34	0.00	0.34	17.10	0.06	0.00	0.06
11.50	0.37	0.00	0.37	17.20	0.06	0.00	0.06
11.60	0.48	0.00	0.48	17.30	0.06	0.00	0.06
11.70	0.52	0.00	0.52	17.40	0.06	0.00	0.06
11.80	0.70	0.00	0.70	17.50	0.06	0.00	0.06
11.90	0.98	0.00	0.98	17.60	0.05	0.00	0.05
12.00	1.66	0.00	1.66	17.70	0.05	0.00	0.05
12.10	**2.67**	0.00	**2.67**	17.80	0.05	0.00	0.05
12.20	1.21	0.00	1.21	17.90	0.05	0.00	0.05
12.30	0.75	0.00	0.75	18.00	0.05	0.00	0.05
12.40	0.55	0.00	0.55	18.10	0.05	0.00	0.05
12.50	0.50	0.00	0.50	18.20	0.05	0.00	0.05
12.60	0.38	0.00	0.38	18.30	0.05	0.00	0.05
12.70	0.34	0.00	0.34	18.40	0.05	0.00	0.05
12.80	0.32	0.00	0.32	18.50	0.05	0.00	0.05
12.90	0.29	0.00	0.29	18.60	0.05	0.00	0.05
13.00	0.26	0.00	0.26	18.70	0.05	0.00	0.05
13.10	0.23	0.00	0.23	18.80	0.05	0.00	0.05
13.20	0.22	0.00	0.22	18.90	0.05	0.00	0.05
13.30	0.20	0.00	0.20	19.00	0.05	0.00	0.05
13.40	0.18	0.00	0.18	19.10	0.05	0.00	0.05
13.50	0.17	0.00	0.17	19.20	0.04	0.00	0.04
13.60	0.15	0.00	0.15	19.30	0.04	0.00	0.04
13.70	0.15	0.00	0.15	19.40	0.04	0.00	0.04
13.80	0.14	0.00	0.14	19.50	0.04	0.00	0.04
13.90	0.14	0.00	0.14	19.60	0.04	0.00	0.04
14.00	0.13	0.00	0.13	19.70	0.04	0.00	0.04
14.10	0.13	0.00	0.13	19.80	0.04	0.00	0.04
14.20	0.12	0.00	0.12	19.90	0.04	0.00	0.04
14.30	0.12	0.00	0.12	20.00	0.04	0.00	0.04
14.40	0.12	0.00	0.12	20.10	0.04	0.00	0.04
14.50	0.11	0.00	0.11	20.20	0.04	0.00	0.04
14.60	0.11	0.00	0.11	20.30	0.04	0.00	0.04
14.70	0.10	0.00	0.10	20.40	0.04	0.00	0.04
14.80	0.10	0.00	0.10	20.50	0.04	0.00	0.04
14.90	0.09	0.00	0.09	20.60	0.04	0.00	0.04
15.00	0.09	0.00	0.09	20.70	0.04	0.00	0.04
15.10	0.09	0.00	0.09	20.80	0.04	0.00	0.04
15.20	0.08	0.00	0.08	20.90	0.04	0.00	0.04
15.30	0.08	0.00	0.08	21.00	0.04	0.00	0.04
15.40	0.08	0.00	0.08	21.10	0.04	0.00	0.04
15.50	0.08	0.00	0.08	21.20	0.04	0.00	0.04
15.60	0.08	0.00	0.08	21.30	0.04	0.00	0.04
15.70	0.08	0.00	0.08	21.40	0.04	0.00	0.04
15.80	0.08	0.00	0.08	21.50	0.04	0.00	0.04
15.90	0.08	0.00	0.08	21.60	0.04	0.00	0.04
16.00	0.07	0.00	0.07	21.70	0.04	0.00	0.04
16.10	0.07	0.00	0.07	21.80	0.04	0.00	0.04
16.20	0.07	0.00	0.07	21.90	0.04	0.00	0.04
16.30	0.07	0.00	0.07	22.00	0.04	0.00	0.04
16.40	0.07	0.00	0.07	22.10	0.04	0.00	0.04
16.50	0.07	0.00	0.07	22.20	0.04	0.00	0.04
16.60	0.07	0.00	0.07	22.30	0.04	0.00	0.04
16.70	0.07	0.00	0.07	22.40	0.03	0.00	0.03
16.80	0.06	0.00	0.06	22.50	0.03	0.00	0.03
16.90	0.06	0.00	0.06	22.60	0.03	0.00	0.03
17.00	0.06	0.00	0.06	22.70	0.03	0.00	0.03

