STORMWATER POLLUTION PREVENTION PLAN

FOR

MOUNTAINSIDE WOODS

HILLTOP LANE AND VISTA DRIVE

TOWN OF LLOYD
ULSTER COUNTY, NEW YORK

PREPARED BY

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs
99 Clinton St. 2nd Floor
Montgomery, NY 12549

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W.O. 944.01

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1.0 INTRODUCTION

Engineering Properties, PC prepared this report summarizing the impact the proposed development of the property, known as Mountainside Woods will have on downstream properties and receiving waters.

1.1 PURPOSE

The purpose of the Stormwater Pollution Prevention Plan (SWPPP) is to:

a. Maintain existing drainage patterns and continue the conveyance of upland watershed runoff;

b. Mitigate potential stormwater quality and peak stormwater flow impacts, and prevent soil erosion and sedimentation resulting from stormwater runoff.

1.2 SCOPE

The scope of the SWPPP for Mountainside Woods described herein is as follows:

a. Describe and estimate existing stormwater runoff conditions;

b. Describe and estimate proposed stormwater runoff conditions;

c. Describe and evaluate stormwater management facilities planned as part of the proposed development.

2.0 PROJECT DESCRIPTION

The project site is ±153.07 acres in size and is located on Vista Drive in the Town of Lloyd, Ulster County, New York. The site consists of three Town of Lloyd tax lots, Section 87.004 Block 3 Lot 14 and Section 87.004 Block 5 Lots 1.2 and 2. A site location map is included as Figure 1 in Appendix 1.

As proposed, the project involves the Subdivision of the site into 175 single family residential lots. Approximately 9,275 linear feet of new roadway and associated infrastructure will be built to service the proposed 175 single family residential lots. Multiple stormwater management facilities will be constructed within the project to mitigate any stormwater runoff quality and quantity increases. The remaining lands of the proposed project will be offered for dedication to the Town of Lloyd as Open Space. East of the property is the abandoned railway which is currently being used as a pedestrian and biking trail through the Rails to Trails program. The project is bordered to the south along Vista Drive and Hilltop Lane. Along Vista Drive reside existing multi-

family dwellings and single family dwellings are located along Hilltop Lane. Illinois Mountain and the Town of Lloyd water treatment plant and reservoirs are located west of the property. Individual single family residences are located to the north of the proposed project.

The project site is an irregularly shaped area of land that is bordered by single and multi-family residences, local municipality owned streets and facilities as well as privately owned vacant lands. The property contains variable slopes ranging from generally flat to severely sloped. Generally the site slopes downward from the east and the west to a central low corridor which contains an existing stream that flows in a northerly direction. The existing site cover consists predominantly of woods with some low brush cover. There are existing streams and water bodies within these wooded areas.

3.0 TOPOGRAPHY AND SOILS

The existing topography in the project area is variable across the site, varying from approximately 293 feet above mean sea level (AMSL) to 704 feet AMSL. The majority of the slopes (±45%) on the project site are gently sloped (0%-10%), and moderate sloped areas (10%-15%) consist of approximately 18% of the site. The area of significant slope (15%-25%) and severe slopes (>25%) on site represents ±21% and ±16% of the site area respectively. The significant and severe slopes generally exists in the western portion of the project site. This area consists of a portion of Illinois Mountain and slopes from the west to east ending just west of a stream corridor on site that flows from south to north. East of the central stream corridor the slopes are generally gentle or moderately sloped. Along the stream corridor, there are jurisdictional and non-jurisdictional wetlands.

Beyond the project area, the surrounding area to the west continue to slope severely upwards to the top of the Illinois Mountain range. The developed area east of the proposed project generally continue to slope away from the project site eventually to the Hudson River.

Information assembled by the U.S. Department of Agriculture Soil Conservation Service printed in the Soil Survey of Ulster County identifies the presence of Bath Nassau (BnC), Bath Nassau Rock (BoD), Hoosic (HgC), Lyons Atherton (Ly), Mardin (MdB),

Nassau Bath Rock (NbF), and Volusia (VoB & VsB) soil complexes within the areas of the proposed project site. Hoosic soils are considered to be a part of the "A" hydrologic soils group and Lyons Atherton soils are part of the "D" hydrologic soils group and the remaining soil groups are designated as hydrologic soils group "C". A soil map is include as Figure 4 in Appendix 1.

4.0 METHODOLOGY

The methodology utilized for this analysis is based upon the U.S.D.A. Soil Conservation Service's Technical Release No. 20 and Technical Release No. 55, as utilized by the software entitled Hydraflow Hydrographs.

Hydraflow Hydrographs, developed by Intelisolve of Alpharetta, Georgia, is a Microsoft Windows based program for analyzing the hydrology and hydraulics of stormwater runoff. It utilizes the latest techniques to predict the stormwater flows from any given storm event.

Hydraflow Hydrographs has the capability of computing hydrographs (representing discharge rates characteristic of specific watershed conditions, precipitation and geologic factors), combining hydrographs, and routing flows through pipes, streams and ponds. A drainage model can consist of four different components - subareas, combinations, reaches and reservoirs.

A subarea consists of a relatively homogeneous area of land, which produces a volume and rate of runoff unique to that watershed. A subarea combination is the hydrologic addition of two subareas in order to determine the peak runoff at a design point. A reach is a channelized conveyance structure which routes the runoff from one point to another. A reservoir consists of a natural or man-made impoundment which temporarily stores stormwater runoff and that empties in a manner determined by various hydraulic structures located at its outlet.

The SWPPP for Mountainside Woods was based upon the New York State Stormwater Management Design Manual published by the New York State Department of Environmental Conservation (NYSDEC) last revised June 2010. Criteria set forth by this manual, requires analysis and determination of the required Water Quality Volume (Wqv), to provide extended detention of the 1-year storm event for Stream Channel Protection (Cpv), to control the peak discharge of the 10-year storm event also known

as Overbank Flood Protection Criteria (Qp), and to control the peak discharge and safely pass the 100-year storm event otherwise known as Extreme Flood Control Criteria (Qf).

The SWPPP for Mountainside Woods was developed utilizing the "five step" process for Stormwater Site Planning and Practice Selection. The five steps consist of site planning, determination of the water quality treatment volume, runoff reduction volumes applied through the use of "green technologies", application of standard stormwater management practices (SMP's) for remaining water quality volumes, and application of volume and peak rate control methods as required. Each of the five "steps" is further discussed in detail within this report.

5.0 STORMWATER MANAGEMENT PLANNING

5.1 INITIAL SITE PLANNING

Initial site planning included the development of a map showing existing natural resources and drainage patterns. The map was created utilizing a boundary and topography survey completed in January 1989 by Paggi and Martin Consulting Engineering and Surveying and boundary and topographic surveys completed by Dolson Surveying Services in November 2004 along with USGS 2,000 scale topographic maps and field inspections. This map is included as Figure 2 in Appendix 1.

Development of the proposed site plan within the "site planning" process was an iterative process with different proposed uses on each of the various parcels. Proposed uses during the initial concepts were two-family duplexes, townhouse style multi-family structures and multi-story multi-family apartment buildings. During the planning process with the Town, the current proposed plan was developed after careful consideration of many planning techniques and environmental impacts. One of the most important factor being to reduce the proposed impervious area which is consistent with the NYSDEC recommendations and guidelines for reducing impacts. The proposed site plan was also devised to protect and preserve natural features, maintain natural drainage patterns, and avoid to the greatest extent practical, the disturbance of erodible soils and steep slopes. The site plan with proposed watershed boundaries can be seen as Figure 3 in Appendix 1.

The hydrologic and hydraulic analysis was performed by delineating the tributary watershed to each design point and then dividing these tributary areas into relatively homogeneous subareas. The separation of the watershed into subareas was dictated by watershed conditions, methods of collection, conveyance and points of discharge. Watershed characteristics for each subarea were then assessed from topographical maps, soil surveys, site investigations and land use maps.

5.11 EXISTING CONDITIONS

The existing watershed within the site and areas contributory to the site were divided into five (5) distinct drainage areas and five corresponding design points. A design point represents the point at which stormwater, generated within a watershed, will exit the project site via either sheet flow along a linear boundary or as a point discharge. Figure 2 in Appendix 1 identifies each subarea and its corresponding design point. The characteristics of each existing subarea of these watersheds are detailed in Table 1 below.

Each sub-area was delineated and a contributory area, a curve number (CN) and time of concentration (Tc) was determined for each sub-area. Calculations for the CN's and Tc's are included in Appendices 2 and 3, respectively. It should be noted that the total contributory area may include off-site area and therefore, the total drainage area size may be larger than the project site.

TABLE 1: EXISTING DRAINAGE AREA CHARACTERISTICS

DRAINAGE AREA DESIGNATION	DRAINAGE AREA SIZE (Ac.)	CN	Tc (min)
EX A	127.28	73	21.60
EX B	2.44	37	13.20
EX C	10.37	73	13.80
EX D	9.35	79	16.20
EX E	17.70	73	23.40
TOTAL	**167.14**		

The watershed responses to the 1, 10 and 100 year - 24 hour storm events were computed and evaluated at the design points. The peak rates of runoff at each design point are presented in Table 4. Stormwater computations are attached at the end of this report in Appendices 6, 7 and 8.

5.12 PROPOSED CONDITIONS

For this analysis, the post-development watershed was broken down into a network consisting of fifteen (15) subareas, six (6) stormwater facilities, four (4) reaches and four (4) combinations. The subareas under the proposed development are identified in Figure 3. The characteristics of each proposed subarea is detailed in Table 2 below. It should be noted that the total contributory area may include off-site area and therefore, the total drainage area size may be larger than the project site.

TABLE 2: PROPOSED DRAINAGE AREA CHARACTERISTICS

DRAINAGE AREA DESIGNATION	DRAINAGE AREA SIZE (Ac.)	CN	Tc (min)
PR A-1	16.45	74	13.80
PR A-2	14.97	74	15.60
PR A-3	16.82	75	18.60
PR A-4	37.40	73	18.60
PR A-5	28.48	75	10.80
PR B	0.98	38	13.20
PR C	3.70	77	9.60
PR D	1.96	89	8.40
PR E	10.85	75	23.40
PR F	3.44	66	8.40
PR G	3.70	84	9.00
PR H	10.53	85	16.20
PR I	12.52	85	10.80
PR J	2.16	91	12.60
PR K	3.18	82	12.60
TOTAL	**167.14**		

5.2 WATER QUALITY VOLUME

The second step of the Stormwater Site Planning process is determination of the required water quality treatment volume (WQ_v). WQ_v is calculated using the 90% Rule as defined by NYSDEC Stormwater Management Design Manual. The 90% Rule is defined as:

$$WQ_v = [(P)(R_v)(A)] / 12$$

Where: P is the 90% Rainfall Event Number
R_v is equal to 0.05 + 0.009*I *(Minimum 0.2)*
I is the Impervious Cover in percent
A is the subarea total acreage

The WQ_v was calculated for the areas of site that have been disturbed and are contributory to proposed stormwater management practice.

TABLE 3: REQUIRED WATER QUALITY VOLUMES

FACILITY	WQ_V (Ac-ft)
POND F	0.119
POND G	0.150
POND H	0.419
POND I	0.530
POND J	0.122
POND K	0.103

5.3 RUNOFF REDUCTION VOLUME

Step three of the Stormwater Site Planning process is the incorporation of "green infrastructure technologies" and standard SMP's with runoff reduction volume (RR_v) capacity. RR_v is the reduction of 100% of the WQ_v and replicate pre-development hydrology. Each of the following green technologies and standard SMP's with RR_v capacity were analyzed for implementation along with an explanation of how they are used on unable to be used on this project.

Green Technologies

- Conservation of Natural Areas
  - Although there is a significant portion of the property to be offered for dedication to Town of Lloyd as Open Space, the majority of the protected area is not contributory to a downstream SMP and will be undisturbed during construction maintaining the pre-development

hydrological characteristics. There are two areas within the SMP contributory drainage areas that currently owned by or will be offered for dedication for ownership to the Town of Lloyd.

- Sheet flow to Riparian Buffers
  - Undisturbed vegetative buffers are present along the central stream and wetland corridor within the proposed design. The undisturbed area generally does not meet the buffer requirements for RR_v reduction and therefore have not been applied on this project.
- Vegetated Open Swales
  - The proposed plan incorporates the use of multiple grassed swales for conveyance of stormwater runoff. The vegetative swales provide many benefits in the proposed plan such as prevention of any increase in runoff from encroaching on any neighboring properties, water quality treatment through infiltration and increased time of concentrations. However, due to the majority of the site having moderately to steep slopes >4% which result in higher velocities which will not meet the requirements for runoff reduction. In addition, the implementation of other green technologies such as rooftop disconnection, have been applied to the majority of the contributory area to the swales therefore, RR_v reduction through the use of vegetated swales has not been applied on this project.
- Tree Planting / Tree Box
  - The proposed site design includes a tree planting strip between the roadway and the sidewalk fronting each single family residential lot. In addition, the cul-de-sacs will have landscaped islands that achieved the intended purposed of tree planning. RR_v have been calculated for watersheds and contributory areas which contain this green technology.
- Disconnection of Rooftop runoff
  - All roof leaders for all proposed single family residences will be discharged to the rear of the structure via down spout splash pad and sheet flow for a minimum of 20 feet prior to entering either an

existing vegetated buffer / filter strip or a vegetated swale. RR_v will be applied to all watersheds containing a proposed residence.

- Stream Daylighting
  - The only existing culverted/pipe streams on-site are the two box culverts that will be utilized for proposed roadway crossings and therefore this technology is not applicable on this site.
- Rain Gardens
  - This project was designed to minimize the amount of disturbance by minimizing the lot size for each single family residential lot. In addition, due to the fact that most of the soils on-site are classified as HSG "C" and "D", will have slower infiltration rates. Slower infiltration combined with a depth limitation of 1 foot increases the surface area required to implement rain gardens, therefore rain gardens were not utilized as a green technology on this project.
- Green Roof
  - Green roofs are not proposed on the single family residential structures for the following reasons:
    - Increase cost of construction.
    - Cold Climate restricts planting type and survival.
    - Maintenance procedures and costs
    - Limited access provisions
    - Sloped roofs
- Stormwater Planters
  - Stormwater planters are suitable for small runoff areas such as rooftops or plaza and courtyards. Stormwater planters work very well within urban redevelopment projects with appropriate soils. This project is utilizing rooftop disconnection for treatment of rooftop runoff, therefore the green technology of stormwater planters was not implemented.
- Rain Tanks/Cistern
  - Rain Tanks and cisterns are well-suited to treat rooftop runoff, however as previously stated, the rooftop disconnect technology

was included the SWPPP for Mountainside Woods design for this project. In addition, there are cold climate concerns associated with rain tanks and cisterns that could cause problems on this project.

- Porous Pavement
  - Porous pavement is currently not approved as an acceptable pavement mix for roadways to be owned and maintained by the Town of Lloyd, therefore this technology was not included in the design of the project.

<u>Standard SMP's with RR_v Capacity</u>

- Infiltration Practice
  - Infiltration trenches, basins and drywells were not considered on this project due to the soil complex consisting mainly of the HSG "C" soils within the development area. The required separation from ground water was also a concern.
- Bio-Retention Practice
  - Bio-retention facilities were not utilized on this development due to the time and cost associated with maintenance of these facilities. The stormwater management facilities will be owned and maintained by the Town of Lloyd.
- Dry Swale (Open Channel Practice)
  - Dry swales were not included in the design calculations due to the maximum slope limitations. The project design does implement many dry / vegetated swales to convey and treat stormwater, however some portions of the site have a slope greater than 4%.

The RR_v for each of the green technologies used has been calculated for each watershed contributory to a stormwater facility. The total RR_v was calculated and compared to the WQ_v for each watershed. For the watersheds where green technologies did not reduce the WQ_v by 100%, the watershed was re-analyzed with respect to green technologies in attempts to maximize the RR_v. It was determined that it was not feasible to reduce the WQ_v through green technology

by 100% therefore, at a minimum the project demonstrates that it can reduce a percentage of the runoff from impervious areas proposed. The minimum RR_v is based upon the hydrological soil group (HSG) classification within the watershed and is defined a Specific Reduction Factor (*S*). The reduction factors for each HSG are shown below in Table 4

*TABLE 4: SPECIFIC REDUCTION FACTOR (S)**

HSG	*S*
A	0.55
B	0.40
C	0.30
D	0.20

* Watersheds with multiple HSG's shall utilize a weighted average

$RR_{v\ MIN}$ was calculated for each watershed and compared to the total RR_v provided to ensure that the green technologies proposed provide the minimum reduction of the WQ_v as required. The $RR_{v\ MIN}$ and the total RR_v along with the revised WQ_v are shown below in Table 5. The calculations for the required and adjusted water quality volumes along with the runoff reduction volumes are shown in Appendix 4.

TABLE 5: RUNOFF REDUCTION VOLUMES & REVISED WQ_v

FACILITY	$RR_{v\ MIN}$	Total RR_v	Revised WQ_v
POND F	0.055	0.056	0.063
POND G	0.042	0.052	0.098
POND H	0.104	0.176	0.243
POND I	0.150	0.237	0.293
POND J	0.031	0.045	0.077
POND K	0.025	0.048	0.055

5.4 APPLICATION OF STANDARD SMP'S FOR THE REVISED WQ_v

The RR_v does reduce the required WQ_v treatment however, it does not completely eliminate the need to provide treatment through standard stormwater management practices. Continuing with the Stormwater Site Planning process, step four is ensure the remaining WQ_v is provided. The WQv provided in each of the standard stormwater management practices is shown below in Table 6.

TABLE 6: WQ_v PROVIDED IN STANDARD SMP'S

FACILITY	Revised WQ_v	WQ_v Provided
POND F	0.063	0.515
POND G	0.098	0.472
POND H	0.243	0.279
POND I	0.293	0.434
POND J	0.077	0.136
POND K	0.055	0.061

5.5 VOLUME AND PEAK RATE CONTROL

The fifth and final step of the Stormwater Site Planning process is to apply volume and peak rate control through the use of standard stormwater management practices. Six (6) on-site stormwater facilities are proposed to mitigate any increase in peak runoff from the proposed site improvements. Two of the facilities are designed as permanent sediment basins, which will provide water quality benefits but no peak rate control. The remaining facilities have been designed to provide both water quality and peak rate control. Two of these facilities are designed as Micropool Extended Detention Ponds (P-1) and the remaining two facilities are designed as Pocket ponds (P-5) in accordance with NYSDEC Phase II stormwater guidelines.

The following NYSDEC stormwater pond design criteria are achieved:

- The stormwater ponds are not located within jurisdictional waters.
- Contributing drainage areas of approximately 10 acres for P-1 facilities and maximum of 5 acres for P-5 facilities
- A forebay has been provided for each inflow point.
- Outlet protection has been provided at the pond outfall for discharges to daylight through rip-rap flow dispersion.
- Pond forebay is created by an earthen berm.
- The forebay is designed to contain a minimum of 10% of the WQ_v and is four to six feet deep.
- Access to the stormwater ponds for maintenance has been provided.

- A fixed sediment marker shall be installed in each forebay and permanent sediment basin to measure sediment deposition through time.
- Pond side slopes at designed at 4:1 therefore eliminating the need to provide a safety bench.
- A detailed landscaping plan for each facility has been incorporated into the design.
- A non clogging low flow orifice has been incorporated into the design.
- The outlet structure will be located within the embankment for maintenance access and safety.
- A pond drain will be installed to drain the permanent pool to the greatest extent practical in an emergency. Should the permanent pool be unable to be completely drained, a portable pump will be required to drain the remaining water.
- An adjustable gate valve shall be installed on the pond drain.

5.51 CHANNEL PROTECTION VOLUME

The required volume control consists of Channel Protection Volume (Cp_v) which is designed to protect downstream channels from erosion. The Cp_v is achieved through providing extended detention of the 1-year storm event for a period of 24 hours. If the timeframe of 24 hours cannot be meet with a resulting extended detention orifice of 3" diameter or greater, then the facility shall utilize a 3" extended detention orifice which will be a 3" diameter reverse pipe. The Cp_v detention time is shown in Table 7 below and the calculated results are shown in Appendix 9.

TABLE 7: Cp_v EXTENDED DETENTION TIMES

FACILITY	Cp_V ED Time (hrs)	FACILITY	Cp_V ED Time (hrs)
POND F	34.99	POND I	26.77
POND G	21.41*	POND J	0.23*
POND H	3.63*	POND K	0.42*

* Facilities with extended detention times less than 24 hours will utilize a minimum 3" orifice as required

The peak discharge rate is controlled utilizing the storage volume available in the stormwater ponds and controlling discharge through an outlet structure releasing the runoff over a greater period of time. The watershed responses to the 1, 10 and 100 year - 24 hour storm events were computed and evaluated at the aforementioned design points. The peak rates of runoff realized at the design points are presented in Table 7. Stormwater computations are attached at the end of this report.

5.52 PEAK RATE CONTROL

The total peak runoff rates at the design point for the existing condition as well as the final proposed condition have been calculated and shown below in Table 8. The peak runoff rates have been reduced in the proposed conditions during the 1, 10 and 100 year design storms for all drainage areas on site.

TABLE 8: SUMMARY OF RESULTS AT THE DESIGN POINTS

Criteria	1 – YEAR (Cpv)		10 – YEAR (Qp)		100 – YEAR (Qf)	
	Existing (cfs)	Proposed (cfs)	Existing (cfs)	Proposed (cfs)	Existing (cfs)	Proposed (cfs)
Design Point A	78.29	76.52	265.19	260.57	477.75	477.62
Design Point B	0.00	0.00	0.11	0.07	1.38	0.64
Design Point C	7.13	4.04	24.00	11.98	43.35	20.60
Design Point D	9.45	4.12	26.31	19.12	44.35	41.65
Design Point E	10.89	7.75	36.88	24.56	66.44	43.06

Since the runoff rates have been proven to decrease in the post-development condition, there will be no adverse impact to the downstream receiving waters. Therefore the SWPPP designed for the Mountainside Woods will accomplish the intent of its design.

5.6 STORMWATER RUNOFF AND NATURAL RESOURCE MANAGEMENT

The implemented SWPPP for Mountainside Woods will also incorporate the following water and natural resource management objectives.

a. Prevent increases in flooding and flood damage through the reduction of the rate of runoff from all areas.

b. Reduce the erosion potential from the development through the reduction of the rate of runoff from the project site and through the implementation of the soil and erosion control measures outlined on the project plans and as highlighted herein.

c. Decreases non-point source pollution and water quality degradation through the use of multiple “green technologies” including sheet flow to filter strips, vegetated open swales, tree plantings, and roof top connections.

d. Those portions of the site which do not direct runoff into a stormwater management practice, will sheet flow through proposed lawn areas and through existing vegetative cover prior to discharging from the site.

6.0 EROSION AND SEDIMENT CONTROL MEASURES

Soil erosion and sediment control measures have been detailed on the plans and outlined herein. The following are general measures that should be implemented:

a. Damage to surface waters resulting from erosion and sedimentation shall be minimized by stabilizing disturbed areas and by removing sediment from construction site discharges.

b. Following the completion of construction activities in any portion of the site, permanent vegetation shall be re-established on all exposed soils within 14 days. Also, in areas where construction will temporarily cease for 21 days or more, the site shall be stabilized within 7 days of the last construction activity. After completion of final rough grading, topsoil shall be spread to a depth of 6 inches or more and tested for nutrient and soil composition. The topsoil shall be amended as necessary to encourage successful growth of proposed vegetation.

c. Site preparation activities shall be planned to minimize the area and duration of soil disturbance. The project will be built in sections limiting the amount of disturbance at any one time. However, due to the amount of earthwork required, there will be greater than the five acres disturbed during many of these phases. In accordance with the NYSDEC GP 0-010-001 permit a

waiver will be applied to have a earth disturbance greater than the 5 acre threshold.

d. Permanent traffic corridors shall be established and “routes of convenience” shall be avoided. Off site sediment tracking shall be minimized through regularly scheduled sweeping and good housekeeping of construction vehicles.

e. A qualified professional shall inspect and log the erosion and sediment control measures once every seven days once earth disturbance has commenced and continue until the site has achieved final stabilization. During times of possible inactivity (i.e. winter months), upon the site being temporarily stabilized, the professional shall perform inspections monthly. The professional shall make recommendations to the operator on how to maintain the integrity and function of all temporary erosion control measures throughout the duration of the development process. Any deficiencies in the measures shall be corrected as soon as possible by the operator.

f. An up to date Construction Site Log Book which includes this SWPPP for Mountainside Woods shall be maintained on site at all times during construction. The Construction Site Log Book shall also include the items found in the most recent version of the New York Standards and Specifications for Erosion and Sediment Control.

In particular, the following measures will be implemented:

a. Pre-Construction Installation: Prior to any disturbance on site, silt fence shall be installed in accordance with the approved plans in the area of the first phase. Prior to commencement of any subsequent phase, silt fence shall be installed in the proper phase in accordance with the approved plans. Siltation barriers shall be maintained in good condition and reinforced, extended, repaired or replaced as necessary.

b. Stone Check Dams: Until such time as final site stabilization is completed, swales/ditches shall receive treatment with stone check dams so as to effectively trap sediment and minimize its release off-site. Stone check dams

shall be constructed within each ditch beginning at its downstream terminus and should be placed at intervals of less than 250 feet.

c. In no case shall erodible materials be stockpiled within 25 feet of any ditch, stream or other surface water body.

d. Permanent vegetative cover: Immediately following the completion of construction activity in any portion of the site, permanent vegetation shall be established on all exposed soils by properly seeding at a coverage rate as noted on the approved plans and covered with straw. Water shall be applied to newly seeded areas as needed until grass cover is well established.

e. Washouts shall be immediately repaired, reseeded and protected from further erosion. All accumulated sediment shall be removed and contained in appropriate spoil areas. To effectively control wind erosion, water shall be applied to all exposed soils as necessary.

7.0 LONG TERM MAINTENANCE OF WATER QUALITY FACILITIES

Upon completion of the project, the stormwater facilities shall be offered for dedication to the ***Town of Lloyd***. The Town of Lloyd, upon acceptance of the facilities, shall be responsible to ensure that the facilities operate and function as designed through proper maintenance as follows.

a. Regular inspection and maintenance of the proposed facilities is required to ensure its long term water quality and quantity reduction functions. Maintenance requirements for the permanent sediment basins, micropool extended detention ponds and pocket ponds are as follows:

   i. The forebay of each facility (including the entire sedimentation basin) shall have accumulated sediment removed every five to six years or when the accumulation level has reached 50% of the forebay capacity. The 50% level will be measured and indicated by the permanent sediment marker installed in each forebay and permanent sediment basin.

   ii. The outlet structure shall be inspected annually for debris and operability. Any deficiencies shall be repaired or removed immediately.

iii. The side slopes of the facilities shall be mowed at a minimum of twice a year.

b. All stormwater facilities are proposed to be located within lands to be owned by the Town of Lloyd, however easements will be filed for any infrastructure to or from a facility for access and maintenance.

c. A removable trash rack shall to be provided on the outlet structure top.

d. All side slopes are a minimum of 4:1, to allow for maintenance.

8.0 SUMMARY OF FINDINGS AND CONCLUSIONS

Based on the analysis of the pre-development and post-development stormwater conditions, and the implementation of stormwater quality and sediment and erosion control measures, the potential stormwater impacts of the Mountainside Woods project will be mitigated to the greatest extent practical.

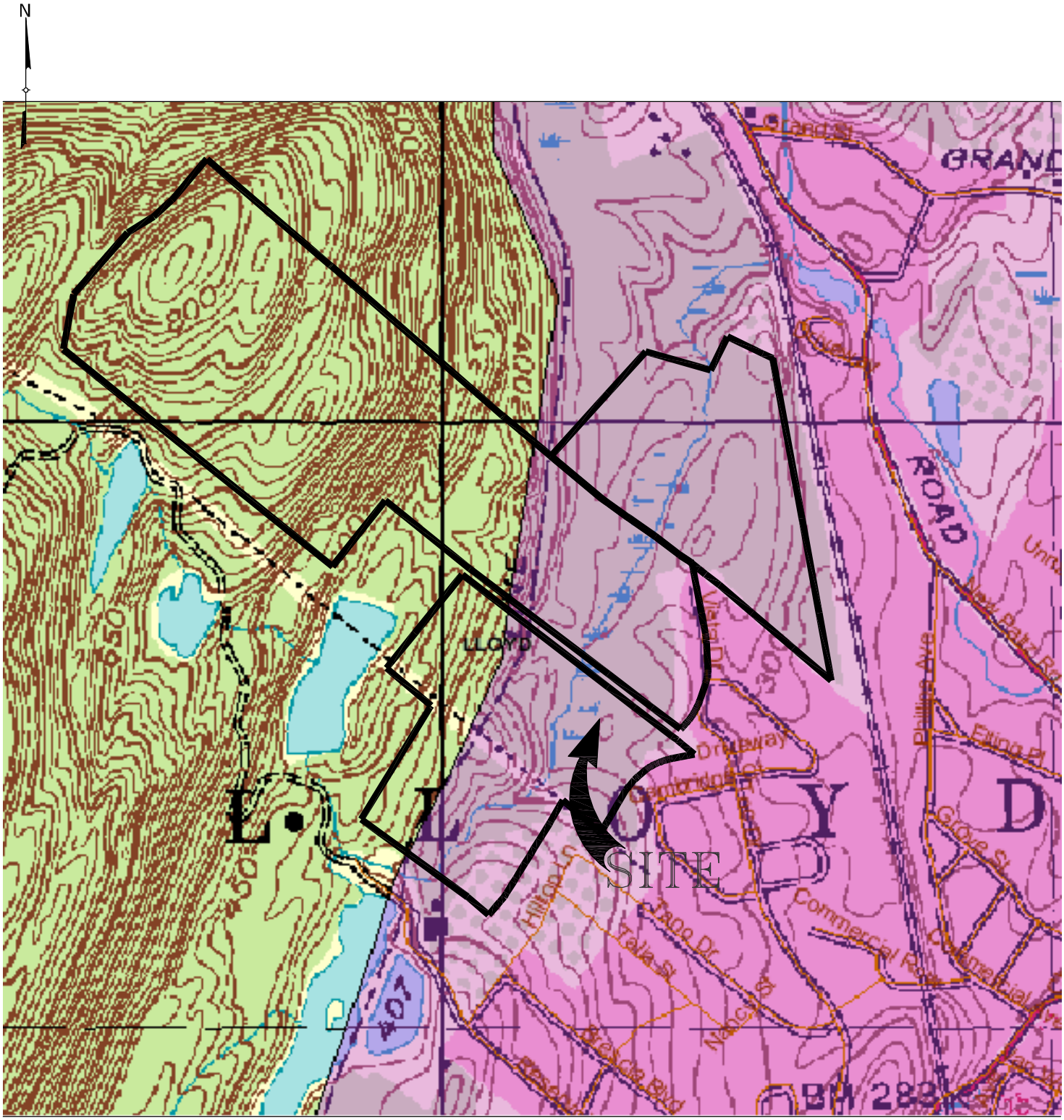
a. All criteria set forth in the New York State Stormwater Management Design Manual have been met.

b. Post-development peak discharge rates will be reduced below pre-development peak discharge rates or their impacts minimized.

c. Sediment and erosion control measures are designed to minimize erosion loss and downstream sediment deposits.

APPENDIX 1

FIGURES



LOCATION MAP SHOWING REGULATED MS4 AREAS	MOUNTAINSIDE WOODS VISTA DRIVE TOWN OF LLOYD ULSTER COUNTY, NEW YORK	DATE: MAR '11	JOB # 944.01	ENGINEERING PROPERTIES Achieving Successful Results with Innovative Designs	99 CLINTON ST. 2ND FLOOR MONTGOMERY, NY 12549 Ph: (845) 457-7727 Fx: (845) 457-1899
		SCALE: N.T.S.	SHEET # F-1		

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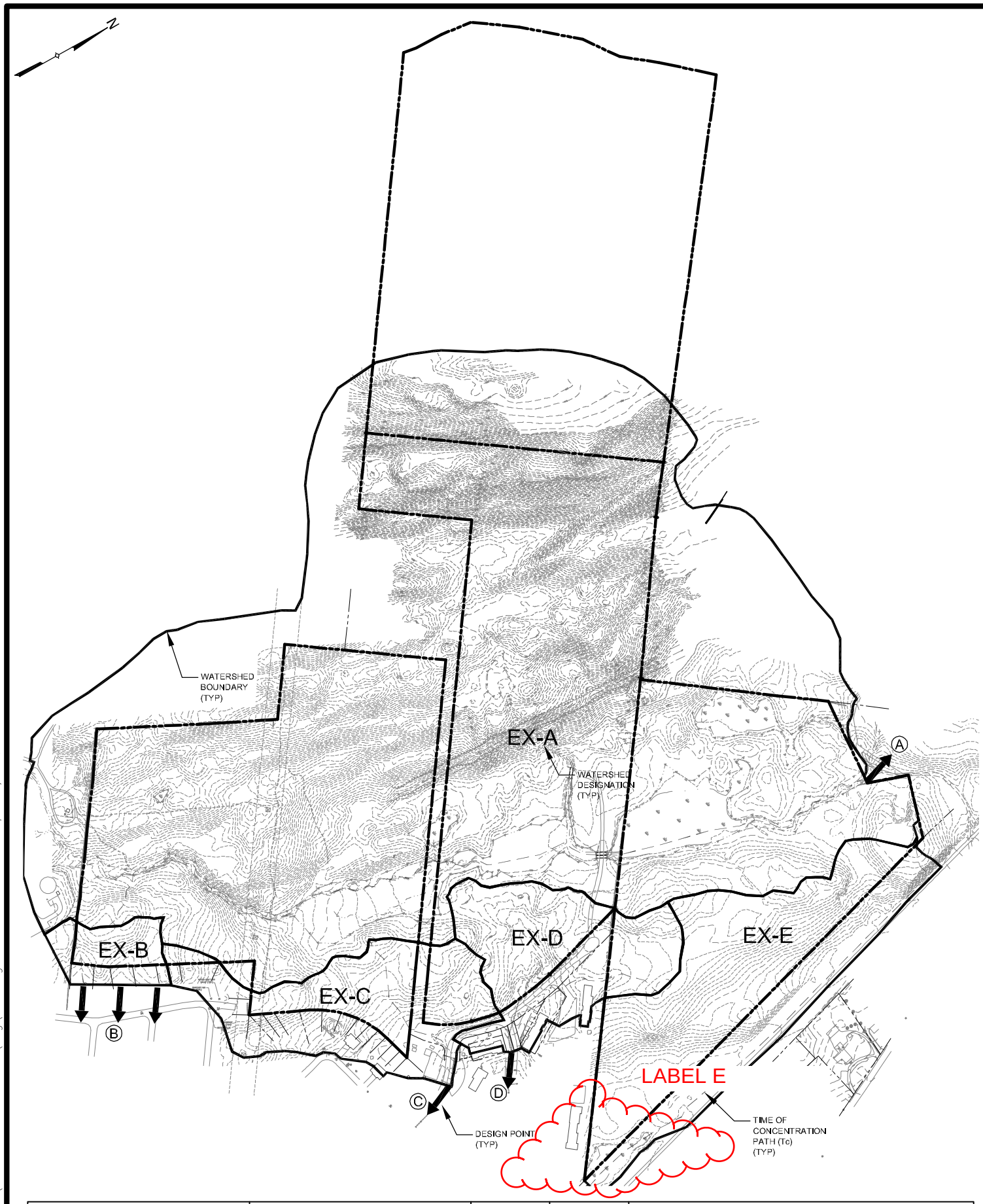
Drawing Name: Z:\944.01 – Mountainside\dwg\SWM.dwg Date Printed: Jan 25, 2011, 10:29am



EXISTING WATERSHED BOUNDARIES	MOUNTAINSIDE WOODS VISTA DRIVE TOWN OF LLOYD ULSTER COUNTY, NEW YORK	DATE: MAR '11	JOB # 944.01	ENGINEERING PROPERTIES Achieving Successful Results with Innovative Designs
		SCALE: 1"=250'	SHEET # F-2	

99 CLINTON ST. 2ND FLOOR
MONTGOMERY, NY 12549
Ph: (845) 457-7727
Fx: (845) 457-1899

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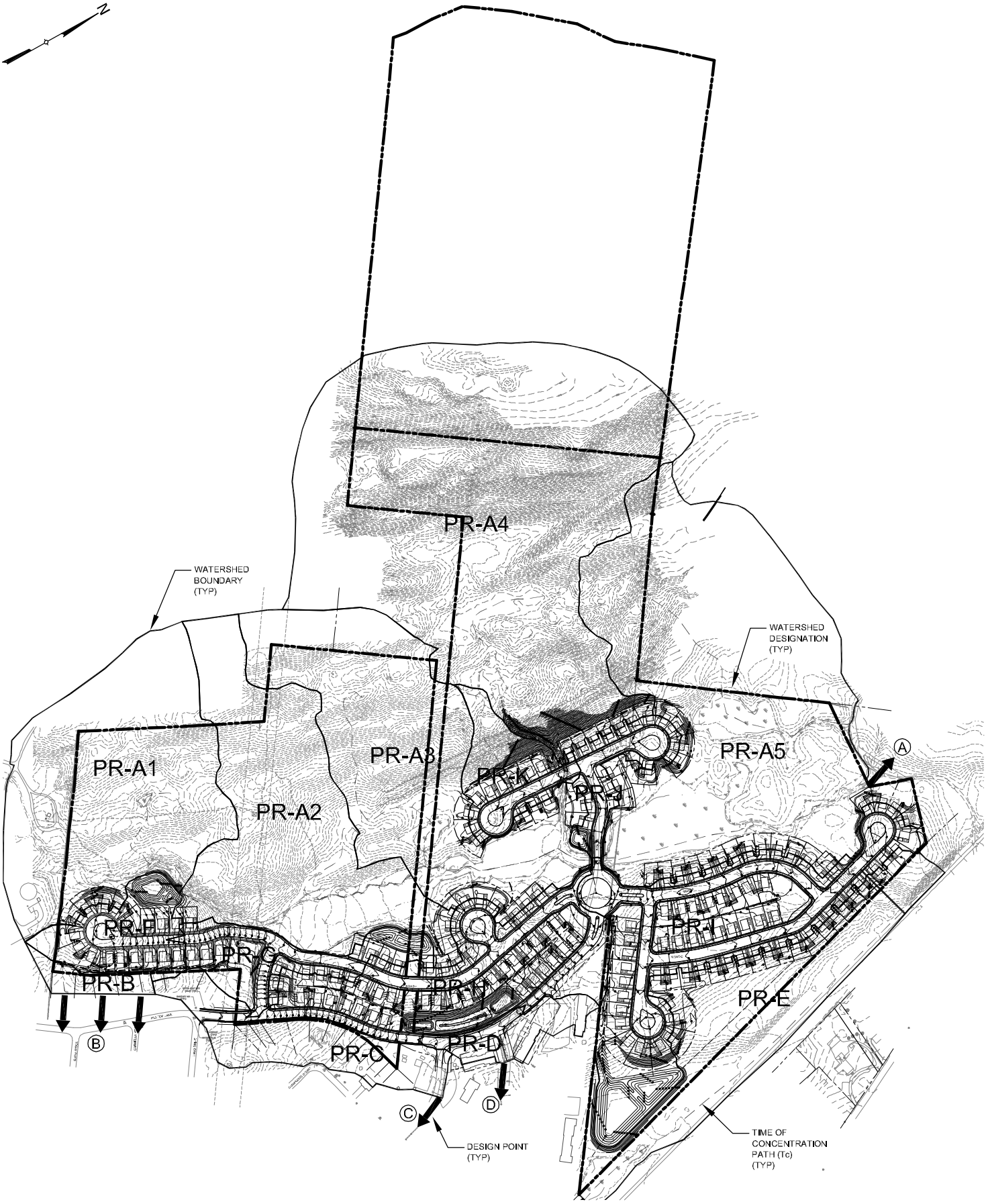

PROPOSED WATERSHED BOUNDARIES	MOUNTAINSIDE WOODS VISTA DRIVE TOWN OF LLOYD ULSTER COUNTY, NEW YORK	DATE: MAR '11	JOB # 944.01	ENGINEERING PROPERTIES Achieving Successful Results with Innovative Designs	99 CLINTON ST. 2ND FLOOR MONTGOMERY, NY 12549 Ph: (845) 457-7727 Fx: (845) 457-1899
		SCALE: 1"=250'	SHEET # F-3		

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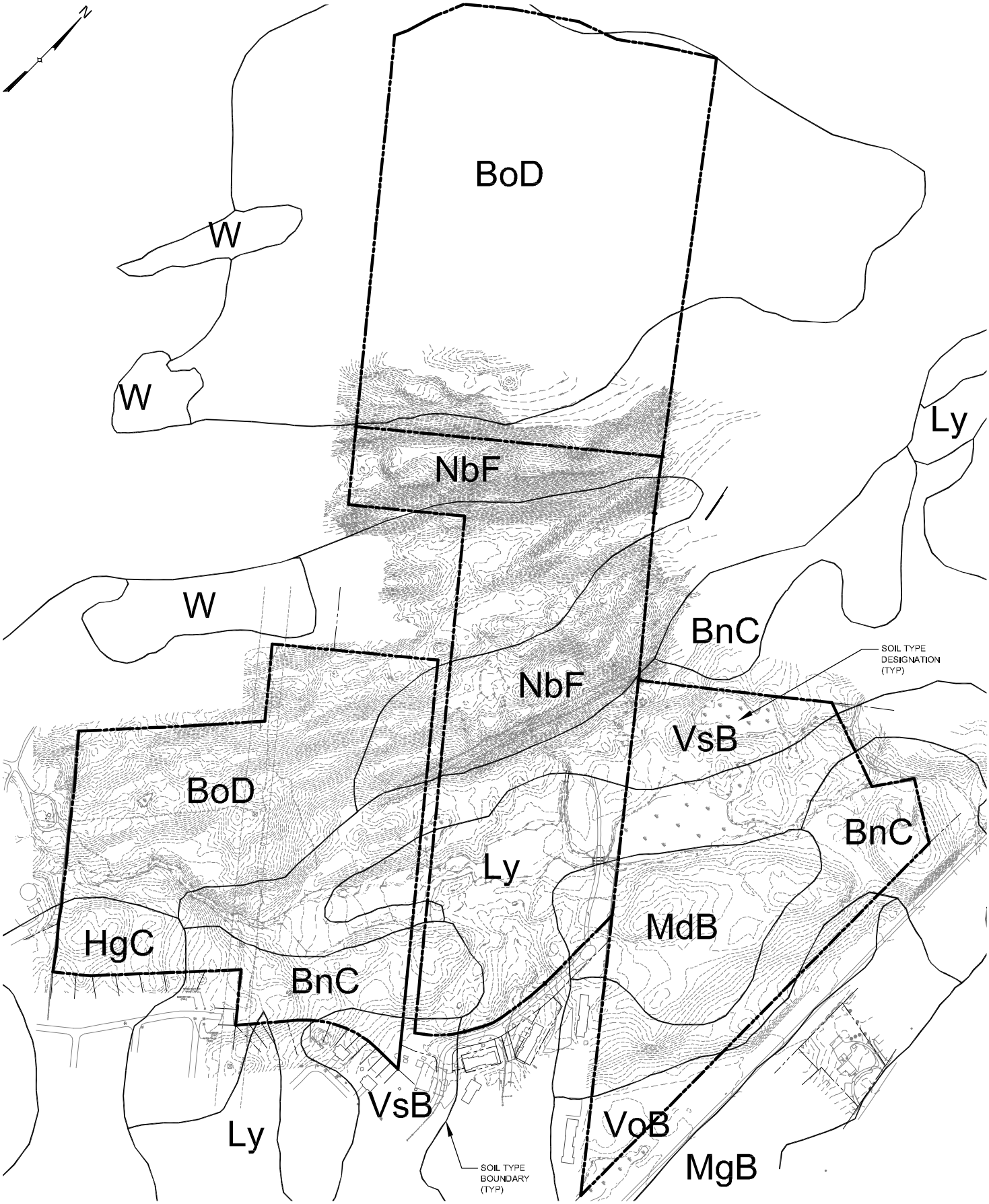

SOILS MAP	MOUNTAINSIDE WOODS VISTA DRIVE TOWN OF LLOYD ULSTER COUNTY, NEW YORK	DATE: MAR '11 SCALE: 1"=500'	JOB # 944.01 SHEET # F-4	ENGINEERING PROPERTIES Achieving Successful Results with Innovative Designs 99 CLINTON ST. 2ND FLOOR MONTGOMERY, NY 12549 Ph: (845) 457-7727 Fx: (845) 457-1899

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Drawing Name: Z:\944.01 – Mountainside\dwg\SWM.dwg Date Printed: Jan 25, 2011, 10:37am

APPENDIX 2

CURVE NUMBER

CALCULATIONS

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**1**	**5**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing Proposed Subarea: **EX-A**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	0.97	95.06
A	Woods - Fair Condition	36	1.48	53.28
C	Woods - Fair Condition	73	100.25	7,318.25
D	Woods - Fair Condition	79	9.60	758.40
C	Meadows	71	10.94	776.74
D	Meadows	78	3.43	267.54
A	Grass - Good Condition	39	0.15	5.85
C	Grass - Good Condition	74	0.46	34.04
		TOTAL =	127.28	9309.16

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{9309.16}{127.28}$$

CN (weighted) = 73.139 Use CN= **73**

2. Runoff S = 3.70

		Storm #1	Storm #2	Storm #3
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**2**	**5**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN)

Existing | Proposed Subarea: **EX-B**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
A	Woods - Fair Condition	36	1.66	59.76
A	Grass - Good Condition	39	0.78	30.42
		TOTAL =	2.44	90.18

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{90.18}{2.44}$$

CN (weighted) = 36.959 Use CN= **37**

2. Runoff

S = 17.03

		Storm #1	*Storm #2*	*Storm #3*
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**3**	**5**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing Proposed Subarea: **EX-C**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	0.47	46.06
A	Woods - Fair Condition	36	0.22	7.92
C	Woods - Fair Condition	73	5.95	434.35
D	Woods - Fair Condition	79	0.60	47.40
A	Grass - Good Condition	39	0.24	9.36
C	Grass - Good Condition	74	2.85	210.90
D	Grass - Good Condition	80	0.04	3.20
		TOTAL =	10.37	759.19

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{759.19}{10.37}$$

CN (weighted) = 73.210 Use CN= **73**

2. Runoff S = 3.70

		Storm #1	*Storm #2*	*Storm #3*
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**4**	**5**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN)

Existing | Proposed Subarea: **EX-D**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	1.10	107.80
C	Woods - Fair Condition	73	2.60	189.80
D	Woods - Fair Condition	79	1.66	131.14
C	Grass - Good Condition	74	0.95	70.30
D	Grass - Good Condition	80	3.04	243.20
		TOTAL =	9.35	742.24

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{742.24}{9.35}$$

CN (weighted) = 79.384 Use CN= **79**

2. Runoff

S = 2.66

		Storm #1	*Storm #2*	*Storm #3*
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**5**	**5**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing Proposed Subarea: **EX-E**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	0.34	33.32
C	Woods - Fair Condition	73	16.80	1,226.40
C	Meadows	71	0.56	39.76
		TOTAL =	17.70	1299.48

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{1299.48}{17.7}$$

CN (weighted) = 73.417 Use CN= **73**

2. Runoff S = 3.70

		Storm #1	*Storm #2*	*Storm #3*
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**1**	**15**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing [Proposed] Subarea: **PR-A1**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	0.59	57.82
A	Woods - Fair Condition	36	0.08	2.88
C	Woods - Fair Condition	73	12.52	913.96
A	Grass - Good Condition	61	0.33	20.13
C	Grass - Good Condition	74	2.93	216.82
		TOTAL =	16.45	1211.61

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{1211.61}{16.45}$$

CN (weighted) = 73.654 Use CN= **74**

2. Runoff S = 3.51

		Storm #1	Storm #2	Storm #3
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**2**	**15**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing [Proposed] Subarea: **PR-A2**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	0.15	14.70
C	Woods - Fair Condition	73	10.06	734.38
D	Woods - Fair Condition	79	1.14	90.06
C	Grass - Good Condition	74	3.41	252.34
D	Grass - Good Condition	80	0.21	16.80
		TOTAL =	14.97	1108.28

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{1108.28}{14.97}$$

CN (weighted) = 74.033 Use CN= **74**

2. Runoff S = 3.51

		Storm #1	*Storm #2*	*Storm #3*
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**3**	**15**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing **Proposed** Subarea: **PR-A3**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	0.41	40.18
C	Woods - Fair Condition	73	10.16	741.68
D	Woods - Fair Condition	79	2.18	172.22
C	Grass - Good Condition	74	1.69	125.06
D	Grass - Good Condition	80	2.38	190.40
		TOTAL =	16.82	1269.54

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{1269.54}{16.82}$$

CN (weighted) = 75.478 Use CN= **75**

2. Runoff S = 3.33

		Storm #1	*Storm #2*	*Storm #3*
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

ENGINEERING PROPERTIES
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CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**4**	**15**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing [Proposed] Subarea: **PR-A4**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	0.22	21.56
C	Woods - Fair Condition	73	34.39	2,510.47
C	Grass - Good Condition	74	2.79	206.46
		TOTAL =	37.40	2738.49

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{2738.49}{37.4}$$

CN (weighted) = 73.222 Use CN= **73**

2. Runoff S = 3.70

		Storm #1	*Storm #2*	*Storm #3*
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

ENGINEERING PROPERTIES
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CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**5**	**15**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing [Proposed] Subarea: **PR-A5**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	0.55	53.90
C	Woods - Fair Condition	73	20.04	1,462.92
D	Woods - Fair Condition	79	5.34	421.86
C	Grass - Good Condition	74	2.09	154.66
D	Grass - Good Condition	80	0.46	36.80
		TOTAL =	28.48	2130.14

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{2130.14}{28.48}$$

CN (weighted) = 74.794 Use CN= **75**

2. Runoff S = 3.33

		Storm #1	Storm #2	Storm #3
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

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CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**6**	**15**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing [Proposed] Subarea: **PR-B**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
A	Woods - Fair Condition	36	0.23	8.28
A	Grass - Good Condition	39	0.75	29.25
		TOTAL =	0.98	37.53

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{37.53}{0.98}$$

CN (weighted) = 38.296 Use CN= **38**

2. Runoff S = 16.32

		Storm #1	Storm #2	Storm #3
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**7**	**15**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing [Proposed] Subarea: **PR-C**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	0.37	36.26
C	Woods - Fair Condition	73	1.37	100.01
D	Woods - Fair Condition	79	0.34	26.86
C	Grass - Good Condition	74	1.60	118.40
D	Grass - Good Condition	80	0.02	1.60
		TOTAL =	3.70	283.13

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{283.13}{3.7}$$

CN (weighted) = 76.522 Use CN= **77**

2. Runoff S = 2.99

		Storm #1	*Storm #2*	*Storm #3*
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**8**	**15**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing [Proposed] Subarea: **PR-D**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	1.07	104.86
C	Woods - Fair Condition	73	0.02	1.46
D	Woods - Fair Condition	79	0.08	6.32
C	Grass - Good Condition	74	0.18	13.32
D	Grass - Good Condition	80	0.61	48.80
		TOTAL =	1.96	174.76

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{174.76}{1.96}$$

CN (weighted) = 89.163 Use CN= **89**

2. Runoff S = 1.24

		Storm #1	*Storm #2*	*Storm #3*
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**9**	**15**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing [Proposed] Subarea: **PR-E**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	0.76	74.48
	Woods - Fair Condition	73	7.60	554.80
	Grass - Good Condition	74	2.49	184.26
		TOTAL =	10.85	813.54

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{813.54}{10.85}$$

CN (weighted) = 74.981 Use CN= **75**

2. Runoff S = 3.33

		Storm #1	*Storm #2*	*Storm #3*
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**10**	**15**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing [Proposed] Subarea: **PR-F**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	1.25	122.50
A	Woods - Fair Condition	36	0.25	9.00
C	Woods - Fair Condition	73	0.03	2.19
A	Grass - Good Condition	39	1.37	53.43
C	Grass - Good Condition	74	0.54	39.96
		TOTAL =	3.44	227.08

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{227.08}{3.44}$$

CN (weighted) = 66.012 Use CN= **66**

2. Runoff S = 5.15

		Storm #1	Storm #2	Storm #3
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

ENGINEERING PROPERTIES
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CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**11**	**15**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing [Proposed] Subarea: **PR-G**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	1.61	157.78
C	Woods - Fair Condition	73	0.07	5.11
A	Grass - Good Condition	39	0.01	0.39
C	Grass - Good Condition	74	2.01	148.74
		TOTAL =	3.70	312.02

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{312.02}{3.7}$$

CN (weighted) = 84.330 Use CN= **84**

2. Runoff S = 1.90

		Storm #1	*Storm #2*	*Storm #3*
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

ENGINEERING PROPERTIES
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CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**12**	**15**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing [Proposed] Subarea: **PR-H**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	4.49	440.02
C	Woods - Fair Condition	73	0.25	18.25
A	Grass - Good Condition	39	0.17	6.63
C	Grass - Good Condition	74	3.90	288.60
D	Grass - Good Condition	80	1.72	137.60
		TOTAL =	10.53	891.1

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{891.1}{10.53}$$

CN (weighted) = 84.625 Use CN= **85**

2. Runoff S = 1.76

		Storm #1	*Storm #2*	*Storm #3*
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

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CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**13**	**15**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing [Proposed] Subarea: **PR-I**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	5.73	561.54
C	Woods - Fair Condition	73	0.27	19.71
C	Grass - Good Condition	74	6.52	482.48
		TOTAL =	12.52	1063.73

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{1063.73}{12.52}$$

CN (weighted) = 84.962 Use CN= **85**

2. Runoff S = 1.76

		Storm #1	*Storm #2*	*Storm #3*
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

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CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**14**	**15**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing [Proposed] Subarea: **PR-J**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	1.36	133.28
C	Grass - Good Condition	74	0.04	2.96
D	Grass - Good Condition	80	0.76	60.80
		TOTAL =	2.16	197.04

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{197.04}{2.16}$$

CN (weighted) = 91.222 Use CN= **91**

2. Runoff S = 0.99

		Storm #1	*Storm #2*	*Storm #3*
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

ENGINEERING PROPERTIES
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CURVE NUMBER (CN) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**15**	**15**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

1. Runoff curve number (CN) Existing [Proposed] Subarea: **PR-K**

Soil Name & Hydrologic Group	Cover Description (cover type, treatment & conditions)	CN	Area (acres)	Product of CN x Area
	Impervious Cover	98	1.07	104.86
C	Woods - Fair Condition	73	1.01	73.73
C	Grass - Good Condition	74	0.84	62.16
D	Grass - Good Condition	80	0.26	20.80
		TOTAL =	3.18	261.55

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{261.55}{3.18}$$

CN (weighted) = 82.248 Use CN= **82**

2. Runoff S = 2.20

		Storm #1	*Storm #2*	*Storm #3*
Frequency	yr			
Rainfall, P	in			
Runoff, Q	in			

(Use P and CN with table 2-1, fig 2-1, or eqns. 2-3 and 2-4)

APPENDIX 3

TIME OF CONCENTRATION CALCULATIONS

ENGINEERING PROPERTIES
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TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		1	5

PROJECT TITLE	LOCATION
Mountainside Woods	**Town of Lloyd**

CALCULATED BY	APPROVED BY	REF DRAWING(S)
JS	**JS**	**Site Plan (EIS Submittal)**

Existing | Proposed Area: **EX-A**

1. Sheet Flow

		Segment ID	A - B				
Surface Description (table 3-1)			Woods: L				
Manning's roughness coeff., 'n' (table 3-1)			0.40				
Flow length, L (total L ≤ 300 ft)		ft	100				
Two-year 24-hour rainfall, P_2		in	3.5				
Land Slope, s		ft/ft	0.050				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$		hr	0.237				0.237

2. Shallow Concentrated Flow

		Segment ID	B - C				
Surface description (paved or unpaved)			Unpaved				
Flow length, L		ft	140.3				
Watercourse slope, s		ft/ft	0.164				
Average velocity, V (figure 3-1)		ft/s	6.534				
$T_t = \frac{L}{3600\,V}$		hr	0.006				0.006

3. Channel Flow

		Segment ID	C - D				
Cross sectional flow area, a		ft^2	6.00				
Wetted perimeter, p_w		ft	6.414				
Hydraulic radius, $r = a/p_w$		ft	0.935				
Channel slope, s		ft/ft	0.018				
Manning's roughness coefficient, n			0.025				
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$		ft/s	7.648				
Flow Length, L		ft	3,308.4				
$T_t = \frac{L}{3600\,V}$		hr	0.120				0.120

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19) **hr = 0.36**

min = 21.60

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TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		2	5

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

Existing | Proposed Area: **EX-B**

1. Sheet Flow

	Segment ID	**A - B**				
Surface Description (table 3-1)		Woods: L				
Manning's roughness coeff., 'n' (table 3-1)		0.40				
Flow length, L (total L ≤ 300 ft)	ft	100				
Two-year 24-hour rainfall, P_2	in	3.5				
Land Slope, s	ft/ft	0.080				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr	0.197				0.197

2. Shallow Concentrated Flow

	Segment ID	**B - C**				
Surface description (paved or unpaved)		Unpaved				
Flow length, L	ft	277.9				
Watercourse slope, s	ft/ft	0.043				
Average velocity, V (figure 3-1)	ft/s	3.346				
$T_t = \frac{L}{3600\,V}$	hr	0.023				0.023

3. Channel Flow

	Segment ID					
Cross sectional flow area, a	ft^2					
Wetted perimeter, p_w	ft					
Hydraulic radius, $r = a/p_w$	ft					
Channel slope, s	ft/ft					
Manning's roughness coefficient, n						
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s					
Flow Length, L	ft					
$T_t = \frac{L}{3600\,V}$	hr					

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19) **hr = 0.22**

min = 13.20

ENGINEERING PROPERTIES
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TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		3	5

PROJECT TITLE	LOCATION
Mountainside Woods	**Town of Lloyd**

CALCULATED BY	APPROVED BY	REF DRAWING(S)
JS	**JS**	**Site Plan (EIS Submittal)**

Existing | Proposed Area: **EX-C**

1. Sheet Flow

		Segment ID	A - B				
Surface Description (table 3-1)			Woods: L				
Manning's roughness coeff., 'n' (table 3-1)			0.40				
Flow length, L (total L ≤ 300 ft)		ft	100				
Two-year 24-hour rainfall, P_2		in	3.5				
Land Slope, s		ft/ft	0.090				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$		hr	0.188				0.188

2. Shallow Concentrated Flow

		Segment ID	B - C				
Surface description (paved or unpaved)			Unpaved				
Flow length, L		ft	510.6				
Watercourse slope, s		ft/ft	0.054				
Average velocity, V (figure 3-1)		ft/s	3.749				
$T_t = \frac{L}{3600\,V}$		hr	0.038				0.038

3. Channel Flow

		Segment ID	C - D				
Cross sectional flow area, a		ft^2	0.79				
Wetted perimeter, p_w		ft	3.142				
Hydraulic radius, $r = a/p_w$		ft	0.250				
Channel slope, s		ft/ft	0.018				
Manning's roughness coefficient, n			0.011				
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$		ft/s	7.211				
Flow Length, L		ft	146.6				
$T_t = \frac{L}{3600\,V}$		hr	0.006				0.006

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19) **hr =** **0.23**

min = **13.80**

ENGINEERING PROPERTIES
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TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		4	5

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

Existing | Proposed Area: **EX-D**

1. Sheet Flow

		Segment ID	A - B				
Surface Description (table 3-1)			Woods: L				
Manning's roughness coeff., 'n' (table 3-1)			0.40				
Flow length, L (total L ≤ 300 ft)	ft		100				
Two-year 24-hour rainfall, P_2	in		3.5				
Land Slope, s	ft/ft		0.060				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr		0.221				0.221

2. Shallow Concentrated Flow

		Segment ID	B - C				
Surface description (paved or unpaved)			Unpaved				
Flow length, L	ft		519.4				
Watercourse slope, s	ft/ft		0.047				
Average velocity, V (figure 3-1)	ft/s		3.498				
$T_t = \frac{L}{3600\,V}$	hr		0.041				0.041

3. Channel Flow

		Segment ID	C - D				
Cross sectional flow area, a	ft^2		0.35				
Wetted perimeter, p_w	ft		2.094				
Hydraulic radius, $r = a/p_w$	ft		0.167				
Channel slope, s	ft/ft		0.036				
Manning's roughness coefficient, n			0.011				
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s		7.785				
Flow Length, L	ft		148.7				
$T_t = \frac{L}{3600\,V}$	hr		0.005				0.005

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19) **hr = 0.27**

min = 16.20

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TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		5	5

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY	APPROVED BY	REF DRAWING(S)
JS	**JS**	**Site Plan (EIS Submittal)**

Existing | Proposed Area: **EX-E**

1. Sheet Flow	**Segment ID**	**A - B**				
Surface Description (table 3-1)		Woods: L				
Manning's roughness coeff., 'n' (table 3-1)		0.40				
Flow length, L (total L ≤ 300 ft)	ft	100				
Two-year 24-hour rainfall, P_2	in	3.5				
Land Slope, s	ft/ft	0.150				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr	0.153				0.153

2. Shallow Concentrated Flow	**Segment ID**	**B - C**				
Surface description (paved or unpaved)		Unpaved				
Flow length, L	ft	1,868.7				
Watercourse slope, s	ft/ft	0.019				
Average velocity, V (figure 3-1)	ft/s	2.224				
$T_t = \frac{L}{3600\,V}$	hr	0.233				0.233

3. Channel Flow	**Segment ID**					
Cross sectional flow area, a	ft^2					
Wetted perimeter, p_w	ft					
Hydraulic radius, $r = a/p_w$	ft					
Channel slope, s	ft/ft					
Manning's roughness coefficient, n						
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s					
Flow Length, L	ft					
$T_t = \frac{L}{3600\,V}$	hr					

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19) **hr =** **0.39**

min = **23.40**

ENGINEERING PROPERTIES
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TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		1	15

PROJECT TITLE	LOCATION
Mountainside Woods	**Town of Lloyd**

CALCULATED BY	APPROVED BY	REF DRAWING(S)
JS	**JS**	**Site Plan (EIS Submittal)**

Existing | Proposed | Area: **PR-A1**

1. Sheet Flow

	Segment ID	**A - B**				
Surface Description (table 3-1)		Woods: L				
Manning's roughness coeff., 'n' (table 3-1)		0.40				
Flow length, L (total L ≤ 300 ft)	ft	100				
Two-year 24-hour rainfall, P_2	in	3.5				
Land Slope, s	ft/ft	0.080				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr	0.197				0.197

2. Shallow Concentrated Flow

	Segment ID	**B - C**				
Surface description (paved or unpaved)		Unpaved				
Flow length, L	ft	417.6				
Watercourse slope, s	ft/ft	0.081				
Average velocity, V (figure 3-1)	ft/s	4.592				
$T_t = \frac{L}{3600\,V}$	hr	0.025				0.025

3. Channel Flow

	Segment ID	**C - D**				
Cross sectional flow area, a	ft^2	6.00				
Wetted perimeter, p_w	ft	6.414				
Hydraulic radius, $r = a/p_w$	ft	0.935				
Channel slope, s	ft/ft	0.036				
Manning's roughness coefficient, n		0.025				
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s	10.816				
Flow Length, L	ft	168.2				
$T_t = \frac{L}{3600\,V}$	hr	0.004				0.004

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19)	**hr =**	**0.23**
	min =	**13.80**

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TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		2	15

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

Existing | Proposed | Area: **PR-A2**

1. Sheet Flow

	Segment ID	**A - B**				
Surface Description (table 3-1)		Woods: L				
Manning's roughness coeff., 'n' (table 3-1)		0.40				
Flow length, L (total L ≤ 300 ft)	ft	100				
Two-year 24-hour rainfall, P_2	in	3.5				
Land Slope, s	ft/ft	0.065				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr	0.214				0.214

2. Shallow Concentrated Flow

	Segment ID	**B - C**				
Surface description (paved or unpaved)		Unpaved				
Flow length, L	ft	353.8				
Watercourse slope, s	ft/ft	0.027				
Average velocity, V (figure 3-1)	ft/s	2.641				
$T_t = \frac{L}{3600\,V}$	hr	0.037				0.037

3. Channel Flow

	Segment ID	**C - D**				
Cross sectional flow area, a	ft^2	6.00				
Wetted perimeter, p_w	ft	6.414				
Hydraulic radius, $r = a/p_w$	ft	0.935				
Channel slope, s	ft/ft	0.025				
Manning's roughness coefficient, n		0.025				
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s	9.014				
Flow Length, L	ft	404.3				
$T_t = \frac{L}{3600\,V}$	hr	0.012				0.012

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19) **hr = 0.26**

min = 15.60

ENGINEERING PROPERTIES
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TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		3	15

PROJECT TITLE	LOCATION
Mountainside Woods	**Town of Lloyd**

CALCULATED BY	APPROVED BY	REF DRAWING(S)
JS	**JS**	**Site Plan (EIS Submittal)**

Existing | Proposed | Area: **PR-A3**

1. Sheet Flow

	Segment ID	**A - B**				
Surface Description (table 3-1)		Woods: L				
Manning's roughness coeff., 'n' (table 3-1)		0.40				
Flow length, L (total L ≤ 300 ft)	ft	100				
Two-year 24-hour rainfall, P_2	in	3.5				
Land Slope, s	ft/ft	0.070				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr	0.207				0.207

2. Shallow Concentrated Flow

	Segment ID	**B - C**				
Surface description (paved or unpaved)		Unpaved				
Flow length, L	ft	952.4				
Watercourse slope, s	ft/ft	0.123				
Average velocity, V (figure 3-1)	ft/s	5.659				
$T_t = \frac{L}{3600\,V}$	hr	0.047				0.047

3. Channel Flow

	Segment ID	**C - D**				
Cross sectional flow area, a	ft^2	6.00				
Wetted perimeter, p_w	ft	6.414				
Hydraulic radius, $r = a/p_w$	ft	0.935				
Channel slope, s	ft/ft	0.003				
Manning's roughness coefficient, n		0.025				
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s	3.122				
Flow Length, L	ft	677.5				
$T_t = \frac{L}{3600\,V}$	hr	0.060				0.060

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19)	**hr =**	**0.31**
	min =	**18.60**

ENGINEERING PROPERTIES
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TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		4	15

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

Existing | Proposed | Area: **PR-A4**

1. Sheet Flow

	Segment ID	**A - B**				
Surface Description (table 3-1)		Woods: L				
Manning's roughness coeff., 'n' (table 3-1)		0.40				
Flow length, L (total L ≤ 300 ft)	ft	100				
Two-year 24-hour rainfall, P_2	in	3.5				
Land Slope, s	ft/ft	0.050				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr	0.237				0.237

2. Shallow Concentrated Flow

	Segment ID	**B - C**				
Surface description (paved or unpaved)		Unpaved				
Flow length, L	ft	1,047.5				
Watercourse slope, s	ft/ft	0.069				
Average velocity, V (figure 3-1)	ft/s	4.238				
$T_t = \frac{L}{3600\,V}$	hr	0.069				0.069

3. Channel Flow

	Segment ID	**C - D**				
Cross sectional flow area, a	ft^2	6.00				
Wetted perimeter, p_w	ft	6.414				
Hydraulic radius, $r = a/p_w$	ft	0.935				
Channel slope, s	ft/ft	0.214				
Manning's roughness coefficient, n		0.025				
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s	26.371				
Flow Length, L	ft	396.9				
$T_t = \frac{L}{3600\,V}$	hr	0.004				0.004

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19)	**hr =**	**0.31**
	min =	**18.60**

ENGINEERING PROPERTIES
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TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		5	15

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

Existing | Proposed | Area: **PR-A5**

1. Sheet Flow

	Segment ID	**A - B**				
Surface Description (table 3-1)		Woods: L				
Manning's roughness coeff., 'n' (table 3-1)		0.40				
Flow length, L (total L ≤ 300 ft)	ft	100				
Two-year 24-hour rainfall, P_2	in	3.5				
Land Slope, s	ft/ft	0.290				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr	0.117				0.117

2. Shallow Concentrated Flow

	Segment ID	**B - C**				
Surface description (paved or unpaved)		Unpaved				
Flow length, L	ft	1,263.8				
Watercourse slope, s	ft/ft	0.120				
Average velocity, V (figure 3-1)	ft/s	5.589				
$T_t = \frac{L}{3600\,V}$	hr	0.063				0.063

3. Channel Flow

	Segment ID					
Cross sectional flow area, a	ft^2					
Wetted perimeter, p_w	ft					
Hydraulic radius, $r = a/p_w$	ft					
Channel slope, s	ft/ft					
Manning's roughness coefficient, n						
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s					
Flow Length, L	ft					
$T_t = \frac{L}{3600\,V}$	hr					

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19) **hr = 0.18**

min = 10.80

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		6	15

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

Existing | Proposed | Area: **PR-B**

1. Sheet Flow

	Segment ID	**A - B**				
Surface Description (table 3-1)		Woods: L				
Manning's roughness coeff., 'n' (table 3-1)		0.40				
Flow length, L (total L ≤ 300 ft)	ft	100				
Two-year 24-hour rainfall, P_2	in	3.5				
Land Slope, s	ft/ft	0.080				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr	0.197				0.197

2. Shallow Concentrated Flow

	Segment ID	**B - C**				
Surface description (paved or unpaved)		Unpaved				
Flow length, L	ft	277.9				
Watercourse slope, s	ft/ft	0.043				
Average velocity, V (figure 3-1)	ft/s	3.346				
$T_t = \frac{L}{3600\,V}$	hr	0.023				0.023

3. Channel Flow

	Segment ID					
Cross sectional flow area, a	ft^2					
Wetted perimeter, p_w	ft					
Hydraulic radius, $r = a/p_w$	ft					
Channel slope, s	ft/ft					
Manning's roughness coefficient, n						
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s					
Flow Length, L	ft					
$T_t = \frac{L}{3600\,V}$	hr					

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19) **hr = 0.22**

min = 13.20

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		7	15

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

Existing | Proposed | Area: **PR-C**

1. Sheet Flow

	Segment ID	**A - B**				
Surface Description (table 3-1)		Woods: L				
Manning's roughness coeff., 'n' (table 3-1)		0.40				
Flow length, L (total L ≤ 300 ft)	ft	100				
Two-year 24-hour rainfall, P_2	in	3.5				
Land Slope, s	ft/ft	0.160				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr	0.149				0.149

2. Shallow Concentrated Flow

	Segment ID	**B - C**				
Surface description (paved or unpaved)		Unpaved				
Flow length, L	ft	183.3				
Watercourse slope, s	ft/ft	0.093				
Average velocity, V (figure 3-1)	ft/s	4.920				
$T_t = \frac{L}{3600\,V}$	hr	0.010				0.010

3. Channel Flow

	Segment ID					
Cross sectional flow area, a	ft^2					
Wetted perimeter, p_w	ft					
Hydraulic radius, $r = a/p_w$	ft					
Channel slope, s	ft/ft					
Manning's roughness coefficient, n						
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s					
Flow Length, L	ft					
$T_t = \frac{L}{3600\,V}$	hr					