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
22.80	0.03	0.00	0.03	28.50	0.00	0.00	0.00
22.90	0.03	0.00	0.03	28.60	0.00	0.00	0.00
23.00	0.03	0.00	0.03	28.70	0.00	0.00	0.00
23.10	0.03	0.00	0.03	28.80	0.00	0.00	0.00
23.20	0.03	0.00	0.03	28.90	0.00	0.00	0.00
23.30	0.03	0.00	0.03	29.00	0.00	0.00	0.00
23.40	0.03	0.00	0.03	29.10	0.00	0.00	0.00
23.50	0.03	0.00	0.03	29.20	0.00	0.00	0.00
23.60	0.03	0.00	0.03	29.30	0.00	0.00	0.00
23.70	0.03	0.00	0.03	29.40	0.00	0.00	0.00
23.80	0.03	0.00	0.03	29.50	0.00	0.00	0.00
23.90	0.03	0.00	0.03	29.60	0.00	0.00	0.00
24.00	0.03	0.00	0.03	29.70	0.00	0.00	0.00
24.10	0.00	0.00	0.00	29.80	0.00	0.00	0.00
24.20	0.00	0.00	0.00	29.90	0.00	0.00	0.00
24.30	0.00	0.00	0.00	30.00	0.00	0.00	0.00
24.40	0.00	0.00	0.00	30.10	0.00	0.00	0.00
24.50	0.00	0.00	0.00	30.20	0.00	0.00	0.00
24.60	0.00	0.00	0.00	30.30	0.00	0.00	0.00
24.70	0.00	0.00	0.00	30.40	0.00	0.00	0.00
24.80	0.00	0.00	0.00	30.50	0.00	0.00	0.00
24.90	0.00	0.00	0.00	30.60	0.00	0.00	0.00
25.00	0.00	0.00	0.00	30.70	0.00	0.00	0.00
25.10	0.00	0.00	0.00	30.80	0.00	0.00	0.00
25.20	0.00	0.00	0.00	30.90	0.00	0.00	0.00
25.30	0.00	0.00	0.00	31.00	0.00	0.00	0.00
25.40	0.00	0.00	0.00	31.10	0.00	0.00	0.00
25.50	0.00	0.00	0.00	31.20	0.00	0.00	0.00
25.60	0.00	0.00	0.00	31.30	0.00	0.00	0.00
25.70	0.00	0.00	0.00	31.40	0.00	0.00	0.00
25.80	0.00	0.00	0.00	31.50	0.00	0.00	0.00
25.90	0.00	0.00	0.00	31.60	0.00	0.00	0.00
26.00	0.00	0.00	0.00	31.70	0.00	0.00	0.00
26.10	0.00	0.00	0.00	31.80	0.00	0.00	0.00
26.20	0.00	0.00	0.00	31.90	0.00	0.00	0.00
26.30	0.00	0.00	0.00	32.00	0.00	0.00	0.00
26.40	0.00	0.00	0.00	32.10	0.00	0.00	0.00
26.50	0.00	0.00	0.00	32.20	0.00	0.00	0.00
26.60	0.00	0.00	0.00	32.30	0.00	0.00	0.00
26.70	0.00	0.00	0.00	32.40	0.00	0.00	0.00
26.80	0.00	0.00	0.00	32.50	0.00	0.00	0.00
26.90	0.00	0.00	0.00	32.60	0.00	0.00	0.00
27.00	0.00	0.00	0.00	32.70	0.00	0.00	0.00
27.10	0.00	0.00	0.00	32.80	0.00	0.00	0.00
27.20	0.00	0.00	0.00	32.90	0.00	0.00	0.00
27.30	0.00	0.00	0.00	33.00	0.00	0.00	0.00
27.40	0.00	0.00	0.00	33.10	0.00	0.00	0.00
27.50	0.00	0.00	0.00	33.20	0.00	0.00	0.00
27.60	0.00	0.00	0.00	33.30	0.00	0.00	0.00
27.70	0.00	0.00	0.00	33.40	0.00	0.00	0.00
27.80	0.00	0.00	0.00	33.50	0.00	0.00	0.00
27.90	0.00	0.00	0.00	33.60	0.00	0.00	0.00
28.00	0.00	0.00	0.00	33.70	0.00	0.00	0.00
28.10	0.00	0.00	0.00	33.80	0.00	0.00	0.00
28.20	0.00	0.00	0.00	33.90	0.00	0.00	0.00
28.30	0.00	0.00	0.00	34.00	0.00	0.00	0.00
28.40	0.00	0.00	0.00	34.10	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
34.20	0.00	0.00	0.00	39.90	0.00	0.00	0.00
34.30	0.00	0.00	0.00	40.00	0.00	0.00	0.00
34.40	0.00	0.00	0.00	40.10	0.00	0.00	0.00
34.50	0.00	0.00	0.00	40.20	0.00	0.00	0.00
34.60	0.00	0.00	0.00	40.30	0.00	0.00	0.00
34.70	0.00	0.00	0.00	40.40	0.00	0.00	0.00
34.80	0.00	0.00	0.00	40.50	0.00	0.00	0.00
34.90	0.00	0.00	0.00	40.60	0.00	0.00	0.00
35.00	0.00	0.00	0.00	40.70	0.00	0.00	0.00
35.10	0.00	0.00	0.00	40.80	0.00	0.00	0.00
35.20	0.00	0.00	0.00	40.90	0.00	0.00	0.00
35.30	0.00	0.00	0.00	41.00	0.00	0.00	0.00
35.40	0.00	0.00	0.00	41.10	0.00	0.00	0.00
35.50	0.00	0.00	0.00	41.20	0.00	0.00	0.00
35.60	0.00	0.00	0.00	41.30	0.00	0.00	0.00
35.70	0.00	0.00	0.00	41.40	0.00	0.00	0.00
35.80	0.00	0.00	0.00	41.50	0.00	0.00	0.00
35.90	0.00	0.00	0.00	41.60	0.00	0.00	0.00
36.00	0.00	0.00	0.00	41.70	0.00	0.00	0.00
36.10	0.00	0.00	0.00	41.80	0.00	0.00	0.00
36.20	0.00	0.00	0.00	41.90	0.00	0.00	0.00
36.30	0.00	0.00	0.00	42.00	0.00	0.00	0.00
36.40	0.00	0.00	0.00	42.10	0.00	0.00	0.00
36.50	0.00	0.00	0.00	42.20	0.00	0.00	0.00
36.60	0.00	0.00	0.00	42.30	0.00	0.00	0.00
36.70	0.00	0.00	0.00	42.40	0.00	0.00	0.00
36.80	0.00	0.00	0.00	42.50	0.00	0.00	0.00
36.90	0.00	0.00	0.00	42.60	0.00	0.00	0.00
37.00	0.00	0.00	0.00	42.70	0.00	0.00	0.00
37.10	0.00	0.00	0.00	42.80	0.00	0.00	0.00
37.20	0.00	0.00	0.00	42.90	0.00	0.00	0.00
37.30	0.00	0.00	0.00	43.00	0.00	0.00	0.00
37.40	0.00	0.00	0.00	43.10	0.00	0.00	0.00
37.50	0.00	0.00	0.00	43.20	0.00	0.00	0.00
37.60	0.00	0.00	0.00	43.30	0.00	0.00	0.00
37.70	0.00	0.00	0.00	43.40	0.00	0.00	0.00
37.80	0.00	0.00	0.00	43.50	0.00	0.00	0.00
37.90	0.00	0.00	0.00	43.60	0.00	0.00	0.00
38.00	0.00	0.00	0.00	43.70	0.00	0.00	0.00
38.10	0.00	0.00	0.00	43.80	0.00	0.00	0.00
38.20	0.00	0.00	0.00	43.90	0.00	0.00	0.00
38.30	0.00	0.00	0.00	44.00	0.00	0.00	0.00
38.40	0.00	0.00	0.00	44.10	0.00	0.00	0.00
38.50	0.00	0.00	0.00	44.20	0.00	0.00	0.00
38.60	0.00	0.00	0.00	44.30	0.00	0.00	0.00
38.70	0.00	0.00	0.00	44.40	0.00	0.00	0.00
38.80	0.00	0.00	0.00	44.50	0.00	0.00	0.00
38.90	0.00	0.00	0.00	44.60	0.00	0.00	0.00
39.00	0.00	0.00	0.00	44.70	0.00	0.00	0.00
39.10	0.00	0.00	0.00	44.80	0.00	0.00	0.00
39.20	0.00	0.00	0.00	44.90	0.00	0.00	0.00
39.30	0.00	0.00	0.00	45.00	0.00	0.00	0.00
39.40	0.00	0.00	0.00	45.10	0.00	0.00	0.00
39.50	0.00	0.00	0.00	45.20	0.00	0.00	0.00
39.60	0.00	0.00	0.00	45.30	0.00	0.00	0.00
39.70	0.00	0.00	0.00	45.40	0.00	0.00	0.00
39.80	0.00	0.00	0.00	45.50	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
45.60	0.00	0.00	0.00	51.30	0.00	0.00	0.00
45.70	0.00	0.00	0.00	51.40	0.00	0.00	0.00
45.80	0.00	0.00	0.00	51.50	0.00	0.00	0.00
45.90	0.00	0.00	0.00	51.60	0.00	0.00	0.00
46.00	0.00	0.00	0.00	51.70	0.00	0.00	0.00
46.10	0.00	0.00	0.00	51.80	0.00	0.00	0.00
46.20	0.00	0.00	0.00	51.90	0.00	0.00	0.00
46.30	0.00	0.00	0.00	52.00	0.00	0.00	0.00
46.40	0.00	0.00	0.00	52.10	0.00	0.00	0.00
46.50	0.00	0.00	0.00	52.20	0.00	0.00	0.00
46.60	0.00	0.00	0.00	52.30	0.00	0.00	0.00
46.70	0.00	0.00	0.00	52.40	0.00	0.00	0.00
46.80	0.00	0.00	0.00	52.50	0.00	0.00	0.00
46.90	0.00	0.00	0.00	52.60	0.00	0.00	0.00
47.00	0.00	0.00	0.00	52.70	0.00	0.00	0.00
47.10	0.00	0.00	0.00	52.80	0.00	0.00	0.00
47.20	0.00	0.00	0.00	52.90	0.00	0.00	0.00
47.30	0.00	0.00	0.00	53.00	0.00	0.00	0.00
47.40	0.00	0.00	0.00	53.10	0.00	0.00	0.00
47.50	0.00	0.00	0.00	53.20	0.00	0.00	0.00
47.60	0.00	0.00	0.00	53.30	0.00	0.00	0.00
47.70	0.00	0.00	0.00	53.40	0.00	0.00	0.00
47.80	0.00	0.00	0.00	53.50	0.00	0.00	0.00
47.90	0.00	0.00	0.00	53.60	0.00	0.00	0.00
48.00	0.00	0.00	0.00	53.70	0.00	0.00	0.00
48.10	0.00	0.00	0.00	53.80	0.00	0.00	0.00
48.20	0.00	0.00	0.00	53.90	0.00	0.00	0.00
48.30	0.00	0.00	0.00	54.00	0.00	0.00	0.00
48.40	0.00	0.00	0.00	54.10	0.00	0.00	0.00
48.50	0.00	0.00	0.00	54.20	0.00	0.00	0.00
48.60	0.00	0.00	0.00	54.30	0.00	0.00	0.00
48.70	0.00	0.00	0.00	54.40	0.00	0.00	0.00
48.80	0.00	0.00	0.00	54.50	0.00	0.00	0.00
48.90	0.00	0.00	0.00	54.60	0.00	0.00	0.00
49.00	0.00	0.00	0.00	54.70	0.00	0.00	0.00
49.10	0.00	0.00	0.00	54.80	0.00	0.00	0.00
49.20	0.00	0.00	0.00	54.90	0.00	0.00	0.00
49.30	0.00	0.00	0.00	55.00	0.00	0.00	0.00
49.40	0.00	0.00	0.00	55.10	0.00	0.00	0.00
49.50	0.00	0.00	0.00	55.20	0.00	0.00	0.00
49.60	0.00	0.00	0.00	55.30	0.00	0.00	0.00
49.70	0.00	0.00	0.00	55.40	0.00	0.00	0.00
49.80	0.00	0.00	0.00	55.50	0.00	0.00	0.00
49.90	0.00	0.00	0.00	55.60	0.00	0.00	0.00
50.00	0.00	0.00	0.00	55.70	0.00	0.00	0.00
50.10	0.00	0.00	0.00	55.80	0.00	0.00	0.00
50.20	0.00	0.00	0.00	55.90	0.00	0.00	0.00
50.30	0.00	0.00	0.00	56.00	0.00	0.00	0.00
50.40	0.00	0.00	0.00	56.10	0.00	0.00	0.00
50.50	0.00	0.00	0.00	56.20	0.00	0.00	0.00
50.60	0.00	0.00	0.00	56.30	0.00	0.00	0.00
50.70	0.00	0.00	0.00	56.40	0.00	0.00	0.00
50.80	0.00	0.00	0.00	56.50	0.00	0.00	0.00
50.90	0.00	0.00	0.00	56.60	0.00	0.00	0.00
51.00	0.00	0.00	0.00	56.70	0.00	0.00	0.00
51.10	0.00	0.00	0.00	56.80	0.00	0.00	0.00
51.20	0.00	0.00	0.00	56.90	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
57.00	0.00	0.00	0.00	62.70	0.00	0.00	0.00
57.10	0.00	0.00	0.00	62.80	0.00	0.00	0.00
57.20	0.00	0.00	0.00	62.90	0.00	0.00	0.00
57.30	0.00	0.00	0.00	63.00	0.00	0.00	0.00
57.40	0.00	0.00	0.00	63.10	0.00	0.00	0.00
57.50	0.00	0.00	0.00	63.20	0.00	0.00	0.00
57.60	0.00	0.00	0.00	63.30	0.00	0.00	0.00
57.70	0.00	0.00	0.00	63.40	0.00	0.00	0.00
57.80	0.00	0.00	0.00	63.50	0.00	0.00	0.00
57.90	0.00	0.00	0.00	63.60	0.00	0.00	0.00
58.00	0.00	0.00	0.00	63.70	0.00	0.00	0.00
58.10	0.00	0.00	0.00	63.80	0.00	0.00	0.00
58.20	0.00	0.00	0.00	63.90	0.00	0.00	0.00
58.30	0.00	0.00	0.00	64.00	0.00	0.00	0.00
58.40	0.00	0.00	0.00	64.10	0.00	0.00	0.00
58.50	0.00	0.00	0.00	64.20	0.00	0.00	0.00
58.60	0.00	0.00	0.00	64.30	0.00	0.00	0.00
58.70	0.00	0.00	0.00	64.40	0.00	0.00	0.00
58.80	0.00	0.00	0.00	64.50	0.00	0.00	0.00
58.90	0.00	0.00	0.00	64.60	0.00	0.00	0.00
59.00	0.00	0.00	0.00	64.70	0.00	0.00	0.00
59.10	0.00	0.00	0.00	64.80	0.00	0.00	0.00
59.20	0.00	0.00	0.00	64.90	0.00	0.00	0.00
59.30	0.00	0.00	0.00	65.00	0.00	0.00	0.00
59.40	0.00	0.00	0.00	65.10	0.00	0.00	0.00
59.50	0.00	0.00	0.00	65.20	0.00	0.00	0.00
59.60	0.00	0.00	0.00	65.30	0.00	0.00	0.00
59.70	0.00	0.00	0.00	65.40	0.00	0.00	0.00
59.80	0.00	0.00	0.00	65.50	0.00	0.00	0.00
59.90	0.00	0.00	0.00	65.60	0.00	0.00	0.00
60.00	0.00	0.00	0.00	65.70	0.00	0.00	0.00
60.10	0.00	0.00	0.00	65.80	0.00	0.00	0.00
60.20	0.00	0.00	0.00	65.90	0.00	0.00	0.00
60.30	0.00	0.00	0.00	66.00	0.00	0.00	0.00
60.40	0.00	0.00	0.00	66.10	0.00	0.00	0.00
60.50	0.00	0.00	0.00	66.20	0.00	0.00	0.00
60.60	0.00	0.00	0.00	66.30	0.00	0.00	0.00
60.70	0.00	0.00	0.00	66.40	0.00	0.00	0.00
60.80	0.00	0.00	0.00	66.50	0.00	0.00	0.00
60.90	0.00	0.00	0.00	66.60	0.00	0.00	0.00
61.00	0.00	0.00	0.00	66.70	0.00	0.00	0.00
61.10	0.00	0.00	0.00	66.80	0.00	0.00	0.00
61.20	0.00	0.00	0.00	66.90	0.00	0.00	0.00
61.30	0.00	0.00	0.00	67.00	0.00	0.00	0.00
61.40	0.00	0.00	0.00	67.10	0.00	0.00	0.00
61.50	0.00	0.00	0.00	67.20	0.00	0.00	0.00
61.60	0.00	0.00	0.00	67.30	0.00	0.00	0.00
61.70	0.00	0.00	0.00	67.40	0.00	0.00	0.00
61.80	0.00	0.00	0.00	67.50	0.00	0.00	0.00
61.90	0.00	0.00	0.00	67.60	0.00	0.00	0.00
62.00	0.00	0.00	0.00	67.70	0.00	0.00	0.00
62.10	0.00	0.00	0.00	67.80	0.00	0.00	0.00
62.20	0.00	0.00	0.00	67.90	0.00	0.00	0.00
62.30	0.00	0.00	0.00	68.00	0.00	0.00	0.00
62.40	0.00	0.00	0.00	68.10	0.00	0.00	0.00
62.50	0.00	0.00	0.00	68.20	0.00	0.00	0.00
62.60	0.00	0.00	0.00	68.30	0.00	0.00	0.00

Hydrograph for Link 10L: POA-2 (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
68.40	0.00	0.00	0.00
68.50	0.00	0.00	0.00
68.60	0.00	0.00	0.00
68.70	0.00	0.00	0.00
68.80	0.00	0.00	0.00
68.90	0.00	0.00	0.00
69.00	0.00	0.00	0.00
69.10	0.00	0.00	0.00
69.20	0.00	0.00	0.00
69.30	0.00	0.00	0.00
69.40	0.00	0.00	0.00
69.50	0.00	0.00	0.00
69.60	0.00	0.00	0.00
69.70	0.00	0.00	0.00
69.80	0.00	0.00	0.00
69.90	0.00	0.00	0.00
70.00	0.00	0.00	0.00
70.10	0.00	0.00	0.00
70.20	0.00	0.00	0.00
70.30	0.00	0.00	0.00
70.40	0.00	0.00	0.00
70.50	0.00	0.00	0.00
70.60	0.00	0.00	0.00
70.70	0.00	0.00	0.00
70.80	0.00	0.00	0.00
70.90	0.00	0.00	0.00
71.00	0.00	0.00	0.00
71.10	0.00	0.00	0.00
71.20	0.00	0.00	0.00
71.30	0.00	0.00	0.00
71.40	0.00	0.00	0.00
71.50	0.00	0.00	0.00
71.60	0.00	0.00	0.00
71.70	0.00	0.00	0.00
71.80	0.00	0.00	0.00
71.90	0.00	0.00	0.00
72.00	0.00	0.00	0.00