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19) hr = 0.16

min = 9.60

ENGINEERING PROPERTIES
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TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		8	15

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

Existing | Proposed | Area: **PR-D**

1. Sheet Flow

		Segment ID	A - B	B - C			
Surface Description (table 3-1)			Grass: D	Paved			
Manning's roughness coeff., 'n' (table 3-1)			0.24	0.01			
Flow length, L (total L ≤ 300 ft)	ft		70	30			
Two-year 24-hour rainfall, P_2	in		3.5	3.5			
Land Slope, s	ft/ft		0.057	0.033			
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr		0.112	0.006			0.118

2. Shallow Concentrated Flow

		Segment ID	C - D				
Surface description (paved or unpaved)			Unpaved				
Flow length, L	ft		198.2				
Watercourse slope, s	ft/ft		0.068				
Average velocity, V (figure 3-1)	ft/s		4.207				
$T_t = \frac{L}{3600\,V}$	hr		0.013				0.013

3. Channel Flow

		Segment ID	D - E				
Cross sectional flow area, a	ft^2		0.35				
Wetted perimeter, p_w	ft		2.094				
Hydraulic radius, $r = a/p_w$	ft		0.167				
Channel slope, s	ft/ft		0.040				
Manning's roughness coefficient, n			0.011				
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s		8.205				
Flow Length, L	ft		148.8				
$T_t = \frac{L}{3600\,V}$	hr		0.005				0.005

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19) hr = 0.14

min = 8.40

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		9	15

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

Existing | Proposed | Area: **PR-E**

1. Sheet Flow

	Segment ID	**A - B**				
Surface Description (table 3-1)		Woods: L				
Manning's roughness coeff., 'n' (table 3-1)		0.40				
Flow length, L (total L ≤ 300 ft)	ft	100				
Two-year 24-hour rainfall, P_2	in	3.5				
Land Slope, s	ft/ft	0.150				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr	0.153				0.153

2. Shallow Concentrated Flow

	Segment ID	**B - C**				
Surface description (paved or unpaved)		Unpaved				
Flow length, L	ft	1,868.7				
Watercourse slope, s	ft/ft	0.019				
Average velocity, V (figure 3-1)	ft/s	2.224				
$T_t = \frac{L}{3600\,V}$	hr	0.233				0.233

3. Channel Flow

	Segment ID					
Cross sectional flow area, a	ft^2					
Wetted perimeter, p_w	ft					
Hydraulic radius, $r = a/p_w$	ft					
Channel slope, s	ft/ft					
Manning's roughness coefficient, n						
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s					
Flow Length, L	ft					
$T_t = \frac{L}{3600\,V}$	hr					

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19) **hr = 0.39**

min = 23.40

ENGINEERING PROPERTIES
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TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		10	15

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

Existing | Proposed | Area: **PR-F**

1. Sheet Flow

		Segment ID	A - B	B - C			
Surface Description (table 3-1)			Grass: D	Paved			
Manning's roughness coeff., 'n' (table 3-1)			0.24	0.01			
Flow length, L (total L ≤ 300 ft)		ft	42	58			
Two-year 24-hour rainfall, P_2		in	3.5	3.5			
Land Slope, s		ft/ft	0.020	0.020			
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$		hr	0.114	0.012			0.126

2. Shallow Concentrated Flow

		Segment ID	C - D				
Surface description (paved or unpaved)			Paved				
Flow length, L		ft	81.5				
Watercourse slope, s		ft/ft	0.036				
Average velocity, V (figure 3-1)		ft/s	3.857				
$T_t = \frac{L}{3600\,V}$		hr	0.006				0.006

3. Channel Flow

		Segment ID	D - E				
Cross sectional flow area, a		ft^2	1.77				
Wetted perimeter, p_w		ft	4.712				
Hydraulic radius, $r = a/p_w$		ft	0.375				
Channel slope, s		ft/ft	0.062				
Manning's roughness coefficient, n			0.011				
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$		ft/s	17.539				
Flow Length, L		ft	434.5				
$T_t = \frac{L}{3600\,V}$		hr	0.007				0.007

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19) hr = 0.14

min = 8.40

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		11	15

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

Existing | Proposed | Area: **PR-G**

1. Sheet Flow

	Segment ID	**A - B**				
Surface Description (table 3-1)		Grass: D				
Manning's roughness coeff., 'n' (table 3-1)		0.24				
Flow length, L (total L ≤ 300 ft)	ft	100				
Two-year 24-hour rainfall, P_2	in	3.5				
Land Slope, s	ft/ft	0.090				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr	0.125				0.125

2. Shallow Concentrated Flow

	Segment ID	**B - C**				
Surface description (paved or unpaved)		Unpaved				
Flow length, L	ft	204.3				
Watercourse slope, s	ft/ft	0.107				
Average velocity, V (figure 3-1)	ft/s	5.265				
$T_t = \frac{L}{3600\,V}$	hr	0.011				0.011

3. Channel Flow

	Segment ID	**C - D**				
Cross sectional flow area, a	ft^2	1.77				
Wetted perimeter, p_w	ft	4.712				
Hydraulic radius, $r = a/p_w$	ft	0.375				
Channel slope, s	ft/ft	0.024				
Manning's roughness coefficient, n		0.011				
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s	10.912				
Flow Length, L	ft	513.5				
$T_t = \frac{L}{3600\,V}$	hr	0.013				0.013

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19)	**hr =**	**0.15**
	min =	**9.00**

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		12	15

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

Existing | Proposed | Area: **PR-H**

1. Sheet Flow

	Segment ID	**A - B**				
Surface Description (table 3-1)		Woods: L				
Manning's roughness coeff., 'n' (table 3-1)		0.40				
Flow length, L (total L ≤ 300 ft)	ft	100				
Two-year 24-hour rainfall, P_2	in	3.5				
Land Slope, s	ft/ft	0.040				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr	0.259				0.259

2. Shallow Concentrated Flow

	Segment ID	**B - C**				
Surface description (paved or unpaved)		Unpaved				
Flow length, L	ft	121.6				
Watercourse slope, s	ft/ft	0.074				
Average velocity, V (figure 3-1)	ft/s	4.389				
$T_t = \frac{L}{3600\,V}$	hr	0.008				0.008

3. Channel Flow

	Segment ID	**C - D**				
Cross sectional flow area, a	ft^2	1.77				
Wetted perimeter, p_w	ft	4.712				
Hydraulic radius, $r = a/p_w$	ft	0.376				
Channel slope, s	ft/ft	0.060				
Manning's roughness coefficient, n		0.011				
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s	17.230				
Flow Length, L	ft	219.7				
$T_t = \frac{L}{3600\,V}$	hr	0.004				0.004

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19)	**hr =**	**0.27**
	min =	**16.20**

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		13	15

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

Existing | Proposed | Area: **PR-I**

1. Sheet Flow

	Segment ID	**A - B**				
Surface Description (table 3-1)		Grass: D				
Manning's roughness coeff., 'n' (table 3-1)		0.24				
Flow length, L (total L ≤ 300 ft)	ft	100				
Two-year 24-hour rainfall, P_2	in	3.5				
Land Slope, s	ft/ft	0.050				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr	0.158				0.158

2. Shallow Concentrated Flow

	Segment ID					
Surface description (paved or unpaved)						
Flow length, L	ft					
Watercourse slope, s	ft/ft					
Average velocity, V (figure 3-1)	ft/s					
$T_t = \frac{L}{3600\,V}$	hr					0.000

3. Channel Flow

	Segment ID	**B - C**	**C - D**			
Cross sectional flow area, a	ft^2	4.00	1.77			
Wetted perimeter, p_w	ft	6.472	4.712			
Hydraulic radius, $r = a/p_w$	ft	0.618	0.376			
Channel slope, s	ft/ft	0.028	0.033			
Manning's roughness coefficient, n		0.025	0.011			
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s	7.171	12.733			
Flow Length, L	ft	200.0	888.3			
$T_t = \frac{L}{3600\,V}$	hr	0.008	0.019			0.027

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19) hr = 0.18

min = 10.80

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		14	15

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	REF DRAWING(S) **Site Plan (EIS Submittal)**

Existing | Proposed | Area: **PR-J**

1. Sheet Flow

		Segment ID	A - B	B - C			
Surface Description (table 3-1)			Grass: D	Paved			
Manning's roughness coeff., 'n' (table 3-1)			0.24	0.01			
Flow length, L (total L ≤ 300 ft)	ft		69	31			
Two-year 24-hour rainfall, P_2	in		3.5	3.5			
Land Slope, s	ft/ft		0.015	0.020			
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr		0.190	0.008			0.197

2. Shallow Concentrated Flow

		Segment ID	C - D				
Surface description (paved or unpaved)			Paved				
Flow length, L	ft		94.6				
Watercourse slope, s	ft/ft		0.015				
Average velocity, V (figure 3-1)	ft/s		2.490				
$T_t = \frac{L}{3600\,V}$	hr		0.011				0.011

3. Channel Flow

		Segment ID	D - E				
Cross sectional flow area, a	ft^2		1.77				
Wetted perimeter, p_w	ft		4.712				
Hydraulic radius, $r = a/p_w$	ft		0.376				
Channel slope, s	ft/ft		0.048				
Manning's roughness coefficient, n			0.011				
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s		15.450				
Flow Length, L	ft		206.6				
$T_t = \frac{L}{3600\,V}$	hr		0.004				0.004

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19) hr = 0.21

min = 12.60

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

TIME OF CONCENTRATION (Tc) WORKSHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	Mar '11		15	15

PROJECT TITLE	LOCATION
Mountainside Woods	**Town of Lloyd**

CALCULATED BY	APPROVED BY	REF DRAWING(S)
JS	**JS**	**Site Plan (EIS Submittal)**

Existing | Proposed | Area: **PR-K**

1. Sheet Flow

	Segment ID	**A - B**				
Surface Description (table 3-1)		Woods: L				
Manning's roughness coeff., 'n' (table 3-1)		0.40				
Flow length, L (total L ≤ 300 ft)	ft	100				
Two-year 24-hour rainfall, P_2	in	3.5				
Land Slope, s	ft/ft	0.080				
$T_t = \frac{0.007\,(nL)^{0.8}}{P_2^{0.5}\,s^{0.4}}$	hr	0.197				0.197

2. Shallow Concentrated Flow

	Segment ID	**B - C**				
Surface description (paved or unpaved)		Unpaved				
Flow length, L	ft	337.9				
Watercourse slope, s	ft/ft	0.243				
Average velocity, V (figure 3-1)	ft/s	7.954				
$T_t = \frac{L}{3600\,V}$	hr	0.012				0.012

3. Channel Flow

	Segment ID	**C - D**				
Cross sectional flow area, a	ft^2	4.00				
Wetted perimeter, p_w	ft	6.472				
Hydraulic radius, $r = a/p_w$	ft	0.618				
Channel slope, s	ft/ft	0.042				
Manning's roughness coefficient, n		0.025				
$V = \frac{1.49\,r^{2/3}\,s^{1/2}}{n}$	ft/s	8.862				
Flow Length, L	ft	189.0				
$T_t = \frac{L}{3600\,V}$	hr	0.006				0.006

Total Tc For Watershed or Subarea (Add Steps 6, 11, and 19)	**hr =**	**0.21**
	min =	**12.60**

APPENDIX 4

WATER QUALITY & RUNOFF REDUCTION VOLUME CALCULATIONS

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

WATER QUALITY VOLUME (WQ_v) CALCULATION SHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	MAR '11		1	4

PROJECT TITLE	LOCATION
Mountainside Woods	**Town of Lloyd**

CALCULATED BY	APPROVED BY	Stormwater Management Practice Facility Designation
JS	**JS**	**POND F**

$WQ_v = (P * R_v * A) / (12)$

must use min value of 0.2 for Rv

Drainage Area	90% Rainfall Event # (**P**)	Total Drainage Area (**A**)	Total Impervious Area (**I**)	**R_v** (0.05 + 0.009*I%)	**WQ_v** Required (Ac-ft)	**WQv** Required (ft^3)
PR-F	1.10	3.44	1.25	0.377	0.119	5,183.64

HSG	Area (Ac.)	%	S
A	2.87	83%	0.55
B	0.00	0%	0.40
C	0.57	17%	0.30
D	0.00	0%	0.20

Minimum RRv = (P * 0.95 * S * I) / (12)

P =	1.10	
S =	0.51	
I =	1.25	
RRv_{MIN}	**0.055**	Ac-ft

Green Technology	**Implemented ? Yes**	**No**	Drainage Area Reduction	Contributing Drainage Area Reduction	Total Drainage Area Reduction	Total Impervious Area Reduction
Area Reduction Practices						
Conservation of Natural Areas	☑	☐	0.240	0.000	0.240	0.000
Sheet Flow to Riparian Buffers or Filter Strips	☐	☑				
Tree Planting / Tree Box	☑	☐	0.170	0.700	0.870	0.370
		Subtotals	0.41	0.70	1.11	0.37
Revised WQ_v after Area Deductions	**P**	**A**	**I**	**Rv**	**WQ_v**	**$RR_{v\ AREA}$**
	1.1	2.33	0.88	0.390	0.083	**0.036**
Disconnection of Rooftop Runoff	Impervious Area Reduction:			0.240		
Revised WQ_v after Impervious Disconnect	**P**	**A**	**I**	**Rv**	**WQ_v**	**$RR_{v\ IMP}$**
	1.1	2.33	0.64	0.297	0.063	**0.020**
Source Control WQ_v Treatment Practices	**Yes**	**No**	**WQ_v**	**$RR_{v\ SC}$***	**(A)** Reduction	**(I)** Reduction
Vegetated Open Conservations	☐	☑				
Rain Garden	☐	☑				
Green Roof	☐	☑				
Stormwater Planters	☐	☑				
Rain Tanks / Cisterns	☐	☑				
Porous Pavement	☐	☑				
Standard SMP's with RRv Capacity						
Infiltration	☐	☑				
Bio-Retention	☐	☑				
Dry Swale (Open Channel)	☐	☑				
		Subtotals	0.00	**0.000**	0.00	0.00
Is The Total **RR_v** (**$RR_{v\ AREA}$** + **$RR_{v\ IMP}$** + **$RR_{v\ SC}$**)	**0.056**	**≥ $RR_{v\ MIN}$?**		**0.055**	**YES**	
WQ_v Required by Standard Practices	**P**	**A**	**I**	**R_v**	**WQ_v (Ac-ft)**	**WQ_v (ft^3)**
	1.10	2.33	0.64	0.297	0.063	2,765.153

** For Source Control (if used) RRv calculations see attached Green Technology RRv Calculation Sheets*

ENGINEERING PROPERTIES Achieving Successful Results with Innovative Designs	RUNOFF REDUCTION VOLUME (RRv) CALCULATION SHEET				
	WO. NO. **944.01**	DATE **MAR '11**	REVISED	SHEET **2**	OF **4**
PROJECT TITLE **Mountainside Woods**	LOCATION **Town of Lloyd**				
CALCULATED BY **JS** / APPROVED BY **JS**	Stormwater Management Practice Facility Designation **POND F**				

CONSERVATION OF NATURAL AREAS

Requirement Checks	Yes	No	Notes:
Conservation Area have a minimum contiguous area > 10,000 ft^2	☑	☐	
Limits of clearance shown on plans with a planned method for protection during construction	☑	☐	
Conservation easement, dedication to municipality or land trust	☑	☐	
Does Conservation area receive runoff from other areas of development? (if Yes, Sheetflow to Riparian Buffers design must be used)	☐	☑	

90% Rainfall Event # (**P**)	Total Drainage Area (**A**)	Area to be Protected as Natural Conservation Area	Area Contributory to Natural Conservation Area	Area of Impervious Contributory to Natural Conservation Area
1.10	3.44	0.24	0.00	0.00

ENGINEERING PROPERTIES Achieving Successful Results with Innovative Designs	RUNOFF REDUCTION VOLUME (RRv) CALCULATION SHEET				
	WO. NO. **944.01**	DATE **MAR '11**	REVISED	SHEET **3**	OF **4**
PROJECT TITLE **Mountainside Woods**	LOCATION **Town of Lloyd**				
CALCULATED BY **JS** / APPROVED BY **JS**	Stormwater Management Practice Facility Designation **POND F**				

TREE PLANTING / TREE BOX

Requirement Checks	**Yes**	**No**	**Notes:**
Preservation of Existing Trees	☐	☑	
Inventory of Existing Trees	☐	☐	
Indentified trees to be preserved	☐	☐	
Plan for protection of trees during and post construction	☑	☐	
Species chosen from approved list (Appendix H)	☑	☐	
Existing tree canopy within 20' vertically from ground level	☑	☐	
Existing tree caliper of 4" minimum	☐	☐	
Average slope of contributing area < 3% (If NO, flow spreader must be utilized)	☑	☐	
Planting of New Trees			
Species chosen from approved list (Appendix H)	☑	☐	
Trees planted within 10' vertically of connected impervious runoff areas	☑	☐	
New deciduous trees have a minimum of a 2" caliper and new evergreens trees have a 6' minimum height	☑	☐	
Contributing drainage area and area under canopy has a slope ≤ 5%	☑	☐	

90% Rainfall Event # (**P**)	Total Drainage Area (**A**)	Area of Tree Plantings	Area Contributory to Tree Plantings	Area of Impervious Contributory to Tree Plantings
1.10	3.44	0.17	0.70	0.37

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

RUNOFF REDUCTION VOLUME (RRv) CALCULATION SHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**4**	**4**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	Stormwater Management Practice Facility Designation **POND F**

ROOF/IMPERVIOUS DISCONNECT

Requirement Checks	Yes	No	Notes:
Disconnect receiving soil permeable	☐	☐	*Soil Group A or B, or Evaluated by Licensed Eng.*
Runoff from designated hotspot	☐	☐	
Maximum contributing flow path ≤ 75'	☐	☐	
Downspouts have 10' separation to any impervious area	☐	☐	
Rooftop area less than 500 SF if NO, flow dispersion required (max 2,000 SF)	☐	☐	
Length of vegetated swale, filter strip, and/or infiltration area shall be longer than contributing impervious area length	☐	☐	
Entire vegetative filter/infiltration area has average slope < 5%	☐	☐	

Area of Impervious to have disconnect 0.24

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

WATER QUALITY VOLUME (WQ_v) CALCULATION SHEET

WO. NO.	DATE	REVISED	SHEET	OF
8/1/1902	MAR '11		1	3

PROJECT TITLE	LOCATION
Mountainside Woods	**Town of Lloyd**

CALCULATED BY	APPROVED BY	Stormwater Management Practice Facility Designation
JS	**JS**	**POND G**

$WQ_v = (P * R_v * A) / (12)$

must use min value of 0.2 for Rv

Drainage Area	90% Rainfall Event # (**P**)	Total Drainage Area (**A**)	Total Impervious Area (**I**)	**R_v** (0.05 + 0.009*I%)	**WQ_v** Required (Ac-ft)	**WQv** Required (ft^3)
PR-G	1.10	3.70	1.61	0.442	0.150	6,534.00

HSG	Area (Ac.)	%	S
A	0.00	0%	0.55
B	0.00	0%	0.40
C	3.70	100%	0.30
D	0.00	0%	0.20

Minimum RRv = (P * 0.95 * S * I) / (12)

P =	1.10	
S =	0.30	
I =	1.61	
RRv_{MIN}	**0.042**	Ac-ft

Green Technology	**Implemented ?** Yes	No	Drainage Area Reduction	Contributing Drainage Area Reduction	Total Drainage Area Reduction	Total Impervious Area Reduction
Area Reduction Practices						
Conservation of Natural Areas	☐	☑				
Sheet Flow to Riparian Buffers or Filter Strips	☐	☑				
Tree Planting / Tree Box	☑	☐	0.17	1.57	1.740	0.380
		Subtotals			1.740	0.380

Revised WQ_v after Area Deductions	**P**	**A**	**I**	**Rv**	**WQ_v**	**$RR_{v\ AREA}$**
	1.1	1.96	1.23	0.615	0.110	**0.040**

Disconnection of Rooftop Runoff	Impervious Area Reduction:	0.150

Revised WQ_v after Impervious Disconnect	**P**	**A**	**I**	**Rv**	**WQ_v**	**$RR_{v\ IMP}$**
	1.1	1.96	1.08	0.546	0.098	**0.012**

Source Control WQ_v Treatment Practices	**Yes**	**No**	**WQ_v**	**$RR_{v\ SC}$***	**(A)** Reduction	**(I)** Reduction
Vegetated Open Swales	☐	☑				
Rain Garden	☐	☑				
Green Roof	☐	☑				
Stormwater Planters	☐	☑				
Rain Tanks / Cisterns	☐	☑				
Porous Pavement	☐	☑				
Standard SMP's with RRv Capacity						
Infiltration	☐	☑				
Bio-Retention	☐	☑				
Dry Swale (Open Channel)	☐	☑				
		Subtotals	0.00	**0.000**	0.00	0.00

Is The Total **RR_v** ($RR_{v\ AREA}$ + $RR_{v\ IMP}$ + $RR_{v\ SC}$)	**0.052**	**≥ $RR_{v\ MIN}$?**	**0.042**	**YES**

WQ_v Required by Standard Practices	**P**	**A**	**I**	**R_v**	**WQ_v (Ac-ft)**	**WQ_v (ft^3)**
	1.10	1.96	1.08	0.546	0.098	4,272.510

** For Source Control (if used) RRv calculations see attached Green Technology RRv Calculation Sheets*

ENGINEERING PROPERTIES Achieving Successful Results with Innovative Designs	RUNOFF REDUCTION VOLUME (RRv) CALCULATION SHEET				
	WO. NO. **944.01**	DATE **MAR '11**	REVISED	SHEET **2**	OF **3**
PROJECT TITLE **Mountainside Woods**	LOCATION **Town of Lloyd**				
CALCULATED BY **JS** / APPROVED BY **JS**	Stormwater Management Practice Facility Designation **POND G**				

TREE PLANTING / TREE BOX

Requirement Checks	**Yes**	**No**	**Notes:**
Preservation of Existing Trees	☐	☐	
Inventory of Existing Trees	☐	☐	
Indentified trees to be preserved	☐	☐	
Plan for protection of trees during and post construction	☐	☐	
Species chosen from approved list (Appendix H)	☐	☐	
Existing tree canopy within 20' vertically from ground level	☐	☐	
Existing tree caliper of 4" minimum	☐	☐	
Average slope of contributing area < 3% (If NO, flow spreader must be utilized)	☐	☐	
Planting of New Trees			
Species chosen from approved list (Appendix H)	☐	☐	
Trees planted within 10' vertically of connected impervious runoff areas	☐	☐	
New deciduous trees have a minimum of a 2" caliper and new evergreens trees have a 6' minimum height	☐	☐	
Contributing drainage area and area under canopy has a slope ≤ 5%	☐	☐	

90% Rainfall Event # (**P**)	Total Drainage Area (**A**)	Area of Tree Plantings	Area Contributory to Tree Plantings	Area of Impervious Contributory to Tree Plantings
1.10	3.70	0.17	1.57	0.38

ENGINEERING PROPERTIES Achieving Successful Results with Innovative Designs	RUNOFF REDUCTION VOLUME (RRv) CALCULATION SHEET				
	WO. NO. **944.01**	DATE **MAR '11**	REVISED	SHEET **3**	OF **3**
PROJECT TITLE **Mountainside Woods**	LOCATION **Town of Lloyd**				
CALCULATED BY **JS** / APPROVED BY **JS**	Stormwater Management Practice Facility Designation **POND G**				

ROOF/IMPERVIOUS DISCONNECT

Requirement Checks	Yes	No	Notes:
Disconnect receiving soil permeable	☐	☐	*Soil Group A or B, or Evaluated by Licensed Eng.*
Runoff from designated hotspot	☐	☐	
Maximum contributing flow path ≤ 75'	☐	☐	
Downspouts have 10' separation to any impervious area	☐	☐	
Rooftop area less than 500 SF if NO, flow dispersion required (max 2,000 SF)	☐	☐	
Length of vegetated swale, filter strip, and/or infiltration area shall be longer than contributing impervious area length	☐	☐	
Entire vegetative filter/infiltration area has average slope < 5%	☐	☐	
Area of Impervious to have disconnect	0.15		

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

WATER QUALITY VOLUME (WQ_v) CALCULATION SHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	MAR '11		1	3

PROJECT TITLE	LOCATION
Mountainside Woods	**Town of Lloyd**

CALCULATED BY	APPROVED BY	Stormwater Management Practice Facility Designation
JS	**JS**	**POND H**

$WQ_v = (P * R_v * A) / (12)$

must use min value of 0.2 for Rv

Drainage Area	90% Rainfall Event # (**P**)	Total Drainage Area (**A**)	Total Impervious Area (**I**)	**R_v** (0.05 + 0.009*I%)	**WQ_v** Required (Ac-ft)	**WQv** Required (ft^3)
PR-H	1.10	10.53	4.49	0.434	0.419	18,251.64

HSG	Area (Ac.)	%	S	Minimum RRv = (P * 0.95 * S * I) / (12)		
A	0.00	0%	0.55	**P =**	1.10	
B	0.00	0%	0.40	**S =**	0.27	
C	7.01	67%	0.30	**I =**	4.49	
D	3.52	33%	0.20	**RRv_{MIN}**	**0.104**	Ac-ft

Green Technology	**Implemented ?** Yes	No	Drainage Area Reduction	Contributing Drainage Area Reduction	Total Drainage Area Reduction	Total Impervious Area Reduction
Area Reduction Practices						
Conservation of Natural Areas	☐	☑				
Sheet Flow to Riparian Buffers or Filter Strips	☐	☑				
Tree Planting / Tree Box	☑	☐	0.41	2.46	2.870	1.290
		Subtotals			2.870	1.290
Revised WQ_v after Area Deductions	**P**	**A**	**I**	**Rv**	**WQ_v**	**$RR_{v\ AREA}$**
	1.1	7.66	3.20	0.426	0.299	**0.120**
Disconnection of Rooftop Runoff	Impervious Area Reduction:			0.680		
Revised WQ_v after Impervious Disconnect	**P**	**A**	**I**	**Rv**	**WQ_v**	**$RR_{v\ IMP}$**
	1.1	7.66	2.52	0.346	0.243	**0.056**
Source Control WQ_v Treatment Practices	**Yes**	**No**	**WQ_v**	**$RR_{v\ SC}$***	**(A)**	**(I)**
Vegetated Open Swales	☐	☑				
Rain Garden	☐	☑				
Green Roof	☐	☑				
Stormwater Planters	☐	☑				
Rain Tanks / Cisterns	☐	☑				
Porous Pavement	☐	☑				
Standard SMP's with RRv Capacity						
Infiltration	☐	☑				
Bio-Retention	☐	☑				
Dry Swale (Open Channel)	☐	☑				
		Subtotals	0.00	**0.000**	0.00	0.00
Is The Total **RR_v ($RR_{v\ AREA}$ + $RR_{v\ IMP}$ + $RR_{v\ SC}$)**	**0.176**	**≥ $RR_{v\ MIN}$?**		**0.104**	**YES**	
WQ_v Required by Standard Practices	**P**	**A**	**I**	**R_v**	**WQ_v (Ac-ft)**	**WQ_v (ft^3)**
	1.10	7.66	2.52	0.346	0.243	10,585.443

* For RRv calculations see attached Green Technology RRv Calculation Sheets

ENGINEERING PROPERTIES Achieving Successful Results with Innovative Designs	RUNOFF REDUCTION VOLUME (RRv) CALCULATION SHEET				
	WO. NO. **944.01**	DATE **MAR '11**	REVISED	SHEET **2**	OF **3**
PROJECT TITLE **Mountainside Woods**	LOCATION **Town of Lloyd**				
CALCULATED BY **JS** / APPROVED BY **JS**	Stormwater Management Practice Facility Designation **POND H**				

TREE PLANTING / TREE BOX

Requirement Checks	Yes	No	Notes:
Preservation of Existing Trees	☐	☑	
Inventory of Existing Trees	☐	☑	
Indentified trees to be preserved	☐	☑	
Plan for protection of trees during and post construction	☑	☐	
Species chosen from approved list (Appendix H)	☑	☐	
Existing tree canopy within 20' vertically from ground level	☑	☐	
Existing tree caliper of 4" minimum	☑	☐	
Average slope of contributing area < 3% (If NO, flow spreader must be utilized)	☑	☐	
Planting of New Trees			
Species chosen from approved list (Appendix H)	☑	☐	
Trees planted within 10' vertically of connected impervious runoff areas	☑	☐	
New deciduous trees have a minimum of a 2" caliper and new evergreens trees have a 6' minimum height	☑	☐	
Contributing drainage area and area under canopy has a slope ≤ 5%	☑	☐	

90% Rainfall Event # (**P**)	Total Drainage Area (**A**)	Area of Tree Plantings	Area Contributory to Tree Plantings	Area of Impervious Contributory to Tree Plantings
1.10	10.53	0.41	2.46	1.29

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

RUNOFF REDUCTION VOLUME (RRv) CALCULATION SHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	**MAR '11**		**3**	**3**

PROJECT TITLE		LOCATION
Mountainside Woods		**Town of Lloyd**
CALCULATED BY **JS**	APPROVED BY **JS**	Stormwater Management Practice Facility Designation **POND H**

ROOF/IMPERVIOUS DISCONNECT

Requirement Checks	Yes	No	Notes:
Disconnect receiving soil permeable	☑	☐	*Soil Group A or B, or Evaluated by Licensed Eng.*
Runoff from designated hotspot	☐	☑	
Maximum contributing flow path ≤ 75'	☑	☐	
Downspouts have 10' separation to any impervious area	☑	☐	
Rooftop area less than 500 SF if NO, flow dispersion required (max 2,000 SF)	☑	☐	
Length of vegetated swale, filter strip, and/or infiltration area shall be longer than contributing impervious area length	☑	☐	
Entire vegetative filter/infiltration area has average slope < 5%	☑	☐	

Area of Impervious to have disconnect 0.68

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

WATER QUALITY VOLUME (WQ_v) CALCULATION SHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	MAR '11		1	3

PROJECT TITLE	LOCATION
Mountainside Woods	**Town of Lloyd**

CALCULATED BY	APPROVED BY	Stormwater Management Practice Facility Designation
JS	**JS**	**POND I**

$WQ_v = (P * R_v * A) / (12)$

must use min value of 0.2 for Rv

Drainage Area	90% Rainfall Event # (**P**)	Total Drainage Area (**A**)	Total Impervious Area (**I**)	**R_v** (0.05 + 0.009*I%)	**WQ_v** Required (Ac-ft)	**WQv** Required (ft^3)
PR-I	1.10	12.52	5.73	0.462	0.530	23,086.80

HSG	Area (Ac.)	%	S	Minimum RRv = (P * 0.95 * S * I) / (12)		
A	0.00	0%	0.55	**P =**	1.10	
B	0.00	0%	0.40	**S =**	0.30	
C	12.52	100%	0.30	**I =**	5.73	
D	0.00	0%	0.20	**RRv_{MIN}**	**0.150**	Ac-ft

Green Technology	**Implemented ?** Yes	No	Drainage Area Reduction	Contributing Drainage Area Reduction	Total Drainage Area Reduction	Total Impervious Area Reduction
Area Reduction Practices						
Conservation of Natural Areas	☐	☑				
Sheet Flow to Riparian Buffers or Filter Strips	☐	☑				
Tree Planting / Tree Box	☑	☐	1.55	4.10	5.650	2.010
		Subtotals			5.650	2.010
Revised WQ_v after Area Deductions	**P**	**A**	**I**	**Rv**	**WQ_v**	**$RR_{v\ AREA}$**
	1.1	6.87	3.72	0.537	0.338	**0.192**
Disconnection of Rooftop Runoff	Impervious Area Reduction:			0.550		
Revised WQ_v after Impervious Disconnect	**P**	**A**	**I**	**Rv**	**WQ_v**	**$RR_{v\ IMP}$**
	1.1	6.87	3.17	0.465	0.293	**0.045**
Source Control WQ_v Treatment Practices	**Yes**	**No**	**WQ_v**	**$RR_{v\ SC}$***	**(A)**	**(I)**
Vegetated Open Swales	☐	☑				
Rain Garden	☐	☑				
Green Roof	☐	☑				
Stormwater Planters	☐	☑				
Rain Tanks / Cisterns	☐	☑				
Porous Pavement	☐	☑				
Standard SMP's with RRv Capacity						
Infiltration	☐	☑				
Bio-Retention	☐	☑				
Dry Swale (Open Channel)	☐	☑				
		Subtotals	0.00	**0.000**	0.00	0.00
Is The Total **RR_v ($RR_{v\ AREA}$ + $RR_{v\ IMP}$ + $RR_{v\ SC}$)**	**0.237**	**≥ $RR_{v\ MIN}$?**		**0.150**	**YES**	
WQ_v Required by Standard Practices	**P**	**A**	**I**	**R_v**	**WQ_v (Ac-ft)**	**WQ_v (ft^3)**
	1.10	6.87	3.17	0.465	0.293	12,763.625

** For Source Control (if used) RRv calculations see attached Green Technology RRv Calculation Sheets*

ENGINEERING PROPERTIES Achieving Successful Results with Innovative Designs	RUNOFF REDUCTION VOLUME (RRv) CALCULATION SHEET				
	WO. NO. **944.01**	DATE **MAR '11**	REVISED	SHEET **2**	OF **3**
PROJECT TITLE **Mountainside Woods**	LOCATION **Town of Lloyd**				
CALCULATED BY **JS** / APPROVED BY **JS**	Stormwater Management Practice Facility Designation **POND I**				

TREE PLANTING / TREE BOX

Requirement Checks	Yes	No	Notes:
Preservation of Existing Trees	☐	☑	
Inventory of Existing Trees	☐	☑	
Indentified trees to be preserved	☐	☑	
Plan for protection of trees during and post construction	☑	☐	
Species chosen from approved list (Appendix H)	☑	☐	
Existing tree canopy within 20' vertically from ground level	☑	☐	
Existing tree caliper of 4" minimum	☑	☐	
Average slope of contributing area < 3% (If NO, flow spreader must be utilized)	☑	☐	
Planting of New Trees			
Species chosen from approved list (Appendix H)	☑	☐	
Trees planted within 10' vertically of connected impervious runoff areas	☑	☐	
New deciduous trees have a minimum of a 2" caliper and new evergreens trees have a 6' minimum height	☑	☐	
Contributing drainage area and area under canopy has a slope ≤ 5%	☑	☐	

90% Rainfall Event # (**P**)	Total Drainage Area (**A**)	Area of Tree Plantings	Area Contributory to Tree Plantings	Area of Impervious Contributory to Tree Plantings
1.10	12.52	1.55	4.10	2.01

ENGINEERING PROPERTIES Achieving Successful Results with Innovative Designs	RUNOFF REDUCTION VOLUME (RRv) CALCULATION SHEET				
	WO. NO. **944.01**	DATE **MAR '11**	REVISED	SHEET **3**	OF **3**
PROJECT TITLE **Mountainside Woods**	LOCATION **Town of Lloyd**				
CALCULATED BY **JS** / APPROVED BY **JS**	Stormwater Management Practice Facility Designation **POND I**				

ROOF/IMPERVIOUS DISCONNECT

Requirement Checks	Yes	No	Notes:
Disconnect receiving soil permeable	☑	☐	*Soil Group A or B, or Evaluated by Licensed Eng.*
Runoff from designated hotspot	☐	☑	
Maximum contributing flow path ≤ 75'	☑	☐	
Downspouts have 10' separation to any impervious area	☑	☐	
Rooftop area less than 500 SF if NO, flow dispersion required (max 2,000 SF)	☑	☐	
Length of vegetated swale, filter strip, and/or infiltration area shall be longer than contributing impervious area length	☑	☐	
Entire vegetative filter/infiltration area has average slope < 5%	☑	☐	
Area of Impervious to have disconnect	0.55		

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

WATER QUALITY VOLUME (WQ_v) CALCULATION SHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	MAR '11		1	2

PROJECT TITLE	LOCATION
Mountainside Woods	**Town of Lloyd**

CALCULATED BY	APPROVED BY	Stormwater Management Practice Facility Designation
JS	**JS**	**POND J**

$WQ_v = (P * R_v * A) / (12)$

must use min value of 0.2 for Rv

Drainage Area	90% Rainfall Event # (**P**)	Total Drainage Area (**A**)	Total Impervious Area (**I**)	**R_v** (0.05 + 0.009*I%)	**WQ_v** Required (Ac-ft)	**WQv** Required (ft^3)
PR-J	1.10	2.16	1.36	0.617	0.122	5,314.32

HSG	Area (Ac.)	%	S	Minimum RRv = (P * 0.95 * S * I) / (12)		
A	0.00	0%	0.55	**P =**	1.10	
B	0.00	0%	0.40	**S =**	0.26	
C	1.36	63%	0.30	**I =**	1.36	
D	0.80	37%	0.20	**RRv_{MIN}**	**0.031**	Ac-ft

Green Technology	**Implemented ?** Yes	No	Drainage Area Reduction	Contributing Drainage Area Reduction	Total Drainage Area Reduction	Total Impervious Area Reduction
Area Reduction Practices						
Conservation of Natural Areas	☐	☑				
Sheet Flow to Riparian Buffers or Filter Strips	☐	☑				
Tree Planting / Tree Box	☑	☐	0.32	0.84	1.160	0.480
		Subtotals			1.160	0.480
Revised WQ_v after Area Deductions	**P**	**A**	**I**	**Rv**	**WQ_v**	**$RR_{v\ AREA}$**
	1.1	1.00	0.88	0.842	0.077	**0.045**
Disconnection of Rooftop Runoff	Impervious Area Reduction:			0.000		
Revised WQ_v after Impervious Disconnect	**P**	**A**	**I**	**Rv**	**WQ_v**	**$RR_{v\ IMP}$**
	1.1	1.00	0.88	0.842	0.077	**0.000**
Source Control WQ_v Treatment Practices	**Yes**	**No**	**WQ_v**	**$RR_{v\ SC}$***	**(A)**	**(I)**
Vegetated Open Swales	☐	☑				
Rain Garden	☐	☑				
Green Roof	☐	☑				
Stormwater Planters	☐	☑				
Rain Tanks / Cisterns	☐	☑				
Porous Pavement	☐	☑				
Standard SMP's with RRv Capacity						
Infiltration	☐	☑				
Bio-Retention	☐	☑				
Dry Swale (Open Channel)	☐	☑				
		Subtotals	0.00	**0.000**	0.00	0.00
Is The Total **RR_v ($RR_{v\ AREA}$ + $RR_{v\ IMP}$ + $RR_{v\ SC}$)**	**0.045**	**≥ $RR_{v\ MIN}$?**		**0.031**	**YES**	
WQ_v Required by Standard Practices	**P**	**A**	**I**	**R_v**	**WQ_v (Ac-ft)**	**WQ_v (ft^3)**
	1.10	1.00	0.88	0.842	0.077	3,362.106

** For Source Control (if used) RRv calculations see attached Green Technology RRv Calculation Sheets*

ENGINEERING PROPERTIES Achieving Successful Results with Innovative Designs	RUNOFF REDUCTION VOLUME (RRv) CALCULATION SHEET				
	WO. NO. **944.01**	DATE **MAR '11**	REVISED	SHEET **2**	OF **2**
PROJECT TITLE **Mountainside Woods**	LOCATION **Town of Lloyd**				
CALCULATED BY **JS** / APPROVED BY **JS**	Stormwater Management Practice Facility Designation **POND J**				

TREE PLANTING / TREE BOX

Requirement Checks	Yes	No	Notes:
Preservation of Existing Trees	☐	☑	
Inventory of Existing Trees	☐	☑	
Indentified trees to be preserved	☐	☑	
Plan for protection of trees during and post construction	☑	☐	
Species chosen from approved list (Appendix H)	☑	☐	
Existing tree canopy within 20' vertically from ground level	☑	☐	
Existing tree caliper of 4" minimum	☑	☐	
Average slope of contributing area < 3% (If NO, flow spreader must be utilized)	☑	☐	
Planting of New Trees			
Species chosen from approved list (Appendix H)	☑	☐	
Trees planted within 10' vertically of connected impervious runoff areas	☑	☐	
New deciduous trees have a minimum of a 2" caliper and new evergreens trees have a 6' minimum height	☑	☐	
Contributing drainage area and area under canopy has a slope ≤ 5%	☑	☐	

90% Rainfall Event # (**P**)	Total Drainage Area (**A**)	Area of Tree Plantings	Area Contributory to Tree Plantings	Area of Impervious Contributory to Tree Plantings
1.10	2.16	0.32	0.84	0.48

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

WATER QUALITY VOLUME (WQ_v) CALCULATION SHEET

WO. NO.	DATE	REVISED	SHEET	OF
944.01	MAR '11		1	4

PROJECT TITLE	LOCATION
Mountainside Woods	**Town of Lloyd**

CALCULATED BY	APPROVED BY	Stormwater Management Practice Facility Designation
JS	**JS**	**POND K**

$WQ_v = (P * R_v * A) / (12)$

must use min value of 0.2 for Rv

Drainage Area	90% Rainfall Event # (**P**)	Total Drainage Area (**A**)	Total Impervious Area (**I**)	**R_v** (0.05 + 0.009*I%)	**WQ_v** Required (Ac-ft)	**WQv** Required (ft^3)
PR-K	1.10	3.18	1.07	0.353	0.103	4,486.68

HSG	Area (Ac.)	%	S
A	0.00	0%	0.55
B	0.00	0%	0.40
C	2.30	72%	0.30
D	0.88	28%	0.20

Minimum RRv = (P * 0.95 * S * I) / (12)

P =	1.10	
S =	0.27	
I =	1.07	
RRv_{MIN}	**0.025**	Ac-ft

Green Technology	**Implemented ? Yes**	**No**	Drainage Area Reduction	Contributing Drainage Area Reduction	Total Drainage Area Reduction	Total Impervious Area Reduction
Area Reduction Practices						
Conservation of Natural Areas	☑	☐	1.010	0.000	1.010	0.000
Sheet Flow to Riparian Buffers or Filter Strips	☐	☑				
Tree Planting / Tree Box	☑	☐	0.17	0.65	0.820	0.360
		Subtotals	1.18	0.65	1.830	0.360
Revised WQ_v after Area Deductions	**P**	**A**	**I**	**Rv**	**WQ_v**	**$RR_{v\ AREA}$**
	1.1	1.35	0.71	0.523	0.065	**0.038**
Disconnection of Rooftop Runoff	Impervious Area Reduction:			0.120		
Revised WQ_v after Impervious Disconnect	**P**	**A**	**I**	**Rv**	**WQ_v**	**$RR_{v\ IMP}$**
	1.1	1.35	0.59	0.443	0.055	**0.010**
Source Control WQ_v Treatment Practices	**Yes**	**No**	**WQ_v**	**$RR_{v\ SC}$***	**(A)**	**(I)**
Vegetated Open Swales	☐	☑				
Rain Garden	☐	☑				
Green Roof	☐	☑				
Stormwater Planters	☐	☑				
Rain Tanks / Cisterns	☐	☑				
Porous Pavement	☐	☑				
Standard SMP's with RRv Capacity						
Infiltration	☐	☑				
Bio-Retention	☐	☑				
Dry Swale (Open Channel)	☐	☑				
		Subtotals	0.00	**0.000**	0.00	0.00
Is The Total **RR_v ($RR_{v\ AREA}$ + $RR_{v\ IMP}$ + $RR_{v\ SC}$)**	**0.048**	**≥ $RR_{v\ MIN}$?**		**0.025**	**YES**	
WQ_v Required by Standard Practices	**P**	**A**	**I**	**R_v**	**WQ_v (Ac-ft)**	**WQ_v (ft^3)**
	1.10	1.35	0.59	0.443	0.055	2,389.811

** For Source Control (if used) RRv calculations see attached Green Technology RRv Calculation Sheets*

ENGINEERING PROPERTIES Achieving Successful Results with Innovative Designs	RUNOFF REDUCTION VOLUME (RRv) CALCULATION SHEET				
	WO. NO. **944.01**	DATE **MAR '11**	REVISED	SHEET **2**	OF **4**
PROJECT TITLE **Mountainside Woods**	LOCATION **Town of Lloyd**				
CALCULATED BY **JS** / APPROVED BY **JS**	Stormwater Management Practice Facility Designation **POND K**				

CONSERVATION OF NATURAL AREAS

Requirement Checks	Yes	No	Notes:
Conservation Area have a minimum contiguous area > 10,000 ft^2	☑	☐	
Limits of clearance shown on plans with a planned method for protection during construction	☑	☐	
Conservation easement, dedication to municipality or land trust	☑	☐	
Does Conservation area receive runoff from other areas of development? (if Yes, Sheetflow to Riparian Buffers design must be used)	☐	☑	

90% Rainfall Event # (**P**)	Total Drainage Area (**A**)	Area to be Protected as Natural Conservation Area	Area Contributory to Natural Conservation Area	Area of Impervious Contributory to Natural Conservation Area
1.10	3.18	1.01	0.00	0.00

ENGINEERING PROPERTIES Achieving Successful Results with Innovative Designs	RUNOFF REDUCTION VOLUME (RRv) CALCULATION SHEET				
	WO. NO. **944.01**	DATE **MAR '11**	REVISED	SHEET **3**	OF **4**
PROJECT TITLE **Mountainside Woods**	LOCATION **Town of Lloyd**				
CALCULATED BY **JS** / APPROVED BY **JS**	Stormwater Management Practice Facility Designation **POND K**				

TREE PLANTING / TREE BOX

Requirement Checks	Yes	No	Notes:
Preservation of Existing Trees	☐	☑	
Inventory of Existing Trees	☐	☑	
Indentified trees to be preserved	☐	☑	
Plan for protection of trees during and post construction	☑	☐	
Species chosen from approved list (Appendix H)	☑	☐	
Existing tree canopy within 20' vertically from ground level	☑	☐	
Existing tree caliper of 4" minimum	☑	☐	
Average slope of contributing area < 3% (If NO, flow spreader must be utilized)	☑	☐	
Planting of New Trees			
Species chosen from approved list (Appendix H)	☑	☐	
Trees planted within 10' vertically of connected impervious runoff areas	☑	☐	
New deciduous trees have a minimum of a 2" caliper and new evergreens trees have a 6' minimum height	☑	☐	
Contributing drainage area and area under canopy has a slope ≤ 5%	☑	☐	

90% Rainfall Event # (**P**)	Total Drainage Area (**A**)	Area of Tree Plantings	Area Contributory to Tree Plantings	Area of Impervious Contributory to Tree Plantings
1.10	3.18	0.17	0.65	0.36

ENGINEERING PROPERTIES Achieving Successful Results with Innovative Designs	RUNOFF REDUCTION VOLUME (RRv) CALCULATION SHEET				
	WO. NO. **944.01**	DATE **MAR '11**	REVISED	SHEET **4**	OF **4**
PROJECT TITLE **Mountainside Woods**	LOCATION **Town of Lloyd**				
CALCULATED BY **JS** / APPROVED BY **JS**	Stormwater Management Practice Facility Designation **POND K**				

ROOF/IMPERVIOUS DISCONNECT

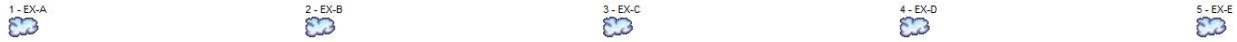
Requirement Checks	Yes	No	Notes:
Disconnect receiving soil permeable	☑	☐	*Soil Group A or B, or Evaluated by Licensed Eng.*
Runoff from designated hotspot	☐	☑	
Maximum contributing flow path ≤ 75'	☑	☐	
Downspouts have 10' separation to any impervious area	☑	☐	
Rooftop area less than 500 SF if NO, flow dispersion required (max 2,000 SF)	☑	☐	
Length of vegetated swale, filter strip, and/or infiltration area shall be longer than contributing impervious area length	☑	☐	
Entire vegetative filter/infiltration area has average slope < 5%	☑	☐	
Area of Impervious to have disconnect	0.12		

APPENDIX 5

HYDROGRAPH SUMMARIES AND DIAGRAMS

Watershed Model Schematic

Hydraflow Hydrographs by Intelisolve v9.02



Legend

Hyd.	Origin	Description
1	SCS Runoff	EX-A
2	SCS Runoff	EX-B
3	SCS Runoff	EX-C
4	SCS Runoff	EX-D
5	SCS Runoff	EX-E

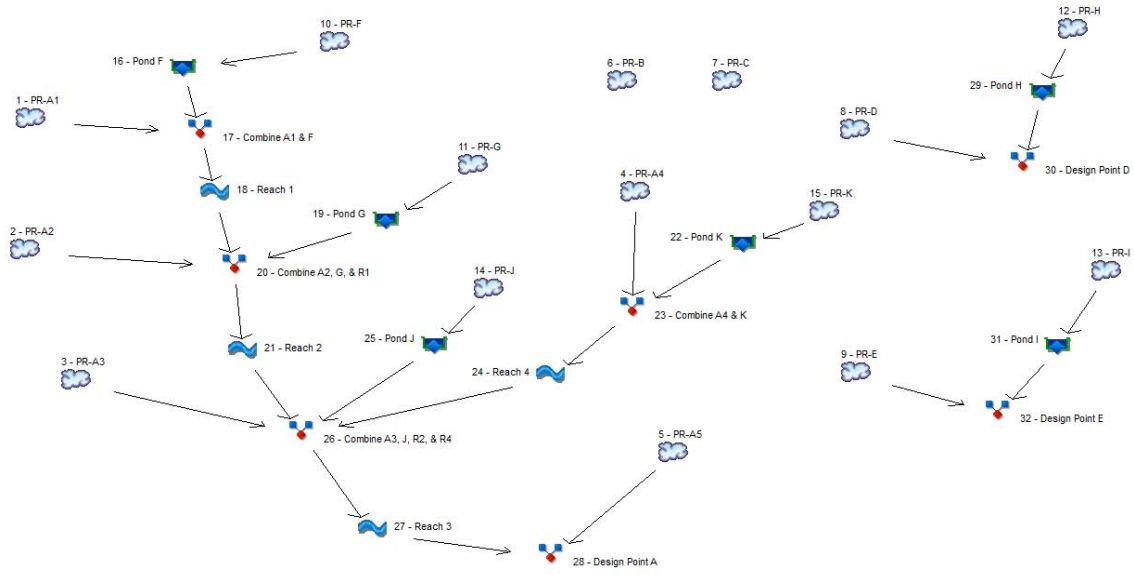
Hydrograph Return Period Recap

Hydraflow Hydrographs by Intelisolve v9.02

Hyd. No.	Hydrograph type (origin)	Inflow Hyd(s)	Peak Outflow (cfs)								Hydrograph description
			1-Yr	2-Yr	3-Yr	5-Yr	10-Yr	25-Yr	50-Yr	100-Yr	
1	SCS Runoff	-------	78.29	-------	-------	-------	265.19	-------	-------	477.75	EX-A
2	SCS Runoff	-------	0.000	-------	-------	-------	0.108	-------	-------	1.381	EX-B
3	SCS Runoff	-------	7.125	-------	-------	-------	24.00	-------	-------	43.35	EX-C
4	SCS Runoff	-------	9.445	-------	-------	-------	26.31	-------	-------	44.35	EX-D
5	SCS Runoff	-------	10.89	-------	-------	-------	36.88	-------	-------	66.44	EX-E

Watershed Model Schematic

Hydraflow Hydrographs by Intelisolve v9.02



Legend

Hyd.	Origin	Description
1	SCS Runoff	PR-A1
2	SCS Runoff	PR-A2
3	SCS Runoff	PR-A3
4	SCS Runoff	PR-A4
5	SCS Runoff	PR-A5
6	SCS Runoff	PR-B
7	SCS Runoff	PR-C
8	SCS Runoff	PR-D
9	SCS Runoff	PR-E
10	SCS Runoff	PR-F
11	SCS Runoff	PR-G
12	SCS Runoff	PR-H
13	SCS Runoff	PR-I
14	SCS Runoff	PR-J
15	SCS Runoff	PR-K
16	Reservoir	Pond F
17	Combine	Combine A1 & F
18	Reach	Reach 1
19	Reservoir	Pond G
20	Combine	Combine A2, G, & R1
21	Reach	Reach 2
22	Reservoir	Pond K
23	Combine	Combine A4 & K
24	Reach	Reach 4
25	Reservoir	Pond J
26	Combine	Combine A3, J, R2, & R4
27	Reach	Reach 3
28	Combine	Design Point A
29	Reservoir	Pond H
30	Combine	Design Point D
31	Reservoir	Pond I
32	Combine	Design Point E

Hydrograph Return Period Recap

Hydraflow Hydrographs by Intelisolve v9.02

Hyd. No.	Hydrograph type (origin)	Inflow Hyd(s)	Peak Outflow (cfs)								Hydrograph description
			1-Yr	2-Yr	3-Yr	5-Yr	10-Yr	25-Yr	50-Yr	100-Yr	
1	SCS Runoff	-------	12.14	-------	-------	-------	39.44	-------	-------	70.37	PR-A1
2	SCS Runoff	-------	11.05	-------	-------	-------	35.90	-------	-------	64.04	PR-A2
3	SCS Runoff	-------	12.53	-------	-------	-------	39.52	-------	-------	69.46	PR-A3
4	SCS Runoff	-------	24.20	-------	-------	-------	82.09	-------	-------	147.53	PR-A4
5	SCS Runoff	-------	25.25	-------	-------	-------	79.38	-------	-------	139.93	PR-A5
6	SCS Runoff	-------	0.000	-------	-------	-------	0.067	-------	-------	0.644	PR-B
7	SCS Runoff	-------	4.037	-------	-------	-------	11.98	-------	-------	20.60	PR-C
8	SCS Runoff	-------	3.943	-------	-------	-------	8.562	-------	-------	13.13	PR-D
9	SCS Runoff	-------	7.667	-------	-------	-------	24.22	-------	-------	42.59	PR-E
10	SCS Runoff	-------	1.535	-------	-------	-------	7.348	-------	-------	14.61	PR-F
11	SCS Runoff	-------	5.950	-------	-------	-------	14.52	-------	-------	23.25	PR-G
12	SCS Runoff	-------	14.52	-------	-------	-------	34.71	-------	-------	55.15	PR-H
13	SCS Runoff	-------	19.39	-------	-------	-------	46.35	-------	-------	73.64	PR-I
14	SCS Runoff	-------	4.326	-------	-------	-------	9.021	-------	-------	13.64	PR-J
15	SCS Runoff	-------	4.234	-------	-------	-------	10.93	-------	-------	17.86	PR-K
16	Reservoir	10	0.154	-------	-------	-------	0.922	-------	-------	2.232	Pond F
17	Combine	1, 16	12.15	-------	-------	-------	40.05	-------	-------	71.47	Combine A1 & F
18	Reach	17	11.73	-------	-------	-------	39.56	-------	-------	70.64	Reach 1
19	Reservoir	11	0.102	-------	-------	-------	3.659	-------	-------	11.22	Pond G
20	Combine	2, 18, 19	22.36	-------	-------	-------	75.86	-------	-------	142.43	Combine A2, G, & R1
21	Reach	20	20.80	-------	-------	-------	73.01	-------	-------	138.71	Reach 2
22	Reservoir	15	3.332	-------	-------	-------	10.84	-------	-------	17.70	Pond K
23	Combine	4, 22	27.53	-------	-------	-------	91.97	-------	-------	164.49	Combine A4 & K
24	Reach	23	27.49	-------	-------	-------	92.21	-------	-------	165.04	Reach 4
25	Reservoir	14	4.171	-------	-------	-------	8.830	-------	-------	13.41	Pond J
26	Combine	3, 21, 24, 25	63.44	-------	-------	-------	210.25	-------	-------	382.10	Combine A3, J, R2, & R4
27	Reach	26	60.60	-------	-------	-------	205.29	-------	-------	376.27	Reach 3
28	Combine	5, 27	76.52	-------	-------	-------	261.01	-------	-------	477.89	Design Point A
29	Reservoir	12	0.355	-------	-------	-------	16.39	-------	-------	33.59	Pond H
30	Combine	8, 29	4.122	-------	-------	-------	19.12	-------	-------	41.65	Design Point D
31	Reservoir	13	0.286	-------	-------	-------	0.497	-------	-------	1.199	Pond I
32	Combine	9, 31	7.754	-------	-------	-------	24.56	-------	-------	43.06	Design Point E

APPENDIX 6

1-YEAR DESIGN STORM HYDROGRAPHS

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 1

EX-A

Hydrograph type	=	SCS Runoff	Peak discharge	=	78.29 cfs
Storm frequency	=	1 yrs	Time to peak	=	738 min
Time interval	=	2 min	Hyd. volume	=	403,189 cuft
Drainage area	=	127.280 ac	Curve number	=	73
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	21.6 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (min cfs)	
726	46.46
728	54.81
730	62.88
732	69.91
734	74.92
736	77.55
738	78.29 <<
740	77.80
742	76.46
744	74.30
746	71.36
748	67.66
750	63.27
752	58.29
754	52.95
756	47.64
758	42.78

...End

Hydrograph Report

Hyd. No. 2

EX-B

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.000 cfs
Storm frequency	=	1 yrs	Time to peak	=	n/a
Time interval	=	2 min	Hyd. volume	=	0 cuft
Drainage area	=	2.440 ac	Curve number	=	37
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	13.2 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 3

EX-C

Hydrograph type	=	SCS Runoff	Peak discharge	=	7.125 cfs
Storm frequency	=	1 yrs	Time to peak	=	732 min
Time interval	=	2 min	Hyd. volume	=	31,466 cuft
Drainage area	=	10.370 ac	Curve number	=	73
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	13.8 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (min cfs)	
722	3.624
724	4.598
726	5.583
728	6.419
730	6.952
732	7.125 <<
734	7.024
736	6.761
738	6.404
740	5.961
742	5.456
744	4.940
746	4.473
748	4.080
750	3.731

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 4

EX-D

Hydrograph type	=	SCS Runoff	Peak discharge	=	9.445 cfs
Storm frequency	=	1 yrs	Time to peak	=	732 min
Time interval	=	2 min	Hyd. volume	=	39,329 cuft
Drainage area	=	9.350 ac	Curve number	=	79
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	16.2 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (min cfs)	
722	5.442
724	6.662
726	7.861
728	8.828
730	9.373
732	9.445 <<
734	9.172
736	8.706
738	8.134
740	7.470
742	6.750
744	6.040
746	5.417
748	4.906

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 5

EX-E

Hydrograph type	=	SCS Runoff	Peak discharge	=	10.89 cfs
Storm frequency	=	1 yrs	Time to peak	=	738 min
Time interval	=	2 min	Hyd. volume	=	56,069 cuft
Drainage area	=	17.700 ac	Curve number	=	73
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	23.4 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (min cfs)	
726	6.460
728	7.621
730	8.744
732	9.722
734	10.42
736	10.78
738	10.89 <<
740	10.82
742	10.63
744	10.33
746	9.923
748	9.409
750	8.799
752	8.106
754	7.364
756	6.624
758	5.949

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 1

PR-A1

Hydrograph type	=	SCS Runoff	Peak discharge	=	12.14 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.20 hrs
Time interval	=	2 min	Hyd. volume	=	52,878 cuft
Drainage area	=	16.450 ac	Curve number	=	74
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	13.8 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.03	6.342
12.07	7.983
12.10	9.633
12.13	11.02
12.17	11.89
12.20	12.14 <<
12.23	11.93
12.27	11.45
12.30	10.82
12.33	10.04
12.37	9.171
12.40	8.285
12.43	7.488
12.47	6.821
12.50	6.232

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 2

PR-A2

Hydrograph type	=	SCS Runoff	Peak discharge	=	11.05 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.20 hrs
Time interval	=	2 min	Hyd. volume	=	48,121 cuft
Drainage area	=	14.970 ac	Curve number	=	74
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	15.6 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.03	5.771
12.07	7.264
12.10	8.766
12.13	10.03
12.17	10.82
12.20	11.05 <<
12.23	10.86
12.27	10.42
12.30	9.846
12.33	9.140
12.37	8.346
12.40	7.540
12.43	6.815
12.47	6.207
12.50	5.671

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 3

PR-A3

Hydrograph type	=	SCS Runoff	Peak discharge	=	12.53 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.23 hrs
Time interval	=	2 min	Hyd. volume	=	58,662 cuft
Drainage area	=	16.820 ac	Curve number	=	75
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	18.6 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.07	7.340
12.10	8.819
12.13	10.24
12.17	11.44
12.20	12.23
12.23	12.53 <<
12.27	12.48
12.30	12.19
12.33	11.77
12.37	11.21
12.40	10.53
12.43	9.734
12.47	8.863
12.50	7.977
12.53	7.159
12.57	6.453

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 4

PR-A4

Hydrograph type	=	SCS Runoff	Peak discharge	=	24.20 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.27 hrs
Time interval	=	2 min	Hyd. volume	=	116,395 cuft
Drainage area	=	37.400 ac	Curve number	=	73
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	18.6 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)	
12.07	13.54
12.10	16.47
12.13	19.32
12.17	21.77
12.20	23.44
12.23	24.18
12.27	24.20 <<
12.30	23.77
12.33	23.05
12.37	22.06
12.40	20.80
12.43	19.32
12.47	17.66
12.50	15.95
12.53	14.36
12.57	12.97

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 5

PR-A5

Hydrograph type	=	SCS Runoff	Peak discharge	=	25.25 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.17 hrs
Time interval	=	2 min	Hyd. volume	=	102,432 cuft
Drainage area	=	28.480 ac	Curve number	=	75
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	10.8 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.03	15.34
12.07	19.31
12.10	22.77
12.13	24.83
12.17	25.25 <<
12.20	24.48
12.23	23.04
12.27	21.28
12.30	19.29
12.33	17.31
12.37	15.59
12.40	14.24
12.43	13.12

...End

Hydrograph Report

Hyd. No. 6

PR-B

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.000 cfs
Storm frequency	=	1 yrs	Time to peak	=	n/a
Time interval	=	2 min	Hyd. volume	=	0 cuft
Drainage area	=	0.980 ac	Curve number	=	38
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	13.2 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 7

PR-C

Hydrograph type	=	SCS Runoff	Peak discharge	=	4.037 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.10 hrs
Time interval	=	2 min	Hyd. volume	=	14,385 cuft
Drainage area	=	3.700 ac	Curve number	=	77
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	9.6 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.00	2.246
12.03	2.976
12.07	3.663
12.10	4.037 <<
12.13	4.000
12.17	3.673
12.20	3.228
12.23	2.798
12.27	2.456
12.30	2.226
12.33	2.066

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 8

PR-D

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.943 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.10 hrs
Time interval	=	2 min	Hyd. volume	=	13,517 cuft
Drainage area	=	1.960 ac	Curve number	=	89
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	8.4 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)	
12.00	2.472
12.03	3.127
12.07	3.698
12.10	3.943 <<
12.13	3.799
12.17	3.400
12.20	2.913
12.23	2.464
12.27	2.120

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 9

PR-E

Hydrograph type	=	SCS Runoff	Peak discharge	=	7.667 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.30 hrs
Time interval	=	2 min	Hyd. volume	=	38,517 cuft
Drainage area	=	10.850 ac	Curve number	=	75
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	23.4 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.07	3.974
12.10	4.762
12.13	5.557
12.17	6.318
12.20	6.969
12.23	7.418
12.27	7.634
12.30	7.667 <<
12.33	7.583
12.37	7.420
12.40	7.180
12.43	6.868
12.47	6.488
12.50	6.045
12.53	5.549
12.57	5.024
12.60	4.506
12.63	4.036

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 10

PR-F

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.535 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.13 hrs
Time interval	=	2 min	Hyd. volume	=	6,803 cuft
Drainage area	=	3.440 ac	Curve number	=	66
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	8.4 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)	
12.03	0.879
12.07	1.213
12.10	1.453
12.13	1.535 <<
12.17	1.489
12.20	1.376
12.23	1.248
12.27	1.135
12.30	1.055
12.33	0.999
12.37	0.945
12.40	0.885
12.43	0.817

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 11

PR-G

Hydrograph type	=	SCS Runoff	Peak discharge	=	5.950 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.10 hrs
Time interval	=	2 min	Hyd. volume	=	20,365 cuft
Drainage area	=	3.700 ac	Curve number	=	84
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	9.0 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.00	3.577
12.03	4.597
12.07	5.514
12.10	5.950 <<
12.13	5.791
12.17	5.232
12.20	4.525
12.23	3.863
12.27	3.348
12.30	3.006

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 12

PR-H

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.52 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.17 hrs
Time interval	=	2 min	Hyd. volume	=	59,191 cuft
Drainage area	=	10.530 ac	Curve number	=	85
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	16.2 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)	
12.00	7.439
12.03	9.024
12.07	10.81
12.10	12.53
12.13	13.86
12.17	14.52 <<
12.20	14.46
12.23	13.89
12.27	13.05
12.30	12.07
12.33	10.98
12.37	9.820
12.40	8.708
12.43	7.752

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 13

PR-I

Hydrograph type	=	SCS Runoff	Peak discharge	=	19.39 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.13 hrs
Time interval	=	2 min	Hyd. volume	=	74,437 cuft
Drainage area	=	12.520 ac	Curve number	=	85
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	10.8 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)	
12.00	10.70
12.03	13.28
12.07	16.04
12.10	18.28
12.13	19.39 <<
12.17	19.26
12.20	18.28
12.23	16.87
12.27	15.26
12.30	13.56
12.33	11.94
12.37	10.60

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 14

PR-J

Hydrograph type	=	SCS Runoff	Peak discharge	=	4.326 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.13 hrs
Time interval	=	2 min	Hyd. volume	=	16,747 cuft
Drainage area	=	2.160 ac	Curve number	=	91
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	12.6 min
Total precip.	=	3.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.00	2.536
12.03	3.090
12.07	3.672
12.10	4.129
12.13	4.326 <<
12.17	4.253
12.20	3.999
12.23	3.656
12.27	3.277
12.30	2.885
12.33	2.518
12.37	2.219

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 15

PR-K

Hydrograph type	= SCS Runoff	Peak discharge	= 4.234 cfs
Storm frequency	= 1 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 16,416 cuft
Drainage area	= 3.180 ac	Curve number	= 82
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= USER	Time of conc. (Tc)	= 12.6 min
Total precip.	= 3.00 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.00	2.254
12.03	2.829
12.07	3.450
12.10	3.966
12.13	4.234 <<
12.17	4.231
12.20	4.037
12.23	3.744
12.27	3.405
12.30	3.042
12.33	2.692
12.37	2.399
12.40	2.173

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 16

Pond F

Hydrograph type	= Reservoir	Peak discharge	= 0.154 cfs
Storm frequency	= 1 yrs	Time to peak	= 15.20 hrs
Time interval	= 2 min	Hyd. volume	= 6,252 cuft
Inflow hyd. No.	= 10 - PR-F	Reservoir name	= Pond F
Max. Elevation	= 374.98 ft	Max. Storage	= 27,398 cuft

Storage Indication method used. Wet pond routing start elevation = 374.60 ft.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.73	0.362	374.89	0.084	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
12.77	0.355	374.89	0.087	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
12.80	0.346	374.90	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
12.83	0.338	374.90	0.093	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
12.87	0.330	374.90	0.096	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
12.90	0.321	374.91	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
12.93	0.312	374.91	0.102	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
12.97	0.303	374.91	0.104	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
13.00	0.293	374.92	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
13.03	0.284	374.92	0.109	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
13.07	0.276	374.92	0.111	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
13.10	0.269	374.92	0.113	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
13.13	0.264	374.93	0.115	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
13.17	0.261	374.93	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
13.20	0.258	374.93	0.119	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
13.23	0.256	374.93	0.120	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
13.27	0.254	374.93	0.122	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
13.30	0.252	374.94	0.124	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
13.33	0.250	374.94	0.125	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
13.37	0.248	374.94	0.127	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
13.40	0.246	374.94	0.128	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
13.43	0.244	374.94	0.130	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
13.47	0.242	374.95	0.131	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
13.50	0.240	374.95	0.133	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
13.53	0.237	374.95	0.134	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
13.57	0.235	374.95	0.135	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
13.60	0.233	374.95	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
13.63	0.231	374.95	0.138	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
13.67	0.228	374.95	0.139	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
13.70	0.226	374.96	0.140	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
13.73	0.224	374.96	0.141	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
13.77	0.221	374.96	0.142	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
13.80	0.219	374.96	0.143	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
13.83	0.216	374.96	0.144	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
13.87	0.214	374.96	0.145	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
13.90	0.211	374.96	0.146	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
13.93	0.209	374.96	0.147	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
13.97	0.206	374.96	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
14.00	0.203	374.97	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
14.03	0.201	374.97	0.149	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
14.07	0.198	374.97	0.150	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
14.10	0.196	374.97	0.150	0.144	-----	-----	-----	-----	-----	-----	-----	0.144

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
14.13	0.195	374.97	0.151	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
14.17	0.193	374.97	0.152	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
14.20	0.192	374.97	0.152	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
14.23	0.191	374.97	0.153	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
14.27	0.190	374.97	0.153	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
14.30	0.189	374.97	0.154	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
14.33	0.187	374.97	0.154	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
14.37	0.186	374.97	0.155	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
14.40	0.185	374.97	0.155	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
14.43	0.184	374.97	0.156	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
14.47	0.183	374.97	0.156	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
14.50	0.182	374.98	0.156	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
14.53	0.180	374.98	0.157	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
14.57	0.179	374.98	0.157	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
14.60	0.178	374.98	0.158	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
14.63	0.177	374.98	0.158	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
14.67	0.176	374.98	0.158	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
14.70	0.174	374.98	0.158	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
14.73	0.173	374.98	0.159	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
14.77	0.172	374.98	0.159	0.153	-----	-----	-----	-----	-----	-----	-----	0.152
14.80	0.171	374.98	0.159	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
14.83	0.169	374.98	0.159	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
14.87	0.168	374.98	0.160	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
14.90	0.167	374.98	0.160	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
14.93	0.165	374.98	0.160	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
14.97	0.164	374.98	0.160	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
15.00	0.163	374.98	0.160	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
15.03	0.161	374.98	0.160	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
15.07	0.160	374.98	0.160	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
15.10	0.159	374.98	0.160	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
15.13	0.157	374.98	0.160	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
15.17	0.156	374.98	0.160	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
15.20	0.155	374.98 <<	0.161	0.154	-----	-----	-----	-----	-----	-----	-----	0.154 <<
15.23	0.153	374.98	0.161	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
15.27	0.152	374.98	0.160	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
15.30	0.150	374.98	0.160	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
15.33	0.149	374.98	0.160	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
15.37	0.148	374.98	0.160	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
15.40	0.146	374.98	0.160	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
15.43	0.145	374.98	0.160	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
15.47	0.143	374.98	0.160	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
15.50	0.142	374.98	0.160	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
15.53	0.140	374.98	0.160	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
15.57	0.139	374.98	0.160	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
15.60	0.137	374.98	0.159	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
15.63	0.136	374.98	0.159	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
15.67	0.134	374.98	0.159	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
15.70	0.133	374.98	0.159	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
15.73	0.131	374.98	0.159	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
15.77	0.130	374.98	0.158	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
15.80	0.128	374.98	0.158	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
15.83	0.127	374.98	0.158	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
15.87	0.125	374.98	0.157	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
15.90	0.124	374.98	0.157	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
15.93	0.122	374.98	0.157	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
15.97	0.121	374.97	0.156	0.150	-----	-----	-----	-----	-----	-----	-----	0.150