Appendix D

Groundwater Recharge Analysis

New Jersey Groundwater Recharge Spreadsheet Version 2.0 November 2003

Annual Groundwater Recharge Analysis (based on GSR-32)

Select Township ↓	Average Annual P (in)	Climatic Factor
MONMOUTH CO., HIGHLANDS BORO	47.4	1.55

Project Name:	Seastreak Ferry
Description:	This is a test application
Analysis Date:	08/22/24

Pre-Developed Conditions

Land Segment	Area (acres)	TR-55 Land Cover	Soil	Annual Recharge (in)	Annual Recharge (cu.ft)
1	6.08	Impervious areas	Urban Land*	0.0	-
2	0.397	Meadow, Pasture, Grassland or range	Urban Land*	0.0	-
3	0				
4	0				
5	0				
6	0				
7	0				
8	0				
9	0				
10	0				
11	0				
12	0				
13	0				
14	0				
15	0				
Total =	6.5			Total Annual Recharge (in)	Total Annual Recharge (cu-ft)
				0.0	-

Post-Developed Conditions

Land Segment	Area (acres)	TR-55 Land Cover	Soil	Annual Recharge (in)	Annual Recharge (cu.ft)
1	6.049	Impervious areas	Urban Land*	0.0	-
2	0.429	adow, Pasture, Grassland or ra	Urban Land*	0.0	-
3	0				
4	0				
5	0				
6	0				
7	0				
8	0				
9	0				
10	0				
11	0				
12	0				
13	0				
14	0				
15	0				
Total =	6.5	Warning: make total area equal to Pre-Developed Conditior		Total Annual Recharge (in)	Total Annual Recharge (cu.ft)
				0.0	-
				Total Impervious Area (sq.ft)	263,494

Annual Recharge Requirements Calculation ↓

% of Pre-Developed Annual Recharge to Preserve =	100%	
Post-Development Annual Recharge Deficit=	*0*	(cubic feet)

Recharge Efficiency Parameters Calculations (area averages)

RWC=	#N/A	(in)	DRWC=	#N/A	(in)
ERWC =	#N/A	(in)	EDRWC=	#N/A	(in)

Procedure to fill the Pre-Development and Post-Development Conditions Tables

For each land segment, first enter the area, then select TR-55 Land Cover, then select Soil. Start from the top of the table and proceed downward. Don't leave blank rows (with A=0) in between your segment entries. Rows with A=0 will not be displayed or used in calculations. For impervious areas outside of standard lots select "Impervious Areas" as the Land Cover. Soil type for impervious areas are only required if an infiltration facility will be built within these areas.

Appendix E

Drainage Piping System Analysis

SN	Element ID	Description	From (Inlet) Node	To (Outlet) Node	Length	Inlet Invert Elevation	Inlet Invert Offset	Outlet Invert Elevation	Outlet Invert Offset	Total Drop	Average Slope	Pipe Shape	Pipe Diameter or Height	Pipe Width
					(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(%)		(inches)	(inches)
1	PIPE 124		64	64	71.31	3.75	0.00	3.69	0.00	0.06	0.0900	CIRCULAR	15.000	15.00
2	PIPE 101		64	Out-1PIPE 101	65.59	3.42	0.00	3.36	0.00	0.06	0.0900	Horizontal Ellipse	14.040	23.04
3	PIPE 102		64	64	82.69	3.55	0.00	3.45	0.03	0.11	0.1300	CIRCULAR	15.000	15.00
4	PIPE 103		64	64	100.11	3.68	0.00	3.55	0.00	0.13	0.1300	CIRCULAR	15.000	15.00
5	PIPE 104		64	64	99.31	3.81	0.00	3.68	0.00	0.13	0.1300	CIRCULAR	15.000	15.00
6	PIPE 104A		104A	64	57.94	3.89	0.00	3.81	0.00	0.08	0.1300	CIRCULAR	15.000	15.00
7	PIPE 105		64	64	100.31	3.94	0.00	3.81	0.00	0.13	0.1300	CIRCULAR	15.000	15.00
8	PIPE 106		64	64	99.79	4.07	0.00	3.94	0.00	0.13	0.1300	CIRCULAR	15.000	15.00
9	PIPE 107		64	64	184.23	6.08	0.00	4.07	0.00	2.01	1.0900	CIRCULAR	15.000	15.00
10	PIPE 120		64	64	99.81	3.51	0.00	3.42	0.00	0.09	0.0900	CIRCULAR	15.000	15.00
11	PIPE 122		64	64	100.18	3.60	0.00	3.51	0.00	0.09	0.0900	CIRCULAR	15.000	15.00
12	PIPE 123		64	64	100.14	3.69	0.00	3.60	0.00	0.09	0.0900	CIRCULAR	15.000	15.00
13	PIPE 125		64	64	56.54	3.74	0.00	3.69	0.00	0.05	0.0900	CIRCULAR	15.000	15.00
14	PIPE123A		123A	64	188.33	3.86	0.00	3.69	0.00	0.17	0.0900	CIRCULAR	15.000	15.00

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Manning's Roughness	Entrance Losses	Exit/Bend Losses	Additional Losses	Initial Flow (cfs)	Flap Gate	Lengthening Factor	Peak Flow (cfs)	Time of Peak Flow Occurrence (days hh:mm)	Max Flow Velocity (ft/sec)	Travel Time (min)	Design Flow Capacity (cfs)	Max Flow / Design Flow Ratio	Max Flow Depth / Total Depth Ratio	Total Time Surcharged (min)
0.0130	0.5000	0.5000	0.0000	0.00	NO	1.00	0.93	0 12:12	2.13	0.56	2.89	0.32	0.39	0.00
0.0130	0.5000	0.5000	0.0000	0.00	NO	1.00	4.96	0 11:59	4.03	0.27	4.72	1.05	1.00	79.00
0.0130	0.5000	0.5000	0.0000	0.00	NO	1.00	2.94	0 12:04	3.66	0.38	2.89	1.02	1.00	37.00
0.0130	0.5000	0.5000	0.0000	0.00	NO	1.00	3.04	0 12:05	3.53	0.47	2.89	1.05	1.00	31.00
0.0130	0.5000	0.5000	0.0000	0.00	NO	1.00	3.07	0 12:30	3.32	0.50	2.89	1.06	1.00	24.00
0.0130	0.5000	0.5000	0.0000	0.00	NO	1.00	0.25	0 12:12	1.46	0.66	2.89	0.09	0.20	0.00
0.0130	0.5000	0.5000	0.0000	0.00	NO	1.00	3.06	0 12:22	3.20	0.52	2.89	1.06	1.00	14.00
0.0130	0.5000	0.5000	0.0000	0.00	NO	1.00	1.25	0 12:12	2.30	0.72	2.89	0.43	0.46	0.00
0.0130	0.5000	0.5000	0.0000	0.00	NO	1.00	1.25	0 12:12	4.27	0.72	6.75	0.19	0.29	0.00
0.0130	0.5000	0.5000	0.0000	0.00	NO	1.00	2.96	0 11:59	3.77	0.44	2.89	1.03	1.00	72.00
0.0130	0.5000	0.5000	0.0000	0.00	NO	1.00	3.05	0 12:01	3.69	0.45	2.89	1.06	1.00	62.00
0.0130	0.5000	0.5000	0.0000	0.00	NO	1.00	3.09	0 12:55	3.27	0.51	2.89	1.07	1.00	53.00
0.0130	0.5000	0.5000	0.0000	0.00	NO	1.00	0.52	0 12:12	1.80	0.52	2.89	0.18	0.29	0.00
0.0130	0.5000	0.5000	0.0000	0.00	NO	1.00	2.97	0 12:04	3.56	0.88	2.89	1.03	1.00	30.00

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Max Flow Depth (ft)	Reported Condition
0.46	Calculated
1.17	SURCHARGED
1.25	SURCHARGED
1.25	SURCHARGED
1.25	SURCHARGED
0.23	Calculated
1.25	SURCHARGED
0.53	Calculated
0.35	Calculated
1.25	SURCHARGED
1.25	SURCHARGED
1.25	SURCHARGED
0.34	Calculated
1.25	SURCHARGED

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SN	Element ID	X Coordinate	Y Coordinate	Description	Invert Elevation (ft)	Boundary Type	Flap Gate	Fixed Water Elevation (ft)	Peak Inflow (cfs)	Peak Lateral Inflow (cfs)	Maximum HGL Depth Attained (ft)	Maximum HGL Elevation Attained (ft)
1	Out-1PIPE 101	776433.48	-354069.18		3.36	FREE	NO		6.02	1.30	1.17	4.53

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SN	Element ID	X Coordinate	Y Coordinate	Description	Invert Elevation (ft)	Ground/Rim (Max) Elevation (ft)	Ground/Rim (Max) Offset (ft)	Initial Water Elevation (ft)	Initial Water Depth (ft)	Surcharge Elevation (ft)	Surcharge Depth (ft)	Ponded Area (ft²)	Minimum Pipe Cover (inches)	Peak Inflow (cfs)
1	64	776498.78	-354075.33		3.42	6.50	3.08	3.42	0.00	6.50	0.00	3313.00	21.69	6.30
2	64	776498.55	-353992.64		3.55	6.50	2.95	3.55	0.00	6.50	0.00	3766.00	20.41	3.49
3	64	776598.66	-353992.88		3.68	6.51	2.82	3.68	0.00	6.51	0.00	4696.00	18.87	3.64
4	64	776697.88	-353997.11		3.81	6.50	2.69	3.81	0.00	6.50	0.00	5685.00	17.30	4.03
5	104A	776731.68	-353948.56		3.89	6.70	2.81	3.89	0.00	6.70	0.00	1695.00	18.75	0.25
6	64	776796.94	-354012.92		3.94	6.50	2.56	3.94	0.00	6.50	0.00	20777.00	15.72	4.51
7	64	776895.91	-354025.68		4.07	6.50	2.43	4.07	0.00	6.50	0.00	15298.00	14.16	1.25
8	64	777004.20	-353876.63		6.08	8.88	2.80	6.08	0.00	8.88	0.00	7872.00	18.61	1.26
9	64	776596.19	-354097.09		3.51	6.50	3.00	3.51	0.00	6.50	0.00	5097.00	20.95	3.69
10	64	776694.16	-354117.98		3.60	6.50	2.90	3.60	0.00	6.50	0.00	5457.00	19.84	3.75
11	64	776793.19	-354132.89		3.69	6.50	2.81	3.69	0.00	6.50	0.00	5178.00	18.76	5.16
12	123A	776976.57	-354090.05		3.86	6.25	2.39	3.86	0.00	6.25	0.00	38978.00	13.70	6.11
13	64	776850.19	-354175.75		3.75	6.55	2.80	3.75	0.00	6.55	0.00	5880.00	18.60	0.93
14	64	776764.20	-354181.44		3.74	6.77	3.03	3.74	0.00	6.77	0.00	3255.00	21.35	0.52