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
16.00	0.119	374.97	0.156	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
16.03	0.118	374.97	0.156	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
16.07	0.116	374.97	0.155	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
16.10	0.115	374.97	0.155	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
16.13	0.114	374.97	0.154	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
16.17	0.113	374.97	0.154	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
16.20	0.113	374.97	0.154	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
16.23	0.112	374.97	0.153	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
16.27	0.111	374.97	0.153	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
16.30	0.111	374.97	0.152	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
16.33	0.110	374.97	0.152	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
16.37	0.109	374.97	0.151	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
16.40	0.109	374.97	0.151	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
16.43	0.108	374.97	0.151	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
16.47	0.108	374.97	0.150	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
16.50	0.107	374.97	0.150	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
16.53	0.106	374.97	0.149	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
16.57	0.106	374.97	0.149	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
16.60	0.105	374.97	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
16.63	0.104	374.96	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
16.67	0.104	374.96	0.147	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
16.70	0.103	374.96	0.147	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
16.73	0.102	374.96	0.147	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
16.77	0.102	374.96	0.146	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
16.80	0.101	374.96	0.146	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
16.83	0.100	374.96	0.145	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
16.87	0.100	374.96	0.145	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
16.90	0.099	374.96	0.144	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
16.93	0.098	374.96	0.144	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
16.97	0.098	374.96	0.143	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
17.00	0.097	374.96	0.143	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
17.03	0.096	374.96	0.142	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
17.07	0.096	374.96	0.142	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
17.10	0.095	374.96	0.141	0.136	-----	-----	-----	-----	-----	-----	-----	0.135
17.13	0.094	374.96	0.141	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
17.17	0.094	374.96	0.140	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
17.20	0.093	374.96	0.140	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
17.23	0.092	374.95	0.139	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
17.27	0.092	374.95	0.139	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
17.30	0.091	374.95	0.138	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
17.33	0.090	374.95	0.138	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
17.37	0.090	374.95	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
17.40	0.089	374.95	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
17.43	0.088	374.95	0.136	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
17.47	0.087	374.95	0.136	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
17.50	0.087	374.95	0.135	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
17.53	0.086	374.95	0.135	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
17.57	0.085	374.95	0.134	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
17.60	0.085	374.95	0.134	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
17.63	0.084	374.95	0.133	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
17.67	0.083	374.95	0.133	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
17.70	0.083	374.95	0.132	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
17.73	0.082	374.95	0.132	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
17.77	0.081	374.94	0.131	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
17.80	0.080	374.94	0.130	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
17.83	0.080	374.94	0.130	0.125	-----	-----	-----	-----	-----	-----	-----	0.125

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.87	0.079	374.94	0.129	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
17.90	0.078	374.94	0.129	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
17.93	0.078	374.94	0.128	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
17.97	0.077	374.94	0.128	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
18.00	0.076	374.94	0.127	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
18.03	0.075	374.94	0.127	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
18.07	0.075	374.94	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
18.10	0.074	374.94	0.125	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
18.13	0.074	374.94	0.125	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
18.17	0.074	374.94	0.124	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
18.20	0.073	374.94	0.124	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
18.23	0.073	374.94	0.123	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
18.27	0.073	374.94	0.123	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
18.30	0.073	374.93	0.122	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
18.33	0.073	374.93	0.122	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
18.37	0.072	374.93	0.121	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
18.40	0.072	374.93	0.121	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
18.43	0.072	374.93	0.120	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
18.47	0.072	374.93	0.120	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
18.50	0.072	374.93	0.119	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
18.53	0.071	374.93	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
18.57	0.071	374.93	0.118	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
18.60	0.071	374.93	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
18.63	0.071	374.93	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
18.67	0.071	374.93	0.116	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
18.70	0.070	374.93	0.116	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
18.73	0.070	374.93	0.115	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
18.77	0.070	374.93	0.115	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
18.80	0.070	374.93	0.114	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
18.83	0.070	374.92	0.114	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
18.87	0.069	374.92	0.114	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
18.90	0.069	374.92	0.113	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
18.93	0.069	374.92	0.113	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
18.97	0.069	374.92	0.112	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
19.00	0.069	374.92	0.112	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
19.03	0.068	374.92	0.111	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
19.07	0.068	374.92	0.111	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
19.10	0.068	374.92	0.110	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
19.13	0.068	374.92	0.110	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
19.17	0.068	374.92	0.109	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
19.20	0.067	374.92	0.109	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
19.23	0.067	374.92	0.108	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
19.27	0.067	374.92	0.108	0.103	-----	-----	-----	-----	-----	-----	-----	0.104
19.30	0.067	374.92	0.108	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
19.33	0.067	374.92	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
19.37	0.066	374.92	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
19.40	0.066	374.92	0.106	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
19.43	0.066	374.92	0.106	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
19.47	0.066	374.91	0.105	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
19.50	0.066	374.91	0.105	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
19.53	0.065	374.91	0.105	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
19.57	0.065	374.91	0.104	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
19.60	0.065	374.91	0.104	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
19.63	0.065	374.91	0.103	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
19.67	0.065	374.91	0.103	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
19.70	0.064	374.91	0.102	0.098	-----	-----	-----	-----	-----	-----	-----	0.098

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
19.73	0.064	374.91	0.102	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
19.77	0.064	374.91	0.102	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
19.80	0.064	374.91	0.101	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
19.83	0.064	374.91	0.101	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
19.87	0.063	374.91	0.100	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
19.90	0.063	374.91	0.100	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
19.93	0.063	374.91	0.100	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
19.97	0.063	374.91	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
20.00	0.063	374.91	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
20.03	0.062	374.91	0.098	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
20.07	0.062	374.91	0.098	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
20.10	0.062	374.91	0.098	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
20.13	0.062	374.91	0.097	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
20.17	0.061	374.90	0.097	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
20.20	0.061	374.90	0.097	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
20.23	0.061	374.90	0.096	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
20.27	0.061	374.90	0.096	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
20.30	0.061	374.90	0.095	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
20.33	0.060	374.90	0.095	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
20.37	0.060	374.90	0.095	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
20.40	0.060	374.90	0.094	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
20.43	0.060	374.90	0.094	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
20.47	0.060	374.90	0.094	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
20.50	0.059	374.90	0.093	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
20.53	0.059	374.90	0.093	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
20.57	0.059	374.90	0.092	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
20.60	0.059	374.90	0.092	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
20.63	0.058	374.90	0.092	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
20.67	0.058	374.90	0.091	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
20.70	0.058	374.90	0.091	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
20.73	0.058	374.90	0.091	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
20.77	0.058	374.90	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
20.80	0.057	374.90	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
20.83	0.057	374.90	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
20.87	0.057	374.90	0.089	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
20.90	0.057	374.90	0.089	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
20.93	0.057	374.89	0.089	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
20.97	0.056	374.89	0.088	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
21.00	0.056	374.89	0.088	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
21.03	0.056	374.89	0.088	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
21.07	0.056	374.89	0.087	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
21.10	0.055	374.89	0.087	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
21.13	0.055	374.89	0.087	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
21.17	0.055	374.89	0.086	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
21.20	0.055	374.89	0.086	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
21.23	0.055	374.89	0.086	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
21.27	0.054	374.89	0.085	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
21.30	0.054	374.89	0.085	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
21.33	0.054	374.89	0.085	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
21.37	0.054	374.89	0.084	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
21.40	0.053	374.89	0.084	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
21.43	0.053	374.89	0.084	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
21.47	0.053	374.89	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
21.50	0.053	374.89	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
21.53	0.053	374.89	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
21.57	0.052	374.89	0.082	0.079	-----	-----	-----	-----	-----	-----	-----	0.079

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.60	0.052	374.89	0.082	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
21.63	0.052	374.89	0.082	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
21.67	0.052	374.89	0.081	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
21.70	0.051	374.89	0.081	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
21.73	0.051	374.89	0.081	0.077	-----	-----	-----	-----	-----	-----	-----	0.077

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 17

Combine A1 & F

Hydrograph type	= Combine	Peak discharge	= 12.15 cfs
Storm frequency	= 1 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 59,130 cuft
Inflow hyds.	= 1, 16	Contrib. drain. area	= 16.450 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 1 + (cfs)	Hyd. 16 = (cfs)	Outflow (cfs)
12.03	6.342	0.001	6.343
12.07	7.983	0.002	7.984
12.10	9.633	0.002	9.635
12.13	11.02	0.003	11.02
12.17	11.89	0.004	11.89
12.20	12.14 <<	0.005	12.15 <<
12.23	11.93	0.006	11.94
12.27	11.45	0.006	11.46
12.30	10.82	0.007	10.83
12.33	10.04	0.007	10.05
12.37	9.171	0.011	9.183
12.40	8.285	0.022	8.307
12.43	7.488	0.031	7.520
12.47	6.821	0.040	6.861
12.50	6.232	0.048	6.279

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 18

Reach 1

Hydrograph type	= Reach	Peak discharge	= 11.73 cfs
Storm frequency	= 1 yrs	Time to peak	= 12.27 hrs
Time interval	= 2 min	Hyd. volume	= 57,986 cuft
Inflow hyd. No.	= 17 - Combine A1 & F	Section type	= Trapezoidal
Reach length	= 1074.0 ft	Channel slope	= 3.81 %
Manning's n	= 0.025	Bottom width	= 8.00 ft
Side slope	= 2.0:1	Max. depth	= 24.00 ft
Rating curve x	= 2.906	Rating curve m	= 1.412
Ave. velocity	= 4.41 ft/s	Routing coeff.	= 0.5165

Modified Att-Kin routing method used.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Outflow cfs
12.10	9.635	6.681
12.13	11.02	8.207
12.17	11.89	9.662
12.20	12.15 <<	10.81
12.23	11.94	11.50
12.27	11.46	11.73 <<
12.30	10.83	11.59
12.33	10.05	11.20
12.37	9.183	10.60
12.40	8.307	9.870
12.43	7.520	9.063
12.47	6.861	8.266
12.50	6.279	7.540
12.53	5.717	6.889
12.57	5.158	6.284

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 19

Pond G

Hydrograph type	= Reservoir	Peak discharge	= 0.102 cfs
Storm frequency	= 1 yrs	Time to peak	= 22.23 hrs
Time interval	= 2 min	Hyd. volume	= 3,810 cuft
Inflow hyd. No.	= 11 - PR-G	Reservoir name	= Pond G
Max. Elevation	= 336.42 ft	Max. Storage	= 25,704 cuft

Storage Indication method used. Wet pond routing start elevation = 334.00 ft.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
20.17	0.117	336.41	0.052	0.029	-----	-----	-----	0.023	-----	-----	-----	0.052
20.20	0.117	336.41	0.055	0.029	-----	-----	-----	0.025	-----	-----	-----	0.054
20.23	0.116	336.41	0.057	0.030	-----	-----	-----	0.027	-----	-----	-----	0.057
20.27	0.116	336.41	0.060	0.030	-----	-----	-----	0.029	-----	-----	-----	0.059
20.30	0.116	336.41	0.062	0.031	-----	-----	-----	0.031	-----	-----	-----	0.061
20.33	0.115	336.41	0.064	0.031	-----	-----	-----	0.032	-----	-----	-----	0.063
20.37	0.115	336.41	0.066	0.031	-----	-----	-----	0.034	-----	-----	-----	0.065
20.40	0.114	336.41	0.068	0.032	-----	-----	-----	0.035	-----	-----	-----	0.067
20.43	0.114	336.41	0.070	0.032	-----	-----	-----	0.037	-----	-----	-----	0.069
20.47	0.113	336.41	0.071	0.032	-----	-----	-----	0.038	-----	-----	-----	0.071
20.50	0.113	336.41	0.073	0.033	-----	-----	-----	0.040	-----	-----	-----	0.072
20.53	0.113	336.41	0.074	0.033	-----	-----	-----	0.041	-----	-----	-----	0.074
20.57	0.112	336.41	0.076	0.033	-----	-----	-----	0.042	-----	-----	-----	0.075
20.60	0.112	336.41	0.077	0.033	-----	-----	-----	0.043	-----	-----	-----	0.077
20.63	0.111	336.41	0.079	0.034	-----	-----	-----	0.044	-----	-----	-----	0.078
20.67	0.111	336.42	0.080	0.034	-----	-----	-----	0.045	-----	-----	-----	0.079
20.70	0.110	336.42	0.081	0.034	-----	-----	-----	0.046	-----	-----	-----	0.080
20.73	0.110	336.42	0.082	0.034	-----	-----	-----	0.047	-----	-----	-----	0.082
20.77	0.109	336.42	0.083	0.034	-----	-----	-----	0.048	-----	-----	-----	0.083
20.80	0.109	336.42	0.084	0.035	-----	-----	-----	0.049	-----	-----	-----	0.084
20.83	0.109	336.42	0.086	0.035	-----	-----	-----	0.050	-----	-----	-----	0.085
20.87	0.108	336.42	0.086	0.035	-----	-----	-----	0.051	-----	-----	-----	0.086
20.90	0.108	336.42	0.087	0.035	-----	-----	-----	0.051	-----	-----	-----	0.086
20.93	0.107	336.42	0.088	0.035	-----	-----	-----	0.052	-----	-----	-----	0.087
20.97	0.107	336.42	0.089	0.035	-----	-----	-----	0.053	-----	-----	-----	0.088
21.00	0.106	336.42	0.090	0.036	-----	-----	-----	0.053	-----	-----	-----	0.089
21.03	0.106	336.42	0.090	0.036	-----	-----	-----	0.054	-----	-----	-----	0.089
21.07	0.105	336.42	0.091	0.036	-----	-----	-----	0.054	-----	-----	-----	0.090
21.10	0.105	336.42	0.091	0.036	-----	-----	-----	0.055	-----	-----	-----	0.091
21.13	0.105	336.42	0.092	0.036	-----	-----	-----	0.055	-----	-----	-----	0.091
21.17	0.104	336.42	0.093	0.036	-----	-----	-----	0.056	-----	-----	-----	0.092
21.20	0.104	336.42	0.093	0.036	-----	-----	-----	0.056	-----	-----	-----	0.092
21.23	0.103	336.42	0.093	0.036	-----	-----	-----	0.056	-----	-----	-----	0.093
21.27	0.103	336.42	0.094	0.036	-----	-----	-----	0.057	-----	-----	-----	0.093
21.30	0.102	336.42	0.094	0.036	-----	-----	-----	0.057	-----	-----	-----	0.093
21.33	0.102	336.42	0.095	0.036	-----	-----	-----	0.057	-----	-----	-----	0.094
21.37	0.101	336.42	0.095	0.036	-----	-----	-----	0.057	-----	-----	-----	0.094
21.40	0.101	336.42	0.095	0.037	-----	-----	-----	0.058	-----	-----	-----	0.094
21.43	0.101	336.42	0.096	0.037	-----	-----	-----	0.058	-----	-----	-----	0.094
21.47	0.100	336.42	0.096	0.037	-----	-----	-----	0.058	-----	-----	-----	0.095
21.50	0.100	336.42	0.096	0.037	-----	-----	-----	0.058	-----	-----	-----	0.095
21.53	0.099	336.42	0.096	0.037	-----	-----	-----	0.058	-----	-----	-----	0.095

Continues on next page...

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.57	0.099	336.42	0.096	0.037	-----	-----	-----	0.058	-----	-----	-----	0.095
21.60	0.098	336.42	0.096	0.037	-----	-----	-----	0.059	-----	-----	-----	0.095
21.63	0.098	336.42	0.097	0.037	-----	-----	-----	0.059	-----	-----	-----	0.095
21.67	0.097	336.42	0.097	0.037	-----	-----	-----	0.059	-----	-----	-----	0.096
21.70	0.097	336.42	0.097	0.037	-----	-----	-----	0.059	-----	-----	-----	0.096
21.73	0.097	336.42	0.097	0.037	-----	-----	-----	0.059	-----	-----	-----	0.096
21.77	0.096	336.42	0.097	0.037	-----	-----	-----	0.059	-----	-----	-----	0.096
21.80	0.096	336.42	0.097	0.037	-----	-----	-----	0.059	-----	-----	-----	0.096
21.83	0.095	336.42	0.097	0.037	-----	-----	-----	0.059	-----	-----	-----	0.096
21.87	0.095	336.42	0.097	0.037	-----	-----	-----	0.059	-----	-----	-----	0.096
21.90	0.094	336.42	0.097	0.037	-----	-----	-----	0.059	-----	-----	-----	0.096
21.93	0.094	336.42	0.097	0.037	-----	-----	-----	0.059	-----	-----	-----	0.096
21.97	0.093	336.42	0.097	0.037	-----	-----	-----	0.059	-----	-----	-----	0.095
22.00	0.093	336.42	0.096	0.037	-----	-----	-----	0.059	-----	-----	-----	0.095
22.03	0.110	336.42	0.097	0.037	-----	-----	-----	0.059	-----	-----	-----	0.096
22.07	0.128	336.42	0.098	0.037	-----	-----	-----	0.060	-----	-----	-----	0.097
22.10	0.147	336.42	0.099	0.037	-----	-----	-----	0.061	-----	-----	-----	0.098
22.13	0.137	336.42	0.101	0.038	-----	-----	-----	0.062	-----	-----	-----	0.100
22.17	0.128	336.42	0.102	0.038	-----	-----	-----	0.063	-----	-----	-----	0.101
22.20	0.118	336.42	0.103	0.038	-----	-----	-----	0.064	-----	-----	-----	0.102
22.23	0.107	336.42 <<	0.103	0.038	-----	-----	-----	0.064	-----	-----	-----	0.102 <<
22.27	0.097	336.42	0.103	0.038	-----	-----	-----	0.064	-----	-----	-----	0.102
22.30	0.096	336.42	0.103	0.038	-----	-----	-----	0.064	-----	-----	-----	0.102
22.33	0.096	336.42	0.103	0.038	-----	-----	-----	0.064	-----	-----	-----	0.102
22.37	0.096	336.42	0.103	0.038	-----	-----	-----	0.064	-----	-----	-----	0.102
22.40	0.095	336.42	0.102	0.038	-----	-----	-----	0.064	-----	-----	-----	0.101
22.43	0.095	336.42	0.102	0.038	-----	-----	-----	0.063	-----	-----	-----	0.101
22.47	0.095	336.42	0.102	0.038	-----	-----	-----	0.063	-----	-----	-----	0.101
22.50	0.094	336.42	0.102	0.038	-----	-----	-----	0.063	-----	-----	-----	0.101
22.53	0.094	336.42	0.101	0.038	-----	-----	-----	0.063	-----	-----	-----	0.100
22.57	0.094	336.42	0.101	0.038	-----	-----	-----	0.063	-----	-----	-----	0.100
22.60	0.093	336.42	0.101	0.038	-----	-----	-----	0.062	-----	-----	-----	0.100
22.63	0.093	336.42	0.101	0.038	-----	-----	-----	0.062	-----	-----	-----	0.100
22.67	0.093	336.42	0.100	0.037	-----	-----	-----	0.062	-----	-----	-----	0.099
22.70	0.092	336.42	0.100	0.037	-----	-----	-----	0.062	-----	-----	-----	0.099
22.73	0.092	336.42	0.100	0.037	-----	-----	-----	0.062	-----	-----	-----	0.099
22.77	0.092	336.42	0.100	0.037	-----	-----	-----	0.061	-----	-----	-----	0.099
22.80	0.091	336.42	0.099	0.037	-----	-----	-----	0.061	-----	-----	-----	0.098
22.83	0.091	336.42	0.099	0.037	-----	-----	-----	0.061	-----	-----	-----	0.098
22.87	0.091	336.42	0.099	0.037	-----	-----	-----	0.061	-----	-----	-----	0.098
22.90	0.090	336.42	0.099	0.037	-----	-----	-----	0.060	-----	-----	-----	0.098
22.93	0.090	336.42	0.098	0.037	-----	-----	-----	0.060	-----	-----	-----	0.097
22.97	0.090	336.42	0.098	0.037	-----	-----	-----	0.060	-----	-----	-----	0.097
23.00	0.089	336.42	0.098	0.037	-----	-----	-----	0.060	-----	-----	-----	0.097
23.03	0.089	336.42	0.097	0.037	-----	-----	-----	0.059	-----	-----	-----	0.096
23.07	0.089	336.42	0.097	0.037	-----	-----	-----	0.059	-----	-----	-----	0.096
23.10	0.088	336.42	0.097	0.037	-----	-----	-----	0.059	-----	-----	-----	0.096
23.13	0.088	336.42	0.097	0.037	-----	-----	-----	0.059	-----	-----	-----	0.096
23.17	0.088	336.42	0.096	0.037	-----	-----	-----	0.059	-----	-----	-----	0.095
23.20	0.087	336.42	0.096	0.037	-----	-----	-----	0.058	-----	-----	-----	0.095
23.23	0.087	336.42	0.096	0.037	-----	-----	-----	0.058	-----	-----	-----	0.095
23.27	0.087	336.42	0.095	0.037	-----	-----	-----	0.058	-----	-----	-----	0.094
23.30	0.086	336.42	0.095	0.037	-----	-----	-----	0.058	-----	-----	-----	0.094
23.33	0.086	336.42	0.095	0.036	-----	-----	-----	0.057	-----	-----	-----	0.094
23.37	0.086	336.42	0.094	0.036	-----	-----	-----	0.057	-----	-----	-----	0.093
23.40	0.085	336.42	0.094	0.036	-----	-----	-----	0.057	-----	-----	-----	0.093

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
23.43	0.085	336.42	0.094	0.036	-----	-----	-----	0.057	-----	-----	-----	0.093
23.47	0.085	336.42	0.094	0.036	-----	-----	-----	0.056	-----	-----	-----	0.093
23.50	0.084	336.42	0.093	0.036	-----	-----	-----	0.056	-----	-----	-----	0.092
23.53	0.084	336.42	0.093	0.036	-----	-----	-----	0.056	-----	-----	-----	0.092
23.57	0.084	336.42	0.093	0.036	-----	-----	-----	0.056	-----	-----	-----	0.092
23.60	0.083	336.42	0.092	0.036	-----	-----	-----	0.055	-----	-----	-----	0.091
23.63	0.083	336.42	0.092	0.036	-----	-----	-----	0.055	-----	-----	-----	0.091
23.67	0.083	336.42	0.092	0.036	-----	-----	-----	0.055	-----	-----	-----	0.091
23.70	0.082	336.42	0.091	0.036	-----	-----	-----	0.055	-----	-----	-----	0.090
23.73	0.082	336.42	0.091	0.036	-----	-----	-----	0.054	-----	-----	-----	0.090
23.77	0.082	336.42	0.091	0.036	-----	-----	-----	0.054	-----	-----	-----	0.090
23.80	0.081	336.42	0.090	0.036	-----	-----	-----	0.054	-----	-----	-----	0.089
23.83	0.081	336.42	0.090	0.036	-----	-----	-----	0.054	-----	-----	-----	0.089
23.87	0.081	336.42	0.090	0.036	-----	-----	-----	0.053	-----	-----	-----	0.089
23.90	0.080	336.42	0.089	0.036	-----	-----	-----	0.053	-----	-----	-----	0.089
23.93	0.080	336.42	0.089	0.035	-----	-----	-----	0.053	-----	-----	-----	0.088
23.97	0.080	336.42	0.089	0.035	-----	-----	-----	0.052	-----	-----	-----	0.088
24.00	0.079	336.42	0.089	0.035	-----	-----	-----	0.052	-----	-----	-----	0.088
24.03	0.073	336.42	0.088	0.035	-----	-----	-----	0.052	-----	-----	-----	0.087
24.07	0.059	336.42	0.087	0.035	-----	-----	-----	0.051	-----	-----	-----	0.086
24.10	0.039	336.42	0.086	0.035	-----	-----	-----	0.050	-----	-----	-----	0.085
24.13	0.024	336.42	0.084	0.034	-----	-----	-----	0.048	-----	-----	-----	0.083
24.17	0.012	336.42	0.081	0.034	-----	-----	-----	0.046	-----	-----	-----	0.080
24.20	0.004	336.41	0.078	0.034	-----	-----	-----	0.044	-----	-----	-----	0.078
24.23	0.000	336.41	0.075	0.033	-----	-----	-----	0.042	-----	-----	-----	0.075
24.27	0.000	336.41	0.073	0.033	-----	-----	-----	0.039	-----	-----	-----	0.072
24.30	0.000	336.41	0.070	0.032	-----	-----	-----	0.037	-----	-----	-----	0.069
24.33	0.000	336.41	0.067	0.032	-----	-----	-----	0.035	-----	-----	-----	0.066
24.37	0.000	336.41	0.064	0.031	-----	-----	-----	0.033	-----	-----	-----	0.064
24.40	0.000	336.41	0.062	0.031	-----	-----	-----	0.031	-----	-----	-----	0.061
24.43	0.000	336.41	0.060	0.030	-----	-----	-----	0.029	-----	-----	-----	0.059
24.47	0.000	336.41	0.057	0.030	-----	-----	-----	0.027	-----	-----	-----	0.057
24.50	0.000	336.41	0.055	0.029	-----	-----	-----	0.025	-----	-----	-----	0.055
24.53	0.000	336.41	0.053	0.029	-----	-----	-----	0.024	-----	-----	-----	0.053

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 20

Combine A2, G, & R1

Hydrograph type	=	Combine	Peak discharge	=	22.36 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.23 hrs
Time interval	=	2 min	Hyd. volume	=	109,917 cuft
Inflow hyds.	=	2, 18, 19	Contrib. drain. area	=	14.970 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 2 + (cfs)	Hyd. 18 + (cfs)	Hyd. 19 = (cfs)	Outflow (cfs)
12.07	7.264	5.289	0.000	12.55
12.10	8.766	6.681	0.000	15.45
12.13	10.03	8.207	0.000	18.24
12.17	10.82	9.662	0.000	20.48
12.20	11.05 <<	10.81	0.000	21.86
12.23	10.86	11.50	0.000	22.36 <<
12.27	10.42	11.73 <<	0.000	22.15
12.30	9.846	11.59	0.000	21.44
12.33	9.140	11.20	0.000	20.34
12.37	8.346	10.60	0.000	18.95
12.40	7.540	9.870	0.000	17.41
12.43	6.815	9.063	0.000	15.88
12.47	6.207	8.266	0.000	14.47
12.50	5.671	7.540	0.000	13.21
12.53	5.153	6.889	0.000	12.04

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 21

Reach 2

Hydrograph type	= Reach	Peak discharge	= 20.80 cfs
Storm frequency	= 1 yrs	Time to peak	= 12.33 hrs
Time interval	= 2 min	Hyd. volume	= 109,126 cuft
Inflow hyd. No.	= 20 - Combine A2, G, & R1	Section type	= Trapezoidal
Reach length	= 834.0 ft	Channel slope	= 0.27 %
Manning's n	= 0.025	Bottom width	= 8.00 ft
Side slope	= 2.0:1	Max. depth	= 2.00 ft
Rating curve x	= 0.774	Rating curve m	= 1.413
Ave. velocity	= 2.07 ft/s	Routing coeff.	= 0.3474

Modified Att-Kin routing method used.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Outflow cfs
12.13	18.24	11.30
12.17	20.48	13.71
12.20	21.86	16.06
12.23	22.36 <<	18.08
12.27	22.15	19.57
12.30	21.44	20.46
12.33	20.34	20.80 <<
12.37	18.95	20.64
12.40	17.41	20.05
12.43	15.88	19.13
12.47	14.47	18.00
12.50	13.21	16.78
12.53	12.04	15.54
12.57	10.92	14.32
12.60	9.851	13.14
12.63	8.850	12.00
12.67	7.952	10.90

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 22

Pond K

Hydrograph type	=	Reservoir	Peak discharge	=	3.332 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.27 hrs
Time interval	=	2 min	Hyd. volume	=	16,222 cuft
Inflow hyd. No.	=	15 - PR-K	Reservoir name	=	Pond K
Max. Elevation	=	335.18 ft	Max. Storage	=	5,037 cuft

Storage Indication method used. Wet pond routing start elevation = 332.80 ft.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.20	4.037	335.05	-----	1.268	-----	-----	0.600	-----	-----	-----	-----	1.869
12.23	3.744	335.15	-----	1.302	-----	-----	1.713	-----	-----	-----	-----	3.014
12.27	3.405	335.17 <<	-----	1.311	-----	-----	2.021	-----	-----	-----	-----	3.332 <<
12.30	3.042	335.17	-----	1.309	-----	-----	1.962	-----	-----	-----	-----	3.271
12.33	2.692	335.15	-----	1.303	-----	-----	1.740	-----	-----	-----	-----	3.042
12.37	2.399	335.13	-----	1.294	-----	-----	1.467	-----	-----	-----	-----	2.761
12.40	2.173	335.10	-----	1.287	-----	-----	1.205	-----	-----	-----	-----	2.492
12.43	1.989	335.08	-----	1.280	-----	-----	0.979	-----	-----	-----	-----	2.259
12.47	1.817	335.07	-----	1.274	-----	-----	0.783	-----	-----	-----	-----	2.057
12.50	1.639	335.05	-----	1.269	-----	-----	0.602	-----	-----	-----	-----	1.871
12.53	1.461	335.04	-----	1.263	-----	-----	0.425	-----	-----	-----	-----	1.689

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 23

Combine A4 & K

Hydrograph type	=	Combine	Peak discharge	=	27.53 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.27 hrs
Time interval	=	2 min	Hyd. volume	=	132,616 cuft
Inflow hyds.	=	4, 22	Contrib. drain. area	=	37.400 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 4 + (cfs)	Hyd. 22 = (cfs)	Outflow (cfs)
12.07	13.54	0.968	14.51
12.10	16.47	1.047	17.52
12.13	19.32	1.129	20.45
12.17	21.77	1.206	22.98
12.20	23.44	1.869	25.31
12.23	24.18	3.014	27.20
12.27	24.20 <<	3.332 <<	27.53 <<
12.30	23.77	3.271	27.04
12.33	23.05	3.042	26.09
12.37	22.06	2.761	24.82
12.40	20.80	2.492	23.30
12.43	19.32	2.259	21.58
12.47	17.66	2.057	19.72
12.50	15.95	1.871	17.82
12.53	14.36	1.689	16.05
12.57	12.97	1.512	14.48

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 24

Reach 4

Hydrograph type	=	Reach	Peak discharge	=	27.49 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.30 hrs
Time interval	=	2 min	Hyd. volume	=	132,601 cuft
Inflow hyd. No.	=	23 - Combine A4 & K	Section type	=	Trapezoidal
Reach length	=	377.0 ft	Channel slope	=	1.19 %
Manning's n	=	0.025	Bottom width	=	8.00 ft
Side slope	=	2.0:1	Max. depth	=	2.00 ft
Rating curve x	=	1.624	Rating curve m	=	1.413
Ave. velocity	=	3.71 ft/s	Routing coeff.	=	0.9103

Modified Att-Kin routing method used.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Outflow cfs
12.10	17.52	14.23
12.13	20.45	17.23
12.17	22.98	20.16
12.20	25.31	22.72
12.23	27.20	25.08
12.27	27.53 <<	27.01
12.30	27.04	27.49 <<
12.33	26.09	27.08
12.37	24.82	26.18
12.40	23.30	24.94
12.43	21.58	23.44
12.47	19.72	21.74
12.50	17.82	19.90
12.53	16.05	18.01
12.57	14.48	16.22
12.60	13.09	14.64

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 25

Pond J

Hydrograph type	= Reservoir	Peak discharge	= 4.171 cfs
Storm frequency	= 1 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 16,187 cuft
Inflow hyd. No.	= 14 - PR-J	Reservoir name	= Pond J
Max. Elevation	= 329.29 ft	Max. Storage	= 7,023 cuft

Storage Indication method used. Wet pond routing start elevation = 328.80 ft.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.03	3.090	329.20	-----	-----	-----	-----	2.293	-----	-----	-----	-----	2.293
12.07	3.672	329.23	-----	-----	-----	-----	2.955	-----	-----	-----	-----	2.955
12.10	4.129	329.26	-----	-----	-----	-----	3.547	-----	-----	-----	-----	3.547
12.13	4.326 <<	329.28	-----	-----	-----	-----	3.973	-----	-----	-----	-----	3.973
12.17	4.253	329.29 <<	-----	-----	-----	-----	4.172	-----	-----	-----	-----	4.171 <<
12.20	3.999	329.29	-----	-----	-----	-----	4.143	-----	-----	-----	-----	4.143
12.23	3.656	329.28	-----	-----	-----	-----	3.946	-----	-----	-----	-----	3.946
12.27	3.277	329.26	-----	-----	-----	-----	3.646	-----	-----	-----	-----	3.646
12.30	2.885	329.25	-----	-----	-----	-----	3.292	-----	-----	-----	-----	3.292
12.33	2.518	329.23	-----	-----	-----	-----	2.922	-----	-----	-----	-----	2.923
12.37	2.219	329.21	-----	-----	-----	-----	2.576	-----	-----	-----	-----	2.576
12.40	1.994	329.20	-----	-----	-----	-----	2.299	-----	-----	-----	-----	2.298
12.43	1.813	329.18	-----	-----	-----	-----	2.141	-----	-----	-----	-----	2.141

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 26

Combine A3, J, R2, & R4

Hydrograph type	=	Combine	Peak discharge	=	63.44 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.30 hrs
Time interval	=	2 min	Hyd. volume	=	316,576 cuft
Inflow hyds.	=	3, 21, 24, 25	Contrib. drain. area	=	16.820 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 3 + (cfs)	Hyd. 21 + (cfs)	Hyd. 24 + (cfs)	Hyd. 25 = (cfs)	Outflow (cfs)
12.10	8.819	9.098	14.23	3.547	35.70
12.13	10.24	11.30	17.23	3.973	42.74
12.17	11.44	13.71	20.16	4.171 <<	49.48
12.20	12.23	16.06	22.72	4.143	55.16
12.23	12.53 <<	18.08	25.08	3.946	59.64
12.27	12.48	19.57	27.01	3.646	62.70
12.30	12.19	20.46	27.49 <<	3.292	63.44 <<
12.33	11.77	20.80 <<	27.08	2.923	62.58
12.37	11.21	20.64	26.18	2.576	60.61
12.40	10.53	20.05	24.94	2.298	57.82
12.43	9.734	19.13	23.44	2.141	54.45
12.47	8.863	18.00	21.74	1.977	50.59
12.50	7.977	16.78	19.90	1.812	46.46
12.53	7.159	15.54	18.01	1.645	42.35
12.57	6.453	14.32	16.22	1.481	38.48
12.60	5.836	13.14	14.64	1.323	34.94

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 27

Reach 3

Hydrograph type	=	Reach	Peak discharge	=	60.60 cfs
Storm frequency	=	1 yrs	Time to peak	=	12.40 hrs
Time interval	=	2 min	Hyd. volume	=	316,574 cuft
Inflow hyd. No.	=	26 - Combine A3, J, R2, & R4	Section type	=	Trapezoidal
Reach length	=	1164.0 ft	Channel slope	=	0.52 %
Manning's n	=	0.025	Bottom width	=	8.00 ft
Side slope	=	2.0:1	Max. depth	=	2.00 ft
Rating curve x	=	1.074	Rating curve m	=	1.413
Ave. velocity	=	3.54 ft/s	Routing coeff.	=	0.4097

Modified Att-Kin routing method used.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Outflow cfs
12.17	49.48	34.06
12.20	55.16	40.38
12.23	59.64	46.43
12.27	62.70	51.84
12.30	63.44 <<	56.29
12.33	62.58	59.22
12.37	60.61	60.59
12.40	57.82	60.60 <<
12.43	54.45	59.46
12.47	50.59	57.41
12.50	46.46	54.61
12.53	42.35	51.27
12.57	38.48	47.62
12.60	34.94	43.87
12.63	31.68	40.21
12.67	28.71	36.72
12.70	26.07	33.44
12.73	23.73	30.42

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 28

Design Point A

Hydrograph type	= Combine	Peak discharge	= 76.52 cfs
Storm frequency	= 1 yrs	Time to peak	= 12.33 hrs
Time interval	= 2 min	Hyd. volume	= 419,007 cuft
Inflow hyds.	= 5, 27	Contrib. drain. area	= 28.480 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 5 + (cfs)	Hyd. 27 = (cfs)	Outflow (cfs)
12.10	22.77	22.72	45.49
12.13	24.83	28.04	52.86
12.17	25.25 <<	34.06	59.31
12.20	24.48	40.38	64.86
12.23	23.04	46.43	69.48
12.27	21.28	51.84	73.12
12.30	19.29	56.29	75.58
12.33	17.31	59.22	76.52 <<
12.37	15.59	60.59	76.18
12.40	14.24	60.60 <<	74.84
12.43	13.12	59.46	72.58
12.47	12.04	57.41	69.45
12.50	10.92	54.61	65.53
12.53	9.769	51.27	61.04
12.57	8.665	47.62	56.28
12.60	7.666	43.87	51.54
12.63	6.832	40.21	47.04
12.67	6.183	36.72	42.90
12.70	5.692	33.44	39.13

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 29

Pond H

Hydrograph type	= Reservoir	Peak discharge	= 0.355 cfs
Storm frequency	= 1 yrs	Time to peak	= 19.63 hrs
Time interval	= 2 min	Hyd. volume	= 57,178 cuft
Inflow hyd. No.	= 12 - PR-H	Reservoir name	= Pond H ALT
Max. Elevation	= 311.89 ft	Max. Storage	= 70,527 cuft

Storage Indication method used. Wet pond routing start elevation = 309.45 ft.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.10	12.53	310.20	0.181	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
12.13	13.86	310.28	0.197	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
12.17	14.52 <<	310.36	0.215	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
12.20	14.46	310.45	0.228	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
12.23	13.89	310.54	0.237	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
12.27	13.05	310.62	0.247	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
12.30	12.07	310.70	0.256	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
12.33	10.98	310.77	0.264	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
12.37	9.820	310.84	0.272	0.260	-----	-----	-----	-----	-----	-----	-----	0.260
12.40	8.708	310.89	0.279	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
12.43	7.752	310.94	0.285	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
12.47	6.982	310.99	0.291	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
12.50	6.324	311.03	0.293	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
12.53	5.705	311.06	0.294	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
12.57	5.103	311.09	0.294	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
12.60	4.538	311.12	0.295	0.289	-----	-----	-----	-----	-----	-----	-----	0.289
12.63	4.031	311.15	0.296	0.291	-----	-----	-----	-----	-----	-----	-----	0.291
12.67	3.602	311.17	0.296	0.294	-----	-----	-----	-----	-----	-----	-----	0.294
12.70	3.257	311.19	0.296	0.296	-----	-----	-----	-----	-----	-----	-----	0.296
12.73	2.984	311.21	0.297	0.297	-----	-----	-----	-----	-----	-----	-----	0.297
12.77	2.774	311.22	0.299	0.299	-----	-----	-----	-----	-----	-----	-----	0.299
12.80	2.615	311.24	0.301	0.300	-----	-----	-----	-----	-----	-----	-----	0.300
12.83	2.495	311.25	0.302	0.301	-----	-----	-----	-----	-----	-----	-----	0.301
12.87	2.405	311.27	0.304	0.303	-----	-----	-----	-----	-----	-----	-----	0.303
12.90	2.331	311.28	0.305	0.304	-----	-----	-----	-----	-----	-----	-----	0.304
12.93	2.263	311.29	0.307	0.305	-----	-----	-----	-----	-----	-----	-----	0.305
12.97	2.194	311.30	0.308	0.306	-----	-----	-----	-----	-----	-----	-----	0.306
13.00	2.125	311.31	0.310	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
13.03	2.057	311.33	0.311	0.308	-----	-----	-----	-----	-----	-----	-----	0.308
13.07	1.990	311.34	0.312	0.309	-----	-----	-----	-----	-----	-----	-----	0.309
13.10	1.928	311.35	0.313	0.310	-----	-----	-----	-----	-----	-----	-----	0.310
13.13	1.871	311.36	0.314	0.311	-----	-----	-----	-----	-----	-----	-----	0.311
13.17	1.821	311.37	0.315	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
13.20	1.779	311.38	0.316	0.313	-----	-----	-----	-----	-----	-----	-----	0.313
13.23	1.743	311.38	0.317	0.313	-----	-----	-----	-----	-----	-----	-----	0.313
13.27	1.713	311.39	0.318	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
13.30	1.688	311.40	0.319	0.315	-----	-----	-----	-----	-----	-----	-----	0.315
13.33	1.666	311.41	0.321	0.316	-----	-----	-----	-----	-----	-----	-----	0.316
13.37	1.646	311.42	0.322	0.317	-----	-----	-----	-----	-----	-----	-----	0.317
13.40	1.628	311.43	0.323	0.317	-----	-----	-----	-----	-----	-----	-----	0.317
13.43	1.611	311.44	0.324	0.318	-----	-----	-----	-----	-----	-----	-----	0.318
13.47	1.593	311.44	0.325	0.319	-----	-----	-----	-----	-----	-----	-----	0.319

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.50	1.576	311.45	0.326	0.319	-----	-----	-----	-----	-----	-----	-----	0.319
13.53	1.558	311.46	0.328	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
13.57	1.540	311.47	0.329	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
13.60	1.522	311.47	0.330	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
13.63	1.504	311.48	0.331	0.322	-----	-----	-----	-----	-----	-----	-----	0.322
13.67	1.486	311.49	0.332	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
13.70	1.468	311.50	0.333	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
13.73	1.450	311.50	0.334	0.324	-----	-----	-----	-----	-----	-----	-----	0.324
13.77	1.432	311.51	0.335	0.324	-----	-----	-----	-----	-----	-----	-----	0.324
13.80	1.414	311.52	0.336	0.325	-----	-----	-----	-----	-----	-----	-----	0.325
13.83	1.396	311.52	0.337	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
13.87	1.377	311.53	0.338	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
13.90	1.359	311.54	0.339	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
13.93	1.341	311.54	0.340	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
13.97	1.322	311.55	0.340	0.328	-----	-----	-----	-----	-----	-----	-----	0.328
14.00	1.304	311.56	0.341	0.328	-----	-----	-----	-----	-----	-----	-----	0.328
14.03	1.285	311.56	0.342	0.329	-----	-----	-----	-----	-----	-----	-----	0.329
14.07	1.267	311.57	0.343	0.329	-----	-----	-----	-----	-----	-----	-----	0.329
14.10	1.250	311.57	0.344	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
14.13	1.234	311.58	0.345	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
14.17	1.219	311.59	0.345	0.331	-----	-----	-----	-----	-----	-----	-----	0.331
14.20	1.206	311.59	0.346	0.331	-----	-----	-----	-----	-----	-----	-----	0.331
14.23	1.194	311.60	0.347	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
14.27	1.183	311.60	0.347	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
14.30	1.172	311.61	0.347	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
14.33	1.163	311.61	0.348	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
14.37	1.154	311.62	0.348	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
14.40	1.145	311.62	0.348	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
14.43	1.136	311.63	0.348	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
14.47	1.127	311.63	0.348	0.335	-----	-----	-----	-----	-----	-----	-----	0.335
14.50	1.119	311.64	0.348	0.335	-----	-----	-----	-----	-----	-----	-----	0.335
14.53	1.110	311.64	0.348	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
14.57	1.101	311.65	0.348	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
14.60	1.092	311.65	0.348	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
14.63	1.083	311.66	0.348	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
14.67	1.075	311.66	0.348	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
14.70	1.066	311.67	0.348	0.338	-----	-----	-----	-----	-----	-----	-----	0.338
14.73	1.057	311.67	0.348	0.338	-----	-----	-----	-----	-----	-----	-----	0.338
14.77	1.048	311.68	0.348	0.338	-----	-----	-----	-----	-----	-----	-----	0.338
14.80	1.039	311.68	0.348	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
14.83	1.030	311.68	0.348	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
14.87	1.021	311.69	0.348	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
14.90	1.012	311.69	0.348	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
14.93	1.003	311.70	0.348	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
14.97	0.994	311.70	0.348	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
15.00	0.985	311.71	0.348	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
15.03	0.976	311.71	0.348	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
15.07	0.967	311.71	0.348	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
15.10	0.958	311.72	0.348	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
15.13	0.949	311.72	0.348	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
15.17	0.940	311.72	0.348	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
15.20	0.930	311.73	0.348	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
15.23	0.921	311.73	0.348	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
15.27	0.912	311.74	0.348	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
15.30	0.903	311.74	0.348	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
15.33	0.894	311.74	0.348	0.344	-----	-----	-----	-----	-----	-----	-----	0.344

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
15.37	0.885	311.75	0.348	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
15.40	0.875	311.75	0.348	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
15.43	0.866	311.75	0.348	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
15.47	0.857	311.76	0.348	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
15.50	0.848	311.76	0.348	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
15.53	0.838	311.76	0.348	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
15.57	0.829	311.77	0.348	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
15.60	0.820	311.77	0.348	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
15.63	0.811	311.77	0.348	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
15.67	0.801	311.77	0.348	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
15.70	0.792	311.78	0.348	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
15.73	0.783	311.78	0.348	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
15.77	0.773	311.78	0.348	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
15.80	0.764	311.78	0.348	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
15.83	0.755	311.79	0.349	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
15.87	0.745	311.79	0.349	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
15.90	0.736	311.79	0.349	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
15.93	0.726	311.79	0.349	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
15.97	0.717	311.80	0.349	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
16.00	0.708	311.80	0.349	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
16.03	0.698	311.80	0.349	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
16.07	0.689	311.80	0.349	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
16.10	0.680	311.81	0.349	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
16.13	0.672	311.81	0.350	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
16.17	0.665	311.81	0.350	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
16.20	0.658	311.81	0.350	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
16.23	0.653	311.81	0.351	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
16.27	0.647	311.82	0.351	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
16.30	0.642	311.82	0.351	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
16.33	0.638	311.82	0.351	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
16.37	0.634	311.82	0.352	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
16.40	0.630	311.82	0.352	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
16.43	0.625	311.82	0.352	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
16.47	0.621	311.83	0.352	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
16.50	0.617	311.83	0.353	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
16.53	0.613	311.83	0.353	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
16.57	0.609	311.83	0.353	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
16.60	0.605	311.83	0.353	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
16.63	0.601	311.83	0.354	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
16.67	0.597	311.84	0.354	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
16.70	0.593	311.84	0.354	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
16.73	0.589	311.84	0.354	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
16.77	0.585	311.84	0.354	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
16.80	0.581	311.84	0.355	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
16.83	0.577	311.84	0.355	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
16.87	0.573	311.84	0.355	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
16.90	0.569	311.85	0.355	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
16.93	0.564	311.85	0.355	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
16.97	0.560	311.85	0.356	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
17.00	0.556	311.85	0.356	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
17.03	0.552	311.85	0.356	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
17.07	0.548	311.85	0.356	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
17.10	0.544	311.85	0.356	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
17.13	0.540	311.85	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
17.17	0.536	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
17.20	0.532	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.23	0.528	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
17.27	0.523	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
17.30	0.519	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
17.33	0.515	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
17.37	0.511	311.86	0.358	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
17.40	0.507	311.86	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.43	0.503	311.86	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.47	0.499	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.50	0.494	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.53	0.490	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.57	0.486	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.60	0.482	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.63	0.478	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.67	0.474	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.70	0.470	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.73	0.465	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.77	0.461	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.80	0.457	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.83	0.453	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.87	0.449	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.90	0.445	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.93	0.440	311.88	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
17.97	0.436	311.88	0.360	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
18.00	0.432	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.03	0.428	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.07	0.424	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.10	0.420	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.13	0.417	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.17	0.414	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.20	0.411	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.23	0.409	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.27	0.407	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.30	0.405	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.33	0.404	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.37	0.402	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.40	0.401	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.43	0.400	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.47	0.399	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.50	0.397	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.53	0.396	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.57	0.395	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.60	0.394	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.63	0.393	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.67	0.391	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.70	0.390	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.73	0.389	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.77	0.388	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.80	0.386	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.83	0.385	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.87	0.384	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.90	0.383	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.93	0.382	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
18.97	0.380	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.00	0.379	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.03	0.378	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.07	0.377	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
19.10	0.375	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.13	0.374	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.17	0.373	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.20	0.372	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.23	0.371	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.27	0.369	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.30	0.368	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.33	0.367	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.37	0.366	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.40	0.364	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.43	0.363	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.47	0.362	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.50	0.361	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.53	0.359	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.57	0.358	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.60	0.357	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.63	0.356	311.89 <<	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355 <<
19.67	0.354	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.70	0.353	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.73	0.352	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.77	0.351	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.80	0.349	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.83	0.348	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.87	0.347	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.90	0.346	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.93	0.345	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
19.97	0.343	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.00	0.342	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.03	0.341	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.07	0.340	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.10	0.338	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.13	0.337	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.17	0.336	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.20	0.335	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.23	0.333	311.89	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.27	0.332	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.30	0.331	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.33	0.330	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.37	0.328	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.40	0.327	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.43	0.326	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.47	0.325	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.50	0.323	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.53	0.322	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.57	0.321	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.60	0.320	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.63	0.318	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.67	0.317	311.88	0.361	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.70	0.316	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.73	0.315	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.77	0.313	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.80	0.312	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.83	0.311	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.87	0.310	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.90	0.308	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
20.93	0.307	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
20.97	0.306	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
21.00	0.304	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
21.03	0.303	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
21.07	0.302	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
21.10	0.301	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
21.13	0.299	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
21.17	0.298	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
21.20	0.297	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
21.23	0.296	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
21.27	0.294	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
21.30	0.293	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
21.33	0.292	311.88	0.360	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
21.37	0.291	311.88	0.360	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.40	0.289	311.88	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.43	0.288	311.88	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.47	0.287	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.50	0.286	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.53	0.284	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.57	0.283	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.60	0.282	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.63	0.280	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.67	0.279	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.70	0.278	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.73	0.277	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.77	0.275	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.80	0.274	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.83	0.273	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.87	0.272	311.87	0.359	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.90	0.270	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.93	0.269	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.97	0.268	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
22.00	0.266	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
22.03	0.284	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
22.07	0.302	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
22.10	0.320	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
22.13	0.339	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
22.17	0.359	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
22.20	0.350	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
22.23	0.340	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
22.27	0.329	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
22.30	0.318	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
22.33	0.307	311.87	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
22.37	0.296	311.86	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
22.40	0.284	311.86	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
22.43	0.272	311.86	0.358	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
22.47	0.271	311.86	0.358	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
22.50	0.270	311.86	0.358	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
22.53	0.269	311.86	0.358	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
22.57	0.268	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
22.60	0.267	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
22.63	0.266	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
22.67	0.265	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
22.70	0.264	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
22.73	0.263	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
22.77	0.262	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
22.80	0.261	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
22.83	0.261	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
22.87	0.260	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
22.90	0.259	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
22.93	0.258	311.86	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
22.97	0.257	311.85	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
23.00	0.256	311.85	0.356	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
23.03	0.255	311.85	0.356	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
23.07	0.254	311.85	0.356	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
23.10	0.253	311.85	0.356	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
23.13	0.252	311.85	0.356	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
23.17	0.251	311.85	0.356	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
23.20	0.250	311.85	0.356	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.23	0.249	311.85	0.356	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.27	0.248	311.85	0.356	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.30	0.247	311.85	0.356	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.33	0.246	311.85	0.356	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.37	0.245	311.85	0.355	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.40	0.244	311.85	0.355	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.43	0.243	311.85	0.355	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.47	0.242	311.85	0.355	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.50	0.241	311.84	0.355	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.53	0.240	311.84	0.355	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.57	0.240	311.84	0.355	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.60	0.239	311.84	0.355	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.63	0.238	311.84	0.355	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.67	0.237	311.84	0.355	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.70	0.236	311.84	0.354	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.73	0.235	311.84	0.354	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.77	0.234	311.84	0.354	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.80	0.233	311.84	0.354	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
23.83	0.232	311.84	0.354	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
23.87	0.231	311.84	0.354	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
23.90	0.230	311.84	0.354	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
23.93	0.229	311.84	0.354	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
23.97	0.228	311.83	0.354	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
24.00	0.227	311.83	0.353	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
24.03	0.219	311.83	0.353	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
24.07	0.205	311.83	0.353	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
24.10	0.183	311.83	0.353	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
24.13	0.155	311.83	0.353	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
24.17	0.121	311.83	0.353	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
24.20	0.090	311.83	0.352	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
24.23	0.064	311.83	0.352	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
24.27	0.043	311.82	0.352	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
24.30	0.026	311.82	0.352	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
24.33	0.013	311.82	0.351	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
24.37	0.004	311.82	0.351	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
24.40	0.000	311.81	0.351	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
24.43	0.000	311.81	0.350	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
24.47	0.000	311.81	0.350	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
24.50	0.000	311.81	0.350	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
24.53	0.000	311.81	0.349	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
24.57	0.000	311.80	0.349	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
24.60	0.000	311.80	0.349	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
24.63	0.000	311.80	0.349	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
24.67	0.000	311.80	0.349	0.348	-----	-----	-----	-----	-----	-----	-----	0.348

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.70	0.000	311.80	0.349	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
24.73	0.000	311.79	0.349	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
24.77	0.000	311.79	0.349	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
24.80	0.000	311.79	0.349	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
24.83	0.000	311.79	0.349	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
24.87	0.000	311.78	0.348	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
24.90	0.000	311.78	0.348	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
24.93	0.000	311.78	0.348	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
24.97	0.000	311.78	0.348	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
25.00	0.000	311.78	0.348	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
25.03	0.000	311.77	0.348	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
25.07	0.000	311.77	0.348	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
25.10	0.000	311.77	0.348	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
25.13	0.000	311.77	0.348	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
25.17	0.000	311.76	0.348	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
25.20	0.000	311.76	0.348	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
25.23	0.000	311.76	0.348	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
25.27	0.000	311.76	0.348	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
25.30	0.000	311.76	0.348	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
25.33	0.000	311.75	0.348	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
25.37	0.000	311.75	0.348	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
25.40	0.000	311.75	0.348	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
25.43	0.000	311.75	0.348	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
25.47	0.000	311.75	0.348	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
25.50	0.000	311.74	0.348	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
25.53	0.000	311.74	0.348	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
25.57	0.000	311.74	0.348	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
25.60	0.000	311.74	0.348	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
25.63	0.000	311.73	0.348	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
25.67	0.000	311.73	0.348	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
25.70	0.000	311.73	0.348	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
25.73	0.000	311.73	0.348	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
25.77	0.000	311.73	0.348	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
25.80	0.000	311.72	0.348	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
25.83	0.000	311.72	0.348	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
25.87	0.000	311.72	0.348	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
25.90	0.000	311.72	0.348	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
25.93	0.000	311.72	0.348	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
25.97	0.000	311.71	0.348	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
26.00	0.000	311.71	0.348	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
26.03	0.000	311.71	0.348	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
26.07	0.000	311.71	0.348	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
26.10	0.000	311.70	0.348	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
26.13	0.000	311.70	0.348	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
26.17	0.000	311.70	0.348	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
26.20	0.000	311.70	0.348	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
26.23	0.000	311.70	0.348	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
26.27	0.000	311.69	0.348	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
26.30	0.000	311.69	0.348	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
26.33	0.000	311.69	0.348	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
26.37	0.000	311.69	0.348	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
26.40	0.000	311.69	0.348	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
26.43	0.000	311.68	0.348	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
26.47	0.000	311.68	0.348	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
26.50	0.000	311.68	0.348	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
26.53	0.000	311.68	0.348	0.338	-----	-----	-----	-----	-----	-----	-----	0.338

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
26.57	0.000	311.67	0.348	0.338	-----	-----	-----	-----	-----	-----	-----	0.338
26.60	0.000	311.67	0.348	0.338	-----	-----	-----	-----	-----	-----	-----	0.338
26.63	0.000	311.67	0.348	0.338	-----	-----	-----	-----	-----	-----	-----	0.338
26.67	0.000	311.67	0.348	0.338	-----	-----	-----	-----	-----	-----	-----	0.338
26.70	0.000	311.67	0.348	0.338	-----	-----	-----	-----	-----	-----	-----	0.338
26.73	0.000	311.66	0.348	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
26.77	0.000	311.66	0.348	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
26.80	0.000	311.66	0.348	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
26.83	0.000	311.66	0.348	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
26.87	0.000	311.66	0.348	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
26.90	0.000	311.65	0.348	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
26.93	0.000	311.65	0.348	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
26.97	0.000	311.65	0.348	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
27.00	0.000	311.65	0.348	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
27.03	0.000	311.65	0.348	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
27.07	0.000	311.64	0.348	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
27.10	0.000	311.64	0.348	0.335	-----	-----	-----	-----	-----	-----	-----	0.335
27.13	0.000	311.64	0.348	0.335	-----	-----	-----	-----	-----	-----	-----	0.335
27.17	0.000	311.64	0.348	0.335	-----	-----	-----	-----	-----	-----	-----	0.335
27.20	0.000	311.63	0.348	0.335	-----	-----	-----	-----	-----	-----	-----	0.335
27.23	0.000	311.63	0.348	0.335	-----	-----	-----	-----	-----	-----	-----	0.335
27.27	0.000	311.63	0.348	0.335	-----	-----	-----	-----	-----	-----	-----	0.335
27.30	0.000	311.63	0.348	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
27.33	0.000	311.63	0.348	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
27.37	0.000	311.62	0.348	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
27.40	0.000	311.62	0.348	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
27.43	0.000	311.62	0.348	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
27.47	0.000	311.62	0.348	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
27.50	0.000	311.62	0.348	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
27.53	0.000	311.61	0.348	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
27.57	0.000	311.61	0.348	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
27.60	0.000	311.61	0.347	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
27.63	0.000	311.61	0.347	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
27.67	0.000	311.61	0.347	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
27.70	0.000	311.60	0.347	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
27.73	0.000	311.60	0.347	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
27.77	0.000	311.60	0.347	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
27.80	0.000	311.60	0.347	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
27.83	0.000	311.60	0.347	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
27.87	0.000	311.59	0.346	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
27.90	0.000	311.59	0.346	0.331	-----	-----	-----	-----	-----	-----	-----	0.331
27.93	0.000	311.59	0.346	0.331	-----	-----	-----	-----	-----	-----	-----	0.331
27.97	0.000	311.59	0.346	0.331	-----	-----	-----	-----	-----	-----	-----	0.331
28.00	0.000	311.58	0.345	0.331	-----	-----	-----	-----	-----	-----	-----	0.331
28.03	0.000	311.58	0.345	0.331	-----	-----	-----	-----	-----	-----	-----	0.331
28.07	0.000	311.58	0.345	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
28.10	0.000	311.58	0.344	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
28.13	0.000	311.58	0.344	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
28.17	0.000	311.57	0.344	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
28.20	0.000	311.57	0.344	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
28.23	0.000	311.57	0.343	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
28.27	0.000	311.57	0.343	0.329	-----	-----	-----	-----	-----	-----	-----	0.329
28.30	0.000	311.57	0.343	0.329	-----	-----	-----	-----	-----	-----	-----	0.329
28.33	0.000	311.56	0.342	0.329	-----	-----	-----	-----	-----	-----	-----	0.329
28.37	0.000	311.56	0.342	0.329	-----	-----	-----	-----	-----	-----	-----	0.329
28.40	0.000	311.56	0.342	0.329	-----	-----	-----	-----	-----	-----	-----	0.329

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
28.43	0.000	311.56	0.341	0.328	-----	-----	-----	-----	-----	-----	-----	0.328
28.47	0.000	311.56	0.341	0.328	-----	-----	-----	-----	-----	-----	-----	0.328
28.50	0.000	311.55	0.341	0.328	-----	-----	-----	-----	-----	-----	-----	0.328
28.53	0.000	311.55	0.341	0.328	-----	-----	-----	-----	-----	-----	-----	0.328
28.57	0.000	311.55	0.340	0.328	-----	-----	-----	-----	-----	-----	-----	0.328
28.60	0.000	311.55	0.340	0.328	-----	-----	-----	-----	-----	-----	-----	0.328
28.63	0.000	311.55	0.340	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
28.67	0.000	311.54	0.339	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
28.70	0.000	311.54	0.339	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
28.73	0.000	311.54	0.339	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
28.77	0.000	311.54	0.339	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
28.80	0.000	311.54	0.338	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
28.83	0.000	311.53	0.338	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
28.87	0.000	311.53	0.338	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
28.90	0.000	311.53	0.337	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
28.93	0.000	311.53	0.337	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
28.97	0.000	311.53	0.337	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
29.00	0.000	311.52	0.337	0.325	-----	-----	-----	-----	-----	-----	-----	0.325
29.03	0.000	311.52	0.336	0.325	-----	-----	-----	-----	-----	-----	-----	0.325
29.07	0.000	311.52	0.336	0.325	-----	-----	-----	-----	-----	-----	-----	0.325
29.10	0.000	311.52	0.336	0.325	-----	-----	-----	-----	-----	-----	-----	0.325
29.13	0.000	311.52	0.335	0.325	-----	-----	-----	-----	-----	-----	-----	0.325
29.17	0.000	311.51	0.335	0.325	-----	-----	-----	-----	-----	-----	-----	0.325
29.20	0.000	311.51	0.335	0.324	-----	-----	-----	-----	-----	-----	-----	0.324
29.23	0.000	311.51	0.335	0.324	-----	-----	-----	-----	-----	-----	-----	0.324
29.27	0.000	311.51	0.334	0.324	-----	-----	-----	-----	-----	-----	-----	0.324
29.30	0.000	311.50	0.334	0.324	-----	-----	-----	-----	-----	-----	-----	0.324
29.33	0.000	311.50	0.334	0.324	-----	-----	-----	-----	-----	-----	-----	0.324
29.37	0.000	311.50	0.333	0.324	-----	-----	-----	-----	-----	-----	-----	0.324
29.40	0.000	311.50	0.333	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
29.43	0.000	311.50	0.333	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
29.47	0.000	311.49	0.333	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
29.50	0.000	311.49	0.332	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
29.53	0.000	311.49	0.332	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
29.57	0.000	311.49	0.332	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
29.60	0.000	311.49	0.331	0.322	-----	-----	-----	-----	-----	-----	-----	0.322
29.63	0.000	311.48	0.331	0.322	-----	-----	-----	-----	-----	-----	-----	0.322
29.67	0.000	311.48	0.331	0.322	-----	-----	-----	-----	-----	-----	-----	0.322
29.70	0.000	311.48	0.331	0.322	-----	-----	-----	-----	-----	-----	-----	0.322
29.73	0.000	311.48	0.330	0.322	-----	-----	-----	-----	-----	-----	-----	0.322
29.77	0.000	311.48	0.330	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
29.80	0.000	311.47	0.330	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
29.83	0.000	311.47	0.329	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
29.87	0.000	311.47	0.329	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
29.90	0.000	311.47	0.329	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
29.93	0.000	311.47	0.329	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
29.97	0.000	311.46	0.328	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
30.00	0.000	311.46	0.328	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
30.03	0.000	311.46	0.328	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
30.07	0.000	311.46	0.327	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
30.10	0.000	311.46	0.327	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
30.13	0.000	311.45	0.327	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
30.17	0.000	311.45	0.327	0.319	-----	-----	-----	-----	-----	-----	-----	0.319
30.20	0.000	311.45	0.326	0.319	-----	-----	-----	-----	-----	-----	-----	0.319
30.23	0.000	311.45	0.326	0.319	-----	-----	-----	-----	-----	-----	-----	0.319
30.27	0.000	311.45	0.326	0.319	-----	-----	-----	-----	-----	-----	-----	0.319

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.30	0.000	311.44	0.325	0.319	-----	-----	-----	-----	-----	-----	-----	0.319
30.33	0.000	311.44	0.325	0.319	-----	-----	-----	-----	-----	-----	-----	0.319
30.37	0.000	311.44	0.325	0.318	-----	-----	-----	-----	-----	-----	-----	0.318
30.40	0.000	311.44	0.325	0.318	-----	-----	-----	-----	-----	-----	-----	0.318
30.43	0.000	311.44	0.324	0.318	-----	-----	-----	-----	-----	-----	-----	0.318
30.47	0.000	311.43	0.324	0.318	-----	-----	-----	-----	-----	-----	-----	0.318
30.50	0.000	311.43	0.324	0.318	-----	-----	-----	-----	-----	-----	-----	0.318
30.53	0.000	311.43	0.323	0.317	-----	-----	-----	-----	-----	-----	-----	0.317
30.57	0.000	311.43	0.323	0.317	-----	-----	-----	-----	-----	-----	-----	0.317
30.60	0.000	311.43	0.323	0.317	-----	-----	-----	-----	-----	-----	-----	0.317
30.63	0.000	311.42	0.323	0.317	-----	-----	-----	-----	-----	-----	-----	0.317
30.67	0.000	311.42	0.322	0.317	-----	-----	-----	-----	-----	-----	-----	0.317
30.70	0.000	311.42	0.322	0.317	-----	-----	-----	-----	-----	-----	-----	0.317
30.73	0.000	311.42	0.322	0.316	-----	-----	-----	-----	-----	-----	-----	0.316
30.77	0.000	311.42	0.321	0.316	-----	-----	-----	-----	-----	-----	-----	0.316
30.80	0.000	311.41	0.321	0.316	-----	-----	-----	-----	-----	-----	-----	0.316
30.83	0.000	311.41	0.321	0.316	-----	-----	-----	-----	-----	-----	-----	0.316
30.87	0.000	311.41	0.321	0.316	-----	-----	-----	-----	-----	-----	-----	0.316
30.90	0.000	311.41	0.320	0.316	-----	-----	-----	-----	-----	-----	-----	0.316
30.93	0.000	311.41	0.320	0.315	-----	-----	-----	-----	-----	-----	-----	0.315
30.97	0.000	311.40	0.320	0.315	-----	-----	-----	-----	-----	-----	-----	0.315
31.00	0.000	311.40	0.319	0.315	-----	-----	-----	-----	-----	-----	-----	0.315
31.03	0.000	311.40	0.319	0.315	-----	-----	-----	-----	-----	-----	-----	0.315
31.07	0.000	311.40	0.319	0.315	-----	-----	-----	-----	-----	-----	-----	0.315
31.10	0.000	311.40	0.319	0.315	-----	-----	-----	-----	-----	-----	-----	0.315
31.13	0.000	311.39	0.319	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
31.17	0.000	311.39	0.318	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
31.20	0.000	311.39	0.318	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
31.23	0.000	311.39	0.318	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
31.27	0.000	311.39	0.318	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
31.30	0.000	311.39	0.317	0.313	-----	-----	-----	-----	-----	-----	-----	0.313
31.33	0.000	311.38	0.317	0.313	-----	-----	-----	-----	-----	-----	-----	0.313
31.37	0.000	311.38	0.317	0.313	-----	-----	-----	-----	-----	-----	-----	0.313
31.40	0.000	311.38	0.317	0.313	-----	-----	-----	-----	-----	-----	-----	0.313
31.43	0.000	311.38	0.317	0.313	-----	-----	-----	-----	-----	-----	-----	0.313
31.47	0.000	311.38	0.316	0.313	-----	-----	-----	-----	-----	-----	-----	0.313
31.50	0.000	311.37	0.316	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
31.53	0.000	311.37	0.316	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
31.57	0.000	311.37	0.316	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
31.60	0.000	311.37	0.315	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
31.63	0.000	311.37	0.315	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
31.67	0.000	311.36	0.315	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
31.70	0.000	311.36	0.315	0.311	-----	-----	-----	-----	-----	-----	-----	0.311
31.73	0.000	311.36	0.315	0.311	-----	-----	-----	-----	-----	-----	-----	0.311
31.77	0.000	311.36	0.314	0.311	-----	-----	-----	-----	-----	-----	-----	0.311
31.80	0.000	311.36	0.314	0.311	-----	-----	-----	-----	-----	-----	-----	0.311
31.83	0.000	311.35	0.314	0.311	-----	-----	-----	-----	-----	-----	-----	0.311
31.87	0.000	311.35	0.314	0.310	-----	-----	-----	-----	-----	-----	-----	0.310
31.90	0.000	311.35	0.313	0.310	-----	-----	-----	-----	-----	-----	-----	0.310
31.93	0.000	311.35	0.313	0.310	-----	-----	-----	-----	-----	-----	-----	0.310
31.97	0.000	311.35	0.313	0.310	-----	-----	-----	-----	-----	-----	-----	0.310
32.00	0.000	311.34	0.313	0.310	-----	-----	-----	-----	-----	-----	-----	0.310
32.03	0.000	311.34	0.313	0.310	-----	-----	-----	-----	-----	-----	-----	0.310
32.07	0.000	311.34	0.312	0.309	-----	-----	-----	-----	-----	-----	-----	0.309
32.10	0.000	311.34	0.312	0.309	-----	-----	-----	-----	-----	-----	-----	0.309
32.13	0.000	311.34	0.312	0.309	-----	-----	-----	-----	-----	-----	-----	0.309