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Peak Lateral Inflow (cfs)	Maximum HGL Elevation Attained (ft)	Maximum HGL Depth Attained (ft)	Maximum Surcharge Depth Attained (ft)	Minimum Freeboard Attained (ft)	Average HGL Elevation Attained (ft)	Average HGL Depth Attained (ft)	Time of Maximum HGL Occurrence (days hh:mm)	Time of Peak Flooding Occurrence (days hh:mm)	Total Flooded Volume (ac-inches)	Total Time Flooded (minutes)
0.52	7.44	4.02	0.93	0.00	3.85	0.43	0 12:42	0 12:12	0.85	81.00
0.60	6.64	3.09	0.14	0.00	3.82	0.27	0 12:36	0 12:12	0.14	38.00
0.75	6.63	2.95	0.12	0.00	3.93	0.25	0 12:30	0 12:12	0.16	32.00
0.89	6.62	2.81	0.12	0.00	4.04	0.23	0 12:22	0 12:12	0.18	25.00
0.25	4.13	0.24	0.00	2.57	3.92	0.03	0 12:12	0 00:00	0.00	0.00
3.27	6.52	2.58	0.02	0.00	4.14	0.20	0 12:15	0 12:12	0.12	15.00
0.00	4.65	0.58	0.00	1.85	4.17	0.10	0 12:12	0 00:00	0.00	0.00
1.26	6.45	0.37	0.00	2.43	6.15	0.07	0 12:12	0 00:00	0.00	0.00
0.80	6.68	3.17	0.18	0.00	3.89	0.38	0 13:03	0 12:12	0.25	74.00
0.86	6.67	3.07	0.17	0.00	3.95	0.35	0 12:55	0 12:12	0.25	64.00
0.82	6.89	3.20	0.38	0.00	4.01	0.32	0 12:35	0 12:12	0.55	54.00
6.11	6.28	2.42	0.03	0.00	4.10	0.24	0 12:16	0 12:12	0.36	32.00
0.93	4.24	0.49	0.00	2.31	3.83	0.08	0 12:12	0 00:00	0.00	0.00
0.52	4.10	0.36	0.00	2.67	3.80	0.06	0 12:12	0 00:00	0.00	0.00

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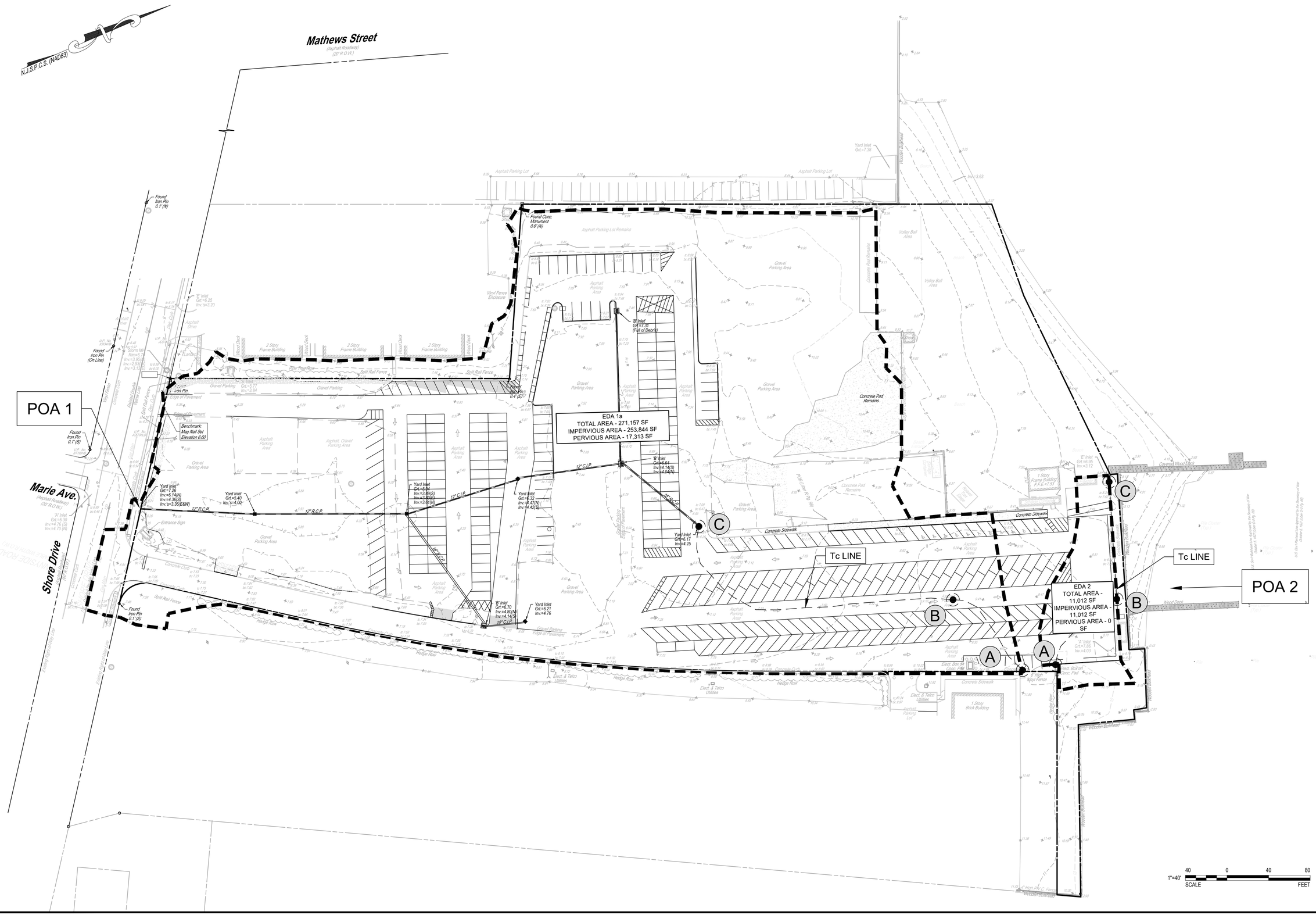
Appendix F

Drainage Maps



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Certificate of Authorization Certificate # 24GA27993300

BRAD M. THOMPSON, P.E.
NJ PROFESSIONAL ENGINEER, Lic. No. 40575

REVISIONS

NO.	DATE	DESCRIPTION
1	2025-05-27	REVISED PER FSCD REVIEW
2	2025-05-29	REVISED LOTS PER NJDEP COMMENT
3	2025-06-27	REVISED PER NJDEP COMMENT
4	2026-05-27	REVISED PER TOWNSHIP AND PUBLIC COMMENT

EXISTING DRAINAGE AREA PLAN

SEASTREAK FERRY TERMINAL REPAVING PROJECT
FOR HIGHLANDS LANDING CORPORATION
BLOCK 100, LOT 27
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NEW JERSEY, TAX MAP # 19

TAX MAP SHEET NO. 19

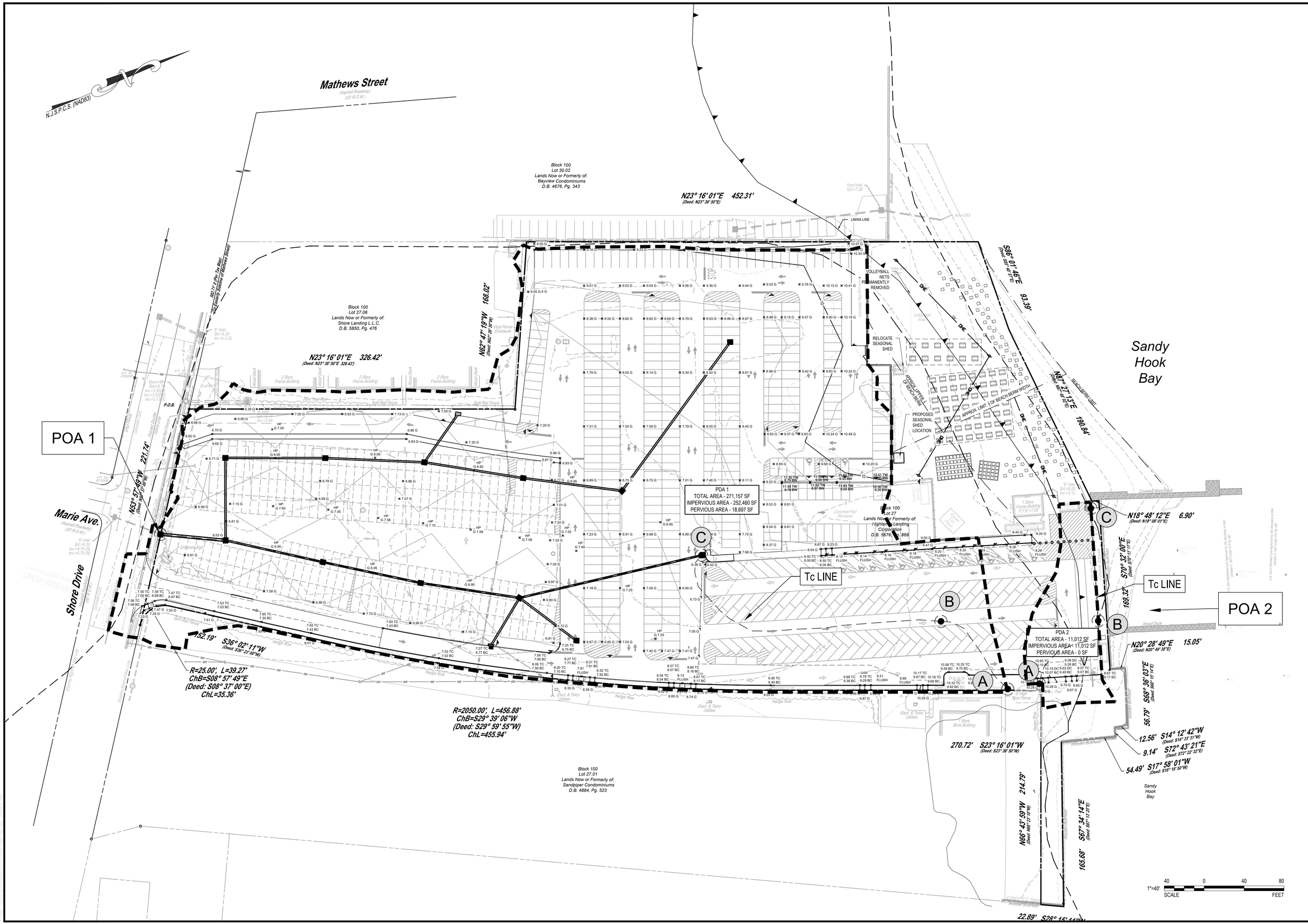
JOB NO. 8407

FILE NAME 8407-EDA Plan.dwg

DRAWN	REVIEWED
ERI	BMT
DATE 04/22/25	SCALE 1"=40'

SHEET NO. EDA

OF 13



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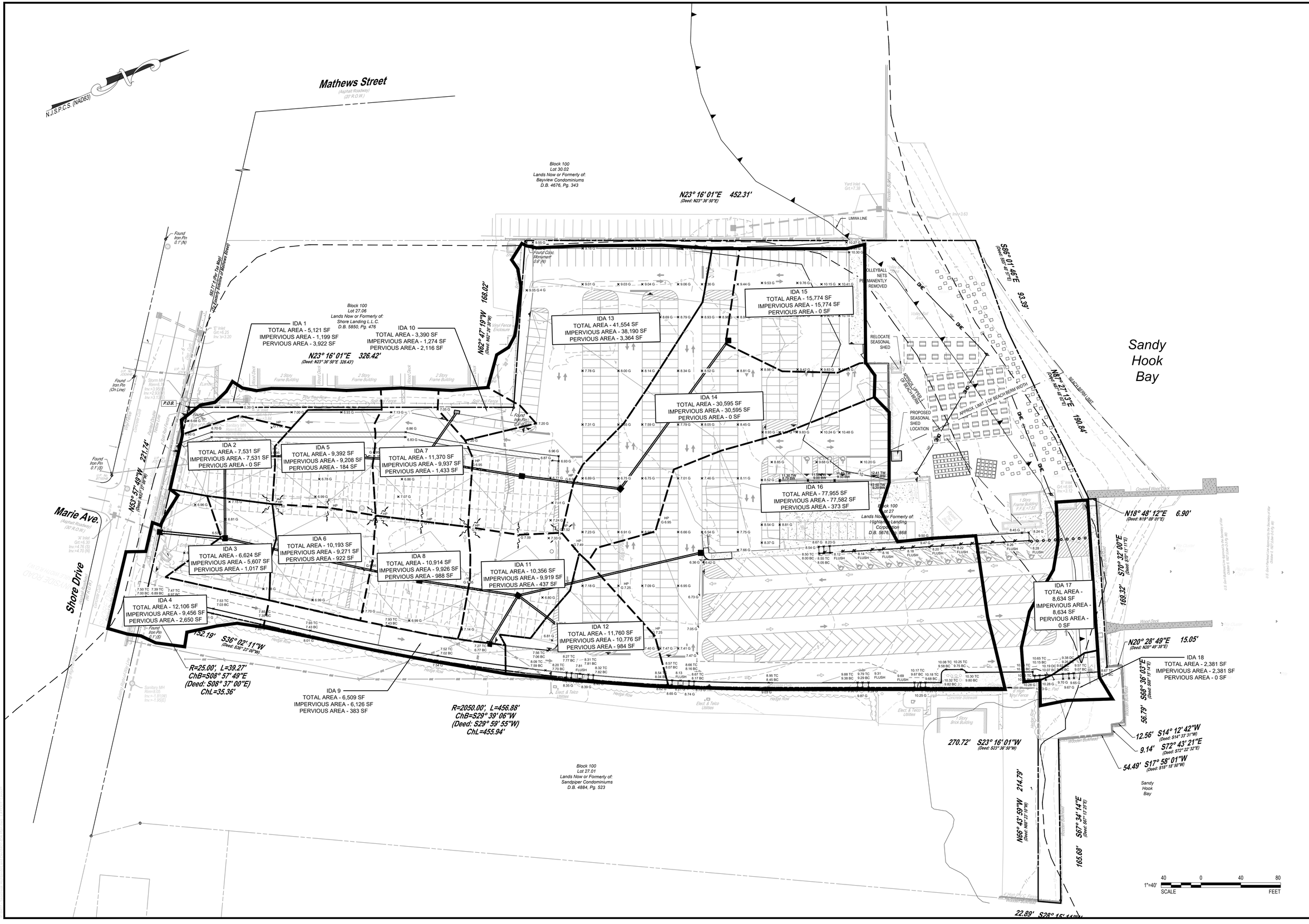
REVISIONS