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.17	0.000	311.33	0.312	0.309	-----	-----	-----	-----	-----	-----	-----	0.309
32.20	0.000	311.33	0.312	0.309	-----	-----	-----	-----	-----	-----	-----	0.309
32.23	0.000	311.33	0.311	0.309	-----	-----	-----	-----	-----	-----	-----	0.309
32.27	0.000	311.33	0.311	0.308	-----	-----	-----	-----	-----	-----	-----	0.308
32.30	0.000	311.33	0.311	0.308	-----	-----	-----	-----	-----	-----	-----	0.308
32.33	0.000	311.32	0.311	0.308	-----	-----	-----	-----	-----	-----	-----	0.308
32.37	0.000	311.32	0.310	0.308	-----	-----	-----	-----	-----	-----	-----	0.308
32.40	0.000	311.32	0.310	0.308	-----	-----	-----	-----	-----	-----	-----	0.308
32.43	0.000	311.32	0.310	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
32.47	0.000	311.32	0.310	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
32.50	0.000	311.32	0.310	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
32.53	0.000	311.31	0.309	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
32.57	0.000	311.31	0.309	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
32.60	0.000	311.31	0.309	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
32.63	0.000	311.31	0.309	0.306	-----	-----	-----	-----	-----	-----	-----	0.306
32.67	0.000	311.31	0.308	0.306	-----	-----	-----	-----	-----	-----	-----	0.306
32.70	0.000	311.30	0.308	0.306	-----	-----	-----	-----	-----	-----	-----	0.306
32.73	0.000	311.30	0.308	0.306	-----	-----	-----	-----	-----	-----	-----	0.306
32.77	0.000	311.30	0.308	0.306	-----	-----	-----	-----	-----	-----	-----	0.306
32.80	0.000	311.30	0.308	0.306	-----	-----	-----	-----	-----	-----	-----	0.306
32.83	0.000	311.30	0.307	0.305	-----	-----	-----	-----	-----	-----	-----	0.305
32.87	0.000	311.29	0.307	0.305	-----	-----	-----	-----	-----	-----	-----	0.305
32.90	0.000	311.29	0.307	0.305	-----	-----	-----	-----	-----	-----	-----	0.305
32.93	0.000	311.29	0.307	0.305	-----	-----	-----	-----	-----	-----	-----	0.305
32.97	0.000	311.29	0.307	0.305	-----	-----	-----	-----	-----	-----	-----	0.305
33.00	0.000	311.29	0.306	0.304	-----	-----	-----	-----	-----	-----	-----	0.304
33.03	0.000	311.28	0.306	0.304	-----	-----	-----	-----	-----	-----	-----	0.304
33.07	0.000	311.28	0.306	0.304	-----	-----	-----	-----	-----	-----	-----	0.304
33.10	0.000	311.28	0.306	0.304	-----	-----	-----	-----	-----	-----	-----	0.304
33.13	0.000	311.28	0.305	0.304	-----	-----	-----	-----	-----	-----	-----	0.304
33.17	0.000	311.28	0.305	0.304	-----	-----	-----	-----	-----	-----	-----	0.304
33.20	0.000	311.28	0.305	0.303	-----	-----	-----	-----	-----	-----	-----	0.303
33.23	0.000	311.27	0.305	0.303	-----	-----	-----	-----	-----	-----	-----	0.303
33.27	0.000	311.27	0.305	0.303	-----	-----	-----	-----	-----	-----	-----	0.303
33.30	0.000	311.27	0.304	0.303	-----	-----	-----	-----	-----	-----	-----	0.303
33.33	0.000	311.27	0.304	0.303	-----	-----	-----	-----	-----	-----	-----	0.303
33.37	0.000	311.27	0.304	0.303	-----	-----	-----	-----	-----	-----	-----	0.303
33.40	0.000	311.26	0.304	0.302	-----	-----	-----	-----	-----	-----	-----	0.302
33.43	0.000	311.26	0.304	0.302	-----	-----	-----	-----	-----	-----	-----	0.302
33.47	0.000	311.26	0.303	0.302	-----	-----	-----	-----	-----	-----	-----	0.302
33.50	0.000	311.26	0.303	0.302	-----	-----	-----	-----	-----	-----	-----	0.302
33.53	0.000	311.26	0.303	0.302	-----	-----	-----	-----	-----	-----	-----	0.302
33.57	0.000	311.25	0.303	0.302	-----	-----	-----	-----	-----	-----	-----	0.302
33.60	0.000	311.25	0.302	0.301	-----	-----	-----	-----	-----	-----	-----	0.301
33.63	0.000	311.25	0.302	0.301	-----	-----	-----	-----	-----	-----	-----	0.301
33.67	0.000	311.25	0.302	0.301	-----	-----	-----	-----	-----	-----	-----	0.301
33.70	0.000	311.25	0.302	0.301	-----	-----	-----	-----	-----	-----	-----	0.301
33.73	0.000	311.24	0.302	0.301	-----	-----	-----	-----	-----	-----	-----	0.301
33.77	0.000	311.24	0.301	0.301	-----	-----	-----	-----	-----	-----	-----	0.300
33.80	0.000	311.24	0.301	0.300	-----	-----	-----	-----	-----	-----	-----	0.300
33.83	0.000	311.24	0.301	0.300	-----	-----	-----	-----	-----	-----	-----	0.300
33.87	0.000	311.24	0.301	0.300	-----	-----	-----	-----	-----	-----	-----	0.300
33.90	0.000	311.24	0.301	0.300	-----	-----	-----	-----	-----	-----	-----	0.300
33.93	0.000	311.23	0.300	0.300	-----	-----	-----	-----	-----	-----	-----	0.300
33.97	0.000	311.23	0.300	0.299	-----	-----	-----	-----	-----	-----	-----	0.299
34.00	0.000	311.23	0.300	0.299	-----	-----	-----	-----	-----	-----	-----	0.299

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
34.03	0.000	311.23	0.300	0.299	-----	-----	-----	-----	-----	-----	-----	0.299
34.07	0.000	311.23	0.300	0.299	-----	-----	-----	-----	-----	-----	-----	0.299
34.10	0.000	311.22	0.299	0.299	-----	-----	-----	-----	-----	-----	-----	0.299
34.13	0.000	311.22	0.299	0.299	-----	-----	-----	-----	-----	-----	-----	0.299
34.17	0.000	311.22	0.299	0.298	-----	-----	-----	-----	-----	-----	-----	0.298
34.20	0.000	311.22	0.299	0.298	-----	-----	-----	-----	-----	-----	-----	0.298
34.23	0.000	311.22	0.298	0.298	-----	-----	-----	-----	-----	-----	-----	0.298
34.27	0.000	311.21	0.298	0.298	-----	-----	-----	-----	-----	-----	-----	0.298
34.30	0.000	311.21	0.298	0.298	-----	-----	-----	-----	-----	-----	-----	0.298
34.33	0.000	311.21	0.298	0.298	-----	-----	-----	-----	-----	-----	-----	0.298
34.37	0.000	311.21	0.298	0.297	-----	-----	-----	-----	-----	-----	-----	0.297
34.40	0.000	311.21	0.297	0.297	-----	-----	-----	-----	-----	-----	-----	0.297
34.43	0.000	311.21	0.297	0.297	-----	-----	-----	-----	-----	-----	-----	0.297
34.47	0.000	311.20	0.297	0.297	-----	-----	-----	-----	-----	-----	-----	0.297
34.50	0.000	311.20	0.297	0.297	-----	-----	-----	-----	-----	-----	-----	0.297
34.53	0.000	311.20	0.297	0.297	-----	-----	-----	-----	-----	-----	-----	0.297
34.57	0.000	311.20	0.297	0.296	-----	-----	-----	-----	-----	-----	-----	0.296
34.60	0.000	311.20	0.297	0.296	-----	-----	-----	-----	-----	-----	-----	0.296
34.63	0.000	311.19	0.296	0.296	-----	-----	-----	-----	-----	-----	-----	0.296
34.67	0.000	311.19	0.296	0.296	-----	-----	-----	-----	-----	-----	-----	0.296
34.70	0.000	311.19	0.296	0.296	-----	-----	-----	-----	-----	-----	-----	0.296
34.73	0.000	311.19	0.296	0.295	-----	-----	-----	-----	-----	-----	-----	0.295
34.77	0.000	311.19	0.296	0.295	-----	-----	-----	-----	-----	-----	-----	0.295
34.80	0.000	311.19	0.296	0.295	-----	-----	-----	-----	-----	-----	-----	0.295
34.83	0.000	311.18	0.296	0.295	-----	-----	-----	-----	-----	-----	-----	0.295
34.87	0.000	311.18	0.296	0.295	-----	-----	-----	-----	-----	-----	-----	0.295
34.90	0.000	311.18	0.296	0.295	-----	-----	-----	-----	-----	-----	-----	0.295
34.93	0.000	311.18	0.296	0.294	-----	-----	-----	-----	-----	-----	-----	0.294
34.97	0.000	311.18	0.296	0.294	-----	-----	-----	-----	-----	-----	-----	0.294
35.00	0.000	311.17	0.296	0.294	-----	-----	-----	-----	-----	-----	-----	0.294
35.03	0.000	311.17	0.296	0.294	-----	-----	-----	-----	-----	-----	-----	0.294
35.07	0.000	311.17	0.296	0.294	-----	-----	-----	-----	-----	-----	-----	0.294
35.10	0.000	311.17	0.296	0.294	-----	-----	-----	-----	-----	-----	-----	0.294
35.13	0.000	311.17	0.296	0.293	-----	-----	-----	-----	-----	-----	-----	0.293
35.17	0.000	311.16	0.296	0.293	-----	-----	-----	-----	-----	-----	-----	0.293
35.20	0.000	311.16	0.296	0.293	-----	-----	-----	-----	-----	-----	-----	0.293
35.23	0.000	311.16	0.296	0.293	-----	-----	-----	-----	-----	-----	-----	0.293
35.27	0.000	311.16	0.296	0.293	-----	-----	-----	-----	-----	-----	-----	0.293
35.30	0.000	311.16	0.296	0.292	-----	-----	-----	-----	-----	-----	-----	0.292
35.33	0.000	311.16	0.296	0.292	-----	-----	-----	-----	-----	-----	-----	0.292
35.37	0.000	311.15	0.296	0.292	-----	-----	-----	-----	-----	-----	-----	0.292
35.40	0.000	311.15	0.296	0.292	-----	-----	-----	-----	-----	-----	-----	0.292
35.43	0.000	311.15	0.296	0.292	-----	-----	-----	-----	-----	-----	-----	0.292
35.47	0.000	311.15	0.296	0.292	-----	-----	-----	-----	-----	-----	-----	0.292
35.50	0.000	311.15	0.295	0.291	-----	-----	-----	-----	-----	-----	-----	0.291
35.53	0.000	311.14	0.295	0.291	-----	-----	-----	-----	-----	-----	-----	0.291
35.57	0.000	311.14	0.295	0.291	-----	-----	-----	-----	-----	-----	-----	0.291
35.60	0.000	311.14	0.295	0.291	-----	-----	-----	-----	-----	-----	-----	0.291
35.63	0.000	311.14	0.295	0.291	-----	-----	-----	-----	-----	-----	-----	0.291
35.67	0.000	311.14	0.295	0.290	-----	-----	-----	-----	-----	-----	-----	0.290
35.70	0.000	311.14	0.295	0.290	-----	-----	-----	-----	-----	-----	-----	0.290
35.73	0.000	311.13	0.295	0.290	-----	-----	-----	-----	-----	-----	-----	0.290
35.77	0.000	311.13	0.295	0.290	-----	-----	-----	-----	-----	-----	-----	0.290
35.80	0.000	311.13	0.295	0.290	-----	-----	-----	-----	-----	-----	-----	0.290
35.83	0.000	311.13	0.295	0.290	-----	-----	-----	-----	-----	-----	-----	0.290
35.87	0.000	311.13	0.295	0.289	-----	-----	-----	-----	-----	-----	-----	0.289

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.90	0.000	311.12	0.295	0.289	-----	-----	-----	-----	-----	-----	-----	0.289
35.93	0.000	311.12	0.295	0.289	-----	-----	-----	-----	-----	-----	-----	0.289
35.97	0.000	311.12	0.295	0.289	-----	-----	-----	-----	-----	-----	-----	0.289
36.00	0.000	311.12	0.295	0.289	-----	-----	-----	-----	-----	-----	-----	0.289
36.03	0.000	311.12	0.295	0.289	-----	-----	-----	-----	-----	-----	-----	0.289
36.07	0.000	311.12	0.295	0.288	-----	-----	-----	-----	-----	-----	-----	0.288
36.10	0.000	311.11	0.295	0.288	-----	-----	-----	-----	-----	-----	-----	0.288
36.13	0.000	311.11	0.295	0.288	-----	-----	-----	-----	-----	-----	-----	0.288
36.17	0.000	311.11	0.295	0.288	-----	-----	-----	-----	-----	-----	-----	0.288
36.20	0.000	311.11	0.295	0.288	-----	-----	-----	-----	-----	-----	-----	0.288
36.23	0.000	311.11	0.295	0.287	-----	-----	-----	-----	-----	-----	-----	0.287
36.27	0.000	311.10	0.295	0.287	-----	-----	-----	-----	-----	-----	-----	0.287
36.30	0.000	311.10	0.295	0.287	-----	-----	-----	-----	-----	-----	-----	0.287
36.33	0.000	311.10	0.295	0.287	-----	-----	-----	-----	-----	-----	-----	0.287
36.37	0.000	311.10	0.295	0.287	-----	-----	-----	-----	-----	-----	-----	0.287
36.40	0.000	311.10	0.294	0.287	-----	-----	-----	-----	-----	-----	-----	0.287
36.43	0.000	311.10	0.294	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
36.47	0.000	311.09	0.294	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
36.50	0.000	311.09	0.294	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
36.53	0.000	311.09	0.294	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
36.57	0.000	311.09	0.294	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
36.60	0.000	311.09	0.294	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
36.63	0.000	311.09	0.294	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
36.67	0.000	311.08	0.294	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
36.70	0.000	311.08	0.294	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
36.73	0.000	311.08	0.294	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
36.77	0.000	311.08	0.294	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
36.80	0.000	311.08	0.294	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
36.83	0.000	311.07	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
36.87	0.000	311.07	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
36.90	0.000	311.07	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
36.93	0.000	311.07	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
36.97	0.000	311.07	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
37.00	0.000	311.07	0.294	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
37.03	0.000	311.06	0.294	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
37.07	0.000	311.06	0.294	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
37.10	0.000	311.06	0.294	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
37.13	0.000	311.06	0.294	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
37.17	0.000	311.06	0.294	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
37.20	0.000	311.05	0.294	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
37.23	0.000	311.05	0.294	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
37.27	0.000	311.05	0.294	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
37.30	0.000	311.05	0.293	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
37.33	0.000	311.05	0.293	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
37.37	0.000	311.05	0.293	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
37.40	0.000	311.04	0.293	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
37.43	0.000	311.04	0.293	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
37.47	0.000	311.04	0.293	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
37.50	0.000	311.04	0.293	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
37.53	0.000	311.04	0.293	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
37.57	0.000	311.04	0.293	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
37.60	0.000	311.03	0.293	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
37.63	0.000	311.03	0.293	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
37.67	0.000	311.03	0.293	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
37.70	0.000	311.03	0.293	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
37.73	0.000	311.03	0.293	0.280	-----	-----	-----	-----	-----	-----	-----	0.280

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
37.77	0.000	311.02	0.293	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
37.80	0.000	311.02	0.293	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
37.83	0.000	311.02	0.293	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
37.87	0.000	311.02	0.293	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
37.90	0.000	311.02	0.293	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
37.93	0.000	311.02	0.293	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
37.97	0.000	311.01	0.293	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
38.00	0.000	311.01	0.293	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
38.03	0.000	311.01	0.293	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
38.07	0.000	311.01	0.293	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
38.10	0.000	311.01	0.293	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
38.13	0.000	311.01	0.293	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
38.17	0.000	311.00	0.293	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
38.20	0.000	311.00	0.292	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
38.23	0.000	311.00	0.292	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
38.27	0.000	311.00	0.292	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
38.30	0.000	311.00	0.292	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
38.33	0.000	311.00	0.292	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
38.37	0.000	310.99	0.292	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
38.40	0.000	310.99	0.291	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
38.43	0.000	310.99	0.291	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
38.47	0.000	310.99	0.291	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
38.50	0.000	310.99	0.291	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
38.53	0.000	310.98	0.291	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
38.57	0.000	310.98	0.290	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
38.60	0.000	310.98	0.290	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
38.63	0.000	310.98	0.290	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
38.67	0.000	310.98	0.290	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
38.70	0.000	310.98	0.289	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
38.73	0.000	310.97	0.289	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
38.77	0.000	310.97	0.289	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
38.80	0.000	310.97	0.289	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
38.83	0.000	310.97	0.289	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
38.87	0.000	310.97	0.288	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
38.90	0.000	310.97	0.288	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
38.93	0.000	310.96	0.288	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
38.97	0.000	310.96	0.288	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
39.00	0.000	310.96	0.288	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
39.03	0.000	310.96	0.287	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
39.07	0.000	310.96	0.287	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
39.10	0.000	310.96	0.287	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
39.13	0.000	310.95	0.287	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
39.17	0.000	310.95	0.286	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
39.20	0.000	310.95	0.286	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
39.23	0.000	310.95	0.286	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
39.27	0.000	310.95	0.286	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
39.30	0.000	310.95	0.286	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
39.33	0.000	310.94	0.285	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
39.37	0.000	310.94	0.285	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
39.40	0.000	310.94	0.285	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
39.43	0.000	310.94	0.285	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
39.47	0.000	310.94	0.285	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
39.50	0.000	310.94	0.284	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
39.53	0.000	310.93	0.284	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
39.57	0.000	310.93	0.284	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
39.60	0.000	310.93	0.284	0.270	-----	-----	-----	-----	-----	-----	-----	0.270

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
39.63	0.000	310.93	0.283	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
39.67	0.000	310.93	0.283	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
39.70	0.000	310.93	0.283	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
39.73	0.000	310.92	0.283	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
39.77	0.000	310.92	0.283	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
39.80	0.000	310.92	0.282	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
39.83	0.000	310.92	0.282	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
39.87	0.000	310.92	0.282	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
39.90	0.000	310.92	0.282	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
39.93	0.000	310.91	0.282	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
39.97	0.000	310.91	0.281	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
40.00	0.000	310.91	0.281	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
40.03	0.000	310.91	0.281	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
40.07	0.000	310.91	0.281	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
40.10	0.000	310.91	0.281	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
40.13	0.000	310.90	0.280	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
40.17	0.000	310.90	0.280	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
40.20	0.000	310.90	0.280	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
40.23	0.000	310.90	0.280	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
40.27	0.000	310.90	0.279	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
40.30	0.000	310.90	0.279	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
40.33	0.000	310.89	0.279	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
40.37	0.000	310.89	0.279	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
40.40	0.000	310.89	0.279	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
40.43	0.000	310.89	0.278	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
40.47	0.000	310.89	0.278	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
40.50	0.000	310.89	0.278	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
40.53	0.000	310.88	0.278	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
40.57	0.000	310.88	0.278	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
40.60	0.000	310.88	0.277	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
40.63	0.000	310.88	0.277	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
40.67	0.000	310.88	0.277	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
40.70	0.000	310.88	0.277	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
40.73	0.000	310.87	0.277	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
40.77	0.000	310.87	0.276	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
40.80	0.000	310.87	0.276	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
40.83	0.000	310.87	0.276	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
40.87	0.000	310.87	0.276	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
40.90	0.000	310.87	0.276	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
40.93	0.000	310.86	0.275	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
40.97	0.000	310.86	0.275	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
41.00	0.000	310.86	0.275	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
41.03	0.000	310.86	0.275	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
41.07	0.000	310.86	0.275	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
41.10	0.000	310.86	0.274	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
41.13	0.000	310.85	0.274	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
41.17	0.000	310.85	0.274	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
41.20	0.000	310.85	0.274	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
41.23	0.000	310.85	0.273	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
41.27	0.000	310.85	0.273	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
41.30	0.000	310.85	0.273	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
41.33	0.000	310.84	0.273	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
41.37	0.000	310.84	0.273	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
41.40	0.000	310.84	0.272	0.260	-----	-----	-----	-----	-----	-----	-----	0.260
41.43	0.000	310.84	0.272	0.260	-----	-----	-----	-----	-----	-----	-----	0.260
41.47	0.000	310.84	0.272	0.260	-----	-----	-----	-----	-----	-----	-----	0.260

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.50	0.000	310.84	0.272	0.260	-----	-----	-----	-----	-----	-----	-----	0.260
41.53	0.000	310.83	0.272	0.260	-----	-----	-----	-----	-----	-----	-----	0.260
41.57	0.000	310.83	0.271	0.260	-----	-----	-----	-----	-----	-----	-----	0.260
41.60	0.000	310.83	0.271	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
41.63	0.000	310.83	0.271	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
41.67	0.000	310.83	0.271	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
41.70	0.000	310.83	0.271	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
41.73	0.000	310.82	0.270	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
41.77	0.000	310.82	0.270	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
41.80	0.000	310.82	0.270	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
41.83	0.000	310.82	0.270	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
41.87	0.000	310.82	0.270	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
41.90	0.000	310.82	0.269	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
41.93	0.000	310.81	0.269	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
41.97	0.000	310.81	0.269	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
42.00	0.000	310.81	0.269	0.257	-----	-----	-----	-----	-----	-----	-----	0.257
42.03	0.000	310.81	0.269	0.257	-----	-----	-----	-----	-----	-----	-----	0.257
42.07	0.000	310.81	0.268	0.257	-----	-----	-----	-----	-----	-----	-----	0.257
42.10	0.000	310.81	0.268	0.257	-----	-----	-----	-----	-----	-----	-----	0.257
42.13	0.000	310.81	0.268	0.257	-----	-----	-----	-----	-----	-----	-----	0.257
42.17	0.000	310.80	0.268	0.257	-----	-----	-----	-----	-----	-----	-----	0.257
42.20	0.000	310.80	0.268	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
42.23	0.000	310.80	0.267	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
42.27	0.000	310.80	0.267	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
42.30	0.000	310.80	0.267	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
42.33	0.000	310.80	0.267	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
42.37	0.000	310.79	0.267	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
42.40	0.000	310.79	0.266	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
42.43	0.000	310.79	0.266	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
42.47	0.000	310.79	0.266	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
42.50	0.000	310.79	0.266	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
42.53	0.000	310.79	0.266	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
42.57	0.000	310.78	0.266	0.254	-----	-----	-----	-----	-----	-----	-----	0.254
42.60	0.000	310.78	0.265	0.254	-----	-----	-----	-----	-----	-----	-----	0.254
42.63	0.000	310.78	0.265	0.254	-----	-----	-----	-----	-----	-----	-----	0.254
42.67	0.000	310.78	0.265	0.254	-----	-----	-----	-----	-----	-----	-----	0.254
42.70	0.000	310.78	0.265	0.254	-----	-----	-----	-----	-----	-----	-----	0.254
42.73	0.000	310.78	0.265	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
42.77	0.000	310.77	0.264	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
42.80	0.000	310.77	0.264	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
42.83	0.000	310.77	0.264	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
42.87	0.000	310.77	0.264	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
42.90	0.000	310.77	0.264	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
42.93	0.000	310.77	0.263	0.252	-----	-----	-----	-----	-----	-----	-----	0.252
42.97	0.000	310.77	0.263	0.252	-----	-----	-----	-----	-----	-----	-----	0.252
43.00	0.000	310.76	0.263	0.252	-----	-----	-----	-----	-----	-----	-----	0.252
43.03	0.000	310.76	0.263	0.252	-----	-----	-----	-----	-----	-----	-----	0.252
43.07	0.000	310.76	0.263	0.252	-----	-----	-----	-----	-----	-----	-----	0.252
43.10	0.000	310.76	0.263	0.251	-----	-----	-----	-----	-----	-----	-----	0.251
43.13	0.000	310.76	0.262	0.251	-----	-----	-----	-----	-----	-----	-----	0.251
43.17	0.000	310.76	0.262	0.251	-----	-----	-----	-----	-----	-----	-----	0.251
43.20	0.000	310.75	0.262	0.251	-----	-----	-----	-----	-----	-----	-----	0.251
43.23	0.000	310.75	0.262	0.251	-----	-----	-----	-----	-----	-----	-----	0.251
43.27	0.000	310.75	0.262	0.251	-----	-----	-----	-----	-----	-----	-----	0.251
43.30	0.000	310.75	0.261	0.250	-----	-----	-----	-----	-----	-----	-----	0.250
43.33	0.000	310.75	0.261	0.250	-----	-----	-----	-----	-----	-----	-----	0.250

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
43.37	0.000	310.75	0.261	0.250	-----	-----	-----	-----	-----	-----	-----	0.250
43.40	0.000	310.74	0.261	0.250	-----	-----	-----	-----	-----	-----	-----	0.250
43.43	0.000	310.74	0.261	0.250	-----	-----	-----	-----	-----	-----	-----	0.250
43.47	0.000	310.74	0.261	0.250	-----	-----	-----	-----	-----	-----	-----	0.250
43.50	0.000	310.74	0.260	0.249	-----	-----	-----	-----	-----	-----	-----	0.249
43.53	0.000	310.74	0.260	0.249	-----	-----	-----	-----	-----	-----	-----	0.249
43.57	0.000	310.74	0.260	0.249	-----	-----	-----	-----	-----	-----	-----	0.249
43.60	0.000	310.74	0.260	0.249	-----	-----	-----	-----	-----	-----	-----	0.249
43.63	0.000	310.73	0.260	0.249	-----	-----	-----	-----	-----	-----	-----	0.249
43.67	0.000	310.73	0.259	0.248	-----	-----	-----	-----	-----	-----	-----	0.248
43.70	0.000	310.73	0.259	0.248	-----	-----	-----	-----	-----	-----	-----	0.248
43.73	0.000	310.73	0.259	0.248	-----	-----	-----	-----	-----	-----	-----	0.248
43.77	0.000	310.73	0.259	0.248	-----	-----	-----	-----	-----	-----	-----	0.248
43.80	0.000	310.73	0.259	0.248	-----	-----	-----	-----	-----	-----	-----	0.248
43.83	0.000	310.72	0.259	0.248	-----	-----	-----	-----	-----	-----	-----	0.248
43.87	0.000	310.72	0.258	0.247	-----	-----	-----	-----	-----	-----	-----	0.247
43.90	0.000	310.72	0.258	0.247	-----	-----	-----	-----	-----	-----	-----	0.247
43.93	0.000	310.72	0.258	0.247	-----	-----	-----	-----	-----	-----	-----	0.247
43.97	0.000	310.72	0.258	0.247	-----	-----	-----	-----	-----	-----	-----	0.247
44.00	0.000	310.72	0.258	0.247	-----	-----	-----	-----	-----	-----	-----	0.247
44.03	0.000	310.72	0.257	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
44.07	0.000	310.71	0.257	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
44.10	0.000	310.71	0.257	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
44.13	0.000	310.71	0.257	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
44.17	0.000	310.71	0.257	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
44.20	0.000	310.71	0.257	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
44.23	0.000	310.71	0.256	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
44.27	0.000	310.70	0.256	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
44.30	0.000	310.70	0.256	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
44.33	0.000	310.70	0.256	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
44.37	0.000	310.70	0.256	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
44.40	0.000	310.70	0.255	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
44.43	0.000	310.70	0.255	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
44.47	0.000	310.70	0.255	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
44.50	0.000	310.69	0.255	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
44.53	0.000	310.69	0.255	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
44.57	0.000	310.69	0.255	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
44.60	0.000	310.69	0.254	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
44.63	0.000	310.69	0.254	0.243	-----	-----	-----	-----	-----	-----	-----	0.243
44.67	0.000	310.69	0.254	0.243	-----	-----	-----	-----	-----	-----	-----	0.243
44.70	0.000	310.68	0.254	0.243	-----	-----	-----	-----	-----	-----	-----	0.243
44.73	0.000	310.68	0.254	0.243	-----	-----	-----	-----	-----	-----	-----	0.243
44.77	0.000	310.68	0.253	0.243	-----	-----	-----	-----	-----	-----	-----	0.243
44.80	0.000	310.68	0.253	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
44.83	0.000	310.68	0.253	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
44.87	0.000	310.68	0.253	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
44.90	0.000	310.68	0.253	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
44.93	0.000	310.67	0.253	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
44.97	0.000	310.67	0.252	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
45.00	0.000	310.67	0.252	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
45.03	0.000	310.67	0.252	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
45.07	0.000	310.67	0.252	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
45.10	0.000	310.67	0.252	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
45.13	0.000	310.66	0.252	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
45.17	0.000	310.66	0.251	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
45.20	0.000	310.66	0.251	0.240	-----	-----	-----	-----	-----	-----	-----	0.240

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
45.23	0.000	310.66	0.251	0.240	-----	-----	-----	-----	-----	-----	-----	0.240
45.27	0.000	310.66	0.251	0.240	-----	-----	-----	-----	-----	-----	-----	0.240
45.30	0.000	310.66	0.251	0.240	-----	-----	-----	-----	-----	-----	-----	0.240
45.33	0.000	310.66	0.250	0.240	-----	-----	-----	-----	-----	-----	-----	0.240
45.37	0.000	310.65	0.250	0.240	-----	-----	-----	-----	-----	-----	-----	0.240
45.40	0.000	310.65	0.250	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
45.43	0.000	310.65	0.250	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
45.47	0.000	310.65	0.250	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
45.50	0.000	310.65	0.250	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
45.53	0.000	310.65	0.249	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
45.57	0.000	310.65	0.249	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
45.60	0.000	310.64	0.249	0.238	-----	-----	-----	-----	-----	-----	-----	0.238
45.63	0.000	310.64	0.249	0.238	-----	-----	-----	-----	-----	-----	-----	0.238
45.67	0.000	310.64	0.249	0.238	-----	-----	-----	-----	-----	-----	-----	0.238
45.70	0.000	310.64	0.249	0.238	-----	-----	-----	-----	-----	-----	-----	0.238
45.73	0.000	310.64	0.248	0.238	-----	-----	-----	-----	-----	-----	-----	0.238
45.77	0.000	310.64	0.248	0.238	-----	-----	-----	-----	-----	-----	-----	0.238
45.80	0.000	310.63	0.248	0.237	-----	-----	-----	-----	-----	-----	-----	0.237
45.83	0.000	310.63	0.248	0.237	-----	-----	-----	-----	-----	-----	-----	0.237
45.87	0.000	310.63	0.248	0.237	-----	-----	-----	-----	-----	-----	-----	0.237
45.90	0.000	310.63	0.247	0.237	-----	-----	-----	-----	-----	-----	-----	0.237
45.93	0.000	310.63	0.247	0.237	-----	-----	-----	-----	-----	-----	-----	0.237
45.97	0.000	310.63	0.247	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
46.00	0.000	310.63	0.247	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
46.03	0.000	310.62	0.247	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
46.07	0.000	310.62	0.247	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
46.10	0.000	310.62	0.246	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
46.13	0.000	310.62	0.246	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
46.17	0.000	310.62	0.246	0.235	-----	-----	-----	-----	-----	-----	-----	0.235
46.20	0.000	310.62	0.246	0.235	-----	-----	-----	-----	-----	-----	-----	0.235
46.23	0.000	310.62	0.246	0.235	-----	-----	-----	-----	-----	-----	-----	0.235
46.27	0.000	310.61	0.246	0.235	-----	-----	-----	-----	-----	-----	-----	0.235
46.30	0.000	310.61	0.245	0.235	-----	-----	-----	-----	-----	-----	-----	0.235
46.33	0.000	310.61	0.245	0.235	-----	-----	-----	-----	-----	-----	-----	0.235
46.37	0.000	310.61	0.245	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
46.40	0.000	310.61	0.245	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
46.43	0.000	310.61	0.245	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
46.47	0.000	310.61	0.245	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
46.50	0.000	310.60	0.244	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
46.53	0.000	310.60	0.244	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
46.57	0.000	310.60	0.244	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
46.60	0.000	310.60	0.244	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
46.63	0.000	310.60	0.244	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
46.67	0.000	310.60	0.244	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
46.70	0.000	310.60	0.243	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
46.73	0.000	310.59	0.243	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
46.77	0.000	310.59	0.243	0.232	-----	-----	-----	-----	-----	-----	-----	0.232
46.80	0.000	310.59	0.243	0.232	-----	-----	-----	-----	-----	-----	-----	0.232
46.83	0.000	310.59	0.243	0.232	-----	-----	-----	-----	-----	-----	-----	0.232
46.87	0.000	310.59	0.243	0.232	-----	-----	-----	-----	-----	-----	-----	0.232
46.90	0.000	310.59	0.242	0.232	-----	-----	-----	-----	-----	-----	-----	0.232
46.93	0.000	310.59	0.242	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
46.97	0.000	310.58	0.242	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
47.00	0.000	310.58	0.242	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
47.03	0.000	310.58	0.242	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
47.07	0.000	310.58	0.242	0.231	-----	-----	-----	-----	-----	-----	-----	0.231

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
47.10	0.000	310.58	0.241	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
47.13	0.000	310.58	0.241	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
47.17	0.000	310.57	0.241	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
47.20	0.000	310.57	0.241	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
47.23	0.000	310.57	0.241	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
47.27	0.000	310.57	0.241	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
47.30	0.000	310.57	0.240	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
47.33	0.000	310.57	0.240	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
47.37	0.000	310.57	0.240	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
47.40	0.000	310.56	0.240	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
47.43	0.000	310.56	0.240	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
47.47	0.000	310.56	0.240	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
47.50	0.000	310.56	0.240	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
47.53	0.000	310.56	0.239	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
47.57	0.000	310.56	0.239	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
47.60	0.000	310.56	0.239	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
47.63	0.000	310.55	0.239	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
47.67	0.000	310.55	0.239	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
47.70	0.000	310.55	0.239	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
47.73	0.000	310.55	0.238	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
47.77	0.000	310.55	0.238	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
47.80	0.000	310.55	0.238	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
47.83	0.000	310.55	0.238	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
47.87	0.000	310.54	0.238	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
47.90	0.000	310.54	0.238	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
47.93	0.000	310.54	0.238	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
47.97	0.000	310.54	0.237	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
48.00	0.000	310.54	0.237	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
48.03	0.000	310.54	0.237	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
48.07	0.000	310.54	0.237	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
48.10	0.000	310.53	0.237	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
48.13	0.000	310.53	0.237	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
48.17	0.000	310.53	0.236	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
48.20	0.000	310.53	0.236	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
48.23	0.000	310.53	0.236	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
48.27	0.000	310.53	0.236	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
48.30	0.000	310.53	0.236	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
48.33	0.000	310.53	0.236	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
48.37	0.000	310.52	0.235	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
48.40	0.000	310.52	0.235	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
48.43	0.000	310.52	0.235	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
48.47	0.000	310.52	0.235	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
48.50	0.000	310.52	0.235	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
48.53	0.000	310.52	0.235	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
48.57	0.000	310.52	0.235	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
48.60	0.000	310.51	0.234	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
48.63	0.000	310.51	0.234	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
48.67	0.000	310.51	0.234	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
48.70	0.000	310.51	0.234	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
48.73	0.000	310.51	0.234	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
48.77	0.000	310.51	0.234	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
48.80	0.000	310.51	0.233	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
48.83	0.000	310.50	0.233	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
48.87	0.000	310.50	0.233	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
48.90	0.000	310.50	0.233	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
48.93	0.000	310.50	0.233	0.221	-----	-----	-----	-----	-----	-----	-----	0.221

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
48.97	0.000	310.50	0.233	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
49.00	0.000	310.50	0.233	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
49.03	0.000	310.50	0.232	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
49.07	0.000	310.49	0.232	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
49.10	0.000	310.49	0.232	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
49.13	0.000	310.49	0.232	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
49.17	0.000	310.49	0.232	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
49.20	0.000	310.49	0.232	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
49.23	0.000	310.49	0.232	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
49.27	0.000	310.49	0.231	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
49.30	0.000	310.48	0.231	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
49.33	0.000	310.48	0.231	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
49.37	0.000	310.48	0.231	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
49.40	0.000	310.48	0.231	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
49.43	0.000	310.48	0.231	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
49.47	0.000	310.48	0.230	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
49.50	0.000	310.48	0.230	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
49.53	0.000	310.48	0.230	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
49.57	0.000	310.47	0.230	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
49.60	0.000	310.47	0.230	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
49.63	0.000	310.47	0.230	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
49.67	0.000	310.47	0.230	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
49.70	0.000	310.47	0.229	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
49.73	0.000	310.47	0.229	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
49.77	0.000	310.47	0.229	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
49.80	0.000	310.46	0.229	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
49.83	0.000	310.46	0.229	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
49.87	0.000	310.46	0.229	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
49.90	0.000	310.46	0.229	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
49.93	0.000	310.46	0.228	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
49.97	0.000	310.46	0.228	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
50.00	0.000	310.46	0.228	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
50.03	0.000	310.46	0.228	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
50.07	0.000	310.45	0.228	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
50.10	0.000	310.45	0.228	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
50.13	0.000	310.45	0.227	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
50.17	0.000	310.45	0.227	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
50.20	0.000	310.45	0.227	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
50.23	0.000	310.45	0.227	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
50.27	0.000	310.45	0.227	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
50.30	0.000	310.44	0.227	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
50.33	0.000	310.44	0.227	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
50.37	0.000	310.44	0.226	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
50.40	0.000	310.44	0.226	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
50.43	0.000	310.44	0.226	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
50.47	0.000	310.44	0.226	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
50.50	0.000	310.44	0.226	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
50.53	0.000	310.43	0.226	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
50.57	0.000	310.43	0.226	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
50.60	0.000	310.43	0.225	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
50.63	0.000	310.43	0.225	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
50.67	0.000	310.43	0.225	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
50.70	0.000	310.43	0.225	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
50.73	0.000	310.43	0.225	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
50.77	0.000	310.43	0.225	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
50.80	0.000	310.42	0.225	0.211	-----	-----	-----	-----	-----	-----	-----	0.211

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
50.83	0.000	310.42	0.224	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
50.87	0.000	310.42	0.224	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
50.90	0.000	310.42	0.224	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
50.93	0.000	310.42	0.224	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
50.97	0.000	310.42	0.224	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
51.00	0.000	310.42	0.224	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
51.03	0.000	310.42	0.224	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
51.07	0.000	310.41	0.223	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
51.10	0.000	310.41	0.223	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
51.13	0.000	310.41	0.223	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
51.17	0.000	310.41	0.223	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
51.20	0.000	310.41	0.223	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
51.23	0.000	310.41	0.223	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
51.27	0.000	310.41	0.222	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
51.30	0.000	310.40	0.222	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
51.33	0.000	310.40	0.222	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
51.37	0.000	310.40	0.222	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
51.40	0.000	310.40	0.222	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
51.43	0.000	310.40	0.222	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
51.47	0.000	310.40	0.221	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
51.50	0.000	310.40	0.221	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
51.53	0.000	310.40	0.221	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
51.57	0.000	310.39	0.221	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
51.60	0.000	310.39	0.220	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
51.63	0.000	310.39	0.220	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
51.67	0.000	310.39	0.220	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
51.70	0.000	310.39	0.220	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
51.73	0.000	310.39	0.219	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
51.77	0.000	310.39	0.219	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
51.80	0.000	310.39	0.219	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
51.83	0.000	310.38	0.219	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
51.87	0.000	310.38	0.218	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
51.90	0.000	310.38	0.218	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
51.93	0.000	310.38	0.218	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
51.97	0.000	310.38	0.218	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
52.00	0.000	310.38	0.217	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
52.03	0.000	310.38	0.217	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
52.07	0.000	310.37	0.217	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
52.10	0.000	310.37	0.217	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
52.13	0.000	310.37	0.216	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
52.17	0.000	310.37	0.216	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
52.20	0.000	310.37	0.216	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
52.23	0.000	310.37	0.216	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
52.27	0.000	310.37	0.215	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
52.30	0.000	310.37	0.215	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
52.33	0.000	310.36	0.215	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
52.37	0.000	310.36	0.215	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
52.40	0.000	310.36	0.214	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
52.43	0.000	310.36	0.214	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
52.47	0.000	310.36	0.214	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
52.50	0.000	310.36	0.214	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
52.53	0.000	310.36	0.213	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
52.57	0.000	310.36	0.213	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
52.60	0.000	310.35	0.213	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
52.63	0.000	310.35	0.213	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
52.67	0.000	310.35	0.212	0.201	-----	-----	-----	-----	-----	-----	-----	0.201

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
52.70	0.000	310.35	0.212	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
52.73	0.000	310.35	0.212	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
52.77	0.000	310.35	0.212	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
52.80	0.000	310.35	0.211	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
52.83	0.000	310.35	0.211	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
52.87	0.000	310.34	0.211	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
52.90	0.000	310.34	0.211	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
52.93	0.000	310.34	0.210	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
52.97	0.000	310.34	0.210	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
53.00	0.000	310.34	0.210	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
53.03	0.000	310.34	0.210	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
53.07	0.000	310.34	0.209	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
53.10	0.000	310.34	0.209	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
53.13	0.000	310.33	0.209	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
53.17	0.000	310.33	0.209	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
53.20	0.000	310.33	0.208	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
53.23	0.000	310.33	0.208	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
53.27	0.000	310.33	0.208	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
53.30	0.000	310.33	0.208	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
53.33	0.000	310.33	0.207	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
53.37	0.000	310.33	0.207	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
53.40	0.000	310.32	0.207	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
53.43	0.000	310.32	0.207	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
53.47	0.000	310.32	0.206	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
53.50	0.000	310.32	0.206	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
53.53	0.000	310.32	0.206	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
53.57	0.000	310.32	0.206	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
53.60	0.000	310.32	0.205	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
53.63	0.000	310.32	0.205	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
53.67	0.000	310.31	0.205	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
53.70	0.000	310.31	0.205	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
53.73	0.000	310.31	0.204	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
53.77	0.000	310.31	0.204	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
53.80	0.000	310.31	0.204	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
53.83	0.000	310.31	0.204	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
53.87	0.000	310.31	0.203	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
53.90	0.000	310.31	0.203	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
53.93	0.000	310.30	0.203	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
53.97	0.000	310.30	0.203	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
54.00	0.000	310.30	0.203	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
54.03	0.000	310.30	0.202	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
54.07	0.000	310.30	0.202	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
54.10	0.000	310.30	0.202	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
54.13	0.000	310.30	0.202	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
54.17	0.000	310.30	0.201	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
54.20	0.000	310.30	0.201	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
54.23	0.000	310.29	0.201	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
54.27	0.000	310.29	0.201	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
54.30	0.000	310.29	0.200	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
54.33	0.000	310.29	0.200	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
54.37	0.000	310.29	0.200	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
54.40	0.000	310.29	0.200	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
54.43	0.000	310.29	0.199	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
54.47	0.000	310.29	0.199	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
54.50	0.000	310.28	0.199	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
54.53	0.000	310.28	0.199	0.191	-----	-----	-----	-----	-----	-----	-----	0.191

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
54.57	0.000	310.28	0.198	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
54.60	0.000	310.28	0.198	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
54.63	0.000	310.28	0.198	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
54.67	0.000	310.28	0.198	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
54.70	0.000	310.28	0.197	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
54.73	0.000	310.28	0.197	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
54.77	0.000	310.27	0.197	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
54.80	0.000	310.27	0.197	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
54.83	0.000	310.27	0.197	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
54.87	0.000	310.27	0.196	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
54.90	0.000	310.27	0.196	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
54.93	0.000	310.27	0.196	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
54.97	0.000	310.27	0.196	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
55.00	0.000	310.27	0.195	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
55.03	0.000	310.27	0.195	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
55.07	0.000	310.26	0.195	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
55.10	0.000	310.26	0.195	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
55.13	0.000	310.26	0.194	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
55.17	0.000	310.26	0.194	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
55.20	0.000	310.26	0.194	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
55.23	0.000	310.26	0.194	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
55.27	0.000	310.26	0.193	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
55.30	0.000	310.26	0.193	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
55.33	0.000	310.25	0.193	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
55.37	0.000	310.25	0.193	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
55.40	0.000	310.25	0.193	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
55.43	0.000	310.25	0.192	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
55.47	0.000	310.25	0.192	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
55.50	0.000	310.25	0.192	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
55.53	0.000	310.25	0.192	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
55.57	0.000	310.25	0.191	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
55.60	0.000	310.25	0.191	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
55.63	0.000	310.24	0.191	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
55.67	0.000	310.24	0.191	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
55.70	0.000	310.24	0.190	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
55.73	0.000	310.24	0.190	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
55.77	0.000	310.24	0.190	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
55.80	0.000	310.24	0.190	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
55.83	0.000	310.24	0.190	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
55.87	0.000	310.24	0.189	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
55.90	0.000	310.24	0.189	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
55.93	0.000	310.23	0.189	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
55.97	0.000	310.23	0.189	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
56.00	0.000	310.23	0.188	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
56.03	0.000	310.23	0.188	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
56.07	0.000	310.23	0.188	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
56.10	0.000	310.23	0.188	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
56.13	0.000	310.23	0.188	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
56.17	0.000	310.23	0.187	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
56.20	0.000	310.22	0.187	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
56.23	0.000	310.22	0.187	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
56.27	0.000	310.22	0.187	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
56.30	0.000	310.22	0.186	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
56.33	0.000	310.22	0.186	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
56.37	0.000	310.22	0.186	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
56.40	0.000	310.22	0.186	0.182	-----	-----	-----	-----	-----	-----	-----	0.182

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
56.43	0.000	310.22	0.185	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
56.47	0.000	310.22	0.185	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
56.50	0.000	310.21	0.185	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
56.53	0.000	310.21	0.185	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
56.57	0.000	310.21	0.185	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
56.60	0.000	310.21	0.184	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
56.63	0.000	310.21	0.184	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
56.67	0.000	310.21	0.184	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
56.70	0.000	310.21	0.184	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
56.73	0.000	310.21	0.183	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
56.77	0.000	310.21	0.183	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
56.80	0.000	310.20	0.183	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
56.83	0.000	310.20	0.183	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
56.87	0.000	310.20	0.183	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
56.90	0.000	310.20	0.182	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
56.93	0.000	310.20	0.182	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
56.97	0.000	310.20	0.182	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
57.00	0.000	310.20	0.182	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
57.03	0.000	310.20	0.182	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
57.07	0.000	310.20	0.181	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
57.10	0.000	310.19	0.181	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
57.13	0.000	310.19	0.181	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
57.17	0.000	310.19	0.181	0.178	-----	-----	-----	-----	-----	-----	-----	0.178

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 30

Design Point D

Hydrograph type	= Combine	Peak discharge	= 4.122 cfs
Storm frequency	= 1 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 70,695 cuft
Inflow hyds.	= 8, 29	Contrib. drain. area	= 1.960 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 8 + (cfs)	Hyd. 29 = (cfs)	Outflow (cfs)
11.97	1.960	0.138	2.098
12.00	2.472	0.147	2.619
12.03	3.127	0.155	3.282
12.07	3.698	0.166	3.864
12.10	3.943 <<	0.178	4.122 <<
12.13	3.799	0.190	3.990
12.17	3.400	0.203	3.603
12.20	2.913	0.215	3.128
12.23	2.464	0.226	2.690
12.27	2.120	0.236	2.356
12.30	1.893	0.245	2.137

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 31

Pond I

Hydrograph type	= Reservoir	Peak discharge	= 0.286 cfs
Storm frequency	= 1 yrs	Time to peak	= 23.93 hrs
Time interval	= 2 min	Hyd. volume	= 47,883 cuft
Inflow hyd. No.	= 13 - PR-I	Reservoir name	= Pond I
Max. Elevation	= 296.86 ft	Max. Storage	= 63,097 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.43	8.745	295.80	0.155	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
12.47	7.970	295.85	0.162	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
12.50	7.178	295.89	0.169	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
12.53	6.388	295.93	0.175	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
12.57	5.639	295.97	0.180	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
12.60	4.967	296.00	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
12.63	4.409	296.02	0.188	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
12.67	3.976	296.03	0.191	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
12.70	3.649	296.05	0.193	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
12.73	3.408	296.07	0.195	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
12.77	3.236	296.08	0.197	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
12.80	3.112	296.09	0.199	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
12.83	3.017	296.11	0.201	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
12.87	2.932	296.12	0.203	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
12.90	2.846	296.13	0.205	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
12.93	2.760	296.14	0.207	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
12.97	2.673	296.15	0.208	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
13.00	2.586	296.16	0.210	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
13.03	2.500	296.17	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
13.07	2.418	296.18	0.213	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
13.10	2.343	296.19	0.215	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
13.13	2.279	296.20	0.216	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
13.17	2.226	296.21	0.218	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
13.20	2.183	296.22	0.219	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
13.23	2.147	296.23	0.221	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
13.27	2.118	296.24	0.222	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
13.30	2.092	296.25	0.224	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
13.33	2.070	296.25	0.225	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
13.37	2.048	296.26	0.227	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
13.40	2.026	296.27	0.228	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
13.43	2.004	296.28	0.230	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
13.47	1.982	296.29	0.231	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
13.50	1.959	296.29	0.232	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
13.53	1.937	296.30	0.234	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
13.57	1.915	296.31	0.235	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
13.60	1.892	296.32	0.236	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
13.63	1.869	296.32	0.238	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
13.67	1.847	296.33	0.239	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
13.70	1.824	296.34	0.240	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
13.73	1.801	296.34	0.241	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
13.77	1.778	296.35	0.243	0.232	-----	-----	-----	-----	-----	-----	-----	0.232
13.80	1.755	296.36	0.244	0.233	-----	-----	-----	-----	-----	-----	-----	0.233

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.83	1.732	296.36	0.245	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
13.87	1.709	296.37	0.246	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
13.90	1.686	296.38	0.247	0.235	-----	-----	-----	-----	-----	-----	-----	0.235
13.93	1.663	296.38	0.248	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
13.97	1.640	296.39	0.250	0.237	-----	-----	-----	-----	-----	-----	-----	0.237
14.00	1.616	296.40	0.251	0.238	-----	-----	-----	-----	-----	-----	-----	0.238
14.03	1.593	296.40	0.252	0.238	-----	-----	-----	-----	-----	-----	-----	0.238
14.07	1.571	296.41	0.252	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
14.10	1.550	296.41	0.253	0.240	-----	-----	-----	-----	-----	-----	-----	0.240
14.13	1.531	296.42	0.253	0.240	-----	-----	-----	-----	-----	-----	-----	0.240
14.17	1.514	296.43	0.254	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
14.20	1.499	296.43	0.254	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
14.23	1.486	296.44	0.255	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
14.27	1.473	296.44	0.255	0.243	-----	-----	-----	-----	-----	-----	-----	0.243
14.30	1.462	296.45	0.256	0.243	-----	-----	-----	-----	-----	-----	-----	0.243
14.33	1.451	296.45	0.256	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
14.37	1.440	296.46	0.257	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
14.40	1.429	296.46	0.257	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
14.43	1.418	296.47	0.258	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
14.47	1.407	296.47	0.258	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
14.50	1.396	296.48	0.259	0.247	-----	-----	-----	-----	-----	-----	-----	0.247
14.53	1.385	296.48	0.259	0.247	-----	-----	-----	-----	-----	-----	-----	0.247
14.57	1.374	296.49	0.260	0.248	-----	-----	-----	-----	-----	-----	-----	0.248
14.60	1.362	296.49	0.260	0.249	-----	-----	-----	-----	-----	-----	-----	0.249
14.63	1.351	296.50	0.261	0.249	-----	-----	-----	-----	-----	-----	-----	0.249
14.67	1.340	296.50	0.261	0.250	-----	-----	-----	-----	-----	-----	-----	0.250
14.70	1.329	296.51	0.262	0.250	-----	-----	-----	-----	-----	-----	-----	0.250
14.73	1.318	296.51	0.262	0.251	-----	-----	-----	-----	-----	-----	-----	0.251
14.77	1.307	296.52	0.263	0.251	-----	-----	-----	-----	-----	-----	-----	0.251
14.80	1.295	296.52	0.263	0.252	-----	-----	-----	-----	-----	-----	-----	0.252
14.83	1.284	296.53	0.264	0.252	-----	-----	-----	-----	-----	-----	-----	0.252
14.87	1.273	296.53	0.264	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
14.90	1.261	296.54	0.264	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
14.93	1.250	296.54	0.265	0.254	-----	-----	-----	-----	-----	-----	-----	0.254
14.97	1.239	296.54	0.265	0.254	-----	-----	-----	-----	-----	-----	-----	0.254
15.00	1.227	296.55	0.266	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
15.03	1.216	296.55	0.266	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
15.07	1.204	296.56	0.266	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
15.10	1.193	296.56	0.267	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
15.13	1.182	296.57	0.267	0.257	-----	-----	-----	-----	-----	-----	-----	0.257
15.17	1.170	296.57	0.268	0.257	-----	-----	-----	-----	-----	-----	-----	0.257
15.20	1.159	296.57	0.268	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
15.23	1.147	296.58	0.268	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
15.27	1.136	296.58	0.269	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
15.30	1.124	296.59	0.269	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
15.33	1.112	296.59	0.270	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
15.37	1.101	296.59	0.270	0.260	-----	-----	-----	-----	-----	-----	-----	0.260
15.40	1.089	296.60	0.270	0.260	-----	-----	-----	-----	-----	-----	-----	0.260
15.43	1.078	296.60	0.271	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
15.47	1.066	296.60	0.271	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
15.50	1.054	296.61	0.271	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
15.53	1.043	296.61	0.272	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
15.57	1.031	296.61	0.272	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
15.60	1.019	296.62	0.272	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
15.63	1.008	296.62	0.273	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
15.67	0.996	296.62	0.273	0.263	-----	-----	-----	-----	-----	-----	-----	0.263

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
15.70	0.984	296.63	0.273	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
15.73	0.972	296.63	0.274	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
15.77	0.961	296.63	0.274	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
15.80	0.949	296.64	0.274	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
15.83	0.937	296.64	0.275	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
15.87	0.925	296.64	0.275	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
15.90	0.914	296.65	0.275	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
15.93	0.902	296.65	0.275	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
15.97	0.890	296.65	0.276	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
16.00	0.878	296.65	0.276	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
16.03	0.866	296.66	0.276	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
16.07	0.855	296.66	0.277	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
16.10	0.845	296.66	0.277	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
16.13	0.835	296.66	0.277	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
16.17	0.827	296.67	0.277	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
16.20	0.820	296.67	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
16.23	0.813	296.67	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
16.27	0.807	296.67	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
16.30	0.802	296.68	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
16.33	0.797	296.68	0.278	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
16.37	0.792	296.68	0.279	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
16.40	0.787	296.68	0.279	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
16.43	0.781	296.69	0.279	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
16.47	0.776	296.69	0.279	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
16.50	0.771	296.69	0.280	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
16.53	0.766	296.69	0.280	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
16.57	0.761	296.70	0.280	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
16.60	0.756	296.70	0.280	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
16.63	0.751	296.70	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
16.67	0.746	296.70	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
16.70	0.741	296.70	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
16.73	0.736	296.71	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
16.77	0.730	296.71	0.281	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
16.80	0.725	296.71	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
16.83	0.720	296.71	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
16.87	0.715	296.71	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
16.90	0.710	296.72	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
16.93	0.705	296.72	0.282	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
16.97	0.700	296.72	0.283	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
17.00	0.694	296.72	0.283	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
17.03	0.689	296.72	0.283	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
17.07	0.684	296.72	0.283	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
17.10	0.679	296.73	0.283	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
17.13	0.674	296.73	0.283	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
17.17	0.669	296.73	0.284	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
17.20	0.663	296.73	0.284	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
17.23	0.658	296.73	0.284	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
17.27	0.653	296.74	0.284	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
17.30	0.648	296.74	0.284	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
17.33	0.643	296.74	0.284	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
17.37	0.637	296.74	0.285	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
17.40	0.632	296.74	0.285	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
17.43	0.627	296.74	0.285	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
17.47	0.622	296.75	0.285	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
17.50	0.617	296.75	0.285	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
17.53	0.611	296.75	0.285	0.276	-----	-----	-----	-----	-----	-----	-----	0.276

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.57	0.606	296.75	0.286	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
17.60	0.601	296.75	0.286	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
17.63	0.596	296.75	0.286	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
17.67	0.591	296.75	0.286	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
17.70	0.585	296.76	0.286	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
17.73	0.580	296.76	0.286	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
17.77	0.575	296.76	0.286	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
17.80	0.570	296.76	0.287	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
17.83	0.564	296.76	0.287	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
17.87	0.559	296.76	0.287	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
17.90	0.554	296.76	0.287	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
17.93	0.549	296.76	0.287	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
17.97	0.543	296.77	0.287	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
18.00	0.538	296.77	0.287	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
18.03	0.533	296.77	0.287	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
18.07	0.528	296.77	0.288	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
18.10	0.523	296.77	0.288	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
18.13	0.520	296.77	0.288	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
18.17	0.516	296.77	0.288	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
18.20	0.514	296.77	0.288	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
18.23	0.511	296.77	0.288	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
18.27	0.509	296.78	0.288	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
18.30	0.508	296.78	0.288	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
18.33	0.506	296.78	0.288	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
18.37	0.504	296.78	0.288	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
18.40	0.503	296.78	0.289	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
18.43	0.501	296.78	0.289	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
18.47	0.500	296.78	0.289	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
18.50	0.498	296.78	0.289	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
18.53	0.497	296.78	0.289	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
18.57	0.495	296.78	0.289	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
18.60	0.494	296.78	0.289	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
18.63	0.492	296.79	0.289	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
18.67	0.491	296.79	0.289	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
18.70	0.489	296.79	0.289	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
18.73	0.488	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
18.77	0.486	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
18.80	0.484	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
18.83	0.483	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
18.87	0.481	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
18.90	0.480	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
18.93	0.478	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
18.97	0.477	296.79	0.290	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
19.00	0.475	296.80	0.290	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
19.03	0.474	296.80	0.290	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
19.07	0.472	296.80	0.290	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
19.10	0.471	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
19.13	0.469	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
19.17	0.468	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
19.20	0.466	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
19.23	0.464	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
19.27	0.463	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
19.30	0.461	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
19.33	0.460	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
19.37	0.458	296.80	0.291	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
19.40	0.457	296.81	0.291	0.282	-----	-----	-----	-----	-----	-----	-----	0.282

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
19.43	0.455	296.81	0.291	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
19.47	0.454	296.81	0.291	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
19.50	0.452	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
19.53	0.450	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
19.57	0.449	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
19.60	0.447	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
19.63	0.446	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
19.67	0.444	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
19.70	0.443	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
19.73	0.441	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
19.77	0.440	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
19.80	0.438	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
19.83	0.436	296.81	0.292	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
19.87	0.435	296.82	0.292	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
19.90	0.433	296.82	0.292	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
19.93	0.432	296.82	0.292	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
19.97	0.430	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
20.00	0.429	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
20.03	0.427	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
20.07	0.425	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
20.10	0.424	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
20.13	0.422	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
20.17	0.421	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
20.20	0.419	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
20.23	0.418	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
20.27	0.416	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
20.30	0.414	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
20.33	0.413	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
20.37	0.411	296.82	0.293	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.40	0.410	296.83	0.293	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.43	0.408	296.83	0.293	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.47	0.407	296.83	0.293	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.50	0.405	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.53	0.403	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.57	0.402	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.60	0.400	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.63	0.399	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.67	0.397	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.70	0.396	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.73	0.394	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.77	0.392	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.80	0.391	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.83	0.389	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.87	0.388	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.90	0.386	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.93	0.384	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
20.97	0.383	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
21.00	0.381	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
21.03	0.380	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
21.07	0.378	296.84	0.294	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.10	0.377	296.84	0.294	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.13	0.375	296.84	0.294	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.17	0.373	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.20	0.372	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.23	0.370	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.27	0.369	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.30	0.367	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.33	0.365	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.37	0.364	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.40	0.362	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.43	0.361	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.47	0.359	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.50	0.357	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.53	0.356	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.57	0.354	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.60	0.353	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.63	0.351	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.67	0.350	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.70	0.348	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.73	0.346	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.77	0.345	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.80	0.343	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.83	0.342	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.87	0.340	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.90	0.338	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.93	0.337	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
21.97	0.335	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
22.00	0.334	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
22.03	0.366	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
22.07	0.400	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
22.10	0.436	296.85	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
22.13	0.472	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.17	0.455	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.20	0.438	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.23	0.420	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.27	0.402	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.30	0.383	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.33	0.363	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.37	0.343	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.40	0.342	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.43	0.341	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.47	0.340	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.50	0.338	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.53	0.337	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.57	0.336	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.60	0.335	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.63	0.334	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.67	0.332	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.70	0.331	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.73	0.330	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.77	0.329	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.80	0.328	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.83	0.326	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.87	0.325	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.90	0.324	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.93	0.323	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
22.97	0.322	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.00	0.320	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.03	0.319	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.07	0.318	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.10	0.317	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.13	0.316	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
23.17	0.314	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.20	0.313	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.23	0.312	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.27	0.311	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.30	0.310	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.33	0.308	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.37	0.307	296.86	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.40	0.306	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.43	0.305	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.47	0.304	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.50	0.302	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.53	0.301	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.57	0.300	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.60	0.299	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.63	0.298	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.67	0.296	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.70	0.295	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.73	0.294	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.77	0.293	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.80	0.292	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.83	0.290	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.87	0.289	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.90	0.288	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
23.93	0.287	296.86 <<	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286 <<
23.97	0.286	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
24.00	0.284	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
24.03	0.270	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
24.07	0.244	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
24.10	0.205	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
24.13	0.154	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
24.17	0.110	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
24.20	0.073	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
24.23	0.044	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
24.27	0.022	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
24.30	0.007	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
24.33	0.000	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
24.37	0.000	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
24.40	0.000	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
24.43	0.000	296.85	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
24.47	0.000	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
24.50	0.000	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
24.53	0.000	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
24.57	0.000	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
24.60	0.000	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
24.63	0.000	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
24.67	0.000	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
24.70	0.000	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
24.73	0.000	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
24.77	0.000	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
24.80	0.000	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
24.83	0.000	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
24.87	0.000	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
24.90	0.000	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
24.93	0.000	296.83	0.293	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
24.97	0.000	296.82	0.293	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
25.00	0.000	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
25.03	0.000	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
25.07	0.000	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
25.10	0.000	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
25.13	0.000	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
25.17	0.000	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
25.20	0.000	296.82	0.292	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
25.23	0.000	296.81	0.292	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
25.27	0.000	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
25.30	0.000	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
25.33	0.000	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
25.37	0.000	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
25.40	0.000	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
25.43	0.000	296.81	0.291	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
25.47	0.000	296.81	0.291	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
25.50	0.000	296.80	0.291	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
25.53	0.000	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
25.57	0.000	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
25.60	0.000	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
25.63	0.000	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
25.67	0.000	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
25.70	0.000	296.80	0.290	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
25.73	0.000	296.80	0.290	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
25.77	0.000	296.79	0.290	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
25.80	0.000	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
25.83	0.000	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
25.87	0.000	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
25.90	0.000	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
25.93	0.000	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
25.97	0.000	296.79	0.289	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
26.00	0.000	296.79	0.289	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
26.03	0.000	296.79	0.289	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
26.07	0.000	296.78	0.289	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
26.10	0.000	296.78	0.289	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
26.13	0.000	296.78	0.289	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
26.17	0.000	296.78	0.289	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
26.20	0.000	296.78	0.289	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
26.23	0.000	296.78	0.288	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
26.27	0.000	296.78	0.288	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
26.30	0.000	296.78	0.288	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
26.33	0.000	296.77	0.288	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
26.37	0.000	296.77	0.288	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
26.40	0.000	296.77	0.288	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
26.43	0.000	296.77	0.288	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
26.47	0.000	296.77	0.288	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
26.50	0.000	296.77	0.287	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
26.53	0.000	296.77	0.287	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
26.57	0.000	296.77	0.287	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
26.60	0.000	296.76	0.287	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
26.63	0.000	296.76	0.287	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
26.67	0.000	296.76	0.287	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
26.70	0.000	296.76	0.287	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
26.73	0.000	296.76	0.287	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
26.77	0.000	296.76	0.286	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
26.80	0.000	296.76	0.286	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
26.83	0.000	296.76	0.286	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
26.87	0.000	296.75	0.286	0.276	-----	-----	-----	-----	-----	-----	-----	0.276

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
26.90	0.000	296.75	0.286	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
26.93	0.000	296.75	0.286	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
26.97	0.000	296.75	0.286	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
27.00	0.000	296.75	0.286	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
27.03	0.000	296.75	0.285	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
27.07	0.000	296.75	0.285	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
27.10	0.000	296.75	0.285	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
27.13	0.000	296.74	0.285	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
27.17	0.000	296.74	0.285	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
27.20	0.000	296.74	0.285	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
27.23	0.000	296.74	0.285	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
27.27	0.000	296.74	0.285	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
27.30	0.000	296.74	0.284	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
27.33	0.000	296.74	0.284	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
27.37	0.000	296.74	0.284	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
27.40	0.000	296.73	0.284	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
27.43	0.000	296.73	0.284	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
27.47	0.000	296.73	0.284	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
27.50	0.000	296.73	0.284	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
27.53	0.000	296.73	0.284	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
27.57	0.000	296.73	0.283	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
27.60	0.000	296.73	0.283	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
27.63	0.000	296.73	0.283	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
27.67	0.000	296.73	0.283	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
27.70	0.000	296.72	0.283	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
27.73	0.000	296.72	0.283	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
27.77	0.000	296.72	0.283	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
27.80	0.000	296.72	0.283	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
27.83	0.000	296.72	0.283	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
27.87	0.000	296.72	0.282	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
27.90	0.000	296.72	0.282	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
27.93	0.000	296.72	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
27.97	0.000	296.71	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
28.00	0.000	296.71	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
28.03	0.000	296.71	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
28.07	0.000	296.71	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
28.10	0.000	296.71	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
28.13	0.000	296.71	0.281	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
28.17	0.000	296.71	0.281	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
28.20	0.000	296.71	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
28.23	0.000	296.70	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
28.27	0.000	296.70	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
28.30	0.000	296.70	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
28.33	0.000	296.70	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
28.37	0.000	296.70	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
28.40	0.000	296.70	0.280	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
28.43	0.000	296.70	0.280	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
28.47	0.000	296.70	0.280	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
28.50	0.000	296.70	0.280	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
28.53	0.000	296.69	0.280	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
28.57	0.000	296.69	0.280	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
28.60	0.000	296.69	0.280	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
28.63	0.000	296.69	0.280	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
28.67	0.000	296.69	0.279	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
28.70	0.000	296.69	0.279	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
28.73	0.000	296.69	0.279	0.269	-----	-----	-----	-----	-----	-----	-----	0.269

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
28.77	0.000	296.69	0.279	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
28.80	0.000	296.68	0.279	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
28.83	0.000	296.68	0.279	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
28.87	0.000	296.68	0.279	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
28.90	0.000	296.68	0.279	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
28.93	0.000	296.68	0.279	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
28.97	0.000	296.68	0.278	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
29.00	0.000	296.68	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
29.03	0.000	296.68	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
29.07	0.000	296.67	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
29.10	0.000	296.67	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
29.13	0.000	296.67	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
29.17	0.000	296.67	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
29.20	0.000	296.67	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
29.23	0.000	296.67	0.277	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
29.27	0.000	296.67	0.277	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
29.30	0.000	296.67	0.277	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
29.33	0.000	296.67	0.277	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
29.37	0.000	296.66	0.277	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
29.40	0.000	296.66	0.277	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
29.43	0.000	296.66	0.277	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
29.47	0.000	296.66	0.277	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
29.50	0.000	296.66	0.277	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
29.53	0.000	296.66	0.276	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
29.57	0.000	296.66	0.276	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
29.60	0.000	296.66	0.276	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
29.63	0.000	296.65	0.276	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
29.67	0.000	296.65	0.276	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
29.70	0.000	296.65	0.276	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
29.73	0.000	296.65	0.276	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
29.77	0.000	296.65	0.276	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
29.80	0.000	296.65	0.275	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
29.83	0.000	296.65	0.275	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
29.87	0.000	296.65	0.275	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
29.90	0.000	296.65	0.275	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
29.93	0.000	296.64	0.275	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
29.97	0.000	296.64	0.275	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
30.00	0.000	296.64	0.275	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
30.03	0.000	296.64	0.275	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
30.07	0.000	296.64	0.274	0.265	-----	-----	-----	-----	-----	-----	-----	0.265
30.10	0.000	296.64	0.274	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
30.13	0.000	296.64	0.274	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
30.17	0.000	296.64	0.274	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
30.20	0.000	296.63	0.274	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
30.23	0.000	296.63	0.274	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
30.27	0.000	296.63	0.274	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
30.30	0.000	296.63	0.274	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
30.33	0.000	296.63	0.274	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
30.37	0.000	296.63	0.273	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
30.40	0.000	296.63	0.273	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
30.43	0.000	296.63	0.273	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
30.47	0.000	296.63	0.273	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
30.50	0.000	296.62	0.273	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
30.53	0.000	296.62	0.273	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
30.57	0.000	296.62	0.273	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
30.60	0.000	296.62	0.273	0.263	-----	-----	-----	-----	-----	-----	-----	0.263

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.63	0.000	296.62	0.272	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
30.67	0.000	296.62	0.272	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
30.70	0.000	296.62	0.272	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
30.73	0.000	296.62	0.272	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
30.77	0.000	296.62	0.272	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
30.80	0.000	296.61	0.272	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
30.83	0.000	296.61	0.272	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
30.87	0.000	296.61	0.272	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
30.90	0.000	296.61	0.272	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
30.93	0.000	296.61	0.271	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
30.97	0.000	296.61	0.271	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
31.00	0.000	296.61	0.271	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
31.03	0.000	296.61	0.271	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
31.07	0.000	296.60	0.271	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
31.10	0.000	296.60	0.271	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
31.13	0.000	296.60	0.271	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
31.17	0.000	296.60	0.271	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
31.20	0.000	296.60	0.271	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
31.23	0.000	296.60	0.270	0.260	-----	-----	-----	-----	-----	-----	-----	0.260
31.27	0.000	296.60	0.270	0.260	-----	-----	-----	-----	-----	-----	-----	0.260
31.30	0.000	296.60	0.270	0.260	-----	-----	-----	-----	-----	-----	-----	0.260
31.33	0.000	296.60	0.270	0.260	-----	-----	-----	-----	-----	-----	-----	0.260
31.37	0.000	296.59	0.270	0.260	-----	-----	-----	-----	-----	-----	-----	0.260
31.40	0.000	296.59	0.270	0.260	-----	-----	-----	-----	-----	-----	-----	0.260
31.43	0.000	296.59	0.270	0.260	-----	-----	-----	-----	-----	-----	-----	0.260
31.47	0.000	296.59	0.270	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
31.50	0.000	296.59	0.270	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
31.53	0.000	296.59	0.269	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
31.57	0.000	296.59	0.269	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
31.60	0.000	296.59	0.269	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
31.63	0.000	296.59	0.269	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
31.67	0.000	296.58	0.269	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
31.70	0.000	296.58	0.269	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
31.73	0.000	296.58	0.269	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
31.77	0.000	296.58	0.269	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
31.80	0.000	296.58	0.269	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
31.83	0.000	296.58	0.268	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
31.87	0.000	296.58	0.268	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
31.90	0.000	296.58	0.268	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
31.93	0.000	296.57	0.268	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
31.97	0.000	296.57	0.268	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
32.00	0.000	296.57	0.268	0.257	-----	-----	-----	-----	-----	-----	-----	0.257
32.03	0.000	296.57	0.268	0.257	-----	-----	-----	-----	-----	-----	-----	0.257
32.07	0.000	296.57	0.268	0.257	-----	-----	-----	-----	-----	-----	-----	0.257
32.10	0.000	296.57	0.268	0.257	-----	-----	-----	-----	-----	-----	-----	0.257
32.13	0.000	296.57	0.267	0.257	-----	-----	-----	-----	-----	-----	-----	0.257
32.17	0.000	296.57	0.267	0.257	-----	-----	-----	-----	-----	-----	-----	0.257
32.20	0.000	296.57	0.267	0.257	-----	-----	-----	-----	-----	-----	-----	0.257
32.23	0.000	296.56	0.267	0.257	-----	-----	-----	-----	-----	-----	-----	0.257
32.27	0.000	296.56	0.267	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
32.30	0.000	296.56	0.267	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
32.33	0.000	296.56	0.267	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
32.37	0.000	296.56	0.267	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
32.40	0.000	296.56	0.267	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
32.43	0.000	296.56	0.266	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
32.47	0.000	296.56	0.266	0.256	-----	-----	-----	-----	-----	-----	-----	0.256

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.50	0.000	296.56	0.266	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
32.53	0.000	296.55	0.266	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
32.57	0.000	296.55	0.266	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
32.60	0.000	296.55	0.266	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
32.63	0.000	296.55	0.266	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
32.67	0.000	296.55	0.266	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
32.70	0.000	296.55	0.266	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
32.73	0.000	296.55	0.266	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
32.77	0.000	296.55	0.265	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
32.80	0.000	296.55	0.265	0.254	-----	-----	-----	-----	-----	-----	-----	0.254
32.83	0.000	296.54	0.265	0.254	-----	-----	-----	-----	-----	-----	-----	0.254
32.87	0.000	296.54	0.265	0.254	-----	-----	-----	-----	-----	-----	-----	0.254
32.90	0.000	296.54	0.265	0.254	-----	-----	-----	-----	-----	-----	-----	0.254
32.93	0.000	296.54	0.265	0.254	-----	-----	-----	-----	-----	-----	-----	0.254
32.97	0.000	296.54	0.265	0.254	-----	-----	-----	-----	-----	-----	-----	0.254
33.00	0.000	296.54	0.265	0.254	-----	-----	-----	-----	-----	-----	-----	0.254
33.03	0.000	296.54	0.265	0.254	-----	-----	-----	-----	-----	-----	-----	0.254
33.07	0.000	296.54	0.264	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
33.10	0.000	296.54	0.264	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
33.13	0.000	296.53	0.264	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
33.17	0.000	296.53	0.264	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
33.20	0.000	296.53	0.264	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
33.23	0.000	296.53	0.264	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
33.27	0.000	296.53	0.264	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
33.30	0.000	296.53	0.264	0.252	-----	-----	-----	-----	-----	-----	-----	0.252
33.33	0.000	296.53	0.264	0.252	-----	-----	-----	-----	-----	-----	-----	0.252
33.37	0.000	296.53	0.263	0.252	-----	-----	-----	-----	-----	-----	-----	0.252
33.40	0.000	296.53	0.263	0.252	-----	-----	-----	-----	-----	-----	-----	0.252
33.43	0.000	296.52	0.263	0.252	-----	-----	-----	-----	-----	-----	-----	0.252
33.47	0.000	296.52	0.263	0.252	-----	-----	-----	-----	-----	-----	-----	0.252
33.50	0.000	296.52	0.263	0.252	-----	-----	-----	-----	-----	-----	-----	0.252
33.53	0.000	296.52	0.263	0.252	-----	-----	-----	-----	-----	-----	-----	0.252
33.57	0.000	296.52	0.263	0.251	-----	-----	-----	-----	-----	-----	-----	0.252
33.60	0.000	296.52	0.263	0.251	-----	-----	-----	-----	-----	-----	-----	0.251
33.63	0.000	296.52	0.263	0.251	-----	-----	-----	-----	-----	-----	-----	0.251
33.67	0.000	296.52	0.263	0.251	-----	-----	-----	-----	-----	-----	-----	0.251
33.70	0.000	296.52	0.262	0.251	-----	-----	-----	-----	-----	-----	-----	0.251
33.73	0.000	296.51	0.262	0.251	-----	-----	-----	-----	-----	-----	-----	0.251
33.77	0.000	296.51	0.262	0.251	-----	-----	-----	-----	-----	-----	-----	0.251
33.80	0.000	296.51	0.262	0.251	-----	-----	-----	-----	-----	-----	-----	0.251
33.83	0.000	296.51	0.262	0.251	-----	-----	-----	-----	-----	-----	-----	0.251
33.87	0.000	296.51	0.262	0.250	-----	-----	-----	-----	-----	-----	-----	0.250
33.90	0.000	296.51	0.262	0.250	-----	-----	-----	-----	-----	-----	-----	0.250
33.93	0.000	296.51	0.262	0.250	-----	-----	-----	-----	-----	-----	-----	0.250
33.97	0.000	296.51	0.262	0.250	-----	-----	-----	-----	-----	-----	-----	0.250
34.00	0.000	296.51	0.261	0.250	-----	-----	-----	-----	-----	-----	-----	0.250
34.03	0.000	296.50	0.261	0.250	-----	-----	-----	-----	-----	-----	-----	0.250
34.07	0.000	296.50	0.261	0.250	-----	-----	-----	-----	-----	-----	-----	0.250
34.10	0.000	296.50	0.261	0.250	-----	-----	-----	-----	-----	-----	-----	0.250
34.13	0.000	296.50	0.261	0.249	-----	-----	-----	-----	-----	-----	-----	0.249
34.17	0.000	296.50	0.261	0.249	-----	-----	-----	-----	-----	-----	-----	0.249
34.20	0.000	296.50	0.261	0.249	-----	-----	-----	-----	-----	-----	-----	0.249
34.23	0.000	296.50	0.261	0.249	-----	-----	-----	-----	-----	-----	-----	0.249
34.27	0.000	296.50	0.261	0.249	-----	-----	-----	-----	-----	-----	-----	0.249
34.30	0.000	296.50	0.260	0.249	-----	-----	-----	-----	-----	-----	-----	0.249
34.33	0.000	296.49	0.260	0.249	-----	-----	-----	-----	-----	-----	-----	0.249

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
34.37	0.000	296.49	0.260	0.249	-----	-----	-----	-----	-----	-----	-----	0.249
34.40	0.000	296.49	0.260	0.248	-----	-----	-----	-----	-----	-----	-----	0.248
34.43	0.000	296.49	0.260	0.248	-----	-----	-----	-----	-----	-----	-----	0.248
34.47	0.000	296.49	0.260	0.248	-----	-----	-----	-----	-----	-----	-----	0.248
34.50	0.000	296.49	0.260	0.248	-----	-----	-----	-----	-----	-----	-----	0.248
34.53	0.000	296.49	0.260	0.248	-----	-----	-----	-----	-----	-----	-----	0.248
34.57	0.000	296.49	0.260	0.248	-----	-----	-----	-----	-----	-----	-----	0.248
34.60	0.000	296.49	0.260	0.248	-----	-----	-----	-----	-----	-----	-----	0.248
34.63	0.000	296.48	0.259	0.248	-----	-----	-----	-----	-----	-----	-----	0.248
34.67	0.000	296.48	0.259	0.247	-----	-----	-----	-----	-----	-----	-----	0.247
34.70	0.000	296.48	0.259	0.247	-----	-----	-----	-----	-----	-----	-----	0.247
34.73	0.000	296.48	0.259	0.247	-----	-----	-----	-----	-----	-----	-----	0.247
34.77	0.000	296.48	0.259	0.247	-----	-----	-----	-----	-----	-----	-----	0.247
34.80	0.000	296.48	0.259	0.247	-----	-----	-----	-----	-----	-----	-----	0.247
34.83	0.000	296.48	0.259	0.247	-----	-----	-----	-----	-----	-----	-----	0.247
34.87	0.000	296.48	0.259	0.247	-----	-----	-----	-----	-----	-----	-----	0.247
34.90	0.000	296.48	0.259	0.247	-----	-----	-----	-----	-----	-----	-----	0.247
34.93	0.000	296.47	0.259	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
34.97	0.000	296.47	0.258	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
35.00	0.000	296.47	0.258	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
35.03	0.000	296.47	0.258	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
35.07	0.000	296.47	0.258	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
35.10	0.000	296.47	0.258	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
35.13	0.000	296.47	0.258	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
35.17	0.000	296.47	0.258	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
35.20	0.000	296.47	0.258	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
35.23	0.000	296.46	0.258	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
35.27	0.000	296.46	0.257	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
35.30	0.000	296.46	0.257	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
35.33	0.000	296.46	0.257	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
35.37	0.000	296.46	0.257	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
35.40	0.000	296.46	0.257	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
35.43	0.000	296.46	0.257	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
35.47	0.000	296.46	0.257	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
35.50	0.000	296.46	0.257	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
35.53	0.000	296.46	0.257	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
35.57	0.000	296.45	0.257	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
35.60	0.000	296.45	0.256	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
35.63	0.000	296.45	0.256	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
35.67	0.000	296.45	0.256	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
35.70	0.000	296.45	0.256	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
35.73	0.000	296.45	0.256	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
35.77	0.000	296.45	0.256	0.243	-----	-----	-----	-----	-----	-----	-----	0.243
35.80	0.000	296.45	0.256	0.243	-----	-----	-----	-----	-----	-----	-----	0.243
35.83	0.000	296.45	0.256	0.243	-----	-----	-----	-----	-----	-----	-----	0.243
35.87	0.000	296.44	0.256	0.243	-----	-----	-----	-----	-----	-----	-----	0.243
35.90	0.000	296.44	0.255	0.243	-----	-----	-----	-----	-----	-----	-----	0.243
35.93	0.000	296.44	0.255	0.243	-----	-----	-----	-----	-----	-----	-----	0.243
35.97	0.000	296.44	0.255	0.243	-----	-----	-----	-----	-----	-----	-----	0.243
36.00	0.000	296.44	0.255	0.243	-----	-----	-----	-----	-----	-----	-----	0.243
36.03	0.000	296.44	0.255	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
36.07	0.000	296.44	0.255	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
36.10	0.000	296.44	0.255	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
36.13	0.000	296.44	0.255	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
36.17	0.000	296.43	0.255	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
36.20	0.000	296.43	0.255	0.242	-----	-----	-----	-----	-----	-----	-----	0.242

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
36.23	0.000	296.43	0.254	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
36.27	0.000	296.43	0.254	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
36.30	0.000	296.43	0.254	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
36.33	0.000	296.43	0.254	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
36.37	0.000	296.43	0.254	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
36.40	0.000	296.43	0.254	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
36.43	0.000	296.43	0.254	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
36.47	0.000	296.43	0.254	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
36.50	0.000	296.42	0.254	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
36.53	0.000	296.42	0.254	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
36.57	0.000	296.42	0.253	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
36.60	0.000	296.42	0.253	0.240	-----	-----	-----	-----	-----	-----	-----	0.240
36.63	0.000	296.42	0.253	0.240	-----	-----	-----	-----	-----	-----	-----	0.240
36.67	0.000	296.42	0.253	0.240	-----	-----	-----	-----	-----	-----	-----	0.240
36.70	0.000	296.42	0.253	0.240	-----	-----	-----	-----	-----	-----	-----	0.240
36.73	0.000	296.42	0.253	0.240	-----	-----	-----	-----	-----	-----	-----	0.240
36.77	0.000	296.42	0.253	0.240	-----	-----	-----	-----	-----	-----	-----	0.240
36.80	0.000	296.41	0.253	0.240	-----	-----	-----	-----	-----	-----	-----	0.240
36.83	0.000	296.41	0.253	0.240	-----	-----	-----	-----	-----	-----	-----	0.240
36.87	0.000	296.41	0.253	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
36.90	0.000	296.41	0.252	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
36.93	0.000	296.41	0.252	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
36.97	0.000	296.41	0.252	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
37.00	0.000	296.41	0.252	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
37.03	0.000	296.41	0.252	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
37.07	0.000	296.41	0.252	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
37.10	0.000	296.40	0.252	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
37.13	0.000	296.40	0.252	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
37.17	0.000	296.40	0.252	0.238	-----	-----	-----	-----	-----	-----	-----	0.238
37.20	0.000	296.40	0.252	0.238	-----	-----	-----	-----	-----	-----	-----	0.238
37.23	0.000	296.40	0.251	0.238	-----	-----	-----	-----	-----	-----	-----	0.238
37.27	0.000	296.40	0.251	0.238	-----	-----	-----	-----	-----	-----	-----	0.238
37.30	0.000	296.40	0.251	0.238	-----	-----	-----	-----	-----	-----	-----	0.238
37.33	0.000	296.40	0.251	0.238	-----	-----	-----	-----	-----	-----	-----	0.238
37.37	0.000	296.40	0.251	0.238	-----	-----	-----	-----	-----	-----	-----	0.238
37.40	0.000	296.40	0.251	0.238	-----	-----	-----	-----	-----	-----	-----	0.238
37.43	0.000	296.39	0.250	0.237	-----	-----	-----	-----	-----	-----	-----	0.237
37.47	0.000	296.39	0.250	0.237	-----	-----	-----	-----	-----	-----	-----	0.237
37.50	0.000	296.39	0.250	0.237	-----	-----	-----	-----	-----	-----	-----	0.237
37.53	0.000	296.39	0.250	0.237	-----	-----	-----	-----	-----	-----	-----	0.237
37.57	0.000	296.39	0.250	0.237	-----	-----	-----	-----	-----	-----	-----	0.237
37.60	0.000	296.39	0.249	0.237	-----	-----	-----	-----	-----	-----	-----	0.237
37.63	0.000	296.39	0.249	0.237	-----	-----	-----	-----	-----	-----	-----	0.237
37.67	0.000	296.39	0.249	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
37.70	0.000	296.39	0.249	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
37.73	0.000	296.38	0.249	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
37.77	0.000	296.38	0.248	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
37.80	0.000	296.38	0.248	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
37.83	0.000	296.38	0.248	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
37.87	0.000	296.38	0.248	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
37.90	0.000	296.38	0.248	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
37.93	0.000	296.38	0.248	0.235	-----	-----	-----	-----	-----	-----	-----	0.235
37.97	0.000	296.38	0.247	0.235	-----	-----	-----	-----	-----	-----	-----	0.235
38.00	0.000	296.38	0.247	0.235	-----	-----	-----	-----	-----	-----	-----	0.235
38.03	0.000	296.38	0.247	0.235	-----	-----	-----	-----	-----	-----	-----	0.235
38.07	0.000	296.37	0.247	0.235	-----	-----	-----	-----	-----	-----	-----	0.235

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
38.10	0.000	296.37	0.247	0.235	-----	-----	-----	-----	-----	-----	-----	0.235
38.13	0.000	296.37	0.246	0.235	-----	-----	-----	-----	-----	-----	-----	0.235
38.17	0.000	296.37	0.246	0.235	-----	-----	-----	-----	-----	-----	-----	0.235
38.20	0.000	296.37	0.246	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
38.23	0.000	296.37	0.246	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
38.27	0.000	296.37	0.246	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
38.30	0.000	296.37	0.246	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
38.33	0.000	296.37	0.245	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
38.37	0.000	296.37	0.245	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
38.40	0.000	296.36	0.245	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
38.43	0.000	296.36	0.245	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
38.47	0.000	296.36	0.245	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
38.50	0.000	296.36	0.244	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
38.53	0.000	296.36	0.244	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
38.57	0.000	296.36	0.244	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
38.60	0.000	296.36	0.244	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
38.63	0.000	296.36	0.244	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
38.67	0.000	296.36	0.244	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
38.70	0.000	296.35	0.243	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
38.73	0.000	296.35	0.243	0.232	-----	-----	-----	-----	-----	-----	-----	0.232
38.77	0.000	296.35	0.243	0.232	-----	-----	-----	-----	-----	-----	-----	0.232
38.80	0.000	296.35	0.243	0.232	-----	-----	-----	-----	-----	-----	-----	0.232
38.83	0.000	296.35	0.243	0.232	-----	-----	-----	-----	-----	-----	-----	0.232
38.87	0.000	296.35	0.242	0.232	-----	-----	-----	-----	-----	-----	-----	0.232
38.90	0.000	296.35	0.242	0.232	-----	-----	-----	-----	-----	-----	-----	0.232
38.93	0.000	296.35	0.242	0.232	-----	-----	-----	-----	-----	-----	-----	0.232
38.97	0.000	296.35	0.242	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
39.00	0.000	296.35	0.242	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
39.03	0.000	296.34	0.242	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
39.07	0.000	296.34	0.241	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
39.10	0.000	296.34	0.241	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
39.13	0.000	296.34	0.241	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
39.17	0.000	296.34	0.241	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
39.20	0.000	296.34	0.241	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
39.23	0.000	296.34	0.240	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
39.27	0.000	296.34	0.240	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
39.30	0.000	296.34	0.240	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
39.33	0.000	296.34	0.240	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
39.37	0.000	296.33	0.240	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
39.40	0.000	296.33	0.240	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
39.43	0.000	296.33	0.239	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
39.47	0.000	296.33	0.239	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
39.50	0.000	296.33	0.239	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
39.53	0.000	296.33	0.239	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
39.57	0.000	296.33	0.239	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
39.60	0.000	296.33	0.238	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
39.63	0.000	296.33	0.238	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
39.67	0.000	296.33	0.238	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
39.70	0.000	296.32	0.238	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
39.73	0.000	296.32	0.238	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
39.77	0.000	296.32	0.238	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
39.80	0.000	296.32	0.237	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
39.83	0.000	296.32	0.237	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
39.87	0.000	296.32	0.237	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
39.90	0.000	296.32	0.237	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
39.93	0.000	296.32	0.237	0.228	-----	-----	-----	-----	-----	-----	-----	0.228

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
39.97	0.000	296.32	0.236	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
40.00	0.000	296.32	0.236	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
40.03	0.000	296.31	0.236	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
40.07	0.000	296.31	0.236	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
40.10	0.000	296.31	0.236	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
40.13	0.000	296.31	0.236	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
40.17	0.000	296.31	0.235	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
40.20	0.000	296.31	0.235	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
40.23	0.000	296.31	0.235	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
40.27	0.000	296.31	0.235	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
40.30	0.000	296.31	0.235	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
40.33	0.000	296.31	0.234	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
40.37	0.000	296.30	0.234	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
40.40	0.000	296.30	0.234	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
40.43	0.000	296.30	0.234	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
40.47	0.000	296.30	0.234	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
40.50	0.000	296.30	0.234	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
40.53	0.000	296.30	0.233	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
40.57	0.000	296.30	0.233	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
40.60	0.000	296.30	0.233	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
40.63	0.000	296.30	0.233	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
40.67	0.000	296.30	0.233	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
40.70	0.000	296.29	0.233	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
40.73	0.000	296.29	0.232	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
40.77	0.000	296.29	0.232	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
40.80	0.000	296.29	0.232	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
40.83	0.000	296.29	0.232	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
40.87	0.000	296.29	0.232	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
40.90	0.000	296.29	0.231	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
40.93	0.000	296.29	0.231	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
40.97	0.000	296.29	0.231	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
41.00	0.000	296.29	0.231	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
41.03	0.000	296.28	0.231	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
41.07	0.000	296.28	0.231	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
41.10	0.000	296.28	0.230	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
41.13	0.000	296.28	0.230	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
41.17	0.000	296.28	0.230	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
41.20	0.000	296.28	0.230	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
41.23	0.000	296.28	0.230	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
41.27	0.000	296.28	0.230	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
41.30	0.000	296.28	0.229	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
41.33	0.000	296.28	0.229	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
41.37	0.000	296.27	0.229	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
41.40	0.000	296.27	0.229	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
41.43	0.000	296.27	0.229	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
41.47	0.000	296.27	0.228	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
41.50	0.000	296.27	0.228	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
41.53	0.000	296.27	0.228	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
41.57	0.000	296.27	0.228	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
41.60	0.000	296.27	0.228	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
41.63	0.000	296.27	0.228	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
41.67	0.000	296.27	0.227	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
41.70	0.000	296.26	0.227	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
41.73	0.000	296.26	0.227	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
41.77	0.000	296.26	0.227	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
41.80	0.000	296.26	0.227	0.221	-----	-----	-----	-----	-----	-----	-----	0.221

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.83	0.000	296.26	0.227	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
41.87	0.000	296.26	0.226	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
41.90	0.000	296.26	0.226	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
41.93	0.000	296.26	0.226	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
41.97	0.000	296.26	0.226	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
42.00	0.000	296.26	0.226	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
42.03	0.000	296.25	0.226	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
42.07	0.000	296.25	0.225	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
42.10	0.000	296.25	0.225	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
42.13	0.000	296.25	0.225	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
42.17	0.000	296.25	0.225	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
42.20	0.000	296.25	0.225	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
42.23	0.000	296.25	0.224	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
42.27	0.000	296.25	0.224	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
42.30	0.000	296.25	0.224	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
42.33	0.000	296.25	0.224	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
42.37	0.000	296.25	0.224	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
42.40	0.000	296.24	0.224	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
42.43	0.000	296.24	0.223	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
42.47	0.000	296.24	0.223	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
42.50	0.000	296.24	0.223	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
42.53	0.000	296.24	0.223	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
42.57	0.000	296.24	0.223	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
42.60	0.000	296.24	0.223	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
42.63	0.000	296.24	0.222	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
42.67	0.000	296.24	0.222	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
42.70	0.000	296.24	0.222	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
42.73	0.000	296.23	0.222	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
42.77	0.000	296.23	0.222	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
42.80	0.000	296.23	0.222	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
42.83	0.000	296.23	0.221	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
42.87	0.000	296.23	0.221	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
42.90	0.000	296.23	0.221	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
42.93	0.000	296.23	0.221	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
42.97	0.000	296.23	0.221	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
43.00	0.000	296.23	0.221	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
43.03	0.000	296.23	0.220	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
43.07	0.000	296.22	0.220	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
43.10	0.000	296.22	0.220	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
43.13	0.000	296.22	0.220	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
43.17	0.000	296.22	0.220	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
43.20	0.000	296.22	0.220	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
43.23	0.000	296.22	0.219	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
43.27	0.000	296.22	0.219	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
43.30	0.000	296.22	0.219	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
43.33	0.000	296.22	0.219	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
43.37	0.000	296.22	0.219	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
43.40	0.000	296.22	0.219	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
43.43	0.000	296.21	0.218	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
43.47	0.000	296.21	0.218	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
43.50	0.000	296.21	0.218	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
43.53	0.000	296.21	0.218	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
43.57	0.000	296.21	0.218	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
43.60	0.000	296.21	0.218	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
43.63	0.000	296.21	0.217	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
43.67	0.000	296.21	0.217	0.214	-----	-----	-----	-----	-----	-----	-----	0.214

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
43.70	0.000	296.21	0.217	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
43.73	0.000	296.21	0.217	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
43.77	0.000	296.20	0.217	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
43.80	0.000	296.20	0.216	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
43.83	0.000	296.20	0.216	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
43.87	0.000	296.20	0.216	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
43.90	0.000	296.20	0.216	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
43.93	0.000	296.20	0.216	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
43.97	0.000	296.20	0.216	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
44.00	0.000	296.20	0.216	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
44.03	0.000	296.20	0.215	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
44.07	0.000	296.20	0.215	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
44.10	0.000	296.20	0.215	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
44.13	0.000	296.19	0.215	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
44.17	0.000	296.19	0.215	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
44.20	0.000	296.19	0.215	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
44.23	0.000	296.19	0.215	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
44.27	0.000	296.19	0.214	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
44.30	0.000	296.19	0.214	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
44.33	0.000	296.19	0.214	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
44.37	0.000	296.19	0.214	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
44.40	0.000	296.19	0.214	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
44.43	0.000	296.19	0.214	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
44.47	0.000	296.19	0.214	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
44.50	0.000	296.18	0.213	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
44.53	0.000	296.18	0.213	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
44.57	0.000	296.18	0.213	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
44.60	0.000	296.18	0.213	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
44.63	0.000	296.18	0.213	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
44.67	0.000	296.18	0.213	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
44.70	0.000	296.18	0.213	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
44.73	0.000	296.18	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
44.77	0.000	296.18	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
44.80	0.000	296.18	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
44.83	0.000	296.18	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
44.87	0.000	296.17	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
44.90	0.000	296.17	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
44.93	0.000	296.17	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
44.97	0.000	296.17	0.211	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
45.00	0.000	296.17	0.211	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
45.03	0.000	296.17	0.211	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
45.07	0.000	296.17	0.211	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
45.10	0.000	296.17	0.211	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
45.13	0.000	296.17	0.211	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
45.17	0.000	296.17	0.211	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
45.20	0.000	296.16	0.210	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
45.23	0.000	296.16	0.210	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
45.27	0.000	296.16	0.210	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
45.30	0.000	296.16	0.210	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
45.33	0.000	296.16	0.210	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
45.37	0.000	296.16	0.210	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
45.40	0.000	296.16	0.210	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
45.43	0.000	296.16	0.209	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
45.47	0.000	296.16	0.209	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
45.50	0.000	296.16	0.209	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
45.53	0.000	296.16	0.209	0.207	-----	-----	-----	-----	-----	-----	-----	0.207

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
45.57	0.000	296.15	0.209	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
45.60	0.000	296.15	0.209	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
45.63	0.000	296.15	0.209	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
45.67	0.000	296.15	0.208	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
45.70	0.000	296.15	0.208	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
45.73	0.000	296.15	0.208	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
45.77	0.000	296.15	0.208	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
45.80	0.000	296.15	0.208	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
45.83	0.000	296.15	0.208	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
45.87	0.000	296.15	0.208	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
45.90	0.000	296.15	0.208	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
45.93	0.000	296.14	0.207	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
45.97	0.000	296.14	0.207	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
46.00	0.000	296.14	0.207	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
46.03	0.000	296.14	0.207	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
46.07	0.000	296.14	0.207	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
46.10	0.000	296.14	0.207	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
46.13	0.000	296.14	0.207	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
46.17	0.000	296.14	0.206	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
46.20	0.000	296.14	0.206	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
46.23	0.000	296.14	0.206	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
46.27	0.000	296.14	0.206	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
46.30	0.000	296.13	0.206	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
46.33	0.000	296.13	0.206	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
46.37	0.000	296.13	0.206	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
46.40	0.000	296.13	0.205	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
46.43	0.000	296.13	0.205	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
46.47	0.000	296.13	0.205	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
46.50	0.000	296.13	0.205	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
46.53	0.000	296.13	0.205	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
46.57	0.000	296.13	0.205	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
46.60	0.000	296.13	0.205	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
46.63	0.000	296.13	0.204	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
46.67	0.000	296.12	0.204	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
46.70	0.000	296.12	0.204	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
46.73	0.000	296.12	0.204	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
46.77	0.000	296.12	0.204	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
46.80	0.000	296.12	0.204	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
46.83	0.000	296.12	0.204	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
46.87	0.000	296.12	0.204	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
46.90	0.000	296.12	0.203	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
46.93	0.000	296.12	0.203	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
46.97	0.000	296.12	0.203	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
47.00	0.000	296.12	0.203	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
47.03	0.000	296.12	0.203	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
47.07	0.000	296.11	0.203	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
47.10	0.000	296.11	0.203	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
47.13	0.000	296.11	0.202	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
47.17	0.000	296.11	0.202	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
47.20	0.000	296.11	0.202	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
47.23	0.000	296.11	0.202	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
47.27	0.000	296.11	0.202	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
47.30	0.000	296.11	0.202	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
47.33	0.000	296.11	0.202	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
47.37	0.000	296.11	0.201	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
47.40	0.000	296.11	0.201	0.200	-----	-----	-----	-----	-----	-----	-----	0.200

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
47.43	0.000	296.10	0.201	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
47.47	0.000	296.10	0.201	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
47.50	0.000	296.10	0.201	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
47.53	0.000	296.10	0.201	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
47.57	0.000	296.10	0.201	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
47.60	0.000	296.10	0.201	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
47.63	0.000	296.10	0.200	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
47.67	0.000	296.10	0.200	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
47.70	0.000	296.10	0.200	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
47.73	0.000	296.10	0.200	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
47.77	0.000	296.10	0.200	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
47.80	0.000	296.09	0.200	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
47.83	0.000	296.09	0.200	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
47.87	0.000	296.09	0.199	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
47.90	0.000	296.09	0.199	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
47.93	0.000	296.09	0.199	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
47.97	0.000	296.09	0.199	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
48.00	0.000	296.09	0.199	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
48.03	0.000	296.09	0.199	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
48.07	0.000	296.09	0.199	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
48.10	0.000	296.09	0.199	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
48.13	0.000	296.09	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
48.17	0.000	296.09	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
48.20	0.000	296.08	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
48.23	0.000	296.08	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
48.27	0.000	296.08	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
48.30	0.000	296.08	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
48.33	0.000	296.08	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
48.37	0.000	296.08	0.197	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
48.40	0.000	296.08	0.197	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
48.43	0.000	296.08	0.197	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
48.47	0.000	296.08	0.197	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
48.50	0.000	296.08	0.197	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
48.53	0.000	296.08	0.197	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
48.57	0.000	296.07	0.197	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
48.60	0.000	296.07	0.197	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
48.63	0.000	296.07	0.196	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
48.67	0.000	296.07	0.196	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
48.70	0.000	296.07	0.196	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
48.73	0.000	296.07	0.196	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
48.77	0.000	296.07	0.196	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
48.80	0.000	296.07	0.196	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
48.83	0.000	296.07	0.196	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
48.87	0.000	296.07	0.196	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
48.90	0.000	296.07	0.195	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
48.93	0.000	296.07	0.195	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
48.97	0.000	296.06	0.195	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
49.00	0.000	296.06	0.195	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
49.03	0.000	296.06	0.195	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
49.07	0.000	296.06	0.195	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
49.10	0.000	296.06	0.195	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
49.13	0.000	296.06	0.194	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
49.17	0.000	296.06	0.194	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
49.20	0.000	296.06	0.194	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
49.23	0.000	296.06	0.194	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
49.27	0.000	296.06	0.194	0.193	-----	-----	-----	-----	-----	-----	-----	0.193

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
49.30	0.000	296.06	0.194	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
49.33	0.000	296.05	0.194	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
49.37	0.000	296.05	0.194	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
49.40	0.000	296.05	0.193	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
49.43	0.000	296.05	0.193	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
49.47	0.000	296.05	0.193	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
49.50	0.000	296.05	0.193	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
49.53	0.000	296.05	0.193	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
49.57	0.000	296.05	0.193	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
49.60	0.000	296.05	0.193	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
49.63	0.000	296.05	0.193	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
49.67	0.000	296.05	0.192	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
49.70	0.000	296.05	0.192	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
49.73	0.000	296.04	0.192	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
49.77	0.000	296.04	0.192	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
49.80	0.000	296.04	0.192	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
49.83	0.000	296.04	0.192	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
49.87	0.000	296.04	0.192	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
49.90	0.000	296.04	0.191	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
49.93	0.000	296.04	0.191	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
49.97	0.000	296.04	0.191	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
50.00	0.000	296.04	0.191	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
50.03	0.000	296.04	0.191	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
50.07	0.000	296.04	0.191	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
50.10	0.000	296.04	0.191	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
50.13	0.000	296.03	0.191	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
50.17	0.000	296.03	0.190	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
50.20	0.000	296.03	0.190	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
50.23	0.000	296.03	0.190	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
50.27	0.000	296.03	0.190	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
50.30	0.000	296.03	0.190	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
50.33	0.000	296.03	0.190	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
50.37	0.000	296.03	0.190	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
50.40	0.000	296.03	0.190	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
50.43	0.000	296.03	0.189	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
50.47	0.000	296.03	0.189	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
50.50	0.000	296.03	0.189	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
50.53	0.000	296.02	0.189	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
50.57	0.000	296.02	0.189	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
50.60	0.000	296.02	0.189	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
50.63	0.000	296.02	0.189	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
50.67	0.000	296.02	0.189	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
50.70	0.000	296.02	0.188	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
50.73	0.000	296.02	0.188	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
50.77	0.000	296.02	0.188	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
50.80	0.000	296.02	0.188	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
50.83	0.000	296.02	0.188	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
50.87	0.000	296.02	0.188	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
50.90	0.000	296.02	0.188	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
50.93	0.000	296.01	0.188	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
50.97	0.000	296.01	0.187	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
51.00	0.000	296.01	0.187	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
51.03	0.000	296.01	0.187	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
51.07	0.000	296.01	0.187	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
51.10	0.000	296.01	0.187	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
51.13	0.000	296.01	0.187	0.187	-----	-----	-----	-----	-----	-----	-----	0.187

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
51.17	0.000	296.01	0.187	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
51.20	0.000	296.01	0.187	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
51.23	0.000	296.01	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
51.27	0.000	296.01	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
51.30	0.000	296.01	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
51.33	0.000	296.00	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
51.37	0.000	296.00	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
51.40	0.000	296.00	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
51.43	0.000	296.00	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
51.47	0.000	296.00	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
51.50	0.000	296.00	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
51.53	0.000	296.00	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
51.57	0.000	296.00	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
51.60	0.000	296.00	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
51.63	0.000	296.00	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
51.67	0.000	296.00	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
51.70	0.000	295.99	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
51.73	0.000	295.99	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
51.77	0.000	295.99	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
51.80	0.000	295.99	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
51.83	0.000	295.99	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
51.87	0.000	295.99	0.184	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
51.90	0.000	295.99	0.183	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
51.93	0.000	295.99	0.183	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
51.97	0.000	295.99	0.183	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
52.00	0.000	295.98	0.183	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
52.03	0.000	295.98	0.183	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
52.07	0.000	295.98	0.183	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
52.10	0.000	295.98	0.182	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
52.13	0.000	295.98	0.182	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
52.17	0.000	295.98	0.182	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
52.20	0.000	295.98	0.182	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
52.23	0.000	295.98	0.182	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
52.27	0.000	295.98	0.182	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
52.30	0.000	295.97	0.181	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
52.33	0.000	295.97	0.181	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
52.37	0.000	295.97	0.181	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
52.40	0.000	295.97	0.181	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
52.43	0.000	295.97	0.181	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
52.47	0.000	295.97	0.181	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
52.50	0.000	295.97	0.181	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
52.53	0.000	295.97	0.180	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
52.57	0.000	295.97	0.180	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
52.60	0.000	295.96	0.180	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
52.63	0.000	295.96	0.180	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
52.67	0.000	295.96	0.180	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
52.70	0.000	295.96	0.180	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
52.73	0.000	295.96	0.179	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
52.77	0.000	295.96	0.179	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
52.80	0.000	295.96	0.179	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
52.83	0.000	295.96	0.179	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
52.87	0.000	295.96	0.179	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
52.90	0.000	295.95	0.179	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
52.93	0.000	295.95	0.178	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
52.97	0.000	295.95	0.178	0.177	-----	-----	-----	-----	-----	-----	-----	0.177
53.00	0.000	295.95	0.178	0.177	-----	-----	-----	-----	-----	-----	-----	0.177

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
53.03	0.000	295.95	0.178	0.177	-----	-----	-----	-----	-----	-----	-----	0.177
53.07	0.000	295.95	0.178	0.177	-----	-----	-----	-----	-----	-----	-----	0.177
53.10	0.000	295.95	0.178	0.177	-----	-----	-----	-----	-----	-----	-----	0.177
53.13	0.000	295.95	0.177	0.177	-----	-----	-----	-----	-----	-----	-----	0.177
53.17	0.000	295.95	0.177	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
53.20	0.000	295.95	0.177	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
53.23	0.000	295.94	0.177	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
53.27	0.000	295.94	0.177	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
53.30	0.000	295.94	0.177	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
53.33	0.000	295.94	0.177	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
53.37	0.000	295.94	0.176	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
53.40	0.000	295.94	0.176	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
53.43	0.000	295.94	0.176	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
53.47	0.000	295.94	0.176	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
53.50	0.000	295.94	0.176	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
53.53	0.000	295.93	0.176	0.174	-----	-----	-----	-----	-----	-----	-----	0.175
53.57	0.000	295.93	0.175	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
53.60	0.000	295.93	0.175	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
53.63	0.000	295.93	0.175	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
53.67	0.000	295.93	0.175	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
53.70	0.000	295.93	0.175	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
53.73	0.000	295.93	0.175	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
53.77	0.000	295.93	0.174	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
53.80	0.000	295.93	0.174	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
53.83	0.000	295.93	0.174	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
53.87	0.000	295.92	0.174	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
53.90	0.000	295.92	0.174	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
53.93	0.000	295.92	0.174	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
53.97	0.000	295.92	0.174	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
54.00	0.000	295.92	0.173	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
54.03	0.000	295.92	0.173	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
54.07	0.000	295.92	0.173	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
54.10	0.000	295.92	0.173	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
54.13	0.000	295.92	0.173	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
54.17	0.000	295.91	0.173	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
54.20	0.000	295.91	0.172	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
54.23	0.000	295.91	0.172	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
54.27	0.000	295.91	0.172	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
54.30	0.000	295.91	0.172	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
54.33	0.000	295.91	0.172	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
54.37	0.000	295.91	0.172	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
54.40	0.000	295.91	0.172	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
54.43	0.000	295.91	0.171	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
54.47	0.000	295.91	0.171	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
54.50	0.000	295.90	0.171	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
54.53	0.000	295.90	0.171	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
54.57	0.000	295.90	0.171	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
54.60	0.000	295.90	0.171	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
54.63	0.000	295.90	0.170	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
54.67	0.000	295.90	0.170	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
54.70	0.000	295.90	0.170	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
54.73	0.000	295.90	0.170	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
54.77	0.000	295.90	0.170	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
54.80	0.000	295.90	0.170	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
54.83	0.000	295.89	0.170	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
54.87	0.000	295.89	0.169	0.168	-----	-----	-----	-----	-----	-----	-----	0.168

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
54.90	0.000	295.89	0.169	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
54.93	0.000	295.89	0.169	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
54.97	0.000	295.89	0.169	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
55.00	0.000	295.89	0.169	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
55.03	0.000	295.89	0.169	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
55.07	0.000	295.89	0.169	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
55.10	0.000	295.89	0.168	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
55.13	0.000	295.89	0.168	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
55.17	0.000	295.88	0.168	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
55.20	0.000	295.88	0.168	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
55.23	0.000	295.88	0.168	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
55.27	0.000	295.88	0.168	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
55.30	0.000	295.88	0.167	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
55.33	0.000	295.88	0.167	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
55.37	0.000	295.88	0.167	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
55.40	0.000	295.88	0.167	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
55.43	0.000	295.88	0.167	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
55.47	0.000	295.88	0.167	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
55.50	0.000	295.87	0.167	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
55.53	0.000	295.87	0.166	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
55.57	0.000	295.87	0.166	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
55.60	0.000	295.87	0.166	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
55.63	0.000	295.87	0.166	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
55.67	0.000	295.87	0.166	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
55.70	0.000	295.87	0.166	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
55.73	0.000	295.87	0.166	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
55.77	0.000	295.87	0.165	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
55.80	0.000	295.87	0.165	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
55.83	0.000	295.86	0.165	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
55.87	0.000	295.86	0.165	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
55.90	0.000	295.86	0.165	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
55.93	0.000	295.86	0.165	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
55.97	0.000	295.86	0.165	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
56.00	0.000	295.86	0.164	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
56.03	0.000	295.86	0.164	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
56.07	0.000	295.86	0.164	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
56.10	0.000	295.86	0.164	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
56.13	0.000	295.86	0.164	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
56.17	0.000	295.85	0.164	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
56.20	0.000	295.85	0.164	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
56.23	0.000	295.85	0.163	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
56.27	0.000	295.85	0.163	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
56.30	0.000	295.85	0.163	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
56.33	0.000	295.85	0.163	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
56.37	0.000	295.85	0.163	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
56.40	0.000	295.85	0.163	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
56.43	0.000	295.85	0.162	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
56.47	0.000	295.85	0.162	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
56.50	0.000	295.85	0.162	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
56.53	0.000	295.84	0.162	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
56.57	0.000	295.84	0.162	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
56.60	0.000	295.84	0.162	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
56.63	0.000	295.84	0.162	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
56.67	0.000	295.84	0.161	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
56.70	0.000	295.84	0.161	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
56.73	0.000	295.84	0.161	0.159	-----	-----	-----	-----	-----	-----	-----	0.159

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
56.77	0.000	295.84	0.161	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
56.80	0.000	295.84	0.161	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
56.83	0.000	295.84	0.161	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
56.87	0.000	295.83	0.161	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
56.90	0.000	295.83	0.161	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
56.93	0.000	295.83	0.160	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
56.97	0.000	295.83	0.160	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
57.00	0.000	295.83	0.160	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
57.03	0.000	295.83	0.160	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
57.07	0.000	295.83	0.160	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
57.10	0.000	295.83	0.160	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
57.13	0.000	295.83	0.160	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
57.17	0.000	295.83	0.159	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
57.20	0.000	295.83	0.159	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
57.23	0.000	295.82	0.159	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
57.27	0.000	295.82	0.159	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
57.30	0.000	295.82	0.159	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
57.33	0.000	295.82	0.159	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
57.37	0.000	295.82	0.159	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
57.40	0.000	295.82	0.158	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
57.43	0.000	295.82	0.158	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
57.47	0.000	295.82	0.158	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
57.50	0.000	295.82	0.158	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
57.53	0.000	295.82	0.158	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
57.57	0.000	295.81	0.158	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
57.60	0.000	295.81	0.158	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
57.63	0.000	295.81	0.157	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
57.67	0.000	295.81	0.157	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
57.70	0.000	295.81	0.157	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
57.73	0.000	295.81	0.157	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
57.77	0.000	295.81	0.157	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
57.80	0.000	295.81	0.157	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
57.83	0.000	295.81	0.157	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
57.87	0.000	295.81	0.156	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
57.90	0.000	295.81	0.156	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
57.93	0.000	295.80	0.156	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
57.97	0.000	295.80	0.156	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
58.00	0.000	295.80	0.156	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
58.03	0.000	295.80	0.156	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
58.07	0.000	295.80	0.156	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
58.10	0.000	295.80	0.155	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
58.13	0.000	295.80	0.155	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
58.17	0.000	295.80	0.155	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
58.20	0.000	295.80	0.155	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
58.23	0.000	295.80	0.155	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
58.27	0.000	295.80	0.154	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
58.30	0.000	295.79	0.154	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
58.33	0.000	295.79	0.154	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
58.37	0.000	295.79	0.154	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
58.40	0.000	295.79	0.154	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
58.43	0.000	295.79	0.153	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
58.47	0.000	295.79	0.153	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
58.50	0.000	295.79	0.153	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
58.53	0.000	295.79	0.153	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
58.57	0.000	295.79	0.153	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
58.60	0.000	295.79	0.152	0.149	-----	-----	-----	-----	-----	-----	-----	0.149

Continues on next page...

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
58.63	0.000	295.79	0.152	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
58.67	0.000	295.78	0.152	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
58.70	0.000	295.78	0.152	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
58.73	0.000	295.78	0.152	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
58.77	0.000	295.78	0.151	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
58.80	0.000	295.78	0.151	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
58.83	0.000	295.78	0.151	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
58.87	0.000	295.78	0.151	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
58.90	0.000	295.78	0.151	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
58.93	0.000	295.78	0.150	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
58.97	0.000	295.78	0.150	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
59.00	0.000	295.78	0.150	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
59.03	0.000	295.77	0.150	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
59.07	0.000	295.77	0.149	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
59.10	0.000	295.77	0.149	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
59.13	0.000	295.77	0.149	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
59.17	0.000	295.77	0.149	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
59.20	0.000	295.77	0.149	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
59.23	0.000	295.77	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
59.27	0.000	295.77	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
59.30	0.000	295.77	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
59.33	0.000	295.77	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
59.37	0.000	295.77	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
59.40	0.000	295.77	0.147	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
59.43	0.000	295.76	0.147	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
59.47	0.000	295.76	0.147	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
59.50	0.000	295.76	0.147	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
59.53	0.000	295.76	0.147	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
59.57	0.000	295.76	0.146	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
59.60	0.000	295.76	0.146	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
59.63	0.000	295.76	0.146	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
59.67	0.000	295.76	0.146	0.143	-----	-----	-----	-----	-----	-----	-----	0.143

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 32

Design Point E

Hydrograph type	= Combine	Peak discharge	= 7.754 cfs
Storm frequency	= 1 yrs	Time to peak	= 12.30 hrs
Time interval	= 2 min	Hyd. volume	= 86,400 cuft
Inflow hyds.	= 9, 31	Contrib. drain. area	= 10.850 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 9 + (cfs)	Hyd. 31 = (cfs)	Outflow (cfs)
12.07	3.974	0.000	3.974
12.10	4.762	0.000	4.762
12.13	5.557	0.000	5.557
12.17	6.318	0.000	6.318
12.20	6.969	0.009	6.978
12.23	7.418	0.028	7.447
12.27	7.634	0.056	7.690
12.30	7.667 <<	0.087	7.754 <<
12.33	7.583	0.113	7.696
12.37	7.420	0.127	7.547
12.40	7.180	0.140	7.320
12.43	6.868	0.151	7.019
12.47	6.488	0.160	6.648
12.50	6.045	0.167	6.212
12.53	5.549	0.174	5.723
12.57	5.024	0.180	5.204
12.60	4.506	0.185	4.690
12.63	4.036	0.188	4.224

...End

APPENDIX 7

10-YEAR DESIGN STORM HYDROGRAPHS

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 1

EX-A

Hydrograph type	=	SCS Runoff	Peak discharge	=	265.19 cfs
Storm frequency	=	10 yrs	Time to peak	=	736 min
Time interval	=	2 min	Hyd. volume	=	403,189 cuft
Drainage area	=	127.280 ac	Curve number	=	73
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	21.6 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (min cfs)	
722	134.21
724	158.78
726	184.17
728	209.15
730	232.22
732	250.80
734	262.00
736	265.19 <<
738	262.40
740	255.97
742	247.19
744	236.21
746	223.22
748	208.41
750	191.98
752	174.25
754	156.03
756	138.53

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 — Wednesday, Jan 19, 2011

Hyd. No. 2

EX-B

Hydrograph type	= SCS Runoff	Peak discharge	= 0.108 cfs
Storm frequency	= 10 yrs	Time to peak	= 752 min
Time interval	= 2 min	Hyd. volume	= 0 cuft
Drainage area	= 2.440 ac	Curve number	= 37
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= USER	Time of conc. (Tc)	= 13.2 min
Total precip.	= 5.50 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (min)	Outflow (cfs)	Time (min)	Outflow (cfs)	Time (min)	Outflow (cfs)	Time (min)	Outflow (cfs)
744	0.068	822	0.083	900	0.073	978	0.054
746	0.084	824	0.083	902	0.073	980	0.054
748	0.097	826	0.083	904	0.072	982	0.054
750	0.105	828	0.083	906	0.072		
752	0.108 <<	830	0.082	908	0.071	*...End*	
754	0.107	832	0.082	910	0.071		
756	0.103	834	0.081	912	0.071		
758	0.099	836	0.081	914	0.070		
760	0.096	838	0.081	916	0.070		
762	0.093	840	0.080	918	0.069		
764	0.091	842	0.080	920	0.069		
766	0.090	844	0.079	922	0.068		
768	0.090	846	0.079	924	0.068		
770	0.090	848	0.078	926	0.068		
772	0.090	850	0.078	928	0.067		
774	0.089	852	0.078	930	0.067		
776	0.089	854	0.077	932	0.066		
778	0.088	856	0.077	934	0.066		
780	0.087	858	0.077	936	0.065		
782	0.086	860	0.077	938	0.065		
784	0.085	862	0.077	940	0.064		
786	0.084	864	0.077	942	0.063		
788	0.083	866	0.077	944	0.063		
790	0.083	868	0.077	946	0.062		
792	0.082	870	0.077	948	0.062		
794	0.082	872	0.076	950	0.061		
796	0.083	874	0.076	952	0.061		
798	0.083	876	0.076	954	0.060		
800	0.083	878	0.076	956	0.059		
802	0.083	880	0.076	958	0.059		
804	0.083	882	0.075	960	0.058		
806	0.084	884	0.075	962	0.058		
808	0.084	886	0.075	964	0.057		
810	0.084	888	0.075	966	0.056		
812	0.084	890	0.074	968	0.056		
814	0.084	892	0.074	970	0.056		
816	0.084	894	0.074	972	0.055		
818	0.084	896	0.074	974	0.055		
820	0.083	898	0.073	976	0.055		

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 3

EX-C

Hydrograph type	=	SCS Runoff	Peak discharge	=	24.00 cfs
Storm frequency	=	10 yrs	Time to peak	=	730 min
Time interval	=	2 min	Hyd. volume	=	31,466 cuft
Drainage area	=	10.370 ac	Curve number	=	73
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	13.8 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (min cfs)	
720	12.00
722	14.65
724	17.65
726	20.55
728	22.83
730	24.00 <<
732	23.98
734	23.11
736	21.77
738	20.20
740	18.41
742	16.52
744	14.68
746	13.10

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 4

EX-D

Hydrograph type	=	SCS Runoff	Peak discharge	=	26.31 cfs
Storm frequency	=	10 yrs	Time to peak	=	730 min
Time interval	=	2 min	Hyd. volume	=	39,329 cuft
Drainage area	=	9.350 ac	Curve number	=	79
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	16.2 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (min	Outflow cfs)
720	13.89
722	16.72
724	19.90
726	22.93
728	25.23
730	26.31 <<
732	26.10
734	24.99
736	23.40
738	21.57
740	19.54
742	17.42
744	15.40
746	13.67

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 5

EX-E

Hydrograph type	=	SCS Runoff	Peak discharge	=	36.88 cfs
Storm frequency	=	10 yrs	Time to peak	=	736 min
Time interval	=	2 min	Hyd. volume	=	56,069 cuft
Drainage area	=	17.700 ac	Curve number	=	73
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	23.4 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (min cfs)	
722	18.66
724	22.08
726	25.61
728	29.08
730	32.29
732	34.88
734	36.43
736	36.88 <<
738	36.49
740	35.60
742	34.37
744	32.85
746	31.04
748	28.98
750	26.70
752	24.23
754	21.70
756	19.26

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 1

PR-A1

Hydrograph type	=	SCS Runoff	Peak discharge	=	39.44 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.17 hrs
Time interval	=	2 min	Hyd. volume	=	52,878 cuft
Drainage area	=	16.450 ac	Curve number	=	74
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	13.8 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)	
12.00	19.92
12.03	24.25
12.07	29.16
12.10	33.89
12.13	37.57
12.17	39.44 <<
12.20	39.36
12.23	37.88
12.27	35.66
12.30	33.04
12.33	30.08
12.37	26.96
12.40	23.94
12.43	21.34

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 2

PR-A2

Hydrograph type	=	SCS Runoff	Peak discharge	=	35.90 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.17 hrs
Time interval	=	2 min	Hyd. volume	=	48,121 cuft
Drainage area	=	14.970 ac	Curve number	=	74
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	15.6 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)	
12.00	18.13
12.03	22.07
12.07	26.53
12.10	30.84
12.13	34.19
12.17	35.90 <<
12.20	35.82
12.23	34.47
12.27	32.45
12.30	30.06
12.33	27.38
12.37	24.53
12.40	21.79
12.43	19.42

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 3

PR-A3

Hydrograph type	=	SCS Runoff	Peak discharge	=	39.52 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.23 hrs
Time interval	=	2 min	Hyd. volume	=	58,662 cuft
Drainage area	=	16.820 ac	Curve number	=	75
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	18.6 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)	
12.03	22.33
12.07	26.46
12.10	30.68
12.13	34.57
12.17	37.64
12.20	39.32
12.23	39.52 <<
12.27	38.63
12.30	37.13
12.33	35.26
12.37	33.06
12.40	30.58
12.43	27.85
12.47	24.98
12.50	22.19

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 4

PR-A4

Hydrograph type	=	SCS Runoff	Peak discharge	=	82.09 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.23 hrs
Time interval	=	2 min	Hyd. volume	=	116,395 cuft
Drainage area	=	37.400 ac	Curve number	=	73
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	18.6 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.03	45.49
12.07	54.14
12.10	63.02
12.13	71.25
12.17	77.80
12.20	81.49
12.23	82.09 <<
12.27	80.43
12.30	77.45
12.33	73.70
12.37	69.24
12.40	64.16
12.43	58.54
12.47	52.61
12.50	46.81
12.53	41.62

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 5

PR-A5

Hydrograph type	=	SCS Runoff	Peak discharge	=	79.38 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.13 hrs
Time interval	=	2 min	Hyd. volume	=	102,432 cuft
Drainage area	=	28.480 ac	Curve number	=	75
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	10.8 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)	
12.00	43.60
12.03	54.19
12.07	65.54
12.10	74.79
12.13	79.38 <<
12.17	78.92
12.20	74.94
12.23	69.20
12.27	62.65
12.30	55.71
12.33	49.09
12.37	43.59

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 6

PR-B

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.067 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.50 hrs
Time interval	=	2 min	Hyd. volume	=	0 cuft
Drainage area	=	0.980 ac	Curve number	=	38
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	13.2 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)		Time -- Outflow (hrs cfs)		Time -- Outflow (hrs cfs)	
12.33	0.037	13.63	0.040	14.93	0.034
12.37	0.047	13.67	0.040	14.97	0.034
12.40	0.056	13.70	0.040	15.00	0.033
12.43	0.062	13.73	0.040		
12.47	0.066	13.77	0.039	*...End*	
12.50	0.067 <<	13.80	0.039		
12.53	0.065	13.83	0.039		
12.57	0.062	13.87	0.039		
12.60	0.059	13.90	0.038		
12.63	0.055	13.93	0.038		
12.67	0.052	13.97	0.038		
12.70	0.050	14.00	0.038		
12.73	0.048	14.03	0.037		
12.77	0.047	14.07	0.037		
12.80	0.047	14.10	0.037		
12.83	0.046	14.13	0.037		
12.87	0.046	14.17	0.036		
12.90	0.046	14.20	0.036		
12.93	0.045	14.23	0.036		
12.97	0.045	14.27	0.036		
13.00	0.044	14.30	0.036		
13.03	0.043	14.33	0.036		
13.07	0.042	14.37	0.036		
13.10	0.042	14.40	0.036		
13.13	0.041	14.43	0.036		
13.17	0.041	14.47	0.036		
13.20	0.041	14.50	0.036		
13.23	0.040	14.53	0.035		
13.27	0.040	14.57	0.035		
13.30	0.040	14.60	0.035		
13.33	0.040	14.63	0.035		
13.37	0.040	14.67	0.035		
13.40	0.040	14.70	0.035		
13.43	0.040	14.73	0.035		
13.47	0.040	14.77	0.035		
13.50	0.040	14.80	0.034		
13.53	0.040	14.83	0.034		
13.57	0.040	14.87	0.034		
13.60	0.040	14.90	0.034		

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 7

PR-C

Hydrograph type	=	SCS Runoff	Peak discharge	=	11.98 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.10 hrs
Time interval	=	2 min	Hyd. volume	=	14,385 cuft
Drainage area	=	3.700 ac	Curve number	=	77
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	9.6 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.00	7.331
12.03	9.360
12.07	11.16
12.10	11.98 <<
12.13	11.62
12.17	10.45
12.20	9.005
12.23	7.659
12.27	6.618

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 8

PR-D

Hydrograph type	=	SCS Runoff	Peak discharge	=	8.562 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.10 hrs
Time interval	=	2 min	Hyd. volume	=	13,517 cuft
Drainage area	=	1.960 ac	Curve number	=	89
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	8.4 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)	
11.97	4.466
12.00	5.557
12.03	6.937
12.07	8.110
12.10	8.562 <<
12.13	8.181
12.17	7.264
12.20	6.174
12.23	5.184
12.27	4.432

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 9

PR-E

Hydrograph type	=	SCS Runoff	Peak discharge	=	24.22 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.27 hrs
Time interval	=	2 min	Hyd. volume	=	38,517 cuft
Drainage area	=	10.850 ac	Curve number	=	75
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	23.4 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.03	12.53
12.07	14.76
12.10	17.05
12.13	19.30
12.17	21.36
12.20	23.01
12.23	23.98
12.27	24.22 <<
12.30	23.91
12.33	23.28
12.37	22.44
12.40	21.41
12.43	20.20
12.47	18.83
12.50	17.31
12.53	15.69
12.57	14.03
12.60	12.43

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 10

PR-F

Hydrograph type	=	SCS Runoff	Peak discharge	=	7.348 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.10 hrs
Time interval	=	2 min	Hyd. volume	=	6,803 cuft
Drainage area	=	3.440 ac	Curve number	=	66
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	8.4 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.00	4.147
12.03	5.463
12.07	6.693
12.10	7.348 <<
12.13	7.258
12.17	6.646
12.20	5.824
12.23	5.035
12.27	4.410
12.30	3.990
12.33	3.699

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 11

PR-G

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.52 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.10 hrs
Time interval	=	2 min	Hyd. volume	=	20,365 cuft
Drainage area	=	3.700 ac	Curve number	=	84
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	9.0 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
11.97	7.344
12.00	9.218
12.03	11.61
12.07	13.67
12.10	14.52 <<
12.13	13.95
12.17	12.45
12.20	10.64
12.23	8.976
12.27	7.705

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 12

PR-H

Hydrograph type	=	SCS Runoff	Peak discharge	=	34.71 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.17 hrs
Time interval	=	2 min	Hyd. volume	=	59,191 cuft
Drainage area	=	10.530 ac	Curve number	=	85
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	16.2 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)	
12.00	19.17
12.03	22.82
12.07	26.87
12.10	30.69
12.13	33.51
12.17	34.71 <<
12.20	34.22
12.23	32.58
12.27	30.35
12.30	27.82
12.33	25.07
12.37	22.23
12.40	19.55

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 13

PR-I

Hydrograph type	= SCS Runoff	Peak discharge	= 46.35 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 74,437 cuft
Drainage area	= 12.520 ac	Curve number	= 85
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= USER	Time of conc. (Tc)	= 10.8 min
Total precip.	= 5.50 in	Distribution	= Type III
Storm duration	= 24 hrs	Shape factor	= 484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.00	27.23
12.03	33.16
12.07	39.38
12.10	44.25
12.13	46.35 <<
12.17	45.56
12.20	42.82
12.23	39.13
12.27	35.06
12.30	30.86
12.33	26.93
12.37	23.72

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 14

PR-J

Hydrograph type	=	SCS Runoff	Peak discharge	=	9.021 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.13 hrs
Time interval	=	2 min	Hyd. volume	=	16,747 cuft
Drainage area	=	2.160 ac	Curve number	=	91
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	12.6 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Outflow (cfs)
11.97	4.621
12.00	5.475
12.03	6.601
12.07	7.772
12.10	8.668
12.13	9.021 <<
12.17	8.817
12.20	8.245
12.23	7.500
12.27	6.686
12.30	5.854
12.33	5.086

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 15

PR-K

Hydrograph type	=	SCS Runoff	Peak discharge	=	10.93 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.13 hrs
Time interval	=	2 min	Hyd. volume	=	16,416 cuft
Drainage area	=	3.180 ac	Curve number	=	82
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	12.6 min
Total precip.	=	5.50 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.00	6.304
12.03	7.718
12.07	9.212
12.10	10.40
12.13	10.93 <<
12.17	10.77
12.20	10.15
12.23	9.308
12.27	8.363
12.30	7.381
12.33	6.459
12.37	5.702

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 16

Pond F

Hydrograph type	= Reservoir	Peak discharge	= 0.922 cfs
Storm frequency	= 10 yrs	Time to peak	= 13.03 hrs
Time interval	= 2 min	Hyd. volume	= 6,252 cuft
Inflow hyd. No.	= 10 - PR-F	Reservoir name	= Pond F
Max. Elevation	= 375.95 ft	Max. Storage	= 35,532 cuft

Storage Indication method used. Wet pond routing start elevation = 374.60 ft.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.13	7.258	375.32	0.533	0.527	-----	-----	-----	-----	-----	-----	-----	0.527
12.17	6.646	375.41	0.606	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
12.20	5.824	375.49	0.661	0.658	-----	-----	-----	-----	-----	-----	-----	0.658
12.23	5.035	375.56	0.708	0.704	-----	-----	-----	-----	-----	-----	-----	0.704
12.27	4.410	375.62	0.746	0.741	-----	-----	-----	-----	-----	-----	-----	0.741
12.30	3.990	375.67	0.777	0.769	-----	-----	-----	-----	-----	-----	-----	0.769
12.33	3.699	375.71	0.804	0.794	-----	-----	-----	-----	-----	-----	-----	0.794
12.37	3.443	375.75	0.829	0.816	-----	-----	-----	-----	-----	-----	-----	0.816
12.40	3.175	375.78	0.851	0.837	-----	-----	-----	-----	-----	-----	-----	0.837
12.43	2.895	375.82	0.867	0.853	-----	-----	-----	-----	-----	-----	-----	0.853
12.47	2.606	375.84	0.879	0.867	-----	-----	-----	-----	-----	-----	-----	0.867
12.50	2.308	375.87	0.888	0.878	-----	-----	-----	-----	-----	-----	-----	0.878
12.53	2.014	375.88	0.896	0.887	-----	-----	-----	-----	-----	-----	-----	0.887
12.57	1.751	375.90	0.902	0.894	-----	-----	-----	-----	-----	-----	-----	0.894
12.60	1.544	375.91	0.907	0.900	-----	-----	-----	-----	-----	-----	-----	0.900
12.63	1.401	375.92	0.910	0.904	-----	-----	-----	-----	-----	-----	-----	0.904
12.67	1.306	375.92	0.913	0.907	-----	-----	-----	-----	-----	-----	-----	0.907
12.70	1.247	375.93	0.915	0.910	-----	-----	-----	-----	-----	-----	-----	0.910
12.73	1.210	375.93	0.917	0.912	-----	-----	-----	-----	-----	-----	-----	0.912
12.77	1.179	375.94	0.919	0.914	-----	-----	-----	-----	-----	-----	-----	0.914
12.80	1.148	375.94	0.920	0.916	-----	-----	-----	-----	-----	-----	-----	0.916
12.83	1.117	375.94	0.922	0.917	-----	-----	-----	-----	-----	-----	-----	0.917
12.87	1.085	375.95	0.923	0.919	-----	-----	-----	-----	-----	-----	-----	0.919
12.90	1.053	375.95	0.924	0.920	-----	-----	-----	-----	-----	-----	-----	0.920
12.93	1.021	375.95	0.924	0.921	-----	-----	-----	-----	-----	-----	-----	0.921
12.97	0.988	375.95	0.925	0.921	-----	-----	-----	-----	-----	-----	-----	0.921
13.00	0.955	375.95	0.925	0.922	-----	-----	-----	-----	-----	-----	-----	0.922
13.03	0.923	375.95 <<	0.925	0.922	-----	-----	-----	-----	-----	-----	-----	0.922 <<
13.07	0.894	375.95	0.925	0.922	-----	-----	-----	-----	-----	-----	-----	0.922
13.10	0.870	375.95	0.925	0.921	-----	-----	-----	-----	-----	-----	-----	0.921
13.13	0.852	375.95	0.925	0.921	-----	-----	-----	-----	-----	-----	-----	0.921
13.17	0.838	375.95	0.924	0.920	-----	-----	-----	-----	-----	-----	-----	0.920
13.20	0.828	375.95	0.924	0.920	-----	-----	-----	-----	-----	-----	-----	0.920
13.23	0.820	375.95	0.923	0.919	-----	-----	-----	-----	-----	-----	-----	0.919
13.27	0.812	375.95	0.922	0.918	-----	-----	-----	-----	-----	-----	-----	0.918
13.30	0.804	375.94	0.922	0.918	-----	-----	-----	-----	-----	-----	-----	0.918
13.33	0.796	375.94	0.921	0.917	-----	-----	-----	-----	-----	-----	-----	0.917
13.37	0.788	375.94	0.920	0.916	-----	-----	-----	-----	-----	-----	-----	0.916
13.40	0.780	375.94	0.919	0.915	-----	-----	-----	-----	-----	-----	-----	0.915
13.43	0.772	375.94	0.919	0.914	-----	-----	-----	-----	-----	-----	-----	0.914
13.47	0.764	375.93	0.918	0.913	-----	-----	-----	-----	-----	-----	-----	0.913
13.50	0.756	375.93	0.917	0.912	-----	-----	-----	-----	-----	-----	-----	0.912

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.53	0.747	375.93	0.916	0.911	-----	-----	-----	-----	-----	-----	-----	0.911
13.57	0.739	375.93	0.915	0.909	-----	-----	-----	-----	-----	-----	-----	0.909
13.60	0.731	375.93	0.914	0.908	-----	-----	-----	-----	-----	-----	-----	0.908
13.63	0.722	375.92	0.913	0.907	-----	-----	-----	-----	-----	-----	-----	0.907
13.67	0.714	375.92	0.911	0.905	-----	-----	-----	-----	-----	-----	-----	0.905
13.70	0.705	375.92	0.910	0.904	-----	-----	-----	-----	-----	-----	-----	0.904
13.73	0.697	375.91	0.909	0.903	-----	-----	-----	-----	-----	-----	-----	0.903
13.77	0.688	375.91	0.908	0.901	-----	-----	-----	-----	-----	-----	-----	0.901
13.80	0.679	375.91	0.906	0.900	-----	-----	-----	-----	-----	-----	-----	0.900
13.83	0.671	375.91	0.905	0.898	-----	-----	-----	-----	-----	-----	-----	0.898
13.87	0.662	375.90	0.904	0.896	-----	-----	-----	-----	-----	-----	-----	0.896
13.90	0.653	375.90	0.902	0.895	-----	-----	-----	-----	-----	-----	-----	0.895
13.93	0.644	375.89	0.901	0.893	-----	-----	-----	-----	-----	-----	-----	0.893
13.97	0.635	375.89	0.899	0.891	-----	-----	-----	-----	-----	-----	-----	0.891
14.00	0.626	375.89	0.898	0.889	-----	-----	-----	-----	-----	-----	-----	0.889
14.03	0.618	375.88	0.896	0.887	-----	-----	-----	-----	-----	-----	-----	0.887
14.07	0.610	375.88	0.894	0.885	-----	-----	-----	-----	-----	-----	-----	0.885
14.10	0.602	375.88	0.893	0.883	-----	-----	-----	-----	-----	-----	-----	0.883
14.13	0.596	375.87	0.891	0.881	-----	-----	-----	-----	-----	-----	-----	0.881
14.17	0.591	375.87	0.889	0.879	-----	-----	-----	-----	-----	-----	-----	0.879
14.20	0.587	375.86	0.887	0.877	-----	-----	-----	-----	-----	-----	-----	0.877
14.23	0.583	375.86	0.886	0.875	-----	-----	-----	-----	-----	-----	-----	0.875
14.27	0.579	375.86	0.884	0.873	-----	-----	-----	-----	-----	-----	-----	0.873
14.30	0.574	375.85	0.882	0.871	-----	-----	-----	-----	-----	-----	-----	0.871
14.33	0.570	375.85	0.880	0.869	-----	-----	-----	-----	-----	-----	-----	0.869
14.37	0.566	375.84	0.878	0.867	-----	-----	-----	-----	-----	-----	-----	0.867
14.40	0.562	375.84	0.877	0.864	-----	-----	-----	-----	-----	-----	-----	0.864
14.43	0.558	375.83	0.875	0.862	-----	-----	-----	-----	-----	-----	-----	0.862
14.47	0.554	375.83	0.873	0.860	-----	-----	-----	-----	-----	-----	-----	0.860
14.50	0.550	375.82	0.871	0.858	-----	-----	-----	-----	-----	-----	-----	0.858
14.53	0.545	375.82	0.869	0.856	-----	-----	-----	-----	-----	-----	-----	0.856
14.57	0.541	375.82	0.867	0.853	-----	-----	-----	-----	-----	-----	-----	0.853
14.60	0.537	375.81	0.865	0.851	-----	-----	-----	-----	-----	-----	-----	0.851
14.63	0.533	375.81	0.863	0.849	-----	-----	-----	-----	-----	-----	-----	0.849
14.67	0.529	375.80	0.861	0.847	-----	-----	-----	-----	-----	-----	-----	0.847
14.70	0.524	375.80	0.859	0.844	-----	-----	-----	-----	-----	-----	-----	0.844
14.73	0.520	375.79	0.856	0.842	-----	-----	-----	-----	-----	-----	-----	0.842
14.77	0.516	375.79	0.853	0.839	-----	-----	-----	-----	-----	-----	-----	0.839
14.80	0.511	375.78	0.850	0.836	-----	-----	-----	-----	-----	-----	-----	0.836
14.83	0.507	375.78	0.848	0.834	-----	-----	-----	-----	-----	-----	-----	0.834
14.87	0.503	375.77	0.845	0.831	-----	-----	-----	-----	-----	-----	-----	0.831
14.90	0.498	375.77	0.842	0.828	-----	-----	-----	-----	-----	-----	-----	0.828
14.93	0.494	375.77	0.839	0.826	-----	-----	-----	-----	-----	-----	-----	0.826
14.97	0.490	375.76	0.836	0.823	-----	-----	-----	-----	-----	-----	-----	0.823
15.00	0.485	375.76	0.833	0.820	-----	-----	-----	-----	-----	-----	-----	0.820
15.03	0.481	375.75	0.830	0.818	-----	-----	-----	-----	-----	-----	-----	0.818
15.07	0.476	375.75	0.827	0.815	-----	-----	-----	-----	-----	-----	-----	0.815
15.10	0.472	375.74	0.824	0.812	-----	-----	-----	-----	-----	-----	-----	0.812
15.13	0.468	375.74	0.821	0.809	-----	-----	-----	-----	-----	-----	-----	0.809
15.17	0.463	375.73	0.818	0.807	-----	-----	-----	-----	-----	-----	-----	0.807
15.20	0.459	375.73	0.815	0.804	-----	-----	-----	-----	-----	-----	-----	0.804
15.23	0.454	375.72	0.812	0.801	-----	-----	-----	-----	-----	-----	-----	0.801
15.27	0.450	375.72	0.809	0.798	-----	-----	-----	-----	-----	-----	-----	0.798
15.30	0.445	375.71	0.806	0.795	-----	-----	-----	-----	-----	-----	-----	0.795
15.33	0.441	375.71	0.802	0.792	-----	-----	-----	-----	-----	-----	-----	0.792
15.37	0.436	375.70	0.799	0.790	-----	-----	-----	-----	-----	-----	-----	0.790