NO.	DATE	DESCRIPTION
1	2025-05-27	REVISED PER FSCD REVIEW
2	2025-05-28	REVISED LOTS PER NJDEP COMMENT
3	2025-06-26	REVISED PER TOWNSHIP COMMENT
4	2026-02-27	REVISED PER TOWNSHIP AND PUBLIC COMMENT

PROPOSED DRAINAGE AREA PLAN
SEASTREAK FERRY TERMINAL REPAVING PROJECT
FOR HIGHLANDS LANDING CORPORATION
MAJOR SITE PLAN
BLOCK 100, LOT 27
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NEW JERSEY, TAX MAP # 19

JOB NO. 8407	
FILE NAME 8407-PDA Plan.dwg	
DRAWN ERI	REVIEWED BMT
DATE 04/22/25	SCALE 1"=40'
SHEET NO. PDA OF 13	



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REVISIONS

NO.	DATE	DESCRIPTION
1	2025-05-27	REVISED PER FSCD REVIEW
2	2025-05-29	REVISED LOTS PER NJDEP COMMENT
3	2025-06-26	REVISED PER NJDEP COMMENT
4	2026-05-27	REVISED PER TOWNSHIP AND PUBLIC COMMENT

INLET DRAINAGE AREA PLAN
SEASTREAK FERRY TERMINAL REPAVING PROJECT
FOR HIGHLANDS LANDING CORPORATION
MAJOR SITE PLAN
BLOCK 100, LOT 27
326 SHORE DRIVE, BOROUGH OF HIGHLANDS
MONMOUTH COUNTY, NEW JERSEY, TAX MAP # 19

JOB NO. 8407
FILE NAME 8407-IDA Plan.dwg
DRAWN ERI | REVIEWED BMT
DATE 04/22/25 | SCALE 1"=40'
SHEET NO. IDA
OF 13

ZONING INFORMATION

ZONE: WC-2 WATERFRONT COMMERCIAL DISTRICT

PARAMETER	REQUIRED	EXISTING	PROPOSED
MINIMUM LOT AREA	N/A	333,717 SF	333,717 SF
MINIMUM LOT FRONTAGE	100 FT	201.78 FT	201.78 FT
MINIMUM LOT DEPTH	150 FT	870.61 FT	870.61 FT
MINIMUM FRONT YARD SETBACK	20 FT	828.9 FT	828.9 FT
MINIMUM SIDE YARD SETBACK	10 FT	173.3 FT	173.3 FT
MINIMUM REAR YARD SETBACK	N/A	41.3 FT	41.3 FT
MAXIMUM BUILDING HEIGHTS	36 FT	< 36 FT	< 36 FT
MAXIMUM LOT COVERAGE	70%	83.68%	83.10% (E)
MAXIMUM BUILDING COVEREAGE	25%	0.20%	0.20%
FLOOR AREA RATIO	0.6000	0.0020	0.0020
PARKING			
REQUIRED PARKING SPACES	* 1,863 SPACES	*957 SPACES	734 SPACES (E)
REQUIRED ADA PARKING SPACES	** 15 SPACES	12 SPACES	17 SPACES
REQUIRED VAN ADA PARKING SPACES	*** 3 SPACES	0 SPACES	3 SPACES
MAXIMUM COMPACT PARKING SPACES	**** 147 SPACES	0 SPACES	113 SPACES
MINIMUM FRONT YARD SETBACK	10 FT	2.05 FT	10 FT
MINIMUM SIDE YARD SETBACK	5 FT	5.44 FT	5.98 FT

(E) - EXISTING NON-CONFORMITY

* 0.7 SPACES/ PASSENGER SEAT DEPARTING OVER 24 HR PERIOD
2,660 PASSENGERS X 0.7 = 1,863 REQUIRED SPACES
(NUMBERS ARE BASED OFF REPORT WRITTEN BY BRIAN O'CALLAHAN ON 7/13/2023 REGARDING EXISTING PARKING COMPLAINTS)
** 2% OF TOTAL PARKING SPACES PROPOSED MUST BE ADA COMPLIANT SPACES
*** 1 IN 6 ADA COMPLIANT SPACES MUST BE ADA VAN COMPLIANT SPACE
**** 20% OF TOTAL PARKING SPACES PROVIDED

C VARIANCES:

§021-096-4 MAXIMUM LOT COVERAGE
REQUIRED 70%
PROVIDED 83.10% - (E)

§021-65.14-7a(2) REQUIRED PARKING SPACES
REQUIRED 1,863 SPACES *
PROVIDED 734 - (E)

LUB 25-06 Highlands Landing Corp.
Seastreak
Special Meeting 6-25-2026
Exhibit A-1

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REVISIONS

NO.	DATE	DESCRIPTION

SITE PLAN RENDERING
HIGHLANDS LANDING CORPORTATION
BLOCK 100, LOT 27, 27.04, 27.05
TAX MAP SHEET NO. 19
BOROUGH OF HIGHLANDS
MONMOUTH COUNTY
NEW JERSEY

JOB NO. 8407
FILE NAME 8407-Site Plan.dwg
DRAWN ERI
REVIEWED BMT
DATE 06/23/26
SCALE 1"=40'
SHEET NO. 1
OF 1