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
15.40	0.432	375.70	0.796	0.787	-----	-----	-----	-----	-----	-----	-----	0.787
15.43	0.427	375.69	0.793	0.784	-----	-----	-----	-----	-----	-----	-----	0.784
15.47	0.423	375.69	0.790	0.781	-----	-----	-----	-----	-----	-----	-----	0.781
15.50	0.418	375.68	0.787	0.778	-----	-----	-----	-----	-----	-----	-----	0.778
15.53	0.413	375.68	0.783	0.775	-----	-----	-----	-----	-----	-----	-----	0.775
15.57	0.409	375.67	0.780	0.772	-----	-----	-----	-----	-----	-----	-----	0.772
15.60	0.404	375.67	0.777	0.769	-----	-----	-----	-----	-----	-----	-----	0.769
15.63	0.400	375.66	0.774	0.766	-----	-----	-----	-----	-----	-----	-----	0.766
15.67	0.395	375.65	0.771	0.763	-----	-----	-----	-----	-----	-----	-----	0.763
15.70	0.390	375.65	0.767	0.760	-----	-----	-----	-----	-----	-----	-----	0.760
15.73	0.386	375.64	0.764	0.757	-----	-----	-----	-----	-----	-----	-----	0.757
15.77	0.381	375.64	0.761	0.754	-----	-----	-----	-----	-----	-----	-----	0.754
15.80	0.376	375.63	0.757	0.751	-----	-----	-----	-----	-----	-----	-----	0.751
15.83	0.372	375.63	0.754	0.748	-----	-----	-----	-----	-----	-----	-----	0.748
15.87	0.367	375.62	0.751	0.745	-----	-----	-----	-----	-----	-----	-----	0.745
15.90	0.362	375.62	0.747	0.742	-----	-----	-----	-----	-----	-----	-----	0.742
15.93	0.358	375.61	0.744	0.739	-----	-----	-----	-----	-----	-----	-----	0.739
15.97	0.353	375.61	0.741	0.736	-----	-----	-----	-----	-----	-----	-----	0.736
16.00	0.348	375.60	0.737	0.733	-----	-----	-----	-----	-----	-----	-----	0.733
16.03	0.344	375.60	0.733	0.729	-----	-----	-----	-----	-----	-----	-----	0.729
16.07	0.339	375.59	0.730	0.725	-----	-----	-----	-----	-----	-----	-----	0.725
16.10	0.336	375.58	0.726	0.721	-----	-----	-----	-----	-----	-----	-----	0.721
16.13	0.333	375.58	0.722	0.718	-----	-----	-----	-----	-----	-----	-----	0.718
16.17	0.330	375.57	0.718	0.714	-----	-----	-----	-----	-----	-----	-----	0.714
16.20	0.328	375.57	0.714	0.710	-----	-----	-----	-----	-----	-----	-----	0.710
16.23	0.326	375.56	0.711	0.707	-----	-----	-----	-----	-----	-----	-----	0.707
16.27	0.324	375.56	0.707	0.703	-----	-----	-----	-----	-----	-----	-----	0.703
16.30	0.322	375.55	0.703	0.699	-----	-----	-----	-----	-----	-----	-----	0.699
16.33	0.320	375.55	0.700	0.696	-----	-----	-----	-----	-----	-----	-----	0.696
16.37	0.318	375.54	0.696	0.692	-----	-----	-----	-----	-----	-----	-----	0.692
16.40	0.316	375.53	0.692	0.688	-----	-----	-----	-----	-----	-----	-----	0.688
16.43	0.314	375.53	0.688	0.685	-----	-----	-----	-----	-----	-----	-----	0.685
16.47	0.312	375.52	0.685	0.681	-----	-----	-----	-----	-----	-----	-----	0.681
16.50	0.310	375.52	0.681	0.678	-----	-----	-----	-----	-----	-----	-----	0.678
16.53	0.308	375.51	0.678	0.674	-----	-----	-----	-----	-----	-----	-----	0.674
16.57	0.306	375.51	0.674	0.671	-----	-----	-----	-----	-----	-----	-----	0.671
16.60	0.304	375.50	0.670	0.667	-----	-----	-----	-----	-----	-----	-----	0.667
16.63	0.302	375.50	0.667	0.664	-----	-----	-----	-----	-----	-----	-----	0.664
16.67	0.300	375.49	0.663	0.660	-----	-----	-----	-----	-----	-----	-----	0.660
16.70	0.298	375.49	0.660	0.657	-----	-----	-----	-----	-----	-----	-----	0.657
16.73	0.296	375.48	0.656	0.653	-----	-----	-----	-----	-----	-----	-----	0.653
16.77	0.294	375.48	0.653	0.650	-----	-----	-----	-----	-----	-----	-----	0.650
16.80	0.292	375.47	0.649	0.646	-----	-----	-----	-----	-----	-----	-----	0.646
16.83	0.290	375.47	0.646	0.643	-----	-----	-----	-----	-----	-----	-----	0.643
16.87	0.288	375.46	0.642	0.640	-----	-----	-----	-----	-----	-----	-----	0.640
16.90	0.286	375.46	0.639	0.636	-----	-----	-----	-----	-----	-----	-----	0.636
16.93	0.283	375.45	0.635	0.633	-----	-----	-----	-----	-----	-----	-----	0.633
16.97	0.281	375.45	0.632	0.629	-----	-----	-----	-----	-----	-----	-----	0.629
17.00	0.279	375.44	0.628	0.626	-----	-----	-----	-----	-----	-----	-----	0.626
17.03	0.277	375.44	0.625	0.623	-----	-----	-----	-----	-----	-----	-----	0.623
17.07	0.275	375.43	0.622	0.619	-----	-----	-----	-----	-----	-----	-----	0.619
17.10	0.273	375.43	0.618	0.616	-----	-----	-----	-----	-----	-----	-----	0.616
17.13	0.271	375.42	0.615	0.613	-----	-----	-----	-----	-----	-----	-----	0.613
17.17	0.269	375.42	0.612	0.610	-----	-----	-----	-----	-----	-----	-----	0.610
17.20	0.267	375.41	0.608	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
17.23	0.265	375.41	0.605	0.603	-----	-----	-----	-----	-----	-----	-----	0.603

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.27	0.263	375.40	0.602	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
17.30	0.261	375.40	0.598	0.596	-----	-----	-----	-----	-----	-----	-----	0.596
17.33	0.259	375.39	0.594	0.592	-----	-----	-----	-----	-----	-----	-----	0.592
17.37	0.257	375.39	0.590	0.588	-----	-----	-----	-----	-----	-----	-----	0.588
17.40	0.255	375.38	0.586	0.584	-----	-----	-----	-----	-----	-----	-----	0.584
17.43	0.253	375.38	0.583	0.580	-----	-----	-----	-----	-----	-----	-----	0.580
17.47	0.250	375.37	0.579	0.576	-----	-----	-----	-----	-----	-----	-----	0.576
17.50	0.248	375.37	0.575	0.572	-----	-----	-----	-----	-----	-----	-----	0.572
17.53	0.246	375.37	0.571	0.568	-----	-----	-----	-----	-----	-----	-----	0.568
17.57	0.244	375.36	0.568	0.564	-----	-----	-----	-----	-----	-----	-----	0.564
17.60	0.242	375.36	0.564	0.560	-----	-----	-----	-----	-----	-----	-----	0.560
17.63	0.240	375.35	0.560	0.556	-----	-----	-----	-----	-----	-----	-----	0.556
17.67	0.238	375.35	0.557	0.552	-----	-----	-----	-----	-----	-----	-----	0.552
17.70	0.236	375.34	0.553	0.548	-----	-----	-----	-----	-----	-----	-----	0.548
17.73	0.234	375.34	0.550	0.545	-----	-----	-----	-----	-----	-----	-----	0.545
17.77	0.232	375.33	0.546	0.541	-----	-----	-----	-----	-----	-----	-----	0.541
17.80	0.229	375.33	0.542	0.537	-----	-----	-----	-----	-----	-----	-----	0.537
17.83	0.227	375.32	0.539	0.533	-----	-----	-----	-----	-----	-----	-----	0.533
17.87	0.225	375.32	0.535	0.529	-----	-----	-----	-----	-----	-----	-----	0.529
17.90	0.223	375.32	0.532	0.526	-----	-----	-----	-----	-----	-----	-----	0.526
17.93	0.221	375.31	0.528	0.522	-----	-----	-----	-----	-----	-----	-----	0.522
17.97	0.219	375.31	0.525	0.518	-----	-----	-----	-----	-----	-----	-----	0.518
18.00	0.217	375.30	0.521	0.515	-----	-----	-----	-----	-----	-----	-----	0.515
18.03	0.215	375.30	0.518	0.511	-----	-----	-----	-----	-----	-----	-----	0.511
18.07	0.213	375.29	0.515	0.507	-----	-----	-----	-----	-----	-----	-----	0.507
18.10	0.211	375.29	0.511	0.504	-----	-----	-----	-----	-----	-----	-----	0.504
18.13	0.210	375.29	0.508	0.500	-----	-----	-----	-----	-----	-----	-----	0.500
18.17	0.209	375.28	0.504	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
18.20	0.208	375.28	0.501	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
18.23	0.208	375.27	0.498	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
18.27	0.207	375.27	0.495	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
18.30	0.207	375.27	0.491	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
18.33	0.206	375.26	0.488	0.479	-----	-----	-----	-----	-----	-----	-----	0.479
18.37	0.205	375.26	0.485	0.476	-----	-----	-----	-----	-----	-----	-----	0.476
18.40	0.205	375.25	0.482	0.473	-----	-----	-----	-----	-----	-----	-----	0.473
18.43	0.204	375.25	0.479	0.469	-----	-----	-----	-----	-----	-----	-----	0.469
18.47	0.204	375.25	0.476	0.466	-----	-----	-----	-----	-----	-----	-----	0.466
18.50	0.203	375.24	0.473	0.463	-----	-----	-----	-----	-----	-----	-----	0.463

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 17

Combine A1 & F

Hydrograph type	=	Combine	Peak discharge	=	40.05 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.17 hrs
Time interval	=	2 min	Hyd. volume	=	59,130 cuft
Inflow hyds.	=	1, 16	Contrib. drain. area	=	16.450 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 1 + (cfs)	Hyd. 16 = (cfs)	Outflow (cfs)
12.00	19.92	0.150	20.07
12.03	24.25	0.223	24.48
12.07	29.16	0.330	29.49
12.10	33.89	0.444	34.33
12.13	37.57	0.527	38.10
12.17	39.44 <<	0.604	40.05 <<
12.20	39.36	0.658	40.02
12.23	37.88	0.704	38.59
12.27	35.66	0.741	36.40
12.30	33.04	0.769	33.81
12.33	30.08	0.794	30.88
12.37	26.96	0.816	27.77
12.40	23.94	0.837	24.78
12.43	21.34	0.853	22.19
12.47	19.24	0.867	20.11

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 18

Reach 1

Hydrograph type	= Reach	Peak discharge	= 39.56 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.23 hrs
Time interval	= 2 min	Hyd. volume	= 57,986 cuft
Inflow hyd. No.	= 17 - Combine A1 & F	Section type	= Trapezoidal
Reach length	= 1074.0 ft	Channel slope	= 3.81 %
Manning's n	= 0.025	Bottom width	= 8.00 ft
Side slope	= 2.0:1	Max. depth	= 24.00 ft
Rating curve x	= 2.906	Rating curve m	= 1.412
Ave. velocity	= 6.25 ft/s	Routing coeff.	= 0.6606

Modified Att-Kin routing method used.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Outflow cfs
12.07	29.49	22.47
12.10	34.33	27.10
12.13	38.10	31.88
12.17	40.05 <<	35.99
12.20	40.02	38.67
12.23	38.59	39.56 <<
12.27	36.40	38.92
12.30	33.81	37.25
12.33	30.88	34.98
12.37	27.77	32.27
12.40	24.78	29.30
12.43	22.19	26.31
12.47	20.11	23.59
12.50	18.32	21.29

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 19

Pond G

Hydrograph type	= Reservoir	Peak discharge	= 3.659 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.50 hrs
Time interval	= 2 min	Hyd. volume	= 3,810 cuft
Inflow hyd. No.	= 11 - PR-G	Reservoir name	= Pond G
Max. Elevation	= 337.03 ft	Max. Storage	= 32,507 cuft

Storage Indication method used. Wet pond routing start elevation = 334.00 ft.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.27	7.705	336.85	2.299	0.259	-----	-----	-----	2.041	-----	-----	-----	2.299
12.30	6.867	336.90	2.679	0.275	-----	-----	-----	2.404	-----	-----	-----	2.679
12.33	6.291	336.94	2.976	0.288	-----	-----	-----	2.688	-----	-----	-----	2.976
12.37	5.800	336.97	3.210	0.298	-----	-----	-----	2.911	-----	-----	-----	3.210
12.40	5.303	337.00	3.388	0.306	-----	-----	-----	3.082	-----	-----	-----	3.388
12.43	4.800	337.02	3.533	0.311	-----	-----	-----	3.222	-----	-----	-----	3.533
12.47	4.292	337.03	3.622	0.314	-----	-----	-----	3.308	-----	-----	-----	3.622
12.50	3.779	337.03 <<	3.659	0.315	-----	-----	-----	3.344	-----	-----	-----	3.659 <<
12.53	3.282	337.03	3.647	0.314	-----	-----	-----	3.333	-----	-----	-----	3.647
12.57	2.841	337.02	3.595	0.313	-----	-----	-----	3.283	-----	-----	-----	3.595
12.60	2.496	337.01	3.514	0.310	-----	-----	-----	3.203	-----	-----	-----	3.514
12.63	2.256	337.00	3.413	0.307	-----	-----	-----	3.106	-----	-----	-----	3.413
12.67	2.098	336.99	3.318	0.303	-----	-----	-----	3.014	-----	-----	-----	3.318
12.70	1.998	336.98	3.221	0.299	-----	-----	-----	2.922	-----	-----	-----	3.221
12.73	1.933	336.96	3.125	0.295	-----	-----	-----	2.830	-----	-----	-----	3.125
12.77	1.880	336.95	3.033	0.291	-----	-----	-----	2.742	-----	-----	-----	3.032
12.80	1.826	336.94	2.943	0.287	-----	-----	-----	2.656	-----	-----	-----	2.943
12.83	1.772	336.93	2.856	0.283	-----	-----	-----	2.573	-----	-----	-----	2.856
12.87	1.718	336.91	2.771	0.279	-----	-----	-----	2.492	-----	-----	-----	2.771
12.90	1.664	336.90	2.689	0.276	-----	-----	-----	2.413	-----	-----	-----	2.689
12.93	1.610	336.89	2.609	0.272	-----	-----	-----	2.337	-----	-----	-----	2.609
12.97	1.555	336.88	2.531	0.269	-----	-----	-----	2.262	-----	-----	-----	2.531
13.00	1.501	336.87	2.454	0.266	-----	-----	-----	2.189	-----	-----	-----	2.454
13.03	1.448	336.86	2.380	0.262	-----	-----	-----	2.117	-----	-----	-----	2.380
13.07	1.400	336.85	2.307	0.259	-----	-----	-----	2.048	-----	-----	-----	2.307
13.10	1.361	336.84	2.236	0.256	-----	-----	-----	1.980	-----	-----	-----	2.236
13.13	1.330	336.83	2.169	0.253	-----	-----	-----	1.916	-----	-----	-----	2.169
13.17	1.307	336.82	2.104	0.250	-----	-----	-----	1.854	-----	-----	-----	2.104
13.20	1.289	336.82	2.043	0.248	-----	-----	-----	1.795	-----	-----	-----	2.043
13.23	1.275	336.81	1.985	0.245	-----	-----	-----	1.740	-----	-----	-----	1.985
13.27	1.261	336.80	1.930	0.243	-----	-----	-----	1.687	-----	-----	-----	1.930
13.30	1.247	336.79	1.889	0.240	-----	-----	-----	1.649	-----	-----	-----	1.888
13.33	1.233	336.79	1.849	0.237	-----	-----	-----	1.612	-----	-----	-----	1.849

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 20

Combine A2, G, & R1

Hydrograph type	=	Combine	Peak discharge	=	75.86 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.23 hrs
Time interval	=	2 min	Hyd. volume	=	109,917 cuft
Inflow hyds.	=	2, 18, 19	Contrib. drain. area	=	14.970 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 2 + (cfs)	Hyd. 18 + (cfs)	Hyd. 19 = (cfs)	Outflow (cfs)
12.03	22.07	18.55	0.000	40.62
12.07	26.53	22.47	0.000	49.00
12.10	30.84	27.10	0.011	57.95
12.13	34.19	31.88	0.186	66.25
12.17	35.90 <<	35.99	0.683	72.57
12.20	35.82	38.67	1.308	75.80
12.23	34.47	39.56 <<	1.828	75.86 <<
12.27	32.45	38.92	2.299	73.66
12.30	30.06	37.25	2.679	70.00
12.33	27.38	34.98	2.976	65.33
12.37	24.53	32.27	3.210	60.01
12.40	21.79	29.30	3.388	54.47
12.43	19.42	26.31	3.533	49.27
12.47	17.51	23.59	3.622	44.72
12.50	15.87	21.29	3.659 <<	40.82

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 21

Reach 2

Hydrograph type	= Reach	Peak discharge	= 73.01 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.30 hrs
Time interval	= 2 min	Hyd. volume	= 109,126 cuft
Inflow hyd. No.	= 20 - Combine A2, G, & R1	Section type	= Trapezoidal
Reach length	= 834.0 ft	Channel slope	= 0.27 %
Manning's n	= 0.025	Bottom width	= 8.00 ft
Side slope	= 2.0:1	Max. depth	= 2.00 ft
Rating curve x	= 0.774	Rating curve m	= 1.413
Ave. velocity	= 2.96 ft/s	Routing coeff.	= 0.4621

Modified Att-Kin routing method used.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Outflow cfs
12.10	57.95	41.12
12.13	66.25	48.90
12.17	72.57	56.92
12.20	75.80	64.15
12.23	75.86 <<	69.53
12.27	73.66	72.46
12.30	70.00	73.01 <<
12.33	65.33	71.62
12.37	60.01	68.71
12.40	54.47	64.69
12.43	49.27	59.97
12.47	44.72	55.02
12.50	40.82	50.26
12.53	37.30	45.90
12.57	33.96	41.92
12.60	30.77	38.24

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 22

Pond K

Hydrograph type	=	Reservoir	Peak discharge	=	10.84 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.17 hrs
Time interval	=	2 min	Hyd. volume	=	16,222 cuft
Inflow hyd. No.	=	15 - PR-K	Reservoir name	=	Pond K
Max. Elevation	=	335.51 ft	Max. Storage	=	5,637 cuft

Storage Indication method used. Wet pond routing start elevation = 332.80 ft.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.03	7.718	335.34	-----	1.367	-----	-----	5.375	-----	-----	-----	-----	6.743
12.07	9.212	335.41	-----	1.389	-----	-----	6.818	-----	-----	-----	-----	8.207
12.10	10.40	335.46	-----	1.406	-----	-----	8.330	-----	-----	-----	-----	9.736
12.13	10.93 <<	335.50	-----	1.416	-----	-----	9.206	-----	-----	-----	-----	10.62
12.17	10.77	335.50 <<	-----	1.419	-----	-----	9.422	-----	-----	-----	-----	10.84 <<
12.20	10.15	335.49	-----	1.415	-----	-----	9.066	-----	-----	-----	-----	10.48
12.23	9.308	335.46	-----	1.406	-----	-----	8.357	-----	-----	-----	-----	9.763
12.27	8.363	335.43	-----	1.396	-----	-----	7.479	-----	-----	-----	-----	8.875
12.30	7.381	335.40	-----	1.385	-----	-----	6.536	-----	-----	-----	-----	7.922
12.33	6.459	335.36	-----	1.373	-----	-----	5.716	-----	-----	-----	-----	7.089
12.37	5.702	335.32	-----	1.360	-----	-----	4.891	-----	-----	-----	-----	6.250
12.40	5.131	335.29	-----	1.349	-----	-----	4.207	-----	-----	-----	-----	5.557

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 23

Combine A4 & K

Hydrograph type	=	Combine	Peak discharge	=	91.97 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.20 hrs
Time interval	=	2 min	Hyd. volume	=	132,616 cuft
Inflow hyds.	=	4, 22	Contrib. drain. area	=	37.400 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 4 + (cfs)	Hyd. 22 = (cfs)	Outflow (cfs)
12.03	45.49	6.743	52.23
12.07	54.14	8.207	62.35
12.10	63.02	9.736	72.76
12.13	71.25	10.62	81.88
12.17	77.80	10.84 <<	88.64
12.20	81.49	10.48	91.97 <<
12.23	82.09 <<	9.763	91.85
12.27	80.43	8.875	89.30
12.30	77.45	7.922	85.37
12.33	73.70	7.089	80.79
12.37	69.24	6.250	75.49
12.40	64.16	5.557	69.72
12.43	58.54	5.011	63.55
12.47	52.61	4.552	57.17
12.50	46.81	4.119	50.93

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 24

Reach 4

Hydrograph type	=	Reach	Peak discharge	=	92.21 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.23 hrs
Time interval	=	2 min	Hyd. volume	=	132,601 cuft
Inflow hyd. No.	=	23 - Combine A4 & K	Section type	=	Trapezoidal
Reach length	=	377.0 ft	Channel slope	=	1.19 %
Manning's n	=	0.025	Bottom width	=	8.00 ft
Side slope	=	2.0:1	Max. depth	=	2.00 ft
Rating curve x	=	1.624	Rating curve m	=	1.413
Ave. velocity	=	5.28 ft/s	Routing coeff.	=	1.0861

Modified Att-Kin routing method used.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Outflow cfs
12.07	62.35	52.95
12.10	72.76	63.16
12.13	81.88	73.59
12.17	88.64	82.59
12.20	91.97 <<	89.16
12.23	91.85	92.21 <<
12.27	89.30	91.82
12.30	85.37	89.08
12.33	80.79	85.05
12.37	75.49	80.42
12.40	69.72	75.07
12.43	63.55	69.25
12.47	57.17	63.06
12.50	50.93	56.66
12.53	45.31	50.43

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 25

Pond J

Hydrograph type	=	Reservoir	Peak discharge	=	8.830 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.17 hrs
Time interval	=	2 min	Hyd. volume	=	16,187 cuft
Inflow hyd. No.	=	14 - PR-J	Reservoir name	=	Pond J
Max. Elevation	=	329.48 ft	Max. Storage	=	7,569 cuft

Storage Indication method used. Wet pond routing start elevation = 328.80 ft.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.00	5.475	329.31	-----	-----	-----	-----	4.684	-----	-----	-----	-----	4.684
12.03	6.601	329.35	-----	-----	-----	-----	5.532	-----	-----	-----	-----	5.531
12.07	7.772	329.40	-----	-----	-----	-----	6.567	-----	-----	-----	-----	6.567
12.10	8.668	329.44	-----	-----	-----	-----	7.791	-----	-----	-----	-----	7.791
12.13	9.021 <<	329.47	-----	-----	-----	-----	8.573	-----	-----	-----	-----	8.573
12.17	8.817	329.48 <<	-----	-----	-----	-----	8.830	-----	-----	-----	-----	8.830 <<
12.20	8.245	329.47	-----	-----	-----	-----	8.608	-----	-----	-----	-----	8.608
12.23	7.500	329.45	-----	-----	-----	-----	8.062	-----	-----	-----	-----	8.062
12.27	6.686	329.43	-----	-----	-----	-----	7.343	-----	-----	-----	-----	7.343
12.30	5.854	329.40	-----	-----	-----	-----	6.552	-----	-----	-----	-----	6.552
12.33	5.086	329.37	-----	-----	-----	-----	5.875	-----	-----	-----	-----	5.875
12.37	4.463	329.33	-----	-----	-----	-----	5.186	-----	-----	-----	-----	5.186
12.40	3.998	329.31	-----	-----	-----	-----	4.588	-----	-----	-----	-----	4.588

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 26

Combine A3, J, R2, & R4

Hydrograph type	=	Combine	Peak discharge	=	210.25 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.27 hrs
Time interval	=	2 min	Hyd. volume	=	316,576 cuft
Inflow hyds.	=	3, 21, 24, 25	Contrib. drain. area	=	16.820 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 3 + (cfs)	Hyd. 21 + (cfs)	Hyd. 24 + (cfs)	Hyd. 25 = (cfs)	Outflow (cfs)
12.07	26.46	34.34	52.95	6.567	120.32
12.10	30.68	41.12	63.16	7.791	142.75
12.13	34.57	48.90	73.59	8.573	165.63
12.17	37.64	56.92	82.59	8.830 <<	185.97
12.20	39.32	64.15	89.16	8.608	201.23
12.23	39.52 <<	69.53	92.21 <<	8.062	209.32
12.27	38.63	72.46	91.82	7.343	210.25 <<
12.30	37.13	73.01 <<	89.08	6.552	205.78
12.33	35.26	71.62	85.05	5.875	197.81
12.37	33.06	68.71	80.42	5.186	187.38
12.40	30.58	64.69	75.07	4.588	174.93
12.43	27.85	59.97	69.25	4.103	161.17
12.47	24.98	55.02	63.06	3.699	146.76
12.50	22.19	50.26	56.66	3.335	132.45
12.53	19.70	45.90	50.43	2.988	119.02
12.57	17.61	41.92	44.86	2.655	107.05

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 27

Reach 3

Hydrograph type	=	Reach	Peak discharge	=	205.29 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.33 hrs
Time interval	=	2 min	Hyd. volume	=	316,574 cuft
Inflow hyd. No.	=	26 - Combine A3, J, R2, & R4	Section type	=	Trapezoidal
Reach length	=	1164.0 ft	Channel slope	=	0.52 %
Manning's n	=	0.025	Bottom width	=	8.00 ft
Side slope	=	2.0:1	Max. depth	=	2.00 ft
Rating curve x	=	1.074	Rating curve m	=	1.413
Ave. velocity	=	5.02 ft/s	Routing coeff.	=	0.5355

Modified Att-Kin routing method used.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Outflow cfs
12.10	142.75	105.57
12.13	165.63	125.48
12.17	185.97	146.98
12.20	201.23	167.86
12.23	209.32	185.73
12.27	210.25 <<	198.37
12.30	205.78	204.73
12.33	197.81	205.29 <<
12.37	187.38	201.29
12.40	174.93	193.84
12.43	161.17	183.71
12.47	146.76	171.64
12.50	132.45	158.32
12.53	119.02	144.46
12.57	107.05	130.84
12.60	96.69	118.10
12.63	87.41	106.63

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 28

Design Point A

Hydrograph type	= Combine	Peak discharge	= 261.01 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.27 hrs
Time interval	= 2 min	Hyd. volume	= 419,007 cuft
Inflow hyds.	= 5, 27	Contrib. drain. area	= 28.480 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 5 + (cfs)	Hyd. 27 = (cfs)	Outflow (cfs)
12.07	65.54	88.56	154.09
12.10	74.79	105.57	180.36
12.13	79.38 <<	125.48	204.86
12.17	78.92	146.98	225.90
12.20	74.94	167.86	242.81
12.23	69.20	185.73	254.93
12.27	62.65	198.37	261.01 <<
12.30	55.71	204.73	260.44
12.33	49.09	205.29 <<	254.38
12.37	43.59	201.29	244.87
12.40	39.39	193.84	233.23
12.43	35.98	183.71	219.69
12.47	32.80	171.64	204.44
12.50	29.55	158.32	187.86
12.53	26.30	144.46	170.76
12.57	23.22	130.84	154.06
12.60	20.46	118.10	138.56

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 29

Pond H

Hydrograph type	=	Reservoir	Peak discharge	=	16.39 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.47 hrs
Time interval	=	2 min	Hyd. volume	=	57,178 cuft
Inflow hyd. No.	=	12 - PR-H	Reservoir name	=	Pond H ALT
Max. Elevation	=	312.73 ft	Max. Storage	=	89,885 cuft

Storage Indication method used. Wet pond routing start elevation = 309.45 ft.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.27	30.35	312.48	8.722	0.399	-----	-----	-----	8.301	-----	-----	-----	8.700
12.30	27.82	312.57	11.33	0.406	-----	-----	-----	10.88	-----	-----	-----	11.28
12.33	25.07	312.64	13.54	0.404	-----	-----	0.099	12.99	-----	-----	-----	13.49
12.37	22.23	312.69	15.12	0.401	-----	-----	0.206	14.49	-----	-----	-----	15.09
12.40	19.55	312.72	16.03	0.399	-----	-----	0.267	15.34	-----	-----	-----	16.01
12.43	17.29	312.73	16.41	0.398	-----	-----	0.292	15.70	-----	-----	-----	16.39
12.47	15.49	312.73 <<	16.41	0.398	-----	-----	0.292	15.70	-----	-----	-----	16.39 <<
12.50	13.98	312.72	16.15	0.399	-----	-----	0.275	15.45	-----	-----	-----	16.13
12.53	12.57	312.71	15.70	0.400	-----	-----	0.245	15.03	-----	-----	-----	15.68
12.57	11.21	312.69	15.11	0.401	-----	-----	0.205	14.48	-----	-----	-----	15.08
12.60	9.946	312.67	14.41	0.403	-----	-----	0.157	13.81	-----	-----	-----	14.37
12.63	8.814	312.65	13.63	0.404	-----	-----	0.105	13.08	-----	-----	-----	13.59
12.67	7.860	312.62	12.81	0.406	-----	-----	0.050	12.30	-----	-----	-----	12.76
12.70	7.093	312.60	12.00	0.407	-----	-----	-----	11.54	-----	-----	-----	11.95
12.73	6.488	312.57	11.34	0.406	-----	-----	-----	10.89	-----	-----	-----	11.29
12.77	6.022	312.55	10.70	0.404	-----	-----	-----	10.25	-----	-----	-----	10.65
12.80	5.668	312.53	10.08	0.402	-----	-----	-----	9.642	-----	-----	-----	10.04
12.83	5.403	312.50	9.503	0.401	-----	-----	-----	9.072	-----	-----	-----	9.473
12.87	5.201	312.48	8.969	0.400	-----	-----	-----	8.545	-----	-----	-----	8.944
12.90	5.037	312.47	8.479	0.398	-----	-----	-----	8.061	-----	-----	-----	8.459

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 30

Design Point D

Hydrograph type	= Combine	Peak discharge	= 19.12 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.43 hrs
Time interval	= 2 min	Hyd. volume	= 70,695 cuft
Inflow hyds.	= 8, 29	Contrib. drain. area	= 1.960 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 8 + (cfs)	Hyd. 29 = (cfs)	Outflow (cfs)
12.23	5.184	5.711	10.90
12.27	4.432	8.700	13.13
12.30	3.938	11.28	15.22
12.33	3.599	13.49	17.09
12.37	3.312	15.09	18.41
12.40	3.023	16.01	19.03
12.43	2.732	16.39	19.12 <<
12.47	2.440	16.39 <<	18.83
12.50	2.146	16.13	18.27
12.53	1.862	15.68	17.54
12.57	1.610	15.08	16.69
12.60	1.414	14.37	15.79
12.63	1.277	13.59	14.86
12.67	1.187	12.76	13.95
12.70	1.129	11.95	13.07
12.73	1.092	11.29	12.38
12.77	1.062	10.65	11.72
12.80	1.031	10.04	11.08
12.83	1.000	9.473	10.47
12.87	0.969	8.944	9.913

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 31

Pond I

Hydrograph type	=	Reservoir	Peak discharge	=	0.497 cfs
Storm frequency	=	10 yrs	Time to peak	=	24.07 hrs
Time interval	=	2 min	Hyd. volume	=	47,883 cuft
Inflow hyd. No.	=	13 - PR-I	Reservoir name	=	Pond I
Max. Elevation	=	299.81 ft	Max. Storage	=	158,839 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.10	44.25	296.62	0.273	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
12.13	46.35 <<	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
12.17	45.56	297.03	0.315	0.303	-----	-----	-----	-----	-----	-----	-----	0.303
12.20	42.82	297.22	0.334	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
12.23	39.13	297.40	0.335	0.335	-----	-----	-----	-----	-----	-----	-----	0.335
12.27	35.06	297.56	0.353	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
12.30	30.86	297.71	0.370	0.360	-----	-----	-----	-----	-----	-----	-----	0.360
12.33	26.93	297.83	0.382	0.370	-----	-----	-----	-----	-----	-----	-----	0.370
12.37	23.72	297.94	0.382	0.378	-----	-----	-----	-----	-----	-----	-----	0.378
12.40	21.31	298.03	0.386	0.384	-----	-----	-----	-----	-----	-----	-----	0.384
12.43	19.38	298.10	0.394	0.389	-----	-----	-----	-----	-----	-----	-----	0.389
12.47	17.60	298.16	0.402	0.394	-----	-----	-----	-----	-----	-----	-----	0.394
12.50	15.80	298.21	0.407	0.397	-----	-----	-----	-----	-----	-----	-----	0.397
12.53	14.02	298.26	0.408	0.401	-----	-----	-----	-----	-----	-----	-----	0.401
12.57	12.35	298.31	0.409	0.404	-----	-----	-----	-----	-----	-----	-----	0.404
12.60	10.85	298.34	0.409	0.406	-----	-----	-----	-----	-----	-----	-----	0.406
12.63	9.616	298.38	0.410	0.409	-----	-----	-----	-----	-----	-----	-----	0.409
12.67	8.655	298.41	0.411	0.411	-----	-----	-----	-----	-----	-----	-----	0.411
12.70	7.930	298.43	0.414	0.412	-----	-----	-----	-----	-----	-----	-----	0.412
12.73	7.396	298.46	0.417	0.414	-----	-----	-----	-----	-----	-----	-----	0.414
12.77	7.013	298.48	0.419	0.416	-----	-----	-----	-----	-----	-----	-----	0.416
12.80	6.737	298.50	0.422	0.417	-----	-----	-----	-----	-----	-----	-----	0.417
12.83	6.526	298.52	0.424	0.418	-----	-----	-----	-----	-----	-----	-----	0.418
12.87	6.335	298.54	0.427	0.420	-----	-----	-----	-----	-----	-----	-----	0.420
12.90	6.144	298.56	0.429	0.421	-----	-----	-----	-----	-----	-----	-----	0.421
12.93	5.952	298.58	0.431	0.422	-----	-----	-----	-----	-----	-----	-----	0.422
12.97	5.760	298.60	0.433	0.424	-----	-----	-----	-----	-----	-----	-----	0.424
13.00	5.567	298.62	0.434	0.425	-----	-----	-----	-----	-----	-----	-----	0.425
13.03	5.378	298.63	0.434	0.426	-----	-----	-----	-----	-----	-----	-----	0.426
13.07	5.197	298.65	0.434	0.427	-----	-----	-----	-----	-----	-----	-----	0.427
13.10	5.033	298.67	0.434	0.428	-----	-----	-----	-----	-----	-----	-----	0.428
13.13	4.892	298.68	0.435	0.429	-----	-----	-----	-----	-----	-----	-----	0.429
13.17	4.775	298.70	0.435	0.430	-----	-----	-----	-----	-----	-----	-----	0.430
13.20	4.679	298.71	0.435	0.431	-----	-----	-----	-----	-----	-----	-----	0.431
13.23	4.600	298.72	0.435	0.432	-----	-----	-----	-----	-----	-----	-----	0.432
13.27	4.533	298.74	0.436	0.433	-----	-----	-----	-----	-----	-----	-----	0.433
13.30	4.477	298.75	0.436	0.434	-----	-----	-----	-----	-----	-----	-----	0.434
13.33	4.425	298.77	0.436	0.434	-----	-----	-----	-----	-----	-----	-----	0.434
13.37	4.376	298.78	0.436	0.435	-----	-----	-----	-----	-----	-----	-----	0.435
13.40	4.326	298.79	0.437	0.436	-----	-----	-----	-----	-----	-----	-----	0.436
13.43	4.277	298.80	0.437	0.437	-----	-----	-----	-----	-----	-----	-----	0.437
13.47	4.227	298.82	0.439	0.438	-----	-----	-----	-----	-----	-----	-----	0.438

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.50	4.177	298.83	0.440	0.439	-----	-----	-----	-----	-----	-----	-----	0.439
13.53	4.127	298.84	0.442	0.439	-----	-----	-----	-----	-----	-----	-----	0.439
13.57	4.077	298.85	0.443	0.440	-----	-----	-----	-----	-----	-----	-----	0.440
13.60	4.027	298.87	0.445	0.441	-----	-----	-----	-----	-----	-----	-----	0.441
13.63	3.977	298.88	0.446	0.442	-----	-----	-----	-----	-----	-----	-----	0.442
13.67	3.927	298.89	0.448	0.442	-----	-----	-----	-----	-----	-----	-----	0.442
13.70	3.877	298.90	0.449	0.443	-----	-----	-----	-----	-----	-----	-----	0.443
13.73	3.826	298.91	0.451	0.444	-----	-----	-----	-----	-----	-----	-----	0.444
13.77	3.776	298.93	0.452	0.445	-----	-----	-----	-----	-----	-----	-----	0.445
13.80	3.725	298.94	0.453	0.445	-----	-----	-----	-----	-----	-----	-----	0.445
13.83	3.675	298.95	0.455	0.446	-----	-----	-----	-----	-----	-----	-----	0.446
13.87	3.624	298.96	0.456	0.447	-----	-----	-----	-----	-----	-----	-----	0.447
13.90	3.574	298.97	0.457	0.447	-----	-----	-----	-----	-----	-----	-----	0.447
13.93	3.523	298.98	0.458	0.448	-----	-----	-----	-----	-----	-----	-----	0.448
13.97	3.472	298.99	0.460	0.449	-----	-----	-----	-----	-----	-----	-----	0.449
14.00	3.421	299.00	0.461	0.449	-----	-----	-----	-----	-----	-----	-----	0.449
14.03	3.371	299.01	0.461	0.450	-----	-----	-----	-----	-----	-----	-----	0.450
14.07	3.322	299.02	0.461	0.451	-----	-----	-----	-----	-----	-----	-----	0.451
14.10	3.277	299.03	0.461	0.451	-----	-----	-----	-----	-----	-----	-----	0.451
14.13	3.236	299.04	0.461	0.452	-----	-----	-----	-----	-----	-----	-----	0.452
14.17	3.199	299.05	0.461	0.452	-----	-----	-----	-----	-----	-----	-----	0.452
14.20	3.166	299.06	0.461	0.453	-----	-----	-----	-----	-----	-----	-----	0.453
14.23	3.137	299.07	0.461	0.453	-----	-----	-----	-----	-----	-----	-----	0.453
14.27	3.109	299.07	0.461	0.454	-----	-----	-----	-----	-----	-----	-----	0.454
14.30	3.084	299.08	0.461	0.454	-----	-----	-----	-----	-----	-----	-----	0.454
14.33	3.059	299.09	0.461	0.455	-----	-----	-----	-----	-----	-----	-----	0.455
14.37	3.035	299.10	0.461	0.456	-----	-----	-----	-----	-----	-----	-----	0.456
14.40	3.011	299.11	0.461	0.456	-----	-----	-----	-----	-----	-----	-----	0.456
14.43	2.987	299.12	0.461	0.457	-----	-----	-----	-----	-----	-----	-----	0.457
14.47	2.962	299.13	0.461	0.457	-----	-----	-----	-----	-----	-----	-----	0.457
14.50	2.938	299.14	0.461	0.458	-----	-----	-----	-----	-----	-----	-----	0.458
14.53	2.914	299.14	0.461	0.458	-----	-----	-----	-----	-----	-----	-----	0.458
14.57	2.890	299.15	0.461	0.459	-----	-----	-----	-----	-----	-----	-----	0.459
14.60	2.865	299.16	0.462	0.459	-----	-----	-----	-----	-----	-----	-----	0.459
14.63	2.841	299.17	0.462	0.460	-----	-----	-----	-----	-----	-----	-----	0.460
14.67	2.817	299.18	0.462	0.460	-----	-----	-----	-----	-----	-----	-----	0.460
14.70	2.792	299.18	0.462	0.461	-----	-----	-----	-----	-----	-----	-----	0.461
14.73	2.768	299.19	0.462	0.461	-----	-----	-----	-----	-----	-----	-----	0.461
14.77	2.743	299.20	0.462	0.462	-----	-----	-----	-----	-----	-----	-----	0.462
14.80	2.719	299.21	0.463	0.462	-----	-----	-----	-----	-----	-----	-----	0.462
14.83	2.695	299.21	0.464	0.462	-----	-----	-----	-----	-----	-----	-----	0.462
14.87	2.670	299.22	0.465	0.463	-----	-----	-----	-----	-----	-----	-----	0.463
14.90	2.646	299.23	0.466	0.463	-----	-----	-----	-----	-----	-----	-----	0.463
14.93	2.621	299.24	0.467	0.464	-----	-----	-----	-----	-----	-----	-----	0.464
14.97	2.596	299.24	0.468	0.464	-----	-----	-----	-----	-----	-----	-----	0.464
15.00	2.572	299.25	0.469	0.465	-----	-----	-----	-----	-----	-----	-----	0.465
15.03	2.547	299.26	0.470	0.465	-----	-----	-----	-----	-----	-----	-----	0.465
15.07	2.523	299.26	0.471	0.465	-----	-----	-----	-----	-----	-----	-----	0.465
15.10	2.498	299.27	0.472	0.466	-----	-----	-----	-----	-----	-----	-----	0.466
15.13	2.473	299.28	0.473	0.466	-----	-----	-----	-----	-----	-----	-----	0.466
15.17	2.449	299.29	0.474	0.467	-----	-----	-----	-----	-----	-----	-----	0.467
15.20	2.424	299.29	0.474	0.467	-----	-----	-----	-----	-----	-----	-----	0.467
15.23	2.399	299.30	0.475	0.467	-----	-----	-----	-----	-----	-----	-----	0.467
15.27	2.375	299.30	0.476	0.468	-----	-----	-----	-----	-----	-----	-----	0.468
15.30	2.350	299.31	0.477	0.468	-----	-----	-----	-----	-----	-----	-----	0.468
15.33	2.325	299.32	0.478	0.469	-----	-----	-----	-----	-----	-----	-----	0.469

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
15.37	2.301	299.32	0.479	0.469	-----	-----	-----	-----	-----	-----	-----	0.469
15.40	2.276	299.33	0.480	0.469	-----	-----	-----	-----	-----	-----	-----	0.469
15.43	2.251	299.34	0.481	0.470	-----	-----	-----	-----	-----	-----	-----	0.470
15.47	2.226	299.34	0.481	0.470	-----	-----	-----	-----	-----	-----	-----	0.470
15.50	2.201	299.35	0.482	0.470	-----	-----	-----	-----	-----	-----	-----	0.470
15.53	2.177	299.35	0.483	0.471	-----	-----	-----	-----	-----	-----	-----	0.471
15.57	2.152	299.36	0.484	0.471	-----	-----	-----	-----	-----	-----	-----	0.471
15.60	2.127	299.36	0.485	0.471	-----	-----	-----	-----	-----	-----	-----	0.471
15.63	2.102	299.37	0.485	0.472	-----	-----	-----	-----	-----	-----	-----	0.472
15.67	2.077	299.38	0.486	0.472	-----	-----	-----	-----	-----	-----	-----	0.472
15.70	2.052	299.38	0.487	0.472	-----	-----	-----	-----	-----	-----	-----	0.472
15.73	2.027	299.39	0.488	0.473	-----	-----	-----	-----	-----	-----	-----	0.473
15.77	2.002	299.39	0.488	0.473	-----	-----	-----	-----	-----	-----	-----	0.473
15.80	1.977	299.40	0.489	0.473	-----	-----	-----	-----	-----	-----	-----	0.473
15.83	1.952	299.40	0.490	0.474	-----	-----	-----	-----	-----	-----	-----	0.474
15.87	1.928	299.41	0.490	0.474	-----	-----	-----	-----	-----	-----	-----	0.474
15.90	1.903	299.41	0.490	0.474	-----	-----	-----	-----	-----	-----	-----	0.474
15.93	1.878	299.42	0.490	0.474	-----	-----	-----	-----	-----	-----	-----	0.474
15.97	1.853	299.42	0.490	0.475	-----	-----	-----	-----	-----	-----	-----	0.475
16.00	1.828	299.43	0.490	0.475	-----	-----	-----	-----	-----	-----	-----	0.475
16.03	1.803	299.43	0.490	0.475	-----	-----	-----	-----	-----	-----	-----	0.475
16.07	1.779	299.43	0.490	0.476	-----	-----	-----	-----	-----	-----	-----	0.476
16.10	1.757	299.44	0.490	0.476	-----	-----	-----	-----	-----	-----	-----	0.476
16.13	1.737	299.44	0.490	0.476	-----	-----	-----	-----	-----	-----	-----	0.476
16.17	1.720	299.45	0.490	0.476	-----	-----	-----	-----	-----	-----	-----	0.476
16.20	1.704	299.45	0.490	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
16.23	1.691	299.46	0.490	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
16.27	1.678	299.46	0.490	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
16.30	1.667	299.46	0.490	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
16.33	1.656	299.47	0.490	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
16.37	1.645	299.47	0.490	0.478	-----	-----	-----	-----	-----	-----	-----	0.478
16.40	1.634	299.48	0.490	0.478	-----	-----	-----	-----	-----	-----	-----	0.478
16.43	1.623	299.48	0.490	0.478	-----	-----	-----	-----	-----	-----	-----	0.478
16.47	1.612	299.48	0.490	0.478	-----	-----	-----	-----	-----	-----	-----	0.478
16.50	1.602	299.49	0.490	0.479	-----	-----	-----	-----	-----	-----	-----	0.479
16.53	1.591	299.49	0.490	0.479	-----	-----	-----	-----	-----	-----	-----	0.479
16.57	1.580	299.49	0.490	0.479	-----	-----	-----	-----	-----	-----	-----	0.479
16.60	1.569	299.50	0.490	0.479	-----	-----	-----	-----	-----	-----	-----	0.479
16.63	1.558	299.50	0.490	0.479	-----	-----	-----	-----	-----	-----	-----	0.479
16.67	1.547	299.51	0.490	0.480	-----	-----	-----	-----	-----	-----	-----	0.480
16.70	1.537	299.51	0.490	0.480	-----	-----	-----	-----	-----	-----	-----	0.480
16.73	1.526	299.51	0.490	0.480	-----	-----	-----	-----	-----	-----	-----	0.480
16.77	1.515	299.52	0.490	0.480	-----	-----	-----	-----	-----	-----	-----	0.480
16.80	1.504	299.52	0.490	0.480	-----	-----	-----	-----	-----	-----	-----	0.480
16.83	1.493	299.52	0.490	0.481	-----	-----	-----	-----	-----	-----	-----	0.481
16.87	1.482	299.53	0.490	0.481	-----	-----	-----	-----	-----	-----	-----	0.481
16.90	1.471	299.53	0.490	0.481	-----	-----	-----	-----	-----	-----	-----	0.481
16.93	1.461	299.53	0.490	0.481	-----	-----	-----	-----	-----	-----	-----	0.481
16.97	1.450	299.54	0.490	0.481	-----	-----	-----	-----	-----	-----	-----	0.481
17.00	1.439	299.54	0.490	0.482	-----	-----	-----	-----	-----	-----	-----	0.482
17.03	1.428	299.54	0.490	0.482	-----	-----	-----	-----	-----	-----	-----	0.482
17.07	1.417	299.55	0.490	0.482	-----	-----	-----	-----	-----	-----	-----	0.482
17.10	1.406	299.55	0.490	0.482	-----	-----	-----	-----	-----	-----	-----	0.482
17.13	1.395	299.55	0.490	0.482	-----	-----	-----	-----	-----	-----	-----	0.482
17.17	1.384	299.56	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
17.20	1.373	299.56	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.23	1.363	299.56	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
17.27	1.352	299.56	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
17.30	1.341	299.57	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
17.33	1.330	299.57	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
17.37	1.319	299.57	0.490	0.484	-----	-----	-----	-----	-----	-----	-----	0.484
17.40	1.308	299.58	0.490	0.484	-----	-----	-----	-----	-----	-----	-----	0.484
17.43	1.297	299.58	0.490	0.484	-----	-----	-----	-----	-----	-----	-----	0.484
17.47	1.286	299.58	0.490	0.484	-----	-----	-----	-----	-----	-----	-----	0.484
17.50	1.275	299.58	0.490	0.484	-----	-----	-----	-----	-----	-----	-----	0.484
17.53	1.264	299.59	0.490	0.484	-----	-----	-----	-----	-----	-----	-----	0.484
17.57	1.253	299.59	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
17.60	1.242	299.59	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
17.63	1.232	299.59	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
17.67	1.221	299.60	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
17.70	1.210	299.60	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
17.73	1.199	299.60	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
17.77	1.188	299.60	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
17.80	1.177	299.61	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
17.83	1.166	299.61	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
17.87	1.155	299.61	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
17.90	1.144	299.61	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
17.93	1.133	299.62	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
17.97	1.122	299.62	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
18.00	1.111	299.62	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
18.03	1.100	299.62	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
18.07	1.090	299.62	0.490	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
18.10	1.081	299.63	0.490	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
18.13	1.072	299.63	0.491	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
18.17	1.066	299.63	0.491	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
18.20	1.060	299.63	0.491	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
18.23	1.055	299.63	0.491	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
18.27	1.051	299.64	0.491	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
18.30	1.047	299.64	0.491	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
18.33	1.044	299.64	0.491	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
18.37	1.041	299.64	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
18.40	1.037	299.64	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
18.43	1.034	299.64	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
18.47	1.031	299.65	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
18.50	1.028	299.65	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
18.53	1.024	299.65	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
18.57	1.021	299.65	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
18.60	1.018	299.65	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
18.63	1.015	299.66	0.492	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
18.67	1.011	299.66	0.492	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
18.70	1.008	299.66	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
18.73	1.005	299.66	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
18.77	1.002	299.66	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
18.80	0.998	299.66	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
18.83	0.995	299.67	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
18.87	0.992	299.67	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
18.90	0.988	299.67	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
18.93	0.985	299.67	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
18.97	0.982	299.67	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
19.00	0.979	299.67	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
19.03	0.975	299.68	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
19.07	0.972	299.68	0.492	0.490	-----	-----	-----	-----	-----	-----	-----	0.490

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
19.10	0.969	299.68	0.492	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
19.13	0.966	299.68	0.492	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
19.17	0.962	299.68	0.492	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
19.20	0.959	299.68	0.493	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
19.23	0.956	299.69	0.493	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
19.27	0.953	299.69	0.493	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
19.30	0.949	299.69	0.493	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
19.33	0.946	299.69	0.493	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
19.37	0.943	299.69	0.493	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
19.40	0.940	299.69	0.493	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
19.43	0.936	299.69	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
19.47	0.933	299.70	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
19.50	0.930	299.70	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
19.53	0.926	299.70	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
19.57	0.923	299.70	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
19.60	0.920	299.70	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
19.63	0.917	299.70	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
19.67	0.913	299.70	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
19.70	0.910	299.71	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
19.73	0.907	299.71	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
19.77	0.904	299.71	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
19.80	0.900	299.71	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
19.83	0.897	299.71	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
19.87	0.894	299.71	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
19.90	0.890	299.71	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
19.93	0.887	299.72	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
19.97	0.884	299.72	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
20.00	0.881	299.72	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
20.03	0.877	299.72	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
20.07	0.874	299.72	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
20.10	0.871	299.72	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
20.13	0.867	299.72	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
20.17	0.864	299.72	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
20.20	0.861	299.73	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
20.23	0.858	299.73	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
20.27	0.854	299.73	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
20.30	0.851	299.73	0.494	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
20.33	0.848	299.73	0.494	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
20.37	0.844	299.73	0.494	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
20.40	0.841	299.73	0.494	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
20.43	0.838	299.73	0.494	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
20.47	0.835	299.74	0.494	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
20.50	0.831	299.74	0.494	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
20.53	0.828	299.74	0.494	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
20.57	0.825	299.74	0.494	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
20.60	0.821	299.74	0.495	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
20.63	0.818	299.74	0.495	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
20.67	0.815	299.74	0.495	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
20.70	0.812	299.74	0.495	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
20.73	0.808	299.74	0.495	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
20.77	0.805	299.75	0.495	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
20.80	0.802	299.75	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
20.83	0.798	299.75	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
20.87	0.795	299.75	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
20.90	0.792	299.75	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
20.93	0.788	299.75	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
20.97	0.785	299.75	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
21.00	0.782	299.75	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
21.03	0.779	299.75	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
21.07	0.775	299.75	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
21.10	0.772	299.76	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
21.13	0.769	299.76	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
21.17	0.765	299.76	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
21.20	0.762	299.76	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
21.23	0.759	299.76	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
21.27	0.755	299.76	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
21.30	0.752	299.76	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
21.33	0.749	299.76	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
21.37	0.746	299.76	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
21.40	0.742	299.76	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
21.43	0.739	299.76	0.495	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
21.47	0.736	299.76	0.495	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
21.50	0.732	299.77	0.495	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
21.53	0.729	299.77	0.495	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
21.57	0.726	299.77	0.495	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
21.60	0.722	299.77	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
21.63	0.719	299.77	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
21.67	0.716	299.77	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
21.70	0.713	299.77	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
21.73	0.709	299.77	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
21.77	0.706	299.77	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
21.80	0.703	299.77	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
21.83	0.699	299.77	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
21.87	0.696	299.77	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
21.90	0.693	299.77	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
21.93	0.689	299.78	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
21.97	0.686	299.78	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
22.00	0.683	299.78	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
22.03	0.750	299.78	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
22.07	0.820	299.78	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
22.10	0.892	299.78	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
22.13	0.966	299.78	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
22.17	0.932	299.78	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.20	0.897	299.78	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.23	0.860	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.27	0.823	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.30	0.784	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.33	0.743	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.37	0.702	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.40	0.699	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.43	0.697	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.47	0.694	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.50	0.692	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.53	0.690	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.57	0.687	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.60	0.685	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.63	0.682	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.67	0.680	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.70	0.677	299.80	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.73	0.675	299.80	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.77	0.672	299.80	0.497	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.80	0.670	299.80	0.497	0.496	-----	-----	-----	-----	-----	-----	-----	0.496

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
22.83	0.667	299.80	0.497	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.87	0.665	299.80	0.497	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
22.90	0.662	299.80	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
22.93	0.660	299.80	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
22.97	0.657	299.80	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.00	0.655	299.80	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.03	0.652	299.80	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.07	0.650	299.80	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.10	0.647	299.80	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.13	0.645	299.80	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.17	0.642	299.80	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.20	0.640	299.80	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.23	0.637	299.80	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.27	0.635	299.80	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.30	0.632	299.81	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.33	0.630	299.81	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.37	0.627	299.81	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.40	0.625	299.81	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.43	0.622	299.81	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.47	0.620	299.81	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.50	0.618	299.81	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.53	0.615	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.57	0.613	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.60	0.610	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.63	0.608	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.67	0.605	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.70	0.603	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.73	0.600	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.77	0.598	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.80	0.595	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.83	0.593	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.87	0.590	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.90	0.588	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.93	0.585	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
23.97	0.583	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
24.00	0.580	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
24.03	0.552	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
24.07	0.498	299.81 <<	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497 <<
24.10	0.418	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
24.13	0.313	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
24.17	0.223	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
24.20	0.149	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
24.23	0.089	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
24.27	0.045	299.81	0.498	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
24.30	0.015	299.81	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
24.33	0.000	299.80	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
24.37	0.000	299.80	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
24.40	0.000	299.80	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
24.43	0.000	299.80	0.497	0.497	-----	-----	-----	-----	-----	-----	-----	0.497
24.47	0.000	299.80	0.497	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
24.50	0.000	299.80	0.497	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
24.53	0.000	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
24.57	0.000	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
24.60	0.000	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
24.63	0.000	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
24.67	0.000	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.70	0.000	299.79	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
24.73	0.000	299.78	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
24.77	0.000	299.78	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
24.80	0.000	299.78	0.496	0.496	-----	-----	-----	-----	-----	-----	-----	0.496
24.83	0.000	299.78	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
24.87	0.000	299.78	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
24.90	0.000	299.78	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
24.93	0.000	299.77	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
24.97	0.000	299.77	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
25.00	0.000	299.77	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
25.03	0.000	299.77	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
25.07	0.000	299.77	0.496	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
25.10	0.000	299.77	0.495	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
25.13	0.000	299.76	0.495	0.495	-----	-----	-----	-----	-----	-----	-----	0.495
25.17	0.000	299.76	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
25.20	0.000	299.76	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
25.23	0.000	299.76	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
25.27	0.000	299.76	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
25.30	0.000	299.76	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
25.33	0.000	299.75	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
25.37	0.000	299.75	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
25.40	0.000	299.75	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
25.43	0.000	299.75	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
25.47	0.000	299.75	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
25.50	0.000	299.75	0.495	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
25.53	0.000	299.74	0.495	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
25.57	0.000	299.74	0.495	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
25.60	0.000	299.74	0.495	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
25.63	0.000	299.74	0.495	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
25.67	0.000	299.74	0.494	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
25.70	0.000	299.74	0.494	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
25.73	0.000	299.73	0.494	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
25.77	0.000	299.73	0.494	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
25.80	0.000	299.73	0.494	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
25.83	0.000	299.73	0.494	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
25.87	0.000	299.73	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
25.90	0.000	299.73	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
25.93	0.000	299.72	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
25.97	0.000	299.72	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
26.00	0.000	299.72	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
26.03	0.000	299.72	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
26.07	0.000	299.72	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
26.10	0.000	299.72	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
26.13	0.000	299.71	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
26.17	0.000	299.71	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
26.20	0.000	299.71	0.494	0.492	-----	-----	-----	-----	-----	-----	-----	0.492
26.23	0.000	299.71	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
26.27	0.000	299.71	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
26.30	0.000	299.71	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
26.33	0.000	299.71	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
26.37	0.000	299.70	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
26.40	0.000	299.70	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
26.43	0.000	299.70	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
26.47	0.000	299.70	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
26.50	0.000	299.70	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
26.53	0.000	299.70	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
26.57	0.000	299.69	0.493	0.491	-----	-----	-----	-----	-----	-----	-----	0.491
26.60	0.000	299.69	0.493	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
26.63	0.000	299.69	0.493	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
26.67	0.000	299.69	0.493	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
26.70	0.000	299.69	0.493	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
26.73	0.000	299.69	0.493	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
26.77	0.000	299.68	0.493	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
26.80	0.000	299.68	0.492	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
26.83	0.000	299.68	0.492	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
26.87	0.000	299.68	0.492	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
26.90	0.000	299.68	0.492	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
26.93	0.000	299.68	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
26.97	0.000	299.67	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
27.00	0.000	299.67	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
27.03	0.000	299.67	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
27.07	0.000	299.67	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
27.10	0.000	299.67	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
27.13	0.000	299.67	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
27.17	0.000	299.66	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
27.20	0.000	299.66	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
27.23	0.000	299.66	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
27.27	0.000	299.66	0.492	0.489	-----	-----	-----	-----	-----	-----	-----	0.489
27.30	0.000	299.66	0.492	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
27.33	0.000	299.66	0.492	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
27.37	0.000	299.65	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
27.40	0.000	299.65	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
27.43	0.000	299.65	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
27.47	0.000	299.65	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
27.50	0.000	299.65	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
27.53	0.000	299.65	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
27.57	0.000	299.64	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
27.60	0.000	299.64	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
27.63	0.000	299.64	0.491	0.488	-----	-----	-----	-----	-----	-----	-----	0.488
27.67	0.000	299.64	0.491	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
27.70	0.000	299.64	0.491	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
27.73	0.000	299.64	0.491	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
27.77	0.000	299.63	0.491	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
27.80	0.000	299.63	0.491	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
27.83	0.000	299.63	0.491	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
27.87	0.000	299.63	0.491	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
27.90	0.000	299.63	0.491	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
27.93	0.000	299.63	0.490	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
27.97	0.000	299.62	0.490	0.487	-----	-----	-----	-----	-----	-----	-----	0.487
28.00	0.000	299.62	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
28.03	0.000	299.62	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
28.07	0.000	299.62	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
28.10	0.000	299.62	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
28.13	0.000	299.62	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
28.17	0.000	299.61	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
28.20	0.000	299.61	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
28.23	0.000	299.61	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
28.27	0.000	299.61	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
28.30	0.000	299.61	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
28.33	0.000	299.61	0.490	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
28.37	0.000	299.60	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
28.40	0.000	299.60	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
28.43	0.000	299.60	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
28.47	0.000	299.60	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
28.50	0.000	299.60	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
28.53	0.000	299.60	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
28.57	0.000	299.60	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
28.60	0.000	299.59	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
28.63	0.000	299.59	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
28.67	0.000	299.59	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
28.70	0.000	299.59	0.490	0.485	-----	-----	-----	-----	-----	-----	-----	0.485
28.73	0.000	299.59	0.490	0.484	-----	-----	-----	-----	-----	-----	-----	0.484
28.77	0.000	299.59	0.490	0.484	-----	-----	-----	-----	-----	-----	-----	0.484
28.80	0.000	299.58	0.490	0.484	-----	-----	-----	-----	-----	-----	-----	0.484
28.83	0.000	299.58	0.490	0.484	-----	-----	-----	-----	-----	-----	-----	0.484
28.87	0.000	299.58	0.490	0.484	-----	-----	-----	-----	-----	-----	-----	0.484
28.90	0.000	299.58	0.490	0.484	-----	-----	-----	-----	-----	-----	-----	0.484
28.93	0.000	299.58	0.490	0.484	-----	-----	-----	-----	-----	-----	-----	0.484
28.97	0.000	299.58	0.490	0.484	-----	-----	-----	-----	-----	-----	-----	0.484
29.00	0.000	299.57	0.490	0.484	-----	-----	-----	-----	-----	-----	-----	0.484
29.03	0.000	299.57	0.490	0.484	-----	-----	-----	-----	-----	-----	-----	0.484
29.07	0.000	299.57	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
29.10	0.000	299.57	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
29.13	0.000	299.57	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
29.17	0.000	299.57	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
29.20	0.000	299.56	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
29.23	0.000	299.56	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
29.27	0.000	299.56	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
29.30	0.000	299.56	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
29.33	0.000	299.56	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
29.37	0.000	299.56	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
29.40	0.000	299.55	0.490	0.483	-----	-----	-----	-----	-----	-----	-----	0.483
29.43	0.000	299.55	0.490	0.482	-----	-----	-----	-----	-----	-----	-----	0.482
29.47	0.000	299.55	0.490	0.482	-----	-----	-----	-----	-----	-----	-----	0.482
29.50	0.000	299.55	0.490	0.482	-----	-----	-----	-----	-----	-----	-----	0.482
29.53	0.000	299.55	0.490	0.482	-----	-----	-----	-----	-----	-----	-----	0.482
29.57	0.000	299.55	0.490	0.482	-----	-----	-----	-----	-----	-----	-----	0.482
29.60	0.000	299.54	0.490	0.482	-----	-----	-----	-----	-----	-----	-----	0.482
29.63	0.000	299.54	0.490	0.482	-----	-----	-----	-----	-----	-----	-----	0.482
29.67	0.000	299.54	0.490	0.482	-----	-----	-----	-----	-----	-----	-----	0.482
29.70	0.000	299.54	0.490	0.482	-----	-----	-----	-----	-----	-----	-----	0.482
29.73	0.000	299.54	0.490	0.482	-----	-----	-----	-----	-----	-----	-----	0.482
29.77	0.000	299.54	0.490	0.481	-----	-----	-----	-----	-----	-----	-----	0.481
29.80	0.000	299.53	0.490	0.481	-----	-----	-----	-----	-----	-----	-----	0.481
29.83	0.000	299.53	0.490	0.481	-----	-----	-----	-----	-----	-----	-----	0.481
29.87	0.000	299.53	0.490	0.481	-----	-----	-----	-----	-----	-----	-----	0.481
29.90	0.000	299.53	0.490	0.481	-----	-----	-----	-----	-----	-----	-----	0.481
29.93	0.000	299.53	0.490	0.481	-----	-----	-----	-----	-----	-----	-----	0.481
29.97	0.000	299.53	0.490	0.481	-----	-----	-----	-----	-----	-----	-----	0.481
30.00	0.000	299.53	0.490	0.481	-----	-----	-----	-----	-----	-----	-----	0.481
30.03	0.000	299.52	0.490	0.481	-----	-----	-----	-----	-----	-----	-----	0.481
30.07	0.000	299.52	0.490	0.481	-----	-----	-----	-----	-----	-----	-----	0.481
30.10	0.000	299.52	0.490	0.481	-----	-----	-----	-----	-----	-----	-----	0.481
30.13	0.000	299.52	0.490	0.480	-----	-----	-----	-----	-----	-----	-----	0.480
30.17	0.000	299.52	0.490	0.480	-----	-----	-----	-----	-----	-----	-----	0.480
30.20	0.000	299.52	0.490	0.480	-----	-----	-----	-----	-----	-----	-----	0.480
30.23	0.000	299.51	0.490	0.480	-----	-----	-----	-----	-----	-----	-----	0.480
30.27	0.000	299.51	0.490	0.480	-----	-----	-----	-----	-----	-----	-----	0.480

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.30	0.000	299.51	0.490	0.480	-----	-----	-----	-----	-----	-----	-----	0.480
30.33	0.000	299.51	0.490	0.480	-----	-----	-----	-----	-----	-----	-----	0.480
30.37	0.000	299.51	0.490	0.480	-----	-----	-----	-----	-----	-----	-----	0.480
30.40	0.000	299.51	0.490	0.480	-----	-----	-----	-----	-----	-----	-----	0.480
30.43	0.000	299.50	0.490	0.480	-----	-----	-----	-----	-----	-----	-----	0.480
30.47	0.000	299.50	0.490	0.480	-----	-----	-----	-----	-----	-----	-----	0.480
30.50	0.000	299.50	0.490	0.479	-----	-----	-----	-----	-----	-----	-----	0.479
30.53	0.000	299.50	0.490	0.479	-----	-----	-----	-----	-----	-----	-----	0.479
30.57	0.000	299.50	0.490	0.479	-----	-----	-----	-----	-----	-----	-----	0.479
30.60	0.000	299.50	0.490	0.479	-----	-----	-----	-----	-----	-----	-----	0.479
30.63	0.000	299.49	0.490	0.479	-----	-----	-----	-----	-----	-----	-----	0.479
30.67	0.000	299.49	0.490	0.479	-----	-----	-----	-----	-----	-----	-----	0.479
30.70	0.000	299.49	0.490	0.479	-----	-----	-----	-----	-----	-----	-----	0.479
30.73	0.000	299.49	0.490	0.479	-----	-----	-----	-----	-----	-----	-----	0.479
30.77	0.000	299.49	0.490	0.479	-----	-----	-----	-----	-----	-----	-----	0.479
30.80	0.000	299.49	0.490	0.479	-----	-----	-----	-----	-----	-----	-----	0.479
30.83	0.000	299.48	0.490	0.478	-----	-----	-----	-----	-----	-----	-----	0.478
30.87	0.000	299.48	0.490	0.478	-----	-----	-----	-----	-----	-----	-----	0.478
30.90	0.000	299.48	0.490	0.478	-----	-----	-----	-----	-----	-----	-----	0.478
30.93	0.000	299.48	0.490	0.478	-----	-----	-----	-----	-----	-----	-----	0.478
30.97	0.000	299.48	0.490	0.478	-----	-----	-----	-----	-----	-----	-----	0.478
31.00	0.000	299.48	0.490	0.478	-----	-----	-----	-----	-----	-----	-----	0.478
31.03	0.000	299.48	0.490	0.478	-----	-----	-----	-----	-----	-----	-----	0.478
31.07	0.000	299.47	0.490	0.478	-----	-----	-----	-----	-----	-----	-----	0.478
31.10	0.000	299.47	0.490	0.478	-----	-----	-----	-----	-----	-----	-----	0.478
31.13	0.000	299.47	0.490	0.478	-----	-----	-----	-----	-----	-----	-----	0.478
31.17	0.000	299.47	0.490	0.478	-----	-----	-----	-----	-----	-----	-----	0.478
31.20	0.000	299.47	0.490	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
31.23	0.000	299.47	0.490	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
31.27	0.000	299.46	0.490	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
31.30	0.000	299.46	0.490	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
31.33	0.000	299.46	0.490	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
31.37	0.000	299.46	0.490	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
31.40	0.000	299.46	0.490	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
31.43	0.000	299.46	0.490	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
31.47	0.000	299.45	0.490	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
31.50	0.000	299.45	0.490	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
31.53	0.000	299.45	0.490	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
31.57	0.000	299.45	0.490	0.476	-----	-----	-----	-----	-----	-----	-----	0.476
31.60	0.000	299.45	0.490	0.476	-----	-----	-----	-----	-----	-----	-----	0.476
31.63	0.000	299.45	0.490	0.476	-----	-----	-----	-----	-----	-----	-----	0.476
31.67	0.000	299.44	0.490	0.476	-----	-----	-----	-----	-----	-----	-----	0.476
31.70	0.000	299.44	0.490	0.476	-----	-----	-----	-----	-----	-----	-----	0.476
31.73	0.000	299.44	0.490	0.476	-----	-----	-----	-----	-----	-----	-----	0.476
31.77	0.000	299.44	0.490	0.476	-----	-----	-----	-----	-----	-----	-----	0.476
31.80	0.000	299.44	0.490	0.476	-----	-----	-----	-----	-----	-----	-----	0.476
31.83	0.000	299.44	0.490	0.476	-----	-----	-----	-----	-----	-----	-----	0.476
31.87	0.000	299.44	0.490	0.476	-----	-----	-----	-----	-----	-----	-----	0.476
31.90	0.000	299.43	0.490	0.475	-----	-----	-----	-----	-----	-----	-----	0.475
31.93	0.000	299.43	0.490	0.475	-----	-----	-----	-----	-----	-----	-----	0.475
31.97	0.000	299.43	0.490	0.475	-----	-----	-----	-----	-----	-----	-----	0.475
32.00	0.000	299.43	0.490	0.475	-----	-----	-----	-----	-----	-----	-----	0.475
32.03	0.000	299.43	0.490	0.475	-----	-----	-----	-----	-----	-----	-----	0.475
32.07	0.000	299.43	0.490	0.475	-----	-----	-----	-----	-----	-----	-----	0.475
32.10	0.000	299.42	0.490	0.475	-----	-----	-----	-----	-----	-----	-----	0.475
32.13	0.000	299.42	0.490	0.475	-----	-----	-----	-----	-----	-----	-----	0.475

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.17	0.000	299.42	0.490	0.475	-----	-----	-----	-----	-----	-----	-----	0.475
32.20	0.000	299.42	0.490	0.475	-----	-----	-----	-----	-----	-----	-----	0.475
32.23	0.000	299.42	0.490	0.475	-----	-----	-----	-----	-----	-----	-----	0.475
32.27	0.000	299.42	0.490	0.474	-----	-----	-----	-----	-----	-----	-----	0.474
32.30	0.000	299.41	0.490	0.474	-----	-----	-----	-----	-----	-----	-----	0.474
32.33	0.000	299.41	0.490	0.474	-----	-----	-----	-----	-----	-----	-----	0.474
32.37	0.000	299.41	0.490	0.474	-----	-----	-----	-----	-----	-----	-----	0.474
32.40	0.000	299.41	0.490	0.474	-----	-----	-----	-----	-----	-----	-----	0.474
32.43	0.000	299.41	0.490	0.474	-----	-----	-----	-----	-----	-----	-----	0.474
32.47	0.000	299.41	0.490	0.474	-----	-----	-----	-----	-----	-----	-----	0.474
32.50	0.000	299.40	0.490	0.474	-----	-----	-----	-----	-----	-----	-----	0.474
32.53	0.000	299.40	0.490	0.474	-----	-----	-----	-----	-----	-----	-----	0.474
32.57	0.000	299.40	0.490	0.474	-----	-----	-----	-----	-----	-----	-----	0.474
32.60	0.000	299.40	0.490	0.474	-----	-----	-----	-----	-----	-----	-----	0.474
32.63	0.000	299.40	0.489	0.473	-----	-----	-----	-----	-----	-----	-----	0.473
32.67	0.000	299.40	0.489	0.473	-----	-----	-----	-----	-----	-----	-----	0.473
32.70	0.000	299.40	0.489	0.473	-----	-----	-----	-----	-----	-----	-----	0.473
32.73	0.000	299.39	0.489	0.473	-----	-----	-----	-----	-----	-----	-----	0.473
32.77	0.000	299.39	0.488	0.473	-----	-----	-----	-----	-----	-----	-----	0.473
32.80	0.000	299.39	0.488	0.473	-----	-----	-----	-----	-----	-----	-----	0.473
32.83	0.000	299.39	0.488	0.473	-----	-----	-----	-----	-----	-----	-----	0.473
32.87	0.000	299.39	0.488	0.473	-----	-----	-----	-----	-----	-----	-----	0.473
32.90	0.000	299.39	0.488	0.473	-----	-----	-----	-----	-----	-----	-----	0.473
32.93	0.000	299.38	0.487	0.473	-----	-----	-----	-----	-----	-----	-----	0.473
32.97	0.000	299.38	0.487	0.472	-----	-----	-----	-----	-----	-----	-----	0.472
33.00	0.000	299.38	0.487	0.472	-----	-----	-----	-----	-----	-----	-----	0.472
33.03	0.000	299.38	0.487	0.472	-----	-----	-----	-----	-----	-----	-----	0.472
33.07	0.000	299.38	0.486	0.472	-----	-----	-----	-----	-----	-----	-----	0.472
33.10	0.000	299.38	0.486	0.472	-----	-----	-----	-----	-----	-----	-----	0.472
33.13	0.000	299.37	0.486	0.472	-----	-----	-----	-----	-----	-----	-----	0.472
33.17	0.000	299.37	0.486	0.472	-----	-----	-----	-----	-----	-----	-----	0.472
33.20	0.000	299.37	0.486	0.472	-----	-----	-----	-----	-----	-----	-----	0.472
33.23	0.000	299.37	0.485	0.472	-----	-----	-----	-----	-----	-----	-----	0.472
33.27	0.000	299.37	0.485	0.472	-----	-----	-----	-----	-----	-----	-----	0.472
33.30	0.000	299.37	0.485	0.472	-----	-----	-----	-----	-----	-----	-----	0.472
33.33	0.000	299.37	0.485	0.471	-----	-----	-----	-----	-----	-----	-----	0.471
33.37	0.000	299.36	0.484	0.471	-----	-----	-----	-----	-----	-----	-----	0.471
33.40	0.000	299.36	0.484	0.471	-----	-----	-----	-----	-----	-----	-----	0.471
33.43	0.000	299.36	0.484	0.471	-----	-----	-----	-----	-----	-----	-----	0.471
33.47	0.000	299.36	0.484	0.471	-----	-----	-----	-----	-----	-----	-----	0.471
33.50	0.000	299.36	0.484	0.471	-----	-----	-----	-----	-----	-----	-----	0.471
33.53	0.000	299.36	0.483	0.471	-----	-----	-----	-----	-----	-----	-----	0.471
33.57	0.000	299.35	0.483	0.471	-----	-----	-----	-----	-----	-----	-----	0.471
33.60	0.000	299.35	0.483	0.471	-----	-----	-----	-----	-----	-----	-----	0.471
33.63	0.000	299.35	0.483	0.471	-----	-----	-----	-----	-----	-----	-----	0.471
33.67	0.000	299.35	0.482	0.471	-----	-----	-----	-----	-----	-----	-----	0.471
33.70	0.000	299.35	0.482	0.470	-----	-----	-----	-----	-----	-----	-----	0.470
33.73	0.000	299.35	0.482	0.470	-----	-----	-----	-----	-----	-----	-----	0.470
33.77	0.000	299.34	0.482	0.470	-----	-----	-----	-----	-----	-----	-----	0.470
33.80	0.000	299.34	0.482	0.470	-----	-----	-----	-----	-----	-----	-----	0.470
33.83	0.000	299.34	0.481	0.470	-----	-----	-----	-----	-----	-----	-----	0.470
33.87	0.000	299.34	0.481	0.470	-----	-----	-----	-----	-----	-----	-----	0.470
33.90	0.000	299.34	0.481	0.470	-----	-----	-----	-----	-----	-----	-----	0.470
33.93	0.000	299.34	0.481	0.470	-----	-----	-----	-----	-----	-----	-----	0.470
33.97	0.000	299.34	0.480	0.470	-----	-----	-----	-----	-----	-----	-----	0.470
34.00	0.000	299.33	0.480	0.470	-----	-----	-----	-----	-----	-----	-----	0.470

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
34.03	0.000	299.33	0.480	0.469	-----	-----	-----	-----	-----	-----	-----	0.469
34.07	0.000	299.33	0.480	0.469	-----	-----	-----	-----	-----	-----	-----	0.469
34.10	0.000	299.33	0.480	0.469	-----	-----	-----	-----	-----	-----	-----	0.469
34.13	0.000	299.33	0.479	0.469	-----	-----	-----	-----	-----	-----	-----	0.469
34.17	0.000	299.33	0.479	0.469	-----	-----	-----	-----	-----	-----	-----	0.469
34.20	0.000	299.32	0.479	0.469	-----	-----	-----	-----	-----	-----	-----	0.469
34.23	0.000	299.32	0.479	0.469	-----	-----	-----	-----	-----	-----	-----	0.469
34.27	0.000	299.32	0.479	0.469	-----	-----	-----	-----	-----	-----	-----	0.469
34.30	0.000	299.32	0.478	0.469	-----	-----	-----	-----	-----	-----	-----	0.469
34.33	0.000	299.32	0.478	0.469	-----	-----	-----	-----	-----	-----	-----	0.469
34.37	0.000	299.32	0.478	0.469	-----	-----	-----	-----	-----	-----	-----	0.469
34.40	0.000	299.31	0.478	0.468	-----	-----	-----	-----	-----	-----	-----	0.468
34.43	0.000	299.31	0.477	0.468	-----	-----	-----	-----	-----	-----	-----	0.468
34.47	0.000	299.31	0.477	0.468	-----	-----	-----	-----	-----	-----	-----	0.468
34.50	0.000	299.31	0.477	0.468	-----	-----	-----	-----	-----	-----	-----	0.468
34.53	0.000	299.31	0.477	0.468	-----	-----	-----	-----	-----	-----	-----	0.468
34.57	0.000	299.31	0.477	0.468	-----	-----	-----	-----	-----	-----	-----	0.468
34.60	0.000	299.31	0.476	0.468	-----	-----	-----	-----	-----	-----	-----	0.468
34.63	0.000	299.30	0.476	0.468	-----	-----	-----	-----	-----	-----	-----	0.468
34.67	0.000	299.30	0.476	0.468	-----	-----	-----	-----	-----	-----	-----	0.468
34.70	0.000	299.30	0.476	0.468	-----	-----	-----	-----	-----	-----	-----	0.468
34.73	0.000	299.30	0.475	0.467	-----	-----	-----	-----	-----	-----	-----	0.467
34.77	0.000	299.30	0.475	0.467	-----	-----	-----	-----	-----	-----	-----	0.467
34.80	0.000	299.30	0.475	0.467	-----	-----	-----	-----	-----	-----	-----	0.467
34.83	0.000	299.29	0.475	0.467	-----	-----	-----	-----	-----	-----	-----	0.467
34.87	0.000	299.29	0.475	0.467	-----	-----	-----	-----	-----	-----	-----	0.467
34.90	0.000	299.29	0.474	0.467	-----	-----	-----	-----	-----	-----	-----	0.467
34.93	0.000	299.29	0.474	0.467	-----	-----	-----	-----	-----	-----	-----	0.467
34.97	0.000	299.29	0.474	0.467	-----	-----	-----	-----	-----	-----	-----	0.467
35.00	0.000	299.29	0.474	0.467	-----	-----	-----	-----	-----	-----	-----	0.467
35.03	0.000	299.28	0.473	0.467	-----	-----	-----	-----	-----	-----	-----	0.467
35.07	0.000	299.28	0.473	0.467	-----	-----	-----	-----	-----	-----	-----	0.467
35.10	0.000	299.28	0.473	0.466	-----	-----	-----	-----	-----	-----	-----	0.466
35.13	0.000	299.28	0.473	0.466	-----	-----	-----	-----	-----	-----	-----	0.466
35.17	0.000	299.28	0.473	0.466	-----	-----	-----	-----	-----	-----	-----	0.466
35.20	0.000	299.28	0.472	0.466	-----	-----	-----	-----	-----	-----	-----	0.466
35.23	0.000	299.28	0.472	0.466	-----	-----	-----	-----	-----	-----	-----	0.466
35.27	0.000	299.27	0.472	0.466	-----	-----	-----	-----	-----	-----	-----	0.466
35.30	0.000	299.27	0.472	0.466	-----	-----	-----	-----	-----	-----	-----	0.466
35.33	0.000	299.27	0.471	0.466	-----	-----	-----	-----	-----	-----	-----	0.466
35.37	0.000	299.27	0.471	0.466	-----	-----	-----	-----	-----	-----	-----	0.466
35.40	0.000	299.27	0.471	0.466	-----	-----	-----	-----	-----	-----	-----	0.466
35.43	0.000	299.27	0.471	0.466	-----	-----	-----	-----	-----	-----	-----	0.466
35.47	0.000	299.26	0.471	0.465	-----	-----	-----	-----	-----	-----	-----	0.465
35.50	0.000	299.26	0.470	0.465	-----	-----	-----	-----	-----	-----	-----	0.465
35.53	0.000	299.26	0.470	0.465	-----	-----	-----	-----	-----	-----	-----	0.465
35.57	0.000	299.26	0.470	0.465	-----	-----	-----	-----	-----	-----	-----	0.465
35.60	0.000	299.26	0.470	0.465	-----	-----	-----	-----	-----	-----	-----	0.465
35.63	0.000	299.26	0.470	0.465	-----	-----	-----	-----	-----	-----	-----	0.465
35.67	0.000	299.25	0.469	0.465	-----	-----	-----	-----	-----	-----	-----	0.465
35.70	0.000	299.25	0.469	0.465	-----	-----	-----	-----	-----	-----	-----	0.465
35.73	0.000	299.25	0.469	0.465	-----	-----	-----	-----	-----	-----	-----	0.465
35.77	0.000	299.25	0.469	0.465	-----	-----	-----	-----	-----	-----	-----	0.465
35.80	0.000	299.25	0.468	0.464	-----	-----	-----	-----	-----	-----	-----	0.464
35.83	0.000	299.25	0.468	0.464	-----	-----	-----	-----	-----	-----	-----	0.464
35.87	0.000	299.25	0.468	0.464	-----	-----	-----	-----	-----	-----	-----	0.464

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.90	0.000	299.24	0.468	0.464	-----	-----	-----	-----	-----	-----	-----	0.464
35.93	0.000	299.24	0.468	0.464	-----	-----	-----	-----	-----	-----	-----	0.464
35.97	0.000	299.24	0.467	0.464	-----	-----	-----	-----	-----	-----	-----	0.464
36.00	0.000	299.24	0.467	0.464	-----	-----	-----	-----	-----	-----	-----	0.464
36.03	0.000	299.24	0.467	0.464	-----	-----	-----	-----	-----	-----	-----	0.464
36.07	0.000	299.24	0.467	0.464	-----	-----	-----	-----	-----	-----	-----	0.464
36.10	0.000	299.23	0.466	0.464	-----	-----	-----	-----	-----	-----	-----	0.464
36.13	0.000	299.23	0.466	0.464	-----	-----	-----	-----	-----	-----	-----	0.464
36.17	0.000	299.23	0.466	0.463	-----	-----	-----	-----	-----	-----	-----	0.463
36.20	0.000	299.23	0.466	0.463	-----	-----	-----	-----	-----	-----	-----	0.463
36.23	0.000	299.23	0.466	0.463	-----	-----	-----	-----	-----	-----	-----	0.463
36.27	0.000	299.23	0.465	0.463	-----	-----	-----	-----	-----	-----	-----	0.463
36.30	0.000	299.23	0.465	0.463	-----	-----	-----	-----	-----	-----	-----	0.463
36.33	0.000	299.22	0.465	0.463	-----	-----	-----	-----	-----	-----	-----	0.463
36.37	0.000	299.22	0.465	0.463	-----	-----	-----	-----	-----	-----	-----	0.463
36.40	0.000	299.22	0.465	0.463	-----	-----	-----	-----	-----	-----	-----	0.463
36.43	0.000	299.22	0.464	0.463	-----	-----	-----	-----	-----	-----	-----	0.463
36.47	0.000	299.22	0.464	0.463	-----	-----	-----	-----	-----	-----	-----	0.463
36.50	0.000	299.22	0.464	0.463	-----	-----	-----	-----	-----	-----	-----	0.463
36.53	0.000	299.21	0.464	0.462	-----	-----	-----	-----	-----	-----	-----	0.462
36.57	0.000	299.21	0.463	0.462	-----	-----	-----	-----	-----	-----	-----	0.462
36.60	0.000	299.21	0.463	0.462	-----	-----	-----	-----	-----	-----	-----	0.462
36.63	0.000	299.21	0.463	0.462	-----	-----	-----	-----	-----	-----	-----	0.462
36.67	0.000	299.21	0.463	0.462	-----	-----	-----	-----	-----	-----	-----	0.462
36.70	0.000	299.21	0.463	0.462	-----	-----	-----	-----	-----	-----	-----	0.462
36.73	0.000	299.21	0.462	0.462	-----	-----	-----	-----	-----	-----	-----	0.462
36.77	0.000	299.20	0.462	0.462	-----	-----	-----	-----	-----	-----	-----	0.462
36.80	0.000	299.20	0.462	0.462	-----	-----	-----	-----	-----	-----	-----	0.462
36.83	0.000	299.20	0.462	0.462	-----	-----	-----	-----	-----	-----	-----	0.462
36.87	0.000	299.20	0.462	0.462	-----	-----	-----	-----	-----	-----	-----	0.462
36.90	0.000	299.20	0.462	0.461	-----	-----	-----	-----	-----	-----	-----	0.461
36.93	0.000	299.20	0.462	0.461	-----	-----	-----	-----	-----	-----	-----	0.461
36.97	0.000	299.19	0.462	0.461	-----	-----	-----	-----	-----	-----	-----	0.461
37.00	0.000	299.19	0.462	0.461	-----	-----	-----	-----	-----	-----	-----	0.461
37.03	0.000	299.19	0.462	0.461	-----	-----	-----	-----	-----	-----	-----	0.461
37.07	0.000	299.19	0.462	0.461	-----	-----	-----	-----	-----	-----	-----	0.461
37.10	0.000	299.19	0.462	0.461	-----	-----	-----	-----	-----	-----	-----	0.461
37.13	0.000	299.19	0.462	0.461	-----	-----	-----	-----	-----	-----	-----	0.461
37.17	0.000	299.18	0.462	0.461	-----	-----	-----	-----	-----	-----	-----	0.461
37.20	0.000	299.18	0.462	0.461	-----	-----	-----	-----	-----	-----	-----	0.461
37.23	0.000	299.18	0.462	0.460	-----	-----	-----	-----	-----	-----	-----	0.460
37.27	0.000	299.18	0.462	0.460	-----	-----	-----	-----	-----	-----	-----	0.460
37.30	0.000	299.18	0.462	0.460	-----	-----	-----	-----	-----	-----	-----	0.460
37.33	0.000	299.18	0.462	0.460	-----	-----	-----	-----	-----	-----	-----	0.460
37.37	0.000	299.18	0.462	0.460	-----	-----	-----	-----	-----	-----	-----	0.460
37.40	0.000	299.17	0.462	0.460	-----	-----	-----	-----	-----	-----	-----	0.460
37.43	0.000	299.17	0.462	0.460	-----	-----	-----	-----	-----	-----	-----	0.460
37.47	0.000	299.17	0.462	0.460	-----	-----	-----	-----	-----	-----	-----	0.460
37.50	0.000	299.17	0.462	0.460	-----	-----	-----	-----	-----	-----	-----	0.460
37.53	0.000	299.17	0.462	0.460	-----	-----	-----	-----	-----	-----	-----	0.460
37.57	0.000	299.17	0.462	0.460	-----	-----	-----	-----	-----	-----	-----	0.460
37.60	0.000	299.16	0.462	0.459	-----	-----	-----	-----	-----	-----	-----	0.459
37.63	0.000	299.16	0.462	0.459	-----	-----	-----	-----	-----	-----	-----	0.459
37.67	0.000	299.16	0.462	0.459	-----	-----	-----	-----	-----	-----	-----	0.459
37.70	0.000	299.16	0.462	0.459	-----	-----	-----	-----	-----	-----	-----	0.459
37.73	0.000	299.16	0.462	0.459	-----	-----	-----	-----	-----	-----	-----	0.459

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
37.77	0.000	299.16	0.462	0.459	-----	-----	-----	-----	-----	-----	-----	0.459
37.80	0.000	299.16	0.462	0.459	-----	-----	-----	-----	-----	-----	-----	0.459
37.83	0.000	299.15	0.461	0.459	-----	-----	-----	-----	-----	-----	-----	0.459
37.87	0.000	299.15	0.461	0.459	-----	-----	-----	-----	-----	-----	-----	0.459
37.90	0.000	299.15	0.461	0.459	-----	-----	-----	-----	-----	-----	-----	0.459
37.93	0.000	299.15	0.461	0.458	-----	-----	-----	-----	-----	-----	-----	0.458
37.97	0.000	299.15	0.461	0.458	-----	-----	-----	-----	-----	-----	-----	0.458
38.00	0.000	299.15	0.461	0.458	-----	-----	-----	-----	-----	-----	-----	0.458
38.03	0.000	299.14	0.461	0.458	-----	-----	-----	-----	-----	-----	-----	0.458
38.07	0.000	299.14	0.461	0.458	-----	-----	-----	-----	-----	-----	-----	0.458
38.10	0.000	299.14	0.461	0.458	-----	-----	-----	-----	-----	-----	-----	0.458
38.13	0.000	299.14	0.461	0.458	-----	-----	-----	-----	-----	-----	-----	0.458
38.17	0.000	299.14	0.461	0.458	-----	-----	-----	-----	-----	-----	-----	0.458
38.20	0.000	299.14	0.461	0.458	-----	-----	-----	-----	-----	-----	-----	0.458
38.23	0.000	299.14	0.461	0.458	-----	-----	-----	-----	-----	-----	-----	0.458
38.27	0.000	299.13	0.461	0.458	-----	-----	-----	-----	-----	-----	-----	0.458
38.30	0.000	299.13	0.461	0.457	-----	-----	-----	-----	-----	-----	-----	0.457
38.33	0.000	299.13	0.461	0.457	-----	-----	-----	-----	-----	-----	-----	0.457
38.37	0.000	299.13	0.461	0.457	-----	-----	-----	-----	-----	-----	-----	0.457
38.40	0.000	299.13	0.461	0.457	-----	-----	-----	-----	-----	-----	-----	0.457
38.43	0.000	299.13	0.461	0.457	-----	-----	-----	-----	-----	-----	-----	0.457
38.47	0.000	299.12	0.461	0.457	-----	-----	-----	-----	-----	-----	-----	0.457
38.50	0.000	299.12	0.461	0.457	-----	-----	-----	-----	-----	-----	-----	0.457
38.53	0.000	299.12	0.461	0.457	-----	-----	-----	-----	-----	-----	-----	0.457
38.57	0.000	299.12	0.461	0.457	-----	-----	-----	-----	-----	-----	-----	0.457
38.60	0.000	299.12	0.461	0.457	-----	-----	-----	-----	-----	-----	-----	0.457
38.63	0.000	299.12	0.461	0.456	-----	-----	-----	-----	-----	-----	-----	0.456
38.67	0.000	299.12	0.461	0.456	-----	-----	-----	-----	-----	-----	-----	0.456
38.70	0.000	299.11	0.461	0.456	-----	-----	-----	-----	-----	-----	-----	0.456
38.73	0.000	299.11	0.461	0.456	-----	-----	-----	-----	-----	-----	-----	0.456
38.77	0.000	299.11	0.461	0.456	-----	-----	-----	-----	-----	-----	-----	0.456
38.80	0.000	299.11	0.461	0.456	-----	-----	-----	-----	-----	-----	-----	0.456
38.83	0.000	299.11	0.461	0.456	-----	-----	-----	-----	-----	-----	-----	0.456
38.87	0.000	299.11	0.461	0.456	-----	-----	-----	-----	-----	-----	-----	0.456
38.90	0.000	299.10	0.461	0.456	-----	-----	-----	-----	-----	-----	-----	0.456
38.93	0.000	299.10	0.461	0.456	-----	-----	-----	-----	-----	-----	-----	0.456
38.97	0.000	299.10	0.461	0.456	-----	-----	-----	-----	-----	-----	-----	0.456
39.00	0.000	299.10	0.461	0.455	-----	-----	-----	-----	-----	-----	-----	0.455
39.03	0.000	299.10	0.461	0.455	-----	-----	-----	-----	-----	-----	-----	0.455
39.07	0.000	299.10	0.461	0.455	-----	-----	-----	-----	-----	-----	-----	0.455
39.10	0.000	299.10	0.461	0.455	-----	-----	-----	-----	-----	-----	-----	0.455
39.13	0.000	299.09	0.461	0.455	-----	-----	-----	-----	-----	-----	-----	0.455
39.17	0.000	299.09	0.461	0.455	-----	-----	-----	-----	-----	-----	-----	0.455
39.20	0.000	299.09	0.461	0.455	-----	-----	-----	-----	-----	-----	-----	0.455
39.23	0.000	299.09	0.461	0.455	-----	-----	-----	-----	-----	-----	-----	0.455
39.27	0.000	299.09	0.461	0.455	-----	-----	-----	-----	-----	-----	-----	0.455
39.30	0.000	299.09	0.461	0.455	-----	-----	-----	-----	-----	-----	-----	0.455
39.33	0.000	299.08	0.461	0.455	-----	-----	-----	-----	-----	-----	-----	0.455
39.37	0.000	299.08	0.461	0.454	-----	-----	-----	-----	-----	-----	-----	0.454
39.40	0.000	299.08	0.461	0.454	-----	-----	-----	-----	-----	-----	-----	0.454
39.43	0.000	299.08	0.461	0.454	-----	-----	-----	-----	-----	-----	-----	0.454
39.47	0.000	299.08	0.461	0.454	-----	-----	-----	-----	-----	-----	-----	0.454
39.50	0.000	299.08	0.461	0.454	-----	-----	-----	-----	-----	-----	-----	0.454
39.53	0.000	299.08	0.461	0.454	-----	-----	-----	-----	-----	-----	-----	0.454
39.57	0.000	299.07	0.461	0.454	-----	-----	-----	-----	-----	-----	-----	0.454
39.60	0.000	299.07	0.461	0.454	-----	-----	-----	-----	-----	-----	-----	0.454

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
39.63	0.000	299.07	0.461	0.454	-----	-----	-----	-----	-----	-----	-----	0.454
39.67	0.000	299.07	0.461	0.454	-----	-----	-----	-----	-----	-----	-----	0.454
39.70	0.000	299.07	0.461	0.453	-----	-----	-----	-----	-----	-----	-----	0.453
39.73	0.000	299.07	0.461	0.453	-----	-----	-----	-----	-----	-----	-----	0.453
39.77	0.000	299.06	0.461	0.453	-----	-----	-----	-----	-----	-----	-----	0.453
39.80	0.000	299.06	0.461	0.453	-----	-----	-----	-----	-----	-----	-----	0.453
39.83	0.000	299.06	0.461	0.453	-----	-----	-----	-----	-----	-----	-----	0.453
39.87	0.000	299.06	0.461	0.453	-----	-----	-----	-----	-----	-----	-----	0.453
39.90	0.000	299.06	0.461	0.453	-----	-----	-----	-----	-----	-----	-----	0.453
39.93	0.000	299.06	0.461	0.453	-----	-----	-----	-----	-----	-----	-----	0.453
39.97	0.000	299.06	0.461	0.453	-----	-----	-----	-----	-----	-----	-----	0.453
40.00	0.000	299.05	0.461	0.453	-----	-----	-----	-----	-----	-----	-----	0.453
40.03	0.000	299.05	0.461	0.453	-----	-----	-----	-----	-----	-----	-----	0.453
40.07	0.000	299.05	0.461	0.452	-----	-----	-----	-----	-----	-----	-----	0.452
40.10	0.000	299.05	0.461	0.452	-----	-----	-----	-----	-----	-----	-----	0.452
40.13	0.000	299.05	0.461	0.452	-----	-----	-----	-----	-----	-----	-----	0.452
40.17	0.000	299.05	0.461	0.452	-----	-----	-----	-----	-----	-----	-----	0.452
40.20	0.000	299.05	0.461	0.452	-----	-----	-----	-----	-----	-----	-----	0.452
40.23	0.000	299.04	0.461	0.452	-----	-----	-----	-----	-----	-----	-----	0.452
40.27	0.000	299.04	0.461	0.452	-----	-----	-----	-----	-----	-----	-----	0.452
40.30	0.000	299.04	0.461	0.452	-----	-----	-----	-----	-----	-----	-----	0.452
40.33	0.000	299.04	0.461	0.452	-----	-----	-----	-----	-----	-----	-----	0.452
40.37	0.000	299.04	0.461	0.452	-----	-----	-----	-----	-----	-----	-----	0.452
40.40	0.000	299.04	0.461	0.452	-----	-----	-----	-----	-----	-----	-----	0.452
40.43	0.000	299.03	0.461	0.451	-----	-----	-----	-----	-----	-----	-----	0.451
40.47	0.000	299.03	0.461	0.451	-----	-----	-----	-----	-----	-----	-----	0.451
40.50	0.000	299.03	0.461	0.451	-----	-----	-----	-----	-----	-----	-----	0.451
40.53	0.000	299.03	0.461	0.451	-----	-----	-----	-----	-----	-----	-----	0.451
40.57	0.000	299.03	0.461	0.451	-----	-----	-----	-----	-----	-----	-----	0.451
40.60	0.000	299.03	0.461	0.451	-----	-----	-----	-----	-----	-----	-----	0.451
40.63	0.000	299.03	0.461	0.451	-----	-----	-----	-----	-----	-----	-----	0.451
40.67	0.000	299.02	0.461	0.451	-----	-----	-----	-----	-----	-----	-----	0.451
40.70	0.000	299.02	0.461	0.451	-----	-----	-----	-----	-----	-----	-----	0.451
40.73	0.000	299.02	0.461	0.451	-----	-----	-----	-----	-----	-----	-----	0.451
40.77	0.000	299.02	0.461	0.451	-----	-----	-----	-----	-----	-----	-----	0.451
40.80	0.000	299.02	0.461	0.450	-----	-----	-----	-----	-----	-----	-----	0.450
40.83	0.000	299.02	0.461	0.450	-----	-----	-----	-----	-----	-----	-----	0.450
40.87	0.000	299.01	0.461	0.450	-----	-----	-----	-----	-----	-----	-----	0.450
40.90	0.000	299.01	0.461	0.450	-----	-----	-----	-----	-----	-----	-----	0.450
40.93	0.000	299.01	0.461	0.450	-----	-----	-----	-----	-----	-----	-----	0.450
40.97	0.000	299.01	0.461	0.450	-----	-----	-----	-----	-----	-----	-----	0.450
41.00	0.000	299.01	0.461	0.450	-----	-----	-----	-----	-----	-----	-----	0.450
41.03	0.000	299.01	0.461	0.450	-----	-----	-----	-----	-----	-----	-----	0.450
41.07	0.000	299.01	0.461	0.450	-----	-----	-----	-----	-----	-----	-----	0.450
41.10	0.000	299.00	0.461	0.450	-----	-----	-----	-----	-----	-----	-----	0.450
41.13	0.000	299.00	0.461	0.449	-----	-----	-----	-----	-----	-----	-----	0.449
41.17	0.000	299.00	0.461	0.449	-----	-----	-----	-----	-----	-----	-----	0.449
41.20	0.000	299.00	0.461	0.449	-----	-----	-----	-----	-----	-----	-----	0.449
41.23	0.000	299.00	0.461	0.449	-----	-----	-----	-----	-----	-----	-----	0.449
41.27	0.000	299.00	0.461	0.449	-----	-----	-----	-----	-----	-----	-----	0.449
41.30	0.000	299.00	0.460	0.449	-----	-----	-----	-----	-----	-----	-----	0.449
41.33	0.000	298.99	0.460	0.449	-----	-----	-----	-----	-----	-----	-----	0.449
41.37	0.000	298.99	0.460	0.449	-----	-----	-----	-----	-----	-----	-----	0.449
41.40	0.000	298.99	0.460	0.449	-----	-----	-----	-----	-----	-----	-----	0.449
41.43	0.000	298.99	0.460	0.449	-----	-----	-----	-----	-----	-----	-----	0.449
41.47	0.000	298.99	0.459	0.449	-----	-----	-----	-----	-----	-----	-----	0.449

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.50	0.000	298.99	0.459	0.448	-----	-----	-----	-----	-----	-----	-----	0.448
41.53	0.000	298.98	0.459	0.448	-----	-----	-----	-----	-----	-----	-----	0.448
41.57	0.000	298.98	0.459	0.448	-----	-----	-----	-----	-----	-----	-----	0.448
41.60	0.000	298.98	0.459	0.448	-----	-----	-----	-----	-----	-----	-----	0.448
41.63	0.000	298.98	0.459	0.448	-----	-----	-----	-----	-----	-----	-----	0.448
41.67	0.000	298.98	0.458	0.448	-----	-----	-----	-----	-----	-----	-----	0.448
41.70	0.000	298.98	0.458	0.448	-----	-----	-----	-----	-----	-----	-----	0.448
41.73	0.000	298.98	0.458	0.448	-----	-----	-----	-----	-----	-----	-----	0.448
41.77	0.000	298.97	0.458	0.448	-----	-----	-----	-----	-----	-----	-----	0.448
41.80	0.000	298.97	0.458	0.448	-----	-----	-----	-----	-----	-----	-----	0.448
41.83	0.000	298.97	0.457	0.447	-----	-----	-----	-----	-----	-----	-----	0.448
41.87	0.000	298.97	0.457	0.447	-----	-----	-----	-----	-----	-----	-----	0.447
41.90	0.000	298.97	0.457	0.447	-----	-----	-----	-----	-----	-----	-----	0.447
41.93	0.000	298.97	0.457	0.447	-----	-----	-----	-----	-----	-----	-----	0.447
41.97	0.000	298.97	0.457	0.447	-----	-----	-----	-----	-----	-----	-----	0.447
42.00	0.000	298.96	0.457	0.447	-----	-----	-----	-----	-----	-----	-----	0.447
42.03	0.000	298.96	0.456	0.447	-----	-----	-----	-----	-----	-----	-----	0.447
42.07	0.000	298.96	0.456	0.447	-----	-----	-----	-----	-----	-----	-----	0.447
42.10	0.000	298.96	0.456	0.447	-----	-----	-----	-----	-----	-----	-----	0.447
42.13	0.000	298.96	0.456	0.447	-----	-----	-----	-----	-----	-----	-----	0.447
42.17	0.000	298.96	0.456	0.447	-----	-----	-----	-----	-----	-----	-----	0.447
42.20	0.000	298.95	0.455	0.446	-----	-----	-----	-----	-----	-----	-----	0.446
42.23	0.000	298.95	0.455	0.446	-----	-----	-----	-----	-----	-----	-----	0.446
42.27	0.000	298.95	0.455	0.446	-----	-----	-----	-----	-----	-----	-----	0.446
42.30	0.000	298.95	0.455	0.446	-----	-----	-----	-----	-----	-----	-----	0.446
42.33	0.000	298.95	0.455	0.446	-----	-----	-----	-----	-----	-----	-----	0.446
42.37	0.000	298.95	0.455	0.446	-----	-----	-----	-----	-----	-----	-----	0.446
42.40	0.000	298.95	0.454	0.446	-----	-----	-----	-----	-----	-----	-----	0.446
42.43	0.000	298.94	0.454	0.446	-----	-----	-----	-----	-----	-----	-----	0.446
42.47	0.000	298.94	0.454	0.446	-----	-----	-----	-----	-----	-----	-----	0.446
42.50	0.000	298.94	0.454	0.446	-----	-----	-----	-----	-----	-----	-----	0.446
42.53	0.000	298.94	0.454	0.446	-----	-----	-----	-----	-----	-----	-----	0.446
42.57	0.000	298.94	0.453	0.445	-----	-----	-----	-----	-----	-----	-----	0.445
42.60	0.000	298.94	0.453	0.445	-----	-----	-----	-----	-----	-----	-----	0.445
42.63	0.000	298.94	0.453	0.445	-----	-----	-----	-----	-----	-----	-----	0.445
42.67	0.000	298.93	0.453	0.445	-----	-----	-----	-----	-----	-----	-----	0.445
42.70	0.000	298.93	0.453	0.445	-----	-----	-----	-----	-----	-----	-----	0.445
42.73	0.000	298.93	0.453	0.445	-----	-----	-----	-----	-----	-----	-----	0.445
42.77	0.000	298.93	0.452	0.445	-----	-----	-----	-----	-----	-----	-----	0.445
42.80	0.000	298.93	0.452	0.445	-----	-----	-----	-----	-----	-----	-----	0.445
42.83	0.000	298.93	0.452	0.445	-----	-----	-----	-----	-----	-----	-----	0.445
42.87	0.000	298.92	0.452	0.445	-----	-----	-----	-----	-----	-----	-----	0.445
42.90	0.000	298.92	0.452	0.444	-----	-----	-----	-----	-----	-----	-----	0.444
42.93	0.000	298.92	0.451	0.444	-----	-----	-----	-----	-----	-----	-----	0.444
42.97	0.000	298.92	0.451	0.444	-----	-----	-----	-----	-----	-----	-----	0.444
43.00	0.000	298.92	0.451	0.444	-----	-----	-----	-----	-----	-----	-----	0.444
43.03	0.000	298.92	0.451	0.444	-----	-----	-----	-----	-----	-----	-----	0.444
43.07	0.000	298.92	0.451	0.444	-----	-----	-----	-----	-----	-----	-----	0.444
43.10	0.000	298.91	0.451	0.444	-----	-----	-----	-----	-----	-----	-----	0.444
43.13	0.000	298.91	0.450	0.444	-----	-----	-----	-----	-----	-----	-----	0.444
43.17	0.000	298.91	0.450	0.444	-----	-----	-----	-----	-----	-----	-----	0.444
43.20	0.000	298.91	0.450	0.444	-----	-----	-----	-----	-----	-----	-----	0.444
43.23	0.000	298.91	0.450	0.444	-----	-----	-----	-----	-----	-----	-----	0.444
43.27	0.000	298.91	0.450	0.443	-----	-----	-----	-----	-----	-----	-----	0.443
43.30	0.000	298.91	0.449	0.443	-----	-----	-----	-----	-----	-----	-----	0.443
43.33	0.000	298.90	0.449	0.443	-----	-----	-----	-----	-----	-----	-----	0.443

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
43.37	0.000	298.90	0.449	0.443	-----	-----	-----	-----	-----	-----	-----	0.443
43.40	0.000	298.90	0.449	0.443	-----	-----	-----	-----	-----	-----	-----	0.443
43.43	0.000	298.90	0.449	0.443	-----	-----	-----	-----	-----	-----	-----	0.443
43.47	0.000	298.90	0.449	0.443	-----	-----	-----	-----	-----	-----	-----	0.443
43.50	0.000	298.90	0.448	0.443	-----	-----	-----	-----	-----	-----	-----	0.443
43.53	0.000	298.89	0.448	0.443	-----	-----	-----	-----	-----	-----	-----	0.443
43.57	0.000	298.89	0.448	0.443	-----	-----	-----	-----	-----	-----	-----	0.443
43.60	0.000	298.89	0.448	0.443	-----	-----	-----	-----	-----	-----	-----	0.443
43.63	0.000	298.89	0.448	0.442	-----	-----	-----	-----	-----	-----	-----	0.442
43.67	0.000	298.89	0.447	0.442	-----	-----	-----	-----	-----	-----	-----	0.442
43.70	0.000	298.89	0.447	0.442	-----	-----	-----	-----	-----	-----	-----	0.442
43.73	0.000	298.89	0.447	0.442	-----	-----	-----	-----	-----	-----	-----	0.442
43.77	0.000	298.88	0.447	0.442	-----	-----	-----	-----	-----	-----	-----	0.442
43.80	0.000	298.88	0.447	0.442	-----	-----	-----	-----	-----	-----	-----	0.442
43.83	0.000	298.88	0.447	0.442	-----	-----	-----	-----	-----	-----	-----	0.442
43.87	0.000	298.88	0.446	0.442	-----	-----	-----	-----	-----	-----	-----	0.442
43.90	0.000	298.88	0.446	0.442	-----	-----	-----	-----	-----	-----	-----	0.442
43.93	0.000	298.88	0.446	0.442	-----	-----	-----	-----	-----	-----	-----	0.442
43.97	0.000	298.88	0.446	0.441	-----	-----	-----	-----	-----	-----	-----	0.441
44.00	0.000	298.87	0.446	0.441	-----	-----	-----	-----	-----	-----	-----	0.441
44.03	0.000	298.87	0.446	0.441	-----	-----	-----	-----	-----	-----	-----	0.441
44.07	0.000	298.87	0.445	0.441	-----	-----	-----	-----	-----	-----	-----	0.441
44.10	0.000	298.87	0.445	0.441	-----	-----	-----	-----	-----	-----	-----	0.441
44.13	0.000	298.87	0.445	0.441	-----	-----	-----	-----	-----	-----	-----	0.441
44.17	0.000	298.87	0.445	0.441	-----	-----	-----	-----	-----	-----	-----	0.441
44.20	0.000	298.86	0.445	0.441	-----	-----	-----	-----	-----	-----	-----	0.441
44.23	0.000	298.86	0.444	0.441	-----	-----	-----	-----	-----	-----	-----	0.441
44.27	0.000	298.86	0.444	0.441	-----	-----	-----	-----	-----	-----	-----	0.441
44.30	0.000	298.86	0.444	0.441	-----	-----	-----	-----	-----	-----	-----	0.441
44.33	0.000	298.86	0.444	0.440	-----	-----	-----	-----	-----	-----	-----	0.440
44.37	0.000	298.86	0.444	0.440	-----	-----	-----	-----	-----	-----	-----	0.440
44.40	0.000	298.86	0.444	0.440	-----	-----	-----	-----	-----	-----	-----	0.440
44.43	0.000	298.85	0.443	0.440	-----	-----	-----	-----	-----	-----	-----	0.440
44.47	0.000	298.85	0.443	0.440	-----	-----	-----	-----	-----	-----	-----	0.440
44.50	0.000	298.85	0.443	0.440	-----	-----	-----	-----	-----	-----	-----	0.440
44.53	0.000	298.85	0.443	0.440	-----	-----	-----	-----	-----	-----	-----	0.440
44.57	0.000	298.85	0.443	0.440	-----	-----	-----	-----	-----	-----	-----	0.440
44.60	0.000	298.85	0.442	0.440	-----	-----	-----	-----	-----	-----	-----	0.440
44.63	0.000	298.85	0.442	0.440	-----	-----	-----	-----	-----	-----	-----	0.440
44.67	0.000	298.84	0.442	0.440	-----	-----	-----	-----	-----	-----	-----	0.440
44.70	0.000	298.84	0.442	0.439	-----	-----	-----	-----	-----	-----	-----	0.439
44.73	0.000	298.84	0.442	0.439	-----	-----	-----	-----	-----	-----	-----	0.439
44.77	0.000	298.84	0.442	0.439	-----	-----	-----	-----	-----	-----	-----	0.439
44.80	0.000	298.84	0.441	0.439	-----	-----	-----	-----	-----	-----	-----	0.439
44.83	0.000	298.84	0.441	0.439	-----	-----	-----	-----	-----	-----	-----	0.439
44.87	0.000	298.84	0.441	0.439	-----	-----	-----	-----	-----	-----	-----	0.439
44.90	0.000	298.83	0.441	0.439	-----	-----	-----	-----	-----	-----	-----	0.439
44.93	0.000	298.83	0.441	0.439	-----	-----	-----	-----	-----	-----	-----	0.439
44.97	0.000	298.83	0.441	0.439	-----	-----	-----	-----	-----	-----	-----	0.439
45.00	0.000	298.83	0.440	0.439	-----	-----	-----	-----	-----	-----	-----	0.439
45.03	0.000	298.83	0.440	0.438	-----	-----	-----	-----	-----	-----	-----	0.438
45.07	0.000	298.83	0.440	0.438	-----	-----	-----	-----	-----	-----	-----	0.438
45.10	0.000	298.83	0.440	0.438	-----	-----	-----	-----	-----	-----	-----	0.438
45.13	0.000	298.82	0.440	0.438	-----	-----	-----	-----	-----	-----	-----	0.438
45.17	0.000	298.82	0.439	0.438	-----	-----	-----	-----	-----	-----	-----	0.438
45.20	0.000	298.82	0.439	0.438	-----	-----	-----	-----	-----	-----	-----	0.438

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
45.23	0.000	298.82	0.439	0.438	-----	-----	-----	-----	-----	-----	-----	0.438
45.27	0.000	298.82	0.439	0.438	-----	-----	-----	-----	-----	-----	-----	0.438
45.30	0.000	298.82	0.439	0.438	-----	-----	-----	-----	-----	-----	-----	0.438
45.33	0.000	298.81	0.439	0.438	-----	-----	-----	-----	-----	-----	-----	0.438
45.37	0.000	298.81	0.438	0.438	-----	-----	-----	-----	-----	-----	-----	0.438
45.40	0.000	298.81	0.438	0.437	-----	-----	-----	-----	-----	-----	-----	0.437
45.43	0.000	298.81	0.438	0.437	-----	-----	-----	-----	-----	-----	-----	0.437
45.47	0.000	298.81	0.438	0.437	-----	-----	-----	-----	-----	-----	-----	0.437
45.50	0.000	298.81	0.438	0.437	-----	-----	-----	-----	-----	-----	-----	0.437
45.53	0.000	298.81	0.437	0.437	-----	-----	-----	-----	-----	-----	-----	0.437
45.57	0.000	298.80	0.437	0.437	-----	-----	-----	-----	-----	-----	-----	0.437
45.60	0.000	298.80	0.437	0.437	-----	-----	-----	-----	-----	-----	-----	0.437
45.63	0.000	298.80	0.437	0.437	-----	-----	-----	-----	-----	-----	-----	0.437
45.67	0.000	298.80	0.437	0.437	-----	-----	-----	-----	-----	-----	-----	0.437
45.70	0.000	298.80	0.437	0.437	-----	-----	-----	-----	-----	-----	-----	0.437
45.73	0.000	298.80	0.437	0.437	-----	-----	-----	-----	-----	-----	-----	0.437
45.77	0.000	298.80	0.437	0.436	-----	-----	-----	-----	-----	-----	-----	0.436
45.80	0.000	298.79	0.437	0.436	-----	-----	-----	-----	-----	-----	-----	0.436
45.83	0.000	298.79	0.437	0.436	-----	-----	-----	-----	-----	-----	-----	0.436
45.87	0.000	298.79	0.437	0.436	-----	-----	-----	-----	-----	-----	-----	0.436
45.90	0.000	298.79	0.437	0.436	-----	-----	-----	-----	-----	-----	-----	0.436
45.93	0.000	298.79	0.437	0.436	-----	-----	-----	-----	-----	-----	-----	0.436
45.97	0.000	298.79	0.437	0.436	-----	-----	-----	-----	-----	-----	-----	0.436
46.00	0.000	298.79	0.437	0.436	-----	-----	-----	-----	-----	-----	-----	0.436
46.03	0.000	298.78	0.437	0.436	-----	-----	-----	-----	-----	-----	-----	0.436
46.07	0.000	298.78	0.436	0.436	-----	-----	-----	-----	-----	-----	-----	0.436
46.10	0.000	298.78	0.436	0.435	-----	-----	-----	-----	-----	-----	-----	0.435
46.13	0.000	298.78	0.436	0.435	-----	-----	-----	-----	-----	-----	-----	0.435
46.17	0.000	298.78	0.436	0.435	-----	-----	-----	-----	-----	-----	-----	0.435
46.20	0.000	298.78	0.436	0.435	-----	-----	-----	-----	-----	-----	-----	0.435
46.23	0.000	298.78	0.436	0.435	-----	-----	-----	-----	-----	-----	-----	0.435
46.27	0.000	298.77	0.436	0.435	-----	-----	-----	-----	-----	-----	-----	0.435
46.30	0.000	298.77	0.436	0.435	-----	-----	-----	-----	-----	-----	-----	0.435
46.33	0.000	298.77	0.436	0.435	-----	-----	-----	-----	-----	-----	-----	0.435
46.37	0.000	298.77	0.436	0.435	-----	-----	-----	-----	-----	-----	-----	0.435
46.40	0.000	298.77	0.436	0.435	-----	-----	-----	-----	-----	-----	-----	0.435
46.43	0.000	298.77	0.436	0.435	-----	-----	-----	-----	-----	-----	-----	0.435
46.47	0.000	298.76	0.436	0.434	-----	-----	-----	-----	-----	-----	-----	0.434
46.50	0.000	298.76	0.436	0.434	-----	-----	-----	-----	-----	-----	-----	0.434
46.53	0.000	298.76	0.436	0.434	-----	-----	-----	-----	-----	-----	-----	0.434
46.57	0.000	298.76	0.436	0.434	-----	-----	-----	-----	-----	-----	-----	0.434
46.60	0.000	298.76	0.436	0.434	-----	-----	-----	-----	-----	-----	-----	0.434
46.63	0.000	298.76	0.436	0.434	-----	-----	-----	-----	-----	-----	-----	0.434
46.67	0.000	298.76	0.436	0.434	-----	-----	-----	-----	-----	-----	-----	0.434
46.70	0.000	298.75	0.436	0.434	-----	-----	-----	-----	-----	-----	-----	0.434
46.73	0.000	298.75	0.436	0.434	-----	-----	-----	-----	-----	-----	-----	0.434
46.77	0.000	298.75	0.436	0.434	-----	-----	-----	-----	-----	-----	-----	0.434
46.80	0.000	298.75	0.436	0.433	-----	-----	-----	-----	-----	-----	-----	0.433
46.83	0.000	298.75	0.436	0.433	-----	-----	-----	-----	-----	-----	-----	0.433
46.87	0.000	298.75	0.436	0.433	-----	-----	-----	-----	-----	-----	-----	0.433
46.90	0.000	298.75	0.436	0.433	-----	-----	-----	-----	-----	-----	-----	0.433
46.93	0.000	298.74	0.436	0.433	-----	-----	-----	-----	-----	-----	-----	0.433
46.97	0.000	298.74	0.436	0.433	-----	-----	-----	-----	-----	-----	-----	0.433
47.00	0.000	298.74	0.436	0.433	-----	-----	-----	-----	-----	-----	-----	0.433
47.03	0.000	298.74	0.436	0.433	-----	-----	-----	-----	-----	-----	-----	0.433
47.07	0.000	298.74	0.436	0.433	-----	-----	-----	-----	-----	-----	-----	0.433

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
47.10	0.000	298.74	0.436	0.433	-----	-----	-----	-----	-----	-----	-----	0.433
47.13	0.000	298.74	0.436	0.433	-----	-----	-----	-----	-----	-----	-----	0.433
47.17	0.000	298.73	0.436	0.432	-----	-----	-----	-----	-----	-----	-----	0.432
47.20	0.000	298.73	0.436	0.432	-----	-----	-----	-----	-----	-----	-----	0.432
47.23	0.000	298.73	0.436	0.432	-----	-----	-----	-----	-----	-----	-----	0.432
47.27	0.000	298.73	0.436	0.432	-----	-----	-----	-----	-----	-----	-----	0.432
47.30	0.000	298.73	0.436	0.432	-----	-----	-----	-----	-----	-----	-----	0.432
47.33	0.000	298.73	0.436	0.432	-----	-----	-----	-----	-----	-----	-----	0.432
47.37	0.000	298.73	0.436	0.432	-----	-----	-----	-----	-----	-----	-----	0.432
47.40	0.000	298.72	0.435	0.432	-----	-----	-----	-----	-----	-----	-----	0.432
47.43	0.000	298.72	0.435	0.432	-----	-----	-----	-----	-----	-----	-----	0.432
47.47	0.000	298.72	0.435	0.432	-----	-----	-----	-----	-----	-----	-----	0.432
47.50	0.000	298.72	0.435	0.432	-----	-----	-----	-----	-----	-----	-----	0.432
47.53	0.000	298.72	0.435	0.431	-----	-----	-----	-----	-----	-----	-----	0.431
47.57	0.000	298.72	0.435	0.431	-----	-----	-----	-----	-----	-----	-----	0.431
47.60	0.000	298.72	0.435	0.431	-----	-----	-----	-----	-----	-----	-----	0.431
47.63	0.000	298.71	0.435	0.431	-----	-----	-----	-----	-----	-----	-----	0.431
47.67	0.000	298.71	0.435	0.431	-----	-----	-----	-----	-----	-----	-----	0.431
47.70	0.000	298.71	0.435	0.431	-----	-----	-----	-----	-----	-----	-----	0.431
47.73	0.000	298.71	0.435	0.431	-----	-----	-----	-----	-----	-----	-----	0.431
47.77	0.000	298.71	0.435	0.431	-----	-----	-----	-----	-----	-----	-----	0.431
47.80	0.000	298.71	0.435	0.431	-----	-----	-----	-----	-----	-----	-----	0.431
47.83	0.000	298.71	0.435	0.431	-----	-----	-----	-----	-----	-----	-----	0.431
47.87	0.000	298.70	0.435	0.430	-----	-----	-----	-----	-----	-----	-----	0.430
47.90	0.000	298.70	0.435	0.430	-----	-----	-----	-----	-----	-----	-----	0.430
47.93	0.000	298.70	0.435	0.430	-----	-----	-----	-----	-----	-----	-----	0.430
47.97	0.000	298.70	0.435	0.430	-----	-----	-----	-----	-----	-----	-----	0.430
48.00	0.000	298.70	0.435	0.430	-----	-----	-----	-----	-----	-----	-----	0.430
48.03	0.000	298.70	0.435	0.430	-----	-----	-----	-----	-----	-----	-----	0.430
48.07	0.000	298.70	0.435	0.430	-----	-----	-----	-----	-----	-----	-----	0.430
48.10	0.000	298.69	0.435	0.430	-----	-----	-----	-----	-----	-----	-----	0.430
48.13	0.000	298.69	0.435	0.430	-----	-----	-----	-----	-----	-----	-----	0.430
48.17	0.000	298.69	0.435	0.430	-----	-----	-----	-----	-----	-----	-----	0.430
48.20	0.000	298.69	0.435	0.430	-----	-----	-----	-----	-----	-----	-----	0.430
48.23	0.000	298.69	0.435	0.429	-----	-----	-----	-----	-----	-----	-----	0.429
48.27	0.000	298.69	0.435	0.429	-----	-----	-----	-----	-----	-----	-----	0.429
48.30	0.000	298.68	0.435	0.429	-----	-----	-----	-----	-----	-----	-----	0.429
48.33	0.000	298.68	0.435	0.429	-----	-----	-----	-----	-----	-----	-----	0.429
48.37	0.000	298.68	0.435	0.429	-----	-----	-----	-----	-----	-----	-----	0.429
48.40	0.000	298.68	0.435	0.429	-----	-----	-----	-----	-----	-----	-----	0.429
48.43	0.000	298.68	0.435	0.429	-----	-----	-----	-----	-----	-----	-----	0.429
48.47	0.000	298.68	0.435	0.429	-----	-----	-----	-----	-----	-----	-----	0.429
48.50	0.000	298.68	0.435	0.429	-----	-----	-----	-----	-----	-----	-----	0.429
48.53	0.000	298.67	0.435	0.429	-----	-----	-----	-----	-----	-----	-----	0.429
48.57	0.000	298.67	0.435	0.429	-----	-----	-----	-----	-----	-----	-----	0.429
48.60	0.000	298.67	0.435	0.428	-----	-----	-----	-----	-----	-----	-----	0.428
48.63	0.000	298.67	0.435	0.428	-----	-----	-----	-----	-----	-----	-----	0.428
48.67	0.000	298.67	0.435	0.428	-----	-----	-----	-----	-----	-----	-----	0.428
48.70	0.000	298.67	0.435	0.428	-----	-----	-----	-----	-----	-----	-----	0.428
48.73	0.000	298.67	0.434	0.428	-----	-----	-----	-----	-----	-----	-----	0.428
48.77	0.000	298.66	0.434	0.428	-----	-----	-----	-----	-----	-----	-----	0.428
48.80	0.000	298.66	0.434	0.428	-----	-----	-----	-----	-----	-----	-----	0.428
48.83	0.000	298.66	0.434	0.428	-----	-----	-----	-----	-----	-----	-----	0.428
48.87	0.000	298.66	0.434	0.428	-----	-----	-----	-----	-----	-----	-----	0.428
48.90	0.000	298.66	0.434	0.428	-----	-----	-----	-----	-----	-----	-----	0.428
48.93	0.000	298.66	0.434	0.427	-----	-----	-----	-----	-----	-----	-----	0.427

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
48.97	0.000	298.66	0.434	0.427	-----	-----	-----	-----	-----	-----	-----	0.427
49.00	0.000	298.65	0.434	0.427	-----	-----	-----	-----	-----	-----	-----	0.427
49.03	0.000	298.65	0.434	0.427	-----	-----	-----	-----	-----	-----	-----	0.427
49.07	0.000	298.65	0.434	0.427	-----	-----	-----	-----	-----	-----	-----	0.427
49.10	0.000	298.65	0.434	0.427	-----	-----	-----	-----	-----	-----	-----	0.427
49.13	0.000	298.65	0.434	0.427	-----	-----	-----	-----	-----	-----	-----	0.427
49.17	0.000	298.65	0.434	0.427	-----	-----	-----	-----	-----	-----	-----	0.427
49.20	0.000	298.65	0.434	0.427	-----	-----	-----	-----	-----	-----	-----	0.427
49.23	0.000	298.64	0.434	0.427	-----	-----	-----	-----	-----	-----	-----	0.427
49.27	0.000	298.64	0.434	0.427	-----	-----	-----	-----	-----	-----	-----	0.427
49.30	0.000	298.64	0.434	0.426	-----	-----	-----	-----	-----	-----	-----	0.426
49.33	0.000	298.64	0.434	0.426	-----	-----	-----	-----	-----	-----	-----	0.426
49.37	0.000	298.64	0.434	0.426	-----	-----	-----	-----	-----	-----	-----	0.426
49.40	0.000	298.64	0.434	0.426	-----	-----	-----	-----	-----	-----	-----	0.426
49.43	0.000	298.64	0.434	0.426	-----	-----	-----	-----	-----	-----	-----	0.426
49.47	0.000	298.63	0.434	0.426	-----	-----	-----	-----	-----	-----	-----	0.426
49.50	0.000	298.63	0.434	0.426	-----	-----	-----	-----	-----	-----	-----	0.426
49.53	0.000	298.63	0.434	0.426	-----	-----	-----	-----	-----	-----	-----	0.426
49.57	0.000	298.63	0.434	0.426	-----	-----	-----	-----	-----	-----	-----	0.426
49.60	0.000	298.63	0.434	0.426	-----	-----	-----	-----	-----	-----	-----	0.426
49.63	0.000	298.63	0.434	0.426	-----	-----	-----	-----	-----	-----	-----	0.426
49.67	0.000	298.63	0.434	0.425	-----	-----	-----	-----	-----	-----	-----	0.425
49.70	0.000	298.62	0.434	0.425	-----	-----	-----	-----	-----	-----	-----	0.425
49.73	0.000	298.62	0.434	0.425	-----	-----	-----	-----	-----	-----	-----	0.425
49.77	0.000	298.62	0.434	0.425	-----	-----	-----	-----	-----	-----	-----	0.425
49.80	0.000	298.62	0.434	0.425	-----	-----	-----	-----	-----	-----	-----	0.425
49.83	0.000	298.62	0.434	0.425	-----	-----	-----	-----	-----	-----	-----	0.425
49.87	0.000	298.62	0.434	0.425	-----	-----	-----	-----	-----	-----	-----	0.425
49.90	0.000	298.62	0.434	0.425	-----	-----	-----	-----	-----	-----	-----	0.425
49.93	0.000	298.61	0.434	0.425	-----	-----	-----	-----	-----	-----	-----	0.425
49.97	0.000	298.61	0.434	0.425	-----	-----	-----	-----	-----	-----	-----	0.425
50.00	0.000	298.61	0.434	0.425	-----	-----	-----	-----	-----	-----	-----	0.425
50.03	0.000	298.61	0.434	0.424	-----	-----	-----	-----	-----	-----	-----	0.424
50.07	0.000	298.61	0.433	0.424	-----	-----	-----	-----	-----	-----	-----	0.424
50.10	0.000	298.61	0.433	0.424	-----	-----	-----	-----	-----	-----	-----	0.424
50.13	0.000	298.61	0.433	0.424	-----	-----	-----	-----	-----	-----	-----	0.424
50.17	0.000	298.60	0.433	0.424	-----	-----	-----	-----	-----	-----	-----	0.424
50.20	0.000	298.60	0.433	0.424	-----	-----	-----	-----	-----	-----	-----	0.424
50.23	0.000	298.60	0.433	0.424	-----	-----	-----	-----	-----	-----	-----	0.424
50.27	0.000	298.60	0.433	0.424	-----	-----	-----	-----	-----	-----	-----	0.424
50.30	0.000	298.60	0.433	0.424	-----	-----	-----	-----	-----	-----	-----	0.424
50.33	0.000	298.60	0.433	0.424	-----	-----	-----	-----	-----	-----	-----	0.424
50.37	0.000	298.60	0.433	0.423	-----	-----	-----	-----	-----	-----	-----	0.423
50.40	0.000	298.59	0.433	0.423	-----	-----	-----	-----	-----	-----	-----	0.423
50.43	0.000	298.59	0.433	0.423	-----	-----	-----	-----	-----	-----	-----	0.423
50.47	0.000	298.59	0.432	0.423	-----	-----	-----	-----	-----	-----	-----	0.423
50.50	0.000	298.59	0.432	0.423	-----	-----	-----	-----	-----	-----	-----	0.423
50.53	0.000	298.59	0.432	0.423	-----	-----	-----	-----	-----	-----	-----	0.423
50.57	0.000	298.59	0.432	0.423	-----	-----	-----	-----	-----	-----	-----	0.423
50.60	0.000	298.59	0.432	0.423	-----	-----	-----	-----	-----	-----	-----	0.423
50.63	0.000	298.58	0.432	0.423	-----	-----	-----	-----	-----	-----	-----	0.423
50.67	0.000	298.58	0.431	0.423	-----	-----	-----	-----	-----	-----	-----	0.423
50.70	0.000	298.58	0.431	0.423	-----	-----	-----	-----	-----	-----	-----	0.423
50.73	0.000	298.58	0.431	0.422	-----	-----	-----	-----	-----	-----	-----	0.422
50.77	0.000	298.58	0.431	0.422	-----	-----	-----	-----	-----	-----	-----	0.422
50.80	0.000	298.58	0.431	0.422	-----	-----	-----	-----	-----	-----	-----	0.422

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
50.83	0.000	298.58	0.431	0.422	-----	-----	-----	-----	-----	-----	-----	0.422
50.87	0.000	298.57	0.430	0.422	-----	-----	-----	-----	-----	-----	-----	0.422
50.90	0.000	298.57	0.430	0.422	-----	-----	-----	-----	-----	-----	-----	0.422
50.93	0.000	298.57	0.430	0.422	-----	-----	-----	-----	-----	-----	-----	0.422
50.97	0.000	298.57	0.430	0.422	-----	-----	-----	-----	-----	-----	-----	0.422
51.00	0.000	298.57	0.430	0.422	-----	-----	-----	-----	-----	-----	-----	0.422
51.03	0.000	298.57	0.430	0.422	-----	-----	-----	-----	-----	-----	-----	0.422
51.07	0.000	298.57	0.429	0.421	-----	-----	-----	-----	-----	-----	-----	0.421
51.10	0.000	298.56	0.429	0.421	-----	-----	-----	-----	-----	-----	-----	0.421
51.13	0.000	298.56	0.429	0.421	-----	-----	-----	-----	-----	-----	-----	0.421
51.17	0.000	298.56	0.429	0.421	-----	-----	-----	-----	-----	-----	-----	0.421
51.20	0.000	298.56	0.429	0.421	-----	-----	-----	-----	-----	-----	-----	0.421
51.23	0.000	298.56	0.429	0.421	-----	-----	-----	-----	-----	-----	-----	0.421
51.27	0.000	298.56	0.428	0.421	-----	-----	-----	-----	-----	-----	-----	0.421
51.30	0.000	298.56	0.428	0.421	-----	-----	-----	-----	-----	-----	-----	0.421
51.33	0.000	298.55	0.428	0.421	-----	-----	-----	-----	-----	-----	-----	0.421
51.37	0.000	298.55	0.428	0.421	-----	-----	-----	-----	-----	-----	-----	0.421
51.40	0.000	298.55	0.428	0.421	-----	-----	-----	-----	-----	-----	-----	0.421
51.43	0.000	298.55	0.428	0.420	-----	-----	-----	-----	-----	-----	-----	0.420
51.47	0.000	298.55	0.428	0.420	-----	-----	-----	-----	-----	-----	-----	0.420
51.50	0.000	298.55	0.427	0.420	-----	-----	-----	-----	-----	-----	-----	0.420
51.53	0.000	298.55	0.427	0.420	-----	-----	-----	-----	-----	-----	-----	0.420
51.57	0.000	298.55	0.427	0.420	-----	-----	-----	-----	-----	-----	-----	0.420
51.60	0.000	298.54	0.427	0.420	-----	-----	-----	-----	-----	-----	-----	0.420
51.63	0.000	298.54	0.427	0.420	-----	-----	-----	-----	-----	-----	-----	0.420
51.67	0.000	298.54	0.427	0.420	-----	-----	-----	-----	-----	-----	-----	0.420
51.70	0.000	298.54	0.426	0.420	-----	-----	-----	-----	-----	-----	-----	0.420
51.73	0.000	298.54	0.426	0.420	-----	-----	-----	-----	-----	-----	-----	0.420
51.77	0.000	298.54	0.426	0.419	-----	-----	-----	-----	-----	-----	-----	0.419
51.80	0.000	298.54	0.426	0.419	-----	-----	-----	-----	-----	-----	-----	0.419
51.83	0.000	298.53	0.426	0.419	-----	-----	-----	-----	-----	-----	-----	0.419
51.87	0.000	298.53	0.426	0.419	-----	-----	-----	-----	-----	-----	-----	0.419
51.90	0.000	298.53	0.425	0.419	-----	-----	-----	-----	-----	-----	-----	0.419
51.93	0.000	298.53	0.425	0.419	-----	-----	-----	-----	-----	-----	-----	0.419
51.97	0.000	298.53	0.425	0.419	-----	-----	-----	-----	-----	-----	-----	0.419
52.00	0.000	298.53	0.425	0.419	-----	-----	-----	-----	-----	-----	-----	0.419
52.03	0.000	298.53	0.425	0.419	-----	-----	-----	-----	-----	-----	-----	0.419
52.07	0.000	298.52	0.425	0.419	-----	-----	-----	-----	-----	-----	-----	0.419
52.10	0.000	298.52	0.424	0.419	-----	-----	-----	-----	-----	-----	-----	0.419
52.13	0.000	298.52	0.424	0.418	-----	-----	-----	-----	-----	-----	-----	0.418
52.17	0.000	298.52	0.424	0.418	-----	-----	-----	-----	-----	-----	-----	0.418
52.20	0.000	298.52	0.424	0.418	-----	-----	-----	-----	-----	-----	-----	0.418
52.23	0.000	298.52	0.424	0.418	-----	-----	-----	-----	-----	-----	-----	0.418
52.27	0.000	298.52	0.424	0.418	-----	-----	-----	-----	-----	-----	-----	0.418
52.30	0.000	298.51	0.423	0.418	-----	-----	-----	-----	-----	-----	-----	0.418
52.33	0.000	298.51	0.423	0.418	-----	-----	-----	-----	-----	-----	-----	0.418
52.37	0.000	298.51	0.423	0.418	-----	-----	-----	-----	-----	-----	-----	0.418
52.40	0.000	298.51	0.423	0.418	-----	-----	-----	-----	-----	-----	-----	0.418
52.43	0.000	298.51	0.423	0.418	-----	-----	-----	-----	-----	-----	-----	0.418
52.47	0.000	298.51	0.423	0.418	-----	-----	-----	-----	-----	-----	-----	0.418
52.50	0.000	298.51	0.423	0.417	-----	-----	-----	-----	-----	-----	-----	0.417
52.53	0.000	298.50	0.422	0.417	-----	-----	-----	-----	-----	-----	-----	0.417
52.57	0.000	298.50	0.422	0.417	-----	-----	-----	-----	-----	-----	-----	0.417
52.60	0.000	298.50	0.422	0.417	-----	-----	-----	-----	-----	-----	-----	0.417
52.63	0.000	298.50	0.422	0.417	-----	-----	-----	-----	-----	-----	-----	0.417
52.67	0.000	298.50	0.422	0.417	-----	-----	-----	-----	-----	-----	-----	0.417

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
52.70	0.000	298.50	0.422	0.417	-----	-----	-----	-----	-----	-----	-----	0.417
52.73	0.000	298.50	0.421	0.417	-----	-----	-----	-----	-----	-----	-----	0.417
52.77	0.000	298.49	0.421	0.417	-----	-----	-----	-----	-----	-----	-----	0.417
52.80	0.000	298.49	0.421	0.417	-----	-----	-----	-----	-----	-----	-----	0.417
52.83	0.000	298.49	0.421	0.416	-----	-----	-----	-----	-----	-----	-----	0.416
52.87	0.000	298.49	0.421	0.416	-----	-----	-----	-----	-----	-----	-----	0.416
52.90	0.000	298.49	0.421	0.416	-----	-----	-----	-----	-----	-----	-----	0.416
52.93	0.000	298.49	0.420	0.416	-----	-----	-----	-----	-----	-----	-----	0.416
52.97	0.000	298.49	0.420	0.416	-----	-----	-----	-----	-----	-----	-----	0.416
53.00	0.000	298.48	0.420	0.416	-----	-----	-----	-----	-----	-----	-----	0.416
53.03	0.000	298.48	0.420	0.416	-----	-----	-----	-----	-----	-----	-----	0.416
53.07	0.000	298.48	0.420	0.416	-----	-----	-----	-----	-----	-----	-----	0.416
53.10	0.000	298.48	0.420	0.416	-----	-----	-----	-----	-----	-----	-----	0.416
53.13	0.000	298.48	0.419	0.416	-----	-----	-----	-----	-----	-----	-----	0.416
53.17	0.000	298.48	0.419	0.416	-----	-----	-----	-----	-----	-----	-----	0.416
53.20	0.000	298.48	0.419	0.415	-----	-----	-----	-----	-----	-----	-----	0.415
53.23	0.000	298.47	0.419	0.415	-----	-----	-----	-----	-----	-----	-----	0.415
53.27	0.000	298.47	0.419	0.415	-----	-----	-----	-----	-----	-----	-----	0.415
53.30	0.000	298.47	0.419	0.415	-----	-----	-----	-----	-----	-----	-----	0.415
53.33	0.000	298.47	0.419	0.415	-----	-----	-----	-----	-----	-----	-----	0.415
53.37	0.000	298.47	0.418	0.415	-----	-----	-----	-----	-----	-----	-----	0.415
53.40	0.000	298.47	0.418	0.415	-----	-----	-----	-----	-----	-----	-----	0.415
53.43	0.000	298.47	0.418	0.415	-----	-----	-----	-----	-----	-----	-----	0.415
53.47	0.000	298.47	0.418	0.415	-----	-----	-----	-----	-----	-----	-----	0.415
53.50	0.000	298.46	0.418	0.415	-----	-----	-----	-----	-----	-----	-----	0.415
53.53	0.000	298.46	0.418	0.415	-----	-----	-----	-----	-----	-----	-----	0.415
53.57	0.000	298.46	0.417	0.414	-----	-----	-----	-----	-----	-----	-----	0.414
53.60	0.000	298.46	0.417	0.414	-----	-----	-----	-----	-----	-----	-----	0.414
53.63	0.000	298.46	0.417	0.414	-----	-----	-----	-----	-----	-----	-----	0.414
53.67	0.000	298.46	0.417	0.414	-----	-----	-----	-----	-----	-----	-----	0.414
53.70	0.000	298.46	0.417	0.414	-----	-----	-----	-----	-----	-----	-----	0.414
53.73	0.000	298.45	0.417	0.414	-----	-----	-----	-----	-----	-----	-----	0.414
53.77	0.000	298.45	0.416	0.414	-----	-----	-----	-----	-----	-----	-----	0.414
53.80	0.000	298.45	0.416	0.414	-----	-----	-----	-----	-----	-----	-----	0.414
53.83	0.000	298.45	0.416	0.414	-----	-----	-----	-----	-----	-----	-----	0.414
53.87	0.000	298.45	0.416	0.414	-----	-----	-----	-----	-----	-----	-----	0.414
53.90	0.000	298.45	0.416	0.413	-----	-----	-----	-----	-----	-----	-----	0.413
53.93	0.000	298.45	0.416	0.413	-----	-----	-----	-----	-----	-----	-----	0.413
53.97	0.000	298.44	0.415	0.413	-----	-----	-----	-----	-----	-----	-----	0.413
54.00	0.000	298.44	0.415	0.413	-----	-----	-----	-----	-----	-----	-----	0.413
54.03	0.000	298.44	0.415	0.413	-----	-----	-----	-----	-----	-----	-----	0.413
54.07	0.000	298.44	0.415	0.413	-----	-----	-----	-----	-----	-----	-----	0.413
54.10	0.000	298.44	0.415	0.413	-----	-----	-----	-----	-----	-----	-----	0.413
54.13	0.000	298.44	0.415	0.413	-----	-----	-----	-----	-----	-----	-----	0.413
54.17	0.000	298.44	0.415	0.413	-----	-----	-----	-----	-----	-----	-----	0.413
54.20	0.000	298.43	0.414	0.413	-----	-----	-----	-----	-----	-----	-----	0.413
54.23	0.000	298.43	0.414	0.413	-----	-----	-----	-----	-----	-----	-----	0.413
54.27	0.000	298.43	0.414	0.412	-----	-----	-----	-----	-----	-----	-----	0.412
54.30	0.000	298.43	0.414	0.412	-----	-----	-----	-----	-----	-----	-----	0.412
54.33	0.000	298.43	0.414	0.412	-----	-----	-----	-----	-----	-----	-----	0.412
54.37	0.000	298.43	0.414	0.412	-----	-----	-----	-----	-----	-----	-----	0.412
54.40	0.000	298.43	0.413	0.412	-----	-----	-----	-----	-----	-----	-----	0.412
54.43	0.000	298.42	0.413	0.412	-----	-----	-----	-----	-----	-----	-----	0.412
54.47	0.000	298.42	0.413	0.412	-----	-----	-----	-----	-----	-----	-----	0.412
54.50	0.000	298.42	0.413	0.412	-----	-----	-----	-----	-----	-----	-----	0.412
54.53	0.000	298.42	0.413	0.412	-----	-----	-----	-----	-----	-----	-----	0.412

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
54.57	0.000	298.42	0.413	0.412	-----	-----	-----	-----	-----	-----	-----	0.412
54.60	0.000	298.42	0.412	0.412	-----	-----	-----	-----	-----	-----	-----	0.412
54.63	0.000	298.42	0.412	0.411	-----	-----	-----	-----	-----	-----	-----	0.411
54.67	0.000	298.41	0.412	0.411	-----	-----	-----	-----	-----	-----	-----	0.411
54.70	0.000	298.41	0.412	0.411	-----	-----	-----	-----	-----	-----	-----	0.411
54.73	0.000	298.41	0.412	0.411	-----	-----	-----	-----	-----	-----	-----	0.411
54.77	0.000	298.41	0.412	0.411	-----	-----	-----	-----	-----	-----	-----	0.411
54.80	0.000	298.41	0.411	0.411	-----	-----	-----	-----	-----	-----	-----	0.411
54.83	0.000	298.41	0.411	0.411	-----	-----	-----	-----	-----	-----	-----	0.411
54.87	0.000	298.41	0.411	0.411	-----	-----	-----	-----	-----	-----	-----	0.411
54.90	0.000	298.41	0.411	0.411	-----	-----	-----	-----	-----	-----	-----	0.411
54.93	0.000	298.40	0.411	0.411	-----	-----	-----	-----	-----	-----	-----	0.411
54.97	0.000	298.40	0.411	0.411	-----	-----	-----	-----	-----	-----	-----	0.411
55.00	0.000	298.40	0.411	0.410	-----	-----	-----	-----	-----	-----	-----	0.410
55.03	0.000	298.40	0.410	0.410	-----	-----	-----	-----	-----	-----	-----	0.410
55.07	0.000	298.40	0.410	0.410	-----	-----	-----	-----	-----	-----	-----	0.410
55.10	0.000	298.40	0.410	0.410	-----	-----	-----	-----	-----	-----	-----	0.410
55.13	0.000	298.40	0.410	0.410	-----	-----	-----	-----	-----	-----	-----	0.410
55.17	0.000	298.39	0.410	0.410	-----	-----	-----	-----	-----	-----	-----	0.410
55.20	0.000	298.39	0.410	0.410	-----	-----	-----	-----	-----	-----	-----	0.410
55.23	0.000	298.39	0.410	0.410	-----	-----	-----	-----	-----	-----	-----	0.410
55.27	0.000	298.39	0.410	0.410	-----	-----	-----	-----	-----	-----	-----	0.410
55.30	0.000	298.39	0.410	0.410	-----	-----	-----	-----	-----	-----	-----	0.410
55.33	0.000	298.39	0.410	0.409	-----	-----	-----	-----	-----	-----	-----	0.409
55.37	0.000	298.39	0.410	0.409	-----	-----	-----	-----	-----	-----	-----	0.409
55.40	0.000	298.38	0.410	0.409	-----	-----	-----	-----	-----	-----	-----	0.409
55.43	0.000	298.38	0.410	0.409	-----	-----	-----	-----	-----	-----	-----	0.409
55.47	0.000	298.38	0.410	0.409	-----	-----	-----	-----	-----	-----	-----	0.409
55.50	0.000	298.38	0.410	0.409	-----	-----	-----	-----	-----	-----	-----	0.409
55.53	0.000	298.38	0.410	0.409	-----	-----	-----	-----	-----	-----	-----	0.409
55.57	0.000	298.38	0.410	0.409	-----	-----	-----	-----	-----	-----	-----	0.409
55.60	0.000	298.38	0.410	0.409	-----	-----	-----	-----	-----	-----	-----	0.409
55.63	0.000	298.38	0.410	0.409	-----	-----	-----	-----	-----	-----	-----	0.409
55.67	0.000	298.37	0.410	0.409	-----	-----	-----	-----	-----	-----	-----	0.409
55.70	0.000	298.37	0.410	0.408	-----	-----	-----	-----	-----	-----	-----	0.408
55.73	0.000	298.37	0.410	0.408	-----	-----	-----	-----	-----	-----	-----	0.408
55.77	0.000	298.37	0.410	0.408	-----	-----	-----	-----	-----	-----	-----	0.408
55.80	0.000	298.37	0.410	0.408	-----	-----	-----	-----	-----	-----	-----	0.408
55.83	0.000	298.37	0.410	0.408	-----	-----	-----	-----	-----	-----	-----	0.408
55.87	0.000	298.37	0.410	0.408	-----	-----	-----	-----	-----	-----	-----	0.408
55.90	0.000	298.36	0.410	0.408	-----	-----	-----	-----	-----	-----	-----	0.408
55.93	0.000	298.36	0.410	0.408	-----	-----	-----	-----	-----	-----	-----	0.408
55.97	0.000	298.36	0.410	0.408	-----	-----	-----	-----	-----	-----	-----	0.408
56.00	0.000	298.36	0.410	0.408	-----	-----	-----	-----	-----	-----	-----	0.408
56.03	0.000	298.36	0.410	0.407	-----	-----	-----	-----	-----	-----	-----	0.407
56.07	0.000	298.36	0.410	0.407	-----	-----	-----	-----	-----	-----	-----	0.407
56.10	0.000	298.36	0.410	0.407	-----	-----	-----	-----	-----	-----	-----	0.407
56.13	0.000	298.35	0.410	0.407	-----	-----	-----	-----	-----	-----	-----	0.407
56.17	0.000	298.35	0.410	0.407	-----	-----	-----	-----	-----	-----	-----	0.407
56.20	0.000	298.35	0.410	0.407	-----	-----	-----	-----	-----	-----	-----	0.407
56.23	0.000	298.35	0.410	0.407	-----	-----	-----	-----	-----	-----	-----	0.407
56.27	0.000	298.35	0.410	0.407	-----	-----	-----	-----	-----	-----	-----	0.407
56.30	0.000	298.35	0.409	0.407	-----	-----	-----	-----	-----	-----	-----	0.407
56.33	0.000	298.35	0.409	0.407	-----	-----	-----	-----	-----	-----	-----	0.407
56.37	0.000	298.34	0.409	0.407	-----	-----	-----	-----	-----	-----	-----	0.407
56.40	0.000	298.34	0.409	0.406	-----	-----	-----	-----	-----	-----	-----	0.406

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
56.43	0.000	298.34	0.409	0.406	-----	-----	-----	-----	-----	-----	-----	0.406
56.47	0.000	298.34	0.409	0.406	-----	-----	-----	-----	-----	-----	-----	0.406
56.50	0.000	298.34	0.409	0.406	-----	-----	-----	-----	-----	-----	-----	0.406
56.53	0.000	298.34	0.409	0.406	-----	-----	-----	-----	-----	-----	-----	0.406
56.57	0.000	298.34	0.409	0.406	-----	-----	-----	-----	-----	-----	-----	0.406
56.60	0.000	298.34	0.409	0.406	-----	-----	-----	-----	-----	-----	-----	0.406
56.63	0.000	298.33	0.409	0.406	-----	-----	-----	-----	-----	-----	-----	0.406
56.67	0.000	298.33	0.409	0.406	-----	-----	-----	-----	-----	-----	-----	0.406
56.70	0.000	298.33	0.409	0.406	-----	-----	-----	-----	-----	-----	-----	0.406
56.73	0.000	298.33	0.409	0.405	-----	-----	-----	-----	-----	-----	-----	0.405
56.77	0.000	298.33	0.409	0.405	-----	-----	-----	-----	-----	-----	-----	0.405
56.80	0.000	298.33	0.409	0.405	-----	-----	-----	-----	-----	-----	-----	0.405
56.83	0.000	298.33	0.409	0.405	-----	-----	-----	-----	-----	-----	-----	0.405
56.87	0.000	298.32	0.409	0.405	-----	-----	-----	-----	-----	-----	-----	0.405
56.90	0.000	298.32	0.409	0.405	-----	-----	-----	-----	-----	-----	-----	0.405
56.93	0.000	298.32	0.409	0.405	-----	-----	-----	-----	-----	-----	-----	0.405
56.97	0.000	298.32	0.409	0.405	-----	-----	-----	-----	-----	-----	-----	0.405
57.00	0.000	298.32	0.409	0.405	-----	-----	-----	-----	-----	-----	-----	0.405
57.03	0.000	298.32	0.409	0.405	-----	-----	-----	-----	-----	-----	-----	0.405
57.07	0.000	298.32	0.409	0.405	-----	-----	-----	-----	-----	-----	-----	0.405
57.10	0.000	298.31	0.409	0.404	-----	-----	-----	-----	-----	-----	-----	0.404
57.13	0.000	298.31	0.409	0.404	-----	-----	-----	-----	-----	-----	-----	0.404
57.17	0.000	298.31	0.409	0.404	-----	-----	-----	-----	-----	-----	-----	0.404
57.20	0.000	298.31	0.409	0.404	-----	-----	-----	-----	-----	-----	-----	0.404
57.23	0.000	298.31	0.409	0.404	-----	-----	-----	-----	-----	-----	-----	0.404
57.27	0.000	298.31	0.409	0.404	-----	-----	-----	-----	-----	-----	-----	0.404
57.30	0.000	298.31	0.409	0.404	-----	-----	-----	-----	-----	-----	-----	0.404
57.33	0.000	298.31	0.409	0.404	-----	-----	-----	-----	-----	-----	-----	0.404
57.37	0.000	298.30	0.409	0.404	-----	-----	-----	-----	-----	-----	-----	0.404
57.40	0.000	298.30	0.409	0.404	-----	-----	-----	-----	-----	-----	-----	0.404
57.43	0.000	298.30	0.409	0.404	-----	-----	-----	-----	-----	-----	-----	0.404
57.47	0.000	298.30	0.409	0.403	-----	-----	-----	-----	-----	-----	-----	0.403
57.50	0.000	298.30	0.409	0.403	-----	-----	-----	-----	-----	-----	-----	0.403
57.53	0.000	298.30	0.409	0.403	-----	-----	-----	-----	-----	-----	-----	0.403
57.57	0.000	298.30	0.409	0.403	-----	-----	-----	-----	-----	-----	-----	0.403
57.60	0.000	298.29	0.409	0.403	-----	-----	-----	-----	-----	-----	-----	0.403
57.63	0.000	298.29	0.409	0.403	-----	-----	-----	-----	-----	-----	-----	0.403
57.67	0.000	298.29	0.409	0.403	-----	-----	-----	-----	-----	-----	-----	0.403
57.70	0.000	298.29	0.408	0.403	-----	-----	-----	-----	-----	-----	-----	0.403
57.73	0.000	298.29	0.408	0.403	-----	-----	-----	-----	-----	-----	-----	0.403
57.77	0.000	298.29	0.408	0.403	-----	-----	-----	-----	-----	-----	-----	0.403
57.80	0.000	298.29	0.408	0.402	-----	-----	-----	-----	-----	-----	-----	0.402
57.83	0.000	298.29	0.408	0.402	-----	-----	-----	-----	-----	-----	-----	0.402
57.87	0.000	298.28	0.408	0.402	-----	-----	-----	-----	-----	-----	-----	0.402
57.90	0.000	298.28	0.408	0.402	-----	-----	-----	-----	-----	-----	-----	0.402
57.93	0.000	298.28	0.408	0.402	-----	-----	-----	-----	-----	-----	-----	0.402
57.97	0.000	298.28	0.408	0.402	-----	-----	-----	-----	-----	-----	-----	0.402
58.00	0.000	298.28	0.408	0.402	-----	-----	-----	-----	-----	-----	-----	0.402
58.03	0.000	298.28	0.408	0.402	-----	-----	-----	-----	-----	-----	-----	0.402
58.07	0.000	298.28	0.408	0.402	-----	-----	-----	-----	-----	-----	-----	0.402
58.10	0.000	298.27	0.408	0.402	-----	-----	-----	-----	-----	-----	-----	0.402
58.13	0.000	298.27	0.408	0.402	-----	-----	-----	-----	-----	-----	-----	0.402
58.17	0.000	298.27	0.408	0.401	-----	-----	-----	-----	-----	-----	-----	0.401
58.20	0.000	298.27	0.408	0.401	-----	-----	-----	-----	-----	-----	-----	0.401
58.23	0.000	298.27	0.408	0.401	-----	-----	-----	-----	-----	-----	-----	0.401
58.27	0.000	298.27	0.408	0.401	-----	-----	-----	-----	-----	-----	-----	0.401

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
58.30	0.000	298.27	0.408	0.401	-----	-----	-----	-----	-----	-----	-----	0.401
58.33	0.000	298.26	0.408	0.401	-----	-----	-----	-----	-----	-----	-----	0.401
58.37	0.000	298.26	0.408	0.401	-----	-----	-----	-----	-----	-----	-----	0.401
58.40	0.000	298.26	0.408	0.401	-----	-----	-----	-----	-----	-----	-----	0.401
58.43	0.000	298.26	0.408	0.401	-----	-----	-----	-----	-----	-----	-----	0.401
58.47	0.000	298.26	0.408	0.401	-----	-----	-----	-----	-----	-----	-----	0.401
58.50	0.000	298.26	0.408	0.401	-----	-----	-----	-----	-----	-----	-----	0.401
58.53	0.000	298.26	0.408	0.400	-----	-----	-----	-----	-----	-----	-----	0.400
58.57	0.000	298.26	0.408	0.400	-----	-----	-----	-----	-----	-----	-----	0.400
58.60	0.000	298.25	0.408	0.400	-----	-----	-----	-----	-----	-----	-----	0.400
58.63	0.000	298.25	0.408	0.400	-----	-----	-----	-----	-----	-----	-----	0.400
58.67	0.000	298.25	0.408	0.400	-----	-----	-----	-----	-----	-----	-----	0.400
58.70	0.000	298.25	0.408	0.400	-----	-----	-----	-----	-----	-----	-----	0.400
58.73	0.000	298.25	0.408	0.400	-----	-----	-----	-----	-----	-----	-----	0.400
58.77	0.000	298.25	0.408	0.400	-----	-----	-----	-----	-----	-----	-----	0.400
58.80	0.000	298.25	0.408	0.400	-----	-----	-----	-----	-----	-----	-----	0.400
58.83	0.000	298.24	0.408	0.400	-----	-----	-----	-----	-----	-----	-----	0.400
58.87	0.000	298.24	0.408	0.399	-----	-----	-----	-----	-----	-----	-----	0.399
58.90	0.000	298.24	0.408	0.399	-----	-----	-----	-----	-----	-----	-----	0.399
58.93	0.000	298.24	0.408	0.399	-----	-----	-----	-----	-----	-----	-----	0.399
58.97	0.000	298.24	0.408	0.399	-----	-----	-----	-----	-----	-----	-----	0.399
59.00	0.000	298.24	0.408	0.399	-----	-----	-----	-----	-----	-----	-----	0.399
59.03	0.000	298.24	0.408	0.399	-----	-----	-----	-----	-----	-----	-----	0.399
59.07	0.000	298.24	0.408	0.399	-----	-----	-----	-----	-----	-----	-----	0.399
59.10	0.000	298.23	0.408	0.399	-----	-----	-----	-----	-----	-----	-----	0.399
59.13	0.000	298.23	0.407	0.399	-----	-----	-----	-----	-----	-----	-----	0.399
59.17	0.000	298.23	0.407	0.399	-----	-----	-----	-----	-----	-----	-----	0.399
59.20	0.000	298.23	0.407	0.399	-----	-----	-----	-----	-----	-----	-----	0.399
59.23	0.000	298.23	0.407	0.398	-----	-----	-----	-----	-----	-----	-----	0.398
59.27	0.000	298.23	0.407	0.398	-----	-----	-----	-----	-----	-----	-----	0.398
59.30	0.000	298.23	0.407	0.398	-----	-----	-----	-----	-----	-----	-----	0.398
59.33	0.000	298.22	0.407	0.398	-----	-----	-----	-----	-----	-----	-----	0.398
59.37	0.000	298.22	0.407	0.398	-----	-----	-----	-----	-----	-----	-----	0.398
59.40	0.000	298.22	0.407	0.398	-----	-----	-----	-----	-----	-----	-----	0.398
59.43	0.000	298.22	0.407	0.398	-----	-----	-----	-----	-----	-----	-----	0.398
59.47	0.000	298.22	0.407	0.398	-----	-----	-----	-----	-----	-----	-----	0.398
59.50	0.000	298.22	0.407	0.398	-----	-----	-----	-----	-----	-----	-----	0.398
59.53	0.000	298.22	0.407	0.398	-----	-----	-----	-----	-----	-----	-----	0.398
59.57	0.000	298.22	0.407	0.398	-----	-----	-----	-----	-----	-----	-----	0.398
59.60	0.000	298.21	0.407	0.397	-----	-----	-----	-----	-----	-----	-----	0.397
59.63	0.000	298.21	0.407	0.397	-----	-----	-----	-----	-----	-----	-----	0.397
59.67	0.000	298.21	0.407	0.397	-----	-----	-----	-----	-----	-----	-----	0.397
59.70	0.000	298.21	0.407	0.397	-----	-----	-----	-----	-----	-----	-----	0.397
59.73	0.000	298.21	0.407	0.397	-----	-----	-----	-----	-----	-----	-----	0.397
59.77	0.000	298.21	0.407	0.397	-----	-----	-----	-----	-----	-----	-----	0.397
59.80	0.000	298.21	0.407	0.397	-----	-----	-----	-----	-----	-----	-----	0.397
59.83	0.000	298.20	0.407	0.397	-----	-----	-----	-----	-----	-----	-----	0.397
59.87	0.000	298.20	0.407	0.397	-----	-----	-----	-----	-----	-----	-----	0.397
59.90	0.000	298.20	0.407	0.397	-----	-----	-----	-----	-----	-----	-----	0.397
59.93	0.000	298.20	0.407	0.397	-----	-----	-----	-----	-----	-----	-----	0.397
59.97	0.000	298.20	0.407	0.396	-----	-----	-----	-----	-----	-----	-----	0.396
60.00	0.000	298.20	0.407	0.396	-----	-----	-----	-----	-----	-----	-----	0.396
60.03	0.000	298.20	0.406	0.396	-----	-----	-----	-----	-----	-----	-----	0.396
60.07	0.000	298.20	0.406	0.396	-----	-----	-----	-----	-----	-----	-----	0.396
60.10	0.000	298.19	0.406	0.396	-----	-----	-----	-----	-----	-----	-----	0.396
60.13	0.000	298.19	0.406	0.396	-----	-----	-----	-----	-----	-----	-----	0.396

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
60.17	0.000	298.19	0.406	0.396	-----	-----	-----	-----	-----	-----	-----	0.396
60.20	0.000	298.19	0.406	0.396	-----	-----	-----	-----	-----	-----	-----	0.396
60.23	0.000	298.19	0.405	0.396	-----	-----	-----	-----	-----	-----	-----	0.396
60.27	0.000	298.19	0.405	0.396	-----	-----	-----	-----	-----	-----	-----	0.396
60.30	0.000	298.19	0.405	0.395	-----	-----	-----	-----	-----	-----	-----	0.395
60.33	0.000	298.18	0.405	0.395	-----	-----	-----	-----	-----	-----	-----	0.395
60.37	0.000	298.18	0.405	0.395	-----	-----	-----	-----	-----	-----	-----	0.395
60.40	0.000	298.18	0.405	0.395	-----	-----	-----	-----	-----	-----	-----	0.395
60.43	0.000	298.18	0.404	0.395	-----	-----	-----	-----	-----	-----	-----	0.395
60.47	0.000	298.18	0.404	0.395	-----	-----	-----	-----	-----	-----	-----	0.395
60.50	0.000	298.18	0.404	0.395	-----	-----	-----	-----	-----	-----	-----	0.395
60.53	0.000	298.18	0.404	0.395	-----	-----	-----	-----	-----	-----	-----	0.395
60.57	0.000	298.18	0.404	0.395	-----	-----	-----	-----	-----	-----	-----	0.395
60.60	0.000	298.17	0.404	0.395	-----	-----	-----	-----	-----	-----	-----	0.395
60.63	0.000	298.17	0.404	0.395	-----	-----	-----	-----	-----	-----	-----	0.395
60.67	0.000	298.17	0.403	0.394	-----	-----	-----	-----	-----	-----	-----	0.394
60.70	0.000	298.17	0.403	0.394	-----	-----	-----	-----	-----	-----	-----	0.394
60.73	0.000	298.17	0.403	0.394	-----	-----	-----	-----	-----	-----	-----	0.394
60.77	0.000	298.17	0.403	0.394	-----	-----	-----	-----	-----	-----	-----	0.394
60.80	0.000	298.17	0.403	0.394	-----	-----	-----	-----	-----	-----	-----	0.394
60.83	0.000	298.16	0.403	0.394	-----	-----	-----	-----	-----	-----	-----	0.394
60.87	0.000	298.16	0.402	0.394	-----	-----	-----	-----	-----	-----	-----	0.394
60.90	0.000	298.16	0.402	0.394	-----	-----	-----	-----	-----	-----	-----	0.394
60.93	0.000	298.16	0.402	0.394	-----	-----	-----	-----	-----	-----	-----	0.394
60.97	0.000	298.16	0.402	0.394	-----	-----	-----	-----	-----	-----	-----	0.394
61.00	0.000	298.16	0.402	0.393	-----	-----	-----	-----	-----	-----	-----	0.393
61.03	0.000	298.16	0.402	0.393	-----	-----	-----	-----	-----	-----	-----	0.393
61.07	0.000	298.16	0.401	0.393	-----	-----	-----	-----	-----	-----	-----	0.393
61.10	0.000	298.15	0.401	0.393	-----	-----	-----	-----	-----	-----	-----	0.393
61.13	0.000	298.15	0.401	0.393	-----	-----	-----	-----	-----	-----	-----	0.393
61.17	0.000	298.15	0.401	0.393	-----	-----	-----	-----	-----	-----	-----	0.393
61.20	0.000	298.15	0.401	0.393	-----	-----	-----	-----	-----	-----	-----	0.393
61.23	0.000	298.15	0.401	0.393	-----	-----	-----	-----	-----	-----	-----	0.393
61.27	0.000	298.15	0.400	0.393	-----	-----	-----	-----	-----	-----	-----	0.393
61.30	0.000	298.15	0.400	0.393	-----	-----	-----	-----	-----	-----	-----	0.393
61.33	0.000	298.14	0.400	0.393	-----	-----	-----	-----	-----	-----	-----	0.393
61.37	0.000	298.14	0.400	0.392	-----	-----	-----	-----	-----	-----	-----	0.392
61.40	0.000	298.14	0.400	0.392	-----	-----	-----	-----	-----	-----	-----	0.392
61.43	0.000	298.14	0.400	0.392	-----	-----	-----	-----	-----	-----	-----	0.392
61.47	0.000	298.14	0.399	0.392	-----	-----	-----	-----	-----	-----	-----	0.392
61.50	0.000	298.14	0.399	0.392	-----	-----	-----	-----	-----	-----	-----	0.392
61.53	0.000	298.14	0.399	0.392	-----	-----	-----	-----	-----	-----	-----	0.392
61.57	0.000	298.14	0.399	0.392	-----	-----	-----	-----	-----	-----	-----	0.392
61.60	0.000	298.13	0.399	0.392	-----	-----	-----	-----	-----	-----	-----	0.392
61.63	0.000	298.13	0.399	0.392	-----	-----	-----	-----	-----	-----	-----	0.392
61.67	0.000	298.13	0.398	0.392	-----	-----	-----	-----	-----	-----	-----	0.392
61.70	0.000	298.13	0.398	0.391	-----	-----	-----	-----	-----	-----	-----	0.391
61.73	0.000	298.13	0.398	0.391	-----	-----	-----	-----	-----	-----	-----	0.391
61.77	0.000	298.13	0.398	0.391	-----	-----	-----	-----	-----	-----	-----	0.391
61.80	0.000	298.13	0.398	0.391	-----	-----	-----	-----	-----	-----	-----	0.391
61.83	0.000	298.12	0.398	0.391	-----	-----	-----	-----	-----	-----	-----	0.391
61.87	0.000	298.12	0.397	0.391	-----	-----	-----	-----	-----	-----	-----	0.391
61.90	0.000	298.12	0.397	0.391	-----	-----	-----	-----	-----	-----	-----	0.391
61.93	0.000	298.12	0.397	0.391	-----	-----	-----	-----	-----	-----	-----	0.391
61.97	0.000	298.12	0.397	0.391	-----	-----	-----	-----	-----	-----	-----	0.391
62.00	0.000	298.12	0.397	0.391	-----	-----	-----	-----	-----	-----	-----	0.391

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
62.03	0.000	298.12	0.397	0.391	-----	-----	-----	-----	-----	-----	-----	0.391
62.07	0.000	298.12	0.396	0.390	-----	-----	-----	-----	-----	-----	-----	0.390
62.10	0.000	298.11	0.396	0.390	-----	-----	-----	-----	-----	-----	-----	0.390
62.13	0.000	298.11	0.396	0.390	-----	-----	-----	-----	-----	-----	-----	0.390
62.17	0.000	298.11	0.396	0.390	-----	-----	-----	-----	-----	-----	-----	0.390
62.20	0.000	298.11	0.396	0.390	-----	-----	-----	-----	-----	-----	-----	0.390
62.23	0.000	298.11	0.396	0.390	-----	-----	-----	-----	-----	-----	-----	0.390
62.27	0.000	298.11	0.396	0.390	-----	-----	-----	-----	-----	-----	-----	0.390
62.30	0.000	298.11	0.395	0.390	-----	-----	-----	-----	-----	-----	-----	0.390
62.33	0.000	298.11	0.395	0.390	-----	-----	-----	-----	-----	-----	-----	0.390
62.37	0.000	298.10	0.395	0.390	-----	-----	-----	-----	-----	-----	-----	0.390
62.40	0.000	298.10	0.395	0.390	-----	-----	-----	-----	-----	-----	-----	0.390
62.43	0.000	298.10	0.395	0.389	-----	-----	-----	-----	-----	-----	-----	0.389
62.47	0.000	298.10	0.395	0.389	-----	-----	-----	-----	-----	-----	-----	0.389
62.50	0.000	298.10	0.394	0.389	-----	-----	-----	-----	-----	-----	-----	0.389
62.53	0.000	298.10	0.394	0.389	-----	-----	-----	-----	-----	-----	-----	0.389
62.57	0.000	298.10	0.394	0.389	-----	-----	-----	-----	-----	-----	-----	0.389
62.60	0.000	298.09	0.394	0.389	-----	-----	-----	-----	-----	-----	-----	0.389
62.63	0.000	298.09	0.394	0.389	-----	-----	-----	-----	-----	-----	-----	0.389
62.67	0.000	298.09	0.394	0.389	-----	-----	-----	-----	-----	-----	-----	0.389
62.70	0.000	298.09	0.393	0.389	-----	-----	-----	-----	-----	-----	-----	0.389
62.73	0.000	298.09	0.393	0.389	-----	-----	-----	-----	-----	-----	-----	0.389
62.77	0.000	298.09	0.393	0.388	-----	-----	-----	-----	-----	-----	-----	0.388
62.80	0.000	298.09	0.393	0.388	-----	-----	-----	-----	-----	-----	-----	0.388
62.83	0.000	298.09	0.393	0.388	-----	-----	-----	-----	-----	-----	-----	0.388
62.87	0.000	298.08	0.393	0.388	-----	-----	-----	-----	-----	-----	-----	0.388
62.90	0.000	298.08	0.392	0.388	-----	-----	-----	-----	-----	-----	-----	0.388
62.93	0.000	298.08	0.392	0.388	-----	-----	-----	-----	-----	-----	-----	0.388
62.97	0.000	298.08	0.392	0.388	-----	-----	-----	-----	-----	-----	-----	0.388
63.00	0.000	298.08	0.392	0.388	-----	-----	-----	-----	-----	-----	-----	0.388
63.03	0.000	298.08	0.392	0.388	-----	-----	-----	-----	-----	-----	-----	0.388
63.07	0.000	298.08	0.392	0.388	-----	-----	-----	-----	-----	-----	-----	0.388
63.10	0.000	298.08	0.391	0.388	-----	-----	-----	-----	-----	-----	-----	0.388
63.13	0.000	298.07	0.391	0.387	-----	-----	-----	-----	-----	-----	-----	0.387
63.17	0.000	298.07	0.391	0.387	-----	-----	-----	-----	-----	-----	-----	0.387
63.20	0.000	298.07	0.391	0.387	-----	-----	-----	-----	-----	-----	-----	0.387
63.23	0.000	298.07	0.391	0.387	-----	-----	-----	-----	-----	-----	-----	0.387
63.27	0.000	298.07	0.391	0.387	-----	-----	-----	-----	-----	-----	-----	0.387
63.30	0.000	298.07	0.391	0.387	-----	-----	-----	-----	-----	-----	-----	0.387
63.33	0.000	298.07	0.390	0.387	-----	-----	-----	-----	-----	-----	-----	0.387
63.37	0.000	298.06	0.390	0.387	-----	-----	-----	-----	-----	-----	-----	0.387
63.40	0.000	298.06	0.390	0.387	-----	-----	-----	-----	-----	-----	-----	0.387
63.43	0.000	298.06	0.390	0.387	-----	-----	-----	-----	-----	-----	-----	0.387
63.47	0.000	298.06	0.390	0.387	-----	-----	-----	-----	-----	-----	-----	0.387
63.50	0.000	298.06	0.390	0.386	-----	-----	-----	-----	-----	-----	-----	0.386
63.53	0.000	298.06	0.389	0.386	-----	-----	-----	-----	-----	-----	-----	0.386
63.57	0.000	298.06	0.389	0.386	-----	-----	-----	-----	-----	-----	-----	0.386
63.60	0.000	298.06	0.389	0.386	-----	-----	-----	-----	-----	-----	-----	0.386
63.63	0.000	298.05	0.389	0.386	-----	-----	-----	-----	-----	-----	-----	0.386
63.67	0.000	298.05	0.389	0.386	-----	-----	-----	-----	-----	-----	-----	0.386
63.70	0.000	298.05	0.389	0.386	-----	-----	-----	-----	-----	-----	-----	0.386
63.73	0.000	298.05	0.388	0.386	-----	-----	-----	-----	-----	-----	-----	0.386
63.77	0.000	298.05	0.388	0.386	-----	-----	-----	-----	-----	-----	-----	0.386
63.80	0.000	298.05	0.388	0.386	-----	-----	-----	-----	-----	-----	-----	0.386
63.83	0.000	298.05	0.388	0.385	-----	-----	-----	-----	-----	-----	-----	0.385
63.87	0.000	298.05	0.388	0.385	-----	-----	-----	-----	-----	-----	-----	0.385

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
63.90	0.000	298.04	0.388	0.385	-----	-----	-----	-----	-----	-----	-----	0.385
63.93	0.000	298.04	0.387	0.385	-----	-----	-----	-----	-----	-----	-----	0.385
63.97	0.000	298.04	0.387	0.385	-----	-----	-----	-----	-----	-----	-----	0.385
64.00	0.000	298.04	0.387	0.385	-----	-----	-----	-----	-----	-----	-----	0.385
64.03	0.000	298.04	0.387	0.385	-----	-----	-----	-----	-----	-----	-----	0.385
64.07	0.000	298.04	0.387	0.385	-----	-----	-----	-----	-----	-----	-----	0.385
64.10	0.000	298.04	0.387	0.385	-----	-----	-----	-----	-----	-----	-----	0.385
64.13	0.000	298.03	0.387	0.385	-----	-----	-----	-----	-----	-----	-----	0.385
64.17	0.000	298.03	0.386	0.385	-----	-----	-----	-----	-----	-----	-----	0.385
64.20	0.000	298.03	0.386	0.384	-----	-----	-----	-----	-----	-----	-----	0.384
64.23	0.000	298.03	0.386	0.384	-----	-----	-----	-----	-----	-----	-----	0.384
64.27	0.000	298.03	0.386	0.384	-----	-----	-----	-----	-----	-----	-----	0.384
64.30	0.000	298.03	0.386	0.384	-----	-----	-----	-----	-----	-----	-----	0.384
64.33	0.000	298.03	0.386	0.384	-----	-----	-----	-----	-----	-----	-----	0.384
64.37	0.000	298.03	0.385	0.384	-----	-----	-----	-----	-----	-----	-----	0.384
64.40	0.000	298.02	0.385	0.384	-----	-----	-----	-----	-----	-----	-----	0.384
64.43	0.000	298.02	0.385	0.384	-----	-----	-----	-----	-----	-----	-----	0.384
64.47	0.000	298.02	0.385	0.384	-----	-----	-----	-----	-----	-----	-----	0.384
64.50	0.000	298.02	0.385	0.384	-----	-----	-----	-----	-----	-----	-----	0.384
64.53	0.000	298.02	0.385	0.384	-----	-----	-----	-----	-----	-----	-----	0.384
64.57	0.000	298.02	0.384	0.383	-----	-----	-----	-----	-----	-----	-----	0.383
64.60	0.000	298.02	0.384	0.383	-----	-----	-----	-----	-----	-----	-----	0.383
64.63	0.000	298.02	0.384	0.383	-----	-----	-----	-----	-----	-----	-----	0.383
64.67	0.000	298.01	0.384	0.383	-----	-----	-----	-----	-----	-----	-----	0.383
64.70	0.000	298.01	0.384	0.383	-----	-----	-----	-----	-----	-----	-----	0.383
64.73	0.000	298.01	0.384	0.383	-----	-----	-----	-----	-----	-----	-----	0.383
64.77	0.000	298.01	0.383	0.383	-----	-----	-----	-----	-----	-----	-----	0.383
64.80	0.000	298.01	0.383	0.383	-----	-----	-----	-----	-----	-----	-----	0.383
64.83	0.000	298.01	0.383	0.383	-----	-----	-----	-----	-----	-----	-----	0.383
64.87	0.000	298.01	0.383	0.383	-----	-----	-----	-----	-----	-----	-----	0.383
64.90	0.000	298.01	0.383	0.383	-----	-----	-----	-----	-----	-----	-----	0.383
64.93	0.000	298.00	0.383	0.382	-----	-----	-----	-----	-----	-----	-----	0.382
64.97	0.000	298.00	0.383	0.382	-----	-----	-----	-----	-----	-----	-----	0.382
65.00	0.000	298.00	0.382	0.382	-----	-----	-----	-----	-----	-----	-----	0.382
65.03	0.000	298.00	0.382	0.382	-----	-----	-----	-----	-----	-----	-----	0.382
65.07	0.000	298.00	0.382	0.382	-----	-----	-----	-----	-----	-----	-----	0.382
65.10	0.000	298.00	0.382	0.382	-----	-----	-----	-----	-----	-----	-----	0.382
65.13	0.000	298.00	0.382	0.382	-----	-----	-----	-----	-----	-----	-----	0.382
65.17	0.000	297.99	0.382	0.382	-----	-----	-----	-----	-----	-----	-----	0.382
65.20	0.000	297.99	0.382	0.382	-----	-----	-----	-----	-----	-----	-----	0.382
65.23	0.000	297.99	0.382	0.381	-----	-----	-----	-----	-----	-----	-----	0.381
65.27	0.000	297.99	0.382	0.381	-----	-----	-----	-----	-----	-----	-----	0.381
65.30	0.000	297.99	0.382	0.381	-----	-----	-----	-----	-----	-----	-----	0.381
65.33	0.000	297.98	0.382	0.381	-----	-----	-----	-----	-----	-----	-----	0.381
65.37	0.000	297.98	0.382	0.381	-----	-----	-----	-----	-----	-----	-----	0.381
65.40	0.000	297.98	0.382	0.381	-----	-----	-----	-----	-----	-----	-----	0.381
65.43	0.000	297.98	0.382	0.381	-----	-----	-----	-----	-----	-----	-----	0.381
65.47	0.000	297.98	0.382	0.381	-----	-----	-----	-----	-----	-----	-----	0.381
65.50	0.000	297.98	0.382	0.380	-----	-----	-----	-----	-----	-----	-----	0.380
65.53	0.000	297.97	0.382	0.380	-----	-----	-----	-----	-----	-----	-----	0.380
65.57	0.000	297.97	0.382	0.380	-----	-----	-----	-----	-----	-----	-----	0.380
65.60	0.000	297.97	0.382	0.380	-----	-----	-----	-----	-----	-----	-----	0.380
65.63	0.000	297.97	0.382	0.380	-----	-----	-----	-----	-----	-----	-----	0.380
65.67	0.000	297.97	0.382	0.380	-----	-----	-----	-----	-----	-----	-----	0.380
65.70	0.000	297.97	0.382	0.380	-----	-----	-----	-----	-----	-----	-----	0.380
65.73	0.000	297.96	0.382	0.380	-----	-----	-----	-----	-----	-----	-----	0.380

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
65.77	0.000	297.96	0.382	0.379	-----	-----	-----	-----	-----	-----	-----	0.379
65.80	0.000	297.96	0.382	0.379	-----	-----	-----	-----	-----	-----	-----	0.379
65.83	0.000	297.96	0.382	0.379	-----	-----	-----	-----	-----	-----	-----	0.379
65.87	0.000	297.96	0.382	0.379	-----	-----	-----	-----	-----	-----	-----	0.379
65.90	0.000	297.96	0.382	0.379	-----	-----	-----	-----	-----	-----	-----	0.379
65.93	0.000	297.95	0.382	0.379	-----	-----	-----	-----	-----	-----	-----	0.379
65.97	0.000	297.95	0.382	0.379	-----	-----	-----	-----	-----	-----	-----	0.379
66.00	0.000	297.95	0.382	0.379	-----	-----	-----	-----	-----	-----	-----	0.379
66.03	0.000	297.95	0.382	0.378	-----	-----	-----	-----	-----	-----	-----	0.378
66.07	0.000	297.95	0.382	0.378	-----	-----	-----	-----	-----	-----	-----	0.378
66.10	0.000	297.95	0.382	0.378	-----	-----	-----	-----	-----	-----	-----	0.378
66.13	0.000	297.94	0.382	0.378	-----	-----	-----	-----	-----	-----	-----	0.378
66.17	0.000	297.94	0.382	0.378	-----	-----	-----	-----	-----	-----	-----	0.378
66.20	0.000	297.94	0.382	0.378	-----	-----	-----	-----	-----	-----	-----	0.378
66.23	0.000	297.94	0.382	0.378	-----	-----	-----	-----	-----	-----	-----	0.378
66.27	0.000	297.94	0.382	0.378	-----	-----	-----	-----	-----	-----	-----	0.378
66.30	0.000	297.94	0.382	0.377	-----	-----	-----	-----	-----	-----	-----	0.377
66.33	0.000	297.93	0.382	0.377	-----	-----	-----	-----	-----	-----	-----	0.377
66.37	0.000	297.93	0.382	0.377	-----	-----	-----	-----	-----	-----	-----	0.377
66.40	0.000	297.93	0.382	0.377	-----	-----	-----	-----	-----	-----	-----	0.377
66.43	0.000	297.93	0.382	0.377	-----	-----	-----	-----	-----	-----	-----	0.377
66.47	0.000	297.93	0.382	0.377	-----	-----	-----	-----	-----	-----	-----	0.377
66.50	0.000	297.93	0.382	0.377	-----	-----	-----	-----	-----	-----	-----	0.377
66.53	0.000	297.92	0.382	0.377	-----	-----	-----	-----	-----	-----	-----	0.377
66.57	0.000	297.92	0.382	0.376	-----	-----	-----	-----	-----	-----	-----	0.376
66.60	0.000	297.92	0.382	0.376	-----	-----	-----	-----	-----	-----	-----	0.376
66.63	0.000	297.92	0.382	0.376	-----	-----	-----	-----	-----	-----	-----	0.376
66.67	0.000	297.92	0.382	0.376	-----	-----	-----	-----	-----	-----	-----	0.376
66.70	0.000	297.92	0.382	0.376	-----	-----	-----	-----	-----	-----	-----	0.376
66.73	0.000	297.91	0.382	0.376	-----	-----	-----	-----	-----	-----	-----	0.376
66.77	0.000	297.91	0.382	0.376	-----	-----	-----	-----	-----	-----	-----	0.376
66.80	0.000	297.91	0.382	0.376	-----	-----	-----	-----	-----	-----	-----	0.376
66.83	0.000	297.91	0.382	0.375	-----	-----	-----	-----	-----	-----	-----	0.375
66.87	0.000	297.91	0.382	0.375	-----	-----	-----	-----	-----	-----	-----	0.375
66.90	0.000	297.91	0.382	0.375	-----	-----	-----	-----	-----	-----	-----	0.375
66.93	0.000	297.90	0.382	0.375	-----	-----	-----	-----	-----	-----	-----	0.375
66.97	0.000	297.90	0.382	0.375	-----	-----	-----	-----	-----	-----	-----	0.375
67.00	0.000	297.90	0.382	0.375	-----	-----	-----	-----	-----	-----	-----	0.375
67.03	0.000	297.90	0.382	0.375	-----	-----	-----	-----	-----	-----	-----	0.375
67.07	0.000	297.90	0.382	0.375	-----	-----	-----	-----	-----	-----	-----	0.375
67.10	0.000	297.90	0.382	0.374	-----	-----	-----	-----	-----	-----	-----	0.374
67.13	0.000	297.89	0.382	0.374	-----	-----	-----	-----	-----	-----	-----	0.374
67.17	0.000	297.89	0.382	0.374	-----	-----	-----	-----	-----	-----	-----	0.374
67.20	0.000	297.89	0.382	0.374	-----	-----	-----	-----	-----	-----	-----	0.374
67.23	0.000	297.89	0.382	0.374	-----	-----	-----	-----	-----	-----	-----	0.374
67.27	0.000	297.89	0.382	0.374	-----	-----	-----	-----	-----	-----	-----	0.374
67.30	0.000	297.89	0.382	0.374	-----	-----	-----	-----	-----	-----	-----	0.374
67.33	0.000	297.88	0.382	0.374	-----	-----	-----	-----	-----	-----	-----	0.374
67.37	0.000	297.88	0.382	0.373	-----	-----	-----	-----	-----	-----	-----	0.373
67.40	0.000	297.88	0.382	0.373	-----	-----	-----	-----	-----	-----	-----	0.373
67.43	0.000	297.88	0.382	0.373	-----	-----	-----	-----	-----	-----	-----	0.373
67.47	0.000	297.88	0.382	0.373	-----	-----	-----	-----	-----	-----	-----	0.373
67.50	0.000	297.88	0.382	0.373	-----	-----	-----	-----	-----	-----	-----	0.373
67.53	0.000	297.87	0.382	0.373	-----	-----	-----	-----	-----	-----	-----	0.373
67.57	0.000	297.87	0.382	0.373	-----	-----	-----	-----	-----	-----	-----	0.373
67.60	0.000	297.87	0.382	0.373	-----	-----	-----	-----	-----	-----	-----	0.373

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
67.63	0.000	297.87	0.382	0.372	-----	-----	-----	-----	-----	-----	-----	0.372
67.67	0.000	297.87	0.382	0.372	-----	-----	-----	-----	-----	-----	-----	0.372
67.70	0.000	297.87	0.382	0.372	-----	-----	-----	-----	-----	-----	-----	0.372
67.73	0.000	297.87	0.382	0.372	-----	-----	-----	-----	-----	-----	-----	0.372
67.77	0.000	297.86	0.382	0.372	-----	-----	-----	-----	-----	-----	-----	0.372
67.80	0.000	297.86	0.382	0.372	-----	-----	-----	-----	-----	-----	-----	0.372
67.83	0.000	297.86	0.382	0.372	-----	-----	-----	-----	-----	-----	-----	0.372
67.87	0.000	297.86	0.382	0.372	-----	-----	-----	-----	-----	-----	-----	0.372
67.90	0.000	297.86	0.382	0.371	-----	-----	-----	-----	-----	-----	-----	0.371
67.93	0.000	297.86	0.382	0.371	-----	-----	-----	-----	-----	-----	-----	0.371
67.97	0.000	297.85	0.382	0.371	-----	-----	-----	-----	-----	-----	-----	0.371
68.00	0.000	297.85	0.382	0.371	-----	-----	-----	-----	-----	-----	-----	0.371
68.03	0.000	297.85	0.382	0.371	-----	-----	-----	-----	-----	-----	-----	0.371
68.07	0.000	297.85	0.382	0.371	-----	-----	-----	-----	-----	-----	-----	0.371
68.10	0.000	297.85	0.382	0.371	-----	-----	-----	-----	-----	-----	-----	0.371
68.13	0.000	297.85	0.382	0.371	-----	-----	-----	-----	-----	-----	-----	0.371
68.17	0.000	297.84	0.382	0.371	-----	-----	-----	-----	-----	-----	-----	0.371
68.20	0.000	297.84	0.382	0.370	-----	-----	-----	-----	-----	-----	-----	0.370
68.23	0.000	297.84	0.382	0.370	-----	-----	-----	-----	-----	-----	-----	0.370
68.27	0.000	297.84	0.382	0.370	-----	-----	-----	-----	-----	-----	-----	0.370
68.30	0.000	297.84	0.382	0.370	-----	-----	-----	-----	-----	-----	-----	0.370
68.33	0.000	297.84	0.382	0.370	-----	-----	-----	-----	-----	-----	-----	0.370
68.37	0.000	297.83	0.382	0.370	-----	-----	-----	-----	-----	-----	-----	0.370
68.40	0.000	297.83	0.382	0.370	-----	-----	-----	-----	-----	-----	-----	0.370
68.43	0.000	297.83	0.382	0.370	-----	-----	-----	-----	-----	-----	-----	0.370
68.47	0.000	297.83	0.382	0.369	-----	-----	-----	-----	-----	-----	-----	0.369
68.50	0.000	297.83	0.382	0.369	-----	-----	-----	-----	-----	-----	-----	0.369
68.53	0.000	297.83	0.382	0.369	-----	-----	-----	-----	-----	-----	-----	0.369
68.57	0.000	297.82	0.382	0.369	-----	-----	-----	-----	-----	-----	-----	0.369
68.60	0.000	297.82	0.382	0.369	-----	-----	-----	-----	-----	-----	-----	0.369
68.63	0.000	297.82	0.382	0.369	-----	-----	-----	-----	-----	-----	-----	0.369
68.67	0.000	297.82	0.382	0.369	-----	-----	-----	-----	-----	-----	-----	0.369
68.70	0.000	297.82	0.382	0.369	-----	-----	-----	-----	-----	-----	-----	0.369
68.73	0.000	297.82	0.382	0.368	-----	-----	-----	-----	-----	-----	-----	0.368
68.77	0.000	297.81	0.382	0.368	-----	-----	-----	-----	-----	-----	-----	0.368
68.80	0.000	297.81	0.382	0.368	-----	-----	-----	-----	-----	-----	-----	0.368
68.83	0.000	297.81	0.382	0.368	-----	-----	-----	-----	-----	-----	-----	0.368
68.87	0.000	297.81	0.382	0.368	-----	-----	-----	-----	-----	-----	-----	0.368
68.90	0.000	297.81	0.382	0.368	-----	-----	-----	-----	-----	-----	-----	0.368
68.93	0.000	297.81	0.382	0.368	-----	-----	-----	-----	-----	-----	-----	0.368
68.97	0.000	297.80	0.382	0.368	-----	-----	-----	-----	-----	-----	-----	0.368
69.00	0.000	297.80	0.382	0.367	-----	-----	-----	-----	-----	-----	-----	0.367
69.03	0.000	297.80	0.382	0.367	-----	-----	-----	-----	-----	-----	-----	0.367
69.07	0.000	297.80	0.382	0.367	-----	-----	-----	-----	-----	-----	-----	0.367
69.10	0.000	297.80	0.381	0.367	-----	-----	-----	-----	-----	-----	-----	0.367
69.13	0.000	297.80	0.381	0.367	-----	-----	-----	-----	-----	-----	-----	0.367
69.17	0.000	297.79	0.381	0.367	-----	-----	-----	-----	-----	-----	-----	0.367
69.20	0.000	297.79	0.381	0.367	-----	-----	-----	-----	-----	-----	-----	0.367
69.23	0.000	297.79	0.381	0.367	-----	-----	-----	-----	-----	-----	-----	0.367
69.27	0.000	297.79	0.380	0.366	-----	-----	-----	-----	-----	-----	-----	0.366
69.30	0.000	297.79	0.380	0.366	-----	-----	-----	-----	-----	-----	-----	0.366
69.33	0.000	297.79	0.380	0.366	-----	-----	-----	-----	-----	-----	-----	0.366
69.37	0.000	297.79	0.380	0.366	-----	-----	-----	-----	-----	-----	-----	0.366
69.40	0.000	297.78	0.380	0.366	-----	-----	-----	-----	-----	-----	-----	0.366
69.43	0.000	297.78	0.379	0.366	-----	-----	-----	-----	-----	-----	-----	0.366
69.47	0.000	297.78	0.379	0.366	-----	-----	-----	-----	-----	-----	-----	0.366

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
69.50	0.000	297.78	0.379	0.366	-----	-----	-----	-----	-----	-----	-----	0.366
69.53	0.000	297.78	0.379	0.365	-----	-----	-----	-----	-----	-----	-----	0.365
69.57	0.000	297.78	0.379	0.365	-----	-----	-----	-----	-----	-----	-----	0.365
69.60	0.000	297.77	0.378	0.365	-----	-----	-----	-----	-----	-----	-----	0.365
69.63	0.000	297.77	0.378	0.365	-----	-----	-----	-----	-----	-----	-----	0.365
69.67	0.000	297.77	0.378	0.365	-----	-----	-----	-----	-----	-----	-----	0.365
69.70	0.000	297.77	0.378	0.365	-----	-----	-----	-----	-----	-----	-----	0.365
69.73	0.000	297.77	0.378	0.365	-----	-----	-----	-----	-----	-----	-----	0.365
69.77	0.000	297.77	0.377	0.365	-----	-----	-----	-----	-----	-----	-----	0.365
69.80	0.000	297.76	0.377	0.364	-----	-----	-----	-----	-----	-----	-----	0.364
69.83	0.000	297.76	0.377	0.364	-----	-----	-----	-----	-----	-----	-----	0.364
69.87	0.000	297.76	0.377	0.364	-----	-----	-----	-----	-----	-----	-----	0.364
69.90	0.000	297.76	0.377	0.364	-----	-----	-----	-----	-----	-----	-----	0.364
69.93	0.000	297.76	0.376	0.364	-----	-----	-----	-----	-----	-----	-----	0.364
69.97	0.000	297.76	0.376	0.364	-----	-----	-----	-----	-----	-----	-----	0.364
70.00	0.000	297.75	0.376	0.364	-----	-----	-----	-----	-----	-----	-----	0.364
70.03	0.000	297.75	0.376	0.364	-----	-----	-----	-----	-----	-----	-----	0.364
70.07	0.000	297.75	0.376	0.363	-----	-----	-----	-----	-----	-----	-----	0.363
70.10	0.000	297.75	0.375	0.363	-----	-----	-----	-----	-----	-----	-----	0.363
70.13	0.000	297.75	0.375	0.363	-----	-----	-----	-----	-----	-----	-----	0.363
70.17	0.000	297.75	0.375	0.363	-----	-----	-----	-----	-----	-----	-----	0.363
70.20	0.000	297.74	0.375	0.363	-----	-----	-----	-----	-----	-----	-----	0.363
70.23	0.000	297.74	0.375	0.363	-----	-----	-----	-----	-----	-----	-----	0.363
70.27	0.000	297.74	0.374	0.363	-----	-----	-----	-----	-----	-----	-----	0.363
70.30	0.000	297.74	0.374	0.363	-----	-----	-----	-----	-----	-----	-----	0.363
70.33	0.000	297.74	0.374	0.362	-----	-----	-----	-----	-----	-----	-----	0.362
70.37	0.000	297.74	0.374	0.362	-----	-----	-----	-----	-----	-----	-----	0.362
70.40	0.000	297.74	0.374	0.362	-----	-----	-----	-----	-----	-----	-----	0.362
70.43	0.000	297.73	0.373	0.362	-----	-----	-----	-----	-----	-----	-----	0.362
70.47	0.000	297.73	0.373	0.362	-----	-----	-----	-----	-----	-----	-----	0.362
70.50	0.000	297.73	0.373	0.362	-----	-----	-----	-----	-----	-----	-----	0.362
70.53	0.000	297.73	0.373	0.362	-----	-----	-----	-----	-----	-----	-----	0.362
70.57	0.000	297.73	0.373	0.362	-----	-----	-----	-----	-----	-----	-----	0.362
70.60	0.000	297.73	0.373	0.361	-----	-----	-----	-----	-----	-----	-----	0.361
70.63	0.000	297.72	0.372	0.361	-----	-----	-----	-----	-----	-----	-----	0.361
70.67	0.000	297.72	0.372	0.361	-----	-----	-----	-----	-----	-----	-----	0.361
70.70	0.000	297.72	0.372	0.361	-----	-----	-----	-----	-----	-----	-----	0.361
70.73	0.000	297.72	0.372	0.361	-----	-----	-----	-----	-----	-----	-----	0.361
70.77	0.000	297.72	0.372	0.361	-----	-----	-----	-----	-----	-----	-----	0.361
70.80	0.000	297.72	0.371	0.361	-----	-----	-----	-----	-----	-----	-----	0.361
70.83	0.000	297.71	0.371	0.361	-----	-----	-----	-----	-----	-----	-----	0.361
70.87	0.000	297.71	0.371	0.360	-----	-----	-----	-----	-----	-----	-----	0.360
70.90	0.000	297.71	0.371	0.360	-----	-----	-----	-----	-----	-----	-----	0.360
70.93	0.000	297.71	0.371	0.360	-----	-----	-----	-----	-----	-----	-----	0.360
70.97	0.000	297.71	0.370	0.360	-----	-----	-----	-----	-----	-----	-----	0.360
71.00	0.000	297.71	0.370	0.360	-----	-----	-----	-----	-----	-----	-----	0.360
71.03	0.000	297.70	0.370	0.360	-----	-----	-----	-----	-----	-----	-----	0.360
71.07	0.000	297.70	0.370	0.360	-----	-----	-----	-----	-----	-----	-----	0.360
71.10	0.000	297.70	0.370	0.360	-----	-----	-----	-----	-----	-----	-----	0.360
71.13	0.000	297.70	0.369	0.359	-----	-----	-----	-----	-----	-----	-----	0.359
71.17	0.000	297.70	0.369	0.359	-----	-----	-----	-----	-----	-----	-----	0.359
71.20	0.000	297.70	0.369	0.359	-----	-----	-----	-----	-----	-----	-----	0.359
71.23	0.000	297.70	0.369	0.359	-----	-----	-----	-----	-----	-----	-----	0.359
71.27	0.000	297.69	0.369	0.359	-----	-----	-----	-----	-----	-----	-----	0.359
71.30	0.000	297.69	0.368	0.359	-----	-----	-----	-----	-----	-----	-----	0.359
71.33	0.000	297.69	0.368	0.359	-----	-----	-----	-----	-----	-----	-----	0.359

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
71.37	0.000	297.69	0.368	0.359	-----	-----	-----	-----	-----	-----	-----	0.359
71.40	0.000	297.69	0.368	0.359	-----	-----	-----	-----	-----	-----	-----	0.359
71.43	0.000	297.69	0.368	0.358	-----	-----	-----	-----	-----	-----	-----	0.358
71.47	0.000	297.68	0.367	0.358	-----	-----	-----	-----	-----	-----	-----	0.358
71.50	0.000	297.68	0.367	0.358	-----	-----	-----	-----	-----	-----	-----	0.358
71.53	0.000	297.68	0.367	0.358	-----	-----	-----	-----	-----	-----	-----	0.358
71.57	0.000	297.68	0.367	0.358	-----	-----	-----	-----	-----	-----	-----	0.358
71.60	0.000	297.68	0.367	0.358	-----	-----	-----	-----	-----	-----	-----	0.358
71.63	0.000	297.68	0.367	0.358	-----	-----	-----	-----	-----	-----	-----	0.358
71.67	0.000	297.67	0.366	0.358	-----	-----	-----	-----	-----	-----	-----	0.358
71.70	0.000	297.67	0.366	0.357	-----	-----	-----	-----	-----	-----	-----	0.357
71.73	0.000	297.67	0.366	0.357	-----	-----	-----	-----	-----	-----	-----	0.357
71.77	0.000	297.67	0.366	0.357	-----	-----	-----	-----	-----	-----	-----	0.357
71.80	0.000	297.67	0.366	0.357	-----	-----	-----	-----	-----	-----	-----	0.357
71.83	0.000	297.67	0.365	0.357	-----	-----	-----	-----	-----	-----	-----	0.357
71.87	0.000	297.67	0.365	0.357	-----	-----	-----	-----	-----	-----	-----	0.357
71.90	0.000	297.66	0.365	0.357	-----	-----	-----	-----	-----	-----	-----	0.357
71.93	0.000	297.66	0.365	0.357	-----	-----	-----	-----	-----	-----	-----	0.357
71.97	0.000	297.66	0.365	0.356	-----	-----	-----	-----	-----	-----	-----	0.356
72.00	0.000	297.66	0.364	0.356	-----	-----	-----	-----	-----	-----	-----	0.356
72.03	0.000	297.66	0.364	0.356	-----	-----	-----	-----	-----	-----	-----	0.356
72.07	0.000	297.66	0.364	0.356	-----	-----	-----	-----	-----	-----	-----	0.356
72.10	0.000	297.65	0.364	0.356	-----	-----	-----	-----	-----	-----	-----	0.356
72.13	0.000	297.65	0.364	0.356	-----	-----	-----	-----	-----	-----	-----	0.356
72.17	0.000	297.65	0.363	0.356	-----	-----	-----	-----	-----	-----	-----	0.356
72.20	0.000	297.65	0.363	0.356	-----	-----	-----	-----	-----	-----	-----	0.356
72.23	0.000	297.65	0.363	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
72.27	0.000	297.65	0.363	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
72.30	0.000	297.64	0.363	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
72.33	0.000	297.64	0.363	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
72.37	0.000	297.64	0.362	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
72.40	0.000	297.64	0.362	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
72.43	0.000	297.64	0.362	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
72.47	0.000	297.64	0.362	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
72.50	0.000	297.64	0.362	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
72.53	0.000	297.63	0.361	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
72.57	0.000	297.63	0.361	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
72.60	0.000	297.63	0.361	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
72.63	0.000	297.63	0.361	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
72.67	0.000	297.63	0.361	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
72.70	0.000	297.63	0.360	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
72.73	0.000	297.62	0.360	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
72.77	0.000	297.62	0.360	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
72.80	0.000	297.62	0.360	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
72.83	0.000	297.62	0.360	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
72.87	0.000	297.62	0.359	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
72.90	0.000	297.62	0.359	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
72.93	0.000	297.62	0.359	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
72.97	0.000	297.61	0.359	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
73.00	0.000	297.61	0.359	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
73.03	0.000	297.61	0.359	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
73.07	0.000	297.61	0.358	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
73.10	0.000	297.61	0.358	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
73.13	0.000	297.61	0.358	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
73.17	0.000	297.60	0.358	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
73.20	0.000	297.60	0.358	0.352	-----	-----	-----	-----	-----	-----	-----	0.352

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
73.23	0.000	297.60	0.357	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
73.27	0.000	297.60	0.357	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
73.30	0.000	297.60	0.357	0.352	-----	-----	-----	-----	-----	-----	-----	0.352
73.33	0.000	297.60	0.357	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
73.37	0.000	297.59	0.357	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
73.40	0.000	297.59	0.357	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
73.43	0.000	297.59	0.356	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
73.47	0.000	297.59	0.356	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
73.50	0.000	297.59	0.356	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
73.53	0.000	297.59	0.356	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
73.57	0.000	297.59	0.356	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
73.60	0.000	297.58	0.356	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
73.63	0.000	297.58	0.355	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
73.67	0.000	297.58	0.355	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
73.70	0.000	297.58	0.355	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
73.73	0.000	297.58	0.355	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
73.77	0.000	297.58	0.355	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
73.80	0.000	297.57	0.355	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
73.83	0.000	297.57	0.354	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
73.87	0.000	297.57	0.354	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
73.90	0.000	297.57	0.354	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
73.93	0.000	297.57	0.354	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
73.97	0.000	297.57	0.354	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
74.00	0.000	297.57	0.354	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
74.03	0.000	297.56	0.353	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
74.07	0.000	297.56	0.353	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
74.10	0.000	297.56	0.353	0.349	-----	-----	-----	-----	-----	-----	-----	0.349
74.13	0.000	297.56	0.353	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
74.17	0.000	297.56	0.353	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
74.20	0.000	297.56	0.352	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
74.23	0.000	297.55	0.352	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
74.27	0.000	297.55	0.352	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
74.30	0.000	297.55	0.352	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
74.33	0.000	297.55	0.352	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
74.37	0.000	297.55	0.352	0.348	-----	-----	-----	-----	-----	-----	-----	0.348
74.40	0.000	297.55	0.351	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
74.43	0.000	297.55	0.351	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
74.47	0.000	297.54	0.351	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
74.50	0.000	297.54	0.351	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
74.53	0.000	297.54	0.351	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
74.57	0.000	297.54	0.351	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
74.60	0.000	297.54	0.350	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
74.63	0.000	297.54	0.350	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
74.67	0.000	297.53	0.350	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
74.70	0.000	297.53	0.350	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
74.73	0.000	297.53	0.350	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
74.77	0.000	297.53	0.350	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
74.80	0.000	297.53	0.349	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
74.83	0.000	297.53	0.349	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
74.87	0.000	297.53	0.349	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
74.90	0.000	297.52	0.349	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
74.93	0.000	297.52	0.349	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
74.97	0.000	297.52	0.349	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
75.00	0.000	297.52	0.348	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
75.03	0.000	297.52	0.348	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
75.07	0.000	297.52	0.348	0.345	-----	-----	-----	-----	-----	-----	-----	0.345

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
75.10	0.000	297.51	0.348	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
75.13	0.000	297.51	0.348	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
75.17	0.000	297.51	0.348	0.345	-----	-----	-----	-----	-----	-----	-----	0.345
75.20	0.000	297.51	0.347	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
75.23	0.000	297.51	0.347	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
75.27	0.000	297.51	0.347	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
75.30	0.000	297.51	0.347	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
75.33	0.000	297.50	0.347	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
75.37	0.000	297.50	0.347	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
75.40	0.000	297.50	0.346	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
75.43	0.000	297.50	0.346	0.344	-----	-----	-----	-----	-----	-----	-----	0.344
75.47	0.000	297.50	0.346	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
75.50	0.000	297.50	0.346	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
75.53	0.000	297.50	0.346	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
75.57	0.000	297.49	0.346	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
75.60	0.000	297.49	0.345	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
75.63	0.000	297.49	0.345	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
75.67	0.000	297.49	0.345	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
75.70	0.000	297.49	0.345	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
75.73	0.000	297.49	0.345	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
75.77	0.000	297.48	0.345	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
75.80	0.000	297.48	0.345	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
75.83	0.000	297.48	0.344	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
75.87	0.000	297.48	0.344	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
75.90	0.000	297.48	0.344	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
75.93	0.000	297.48	0.344	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
75.97	0.000	297.48	0.344	0.342	-----	-----	-----	-----	-----	-----	-----	0.342
76.00	0.000	297.47	0.344	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
76.03	0.000	297.47	0.343	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
76.07	0.000	297.47	0.343	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
76.10	0.000	297.47	0.343	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
76.13	0.000	297.47	0.343	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
76.17	0.000	297.47	0.343	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
76.20	0.000	297.46	0.343	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
76.23	0.000	297.46	0.342	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
76.27	0.000	297.46	0.342	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
76.30	0.000	297.46	0.342	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
76.33	0.000	297.46	0.342	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
76.37	0.000	297.46	0.342	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
76.40	0.000	297.46	0.342	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
76.43	0.000	297.45	0.341	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
76.47	0.000	297.45	0.341	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
76.50	0.000	297.45	0.341	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
76.53	0.000	297.45	0.341	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
76.57	0.000	297.45	0.341	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
76.60	0.000	297.45	0.341	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
76.63	0.000	297.45	0.340	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
76.67	0.000	297.44	0.340	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
76.70	0.000	297.44	0.340	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
76.73	0.000	297.44	0.340	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
76.77	0.000	297.44	0.340	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
76.80	0.000	297.44	0.340	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
76.83	0.000	297.44	0.339	0.338	-----	-----	-----	-----	-----	-----	-----	0.338
76.87	0.000	297.43	0.339	0.338	-----	-----	-----	-----	-----	-----	-----	0.338
76.90	0.000	297.43	0.339	0.338	-----	-----	-----	-----	-----	-----	-----	0.338
76.93	0.000	297.43	0.339	0.338	-----	-----	-----	-----	-----	-----	-----	0.338

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
76.97	0.000	297.43	0.339	0.338	-----	-----	-----	-----	-----	-----	-----	0.338
77.00	0.000	297.43	0.339	0.338	-----	-----	-----	-----	-----	-----	-----	0.338
77.03	0.000	297.43	0.338	0.338	-----	-----	-----	-----	-----	-----	-----	0.338
77.07	0.000	297.43	0.338	0.338	-----	-----	-----	-----	-----	-----	-----	0.338
77.10	0.000	297.42	0.338	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
77.13	0.000	297.42	0.338	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
77.17	0.000	297.42	0.338	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
77.20	0.000	297.42	0.338	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
77.23	0.000	297.42	0.337	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
77.27	0.000	297.42	0.337	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
77.30	0.000	297.42	0.337	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
77.33	0.000	297.41	0.337	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
77.37	0.000	297.41	0.337	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
77.40	0.000	297.41	0.337	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
77.43	0.000	297.41	0.336	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
77.47	0.000	297.41	0.336	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
77.50	0.000	297.41	0.336	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
77.53	0.000	297.40	0.336	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
77.57	0.000	297.40	0.336	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
77.60	0.000	297.40	0.336	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
77.63	0.000	297.40	0.336	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
77.67	0.000	297.40	0.335	0.335	-----	-----	-----	-----	-----	-----	-----	0.335
77.70	0.000	297.40	0.335	0.335	-----	-----	-----	-----	-----	-----	-----	0.335
77.73	0.000	297.40	0.335	0.335	-----	-----	-----	-----	-----	-----	-----	0.335
77.77	0.000	297.39	0.335	0.335	-----	-----	-----	-----	-----	-----	-----	0.335
77.80	0.000	297.39	0.335	0.335	-----	-----	-----	-----	-----	-----	-----	0.335
77.83	0.000	297.39	0.335	0.335	-----	-----	-----	-----	-----	-----	-----	0.335
77.87	0.000	297.39	0.335	0.335	-----	-----	-----	-----	-----	-----	-----	0.335
77.90	0.000	297.39	0.335	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
77.93	0.000	297.39	0.335	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
77.97	0.000	297.39	0.335	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
78.00	0.000	297.38	0.335	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
78.03	0.000	297.38	0.335	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
78.07	0.000	297.38	0.335	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
78.10	0.000	297.38	0.335	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
78.13	0.000	297.38	0.335	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
78.17	0.000	297.38	0.335	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
78.20	0.000	297.38	0.335	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
78.23	0.000	297.37	0.335	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
78.27	0.000	297.37	0.335	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
78.30	0.000	297.37	0.335	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
78.33	0.000	297.37	0.335	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
78.37	0.000	297.37	0.335	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
78.40	0.000	297.37	0.335	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
78.43	0.000	297.37	0.335	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
78.47	0.000	297.36	0.335	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
78.50	0.000	297.36	0.335	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
78.53	0.000	297.36	0.335	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
78.57	0.000	297.36	0.335	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
78.60	0.000	297.36	0.335	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
78.63	0.000	297.36	0.335	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
78.67	0.000	297.35	0.335	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
78.70	0.000	297.35	0.335	0.331	-----	-----	-----	-----	-----	-----	-----	0.331
78.73	0.000	297.35	0.335	0.331	-----	-----	-----	-----	-----	-----	-----	0.331
78.77	0.000	297.35	0.335	0.331	-----	-----	-----	-----	-----	-----	-----	0.331
78.80	0.000	297.35	0.335	0.331	-----	-----	-----	-----	-----	-----	-----	0.331

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
78.83	0.000	297.35	0.335	0.331	-----	-----	-----	-----	-----	-----	-----	0.331
78.87	0.000	297.35	0.335	0.331	-----	-----	-----	-----	-----	-----	-----	0.331
78.90	0.000	297.34	0.335	0.331	-----	-----	-----	-----	-----	-----	-----	0.331
78.93	0.000	297.34	0.335	0.331	-----	-----	-----	-----	-----	-----	-----	0.331
78.97	0.000	297.34	0.335	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
79.00	0.000	297.34	0.335	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
79.03	0.000	297.34	0.335	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
79.07	0.000	297.34	0.335	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
79.10	0.000	297.34	0.335	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
79.13	0.000	297.33	0.335	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
79.17	0.000	297.33	0.335	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
79.20	0.000	297.33	0.335	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
79.23	0.000	297.33	0.335	0.329	-----	-----	-----	-----	-----	-----	-----	0.329
79.27	0.000	297.33	0.335	0.329	-----	-----	-----	-----	-----	-----	-----	0.329
79.30	0.000	297.33	0.335	0.329	-----	-----	-----	-----	-----	-----	-----	0.329
79.33	0.000	297.33	0.335	0.329	-----	-----	-----	-----	-----	-----	-----	0.329
79.37	0.000	297.32	0.335	0.329	-----	-----	-----	-----	-----	-----	-----	0.329
79.40	0.000	297.32	0.335	0.329	-----	-----	-----	-----	-----	-----	-----	0.329
79.43	0.000	297.32	0.335	0.329	-----	-----	-----	-----	-----	-----	-----	0.329
79.47	0.000	297.32	0.335	0.329	-----	-----	-----	-----	-----	-----	-----	0.329
79.50	0.000	297.32	0.335	0.328	-----	-----	-----	-----	-----	-----	-----	0.328
79.53	0.000	297.32	0.335	0.328	-----	-----	-----	-----	-----	-----	-----	0.328
79.57	0.000	297.32	0.335	0.328	-----	-----	-----	-----	-----	-----	-----	0.328
79.60	0.000	297.31	0.335	0.328	-----	-----	-----	-----	-----	-----	-----	0.328
79.63	0.000	297.31	0.335	0.328	-----	-----	-----	-----	-----	-----	-----	0.328
79.67	0.000	297.31	0.335	0.328	-----	-----	-----	-----	-----	-----	-----	0.328
79.70	0.000	297.31	0.335	0.328	-----	-----	-----	-----	-----	-----	-----	0.328
79.73	0.000	297.31	0.335	0.328	-----	-----	-----	-----	-----	-----	-----	0.328
79.77	0.000	297.31	0.335	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
79.80	0.000	297.31	0.335	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
79.83	0.000	297.30	0.335	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
79.87	0.000	297.30	0.335	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
79.90	0.000	297.30	0.335	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
79.93	0.000	297.30	0.335	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
79.97	0.000	297.30	0.335	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
80.00	0.000	297.30	0.335	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
80.03	0.000	297.30	0.335	0.327	-----	-----	-----	-----	-----	-----	-----	0.327
80.07	0.000	297.29	0.335	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
80.10	0.000	297.29	0.335	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
80.13	0.000	297.29	0.335	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
80.17	0.000	297.29	0.335	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
80.20	0.000	297.29	0.335	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
80.23	0.000	297.29	0.335	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
80.27	0.000	297.29	0.335	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
80.30	0.000	297.28	0.335	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
80.33	0.000	297.28	0.335	0.325	-----	-----	-----	-----	-----	-----	-----	0.325
80.37	0.000	297.28	0.335	0.325	-----	-----	-----	-----	-----	-----	-----	0.325
80.40	0.000	297.28	0.335	0.325	-----	-----	-----	-----	-----	-----	-----	0.325
80.43	0.000	297.28	0.335	0.325	-----	-----	-----	-----	-----	-----	-----	0.325
80.47	0.000	297.28	0.335	0.325	-----	-----	-----	-----	-----	-----	-----	0.325
80.50	0.000	297.28	0.335	0.325	-----	-----	-----	-----	-----	-----	-----	0.325
80.53	0.000	297.27	0.335	0.325	-----	-----	-----	-----	-----	-----	-----	0.325
80.57	0.000	297.27	0.335	0.325	-----	-----	-----	-----	-----	-----	-----	0.325
80.60	0.000	297.27	0.335	0.324	-----	-----	-----	-----	-----	-----	-----	0.324
80.63	0.000	297.27	0.335	0.324	-----	-----	-----	-----	-----	-----	-----	0.324
80.67	0.000	297.27	0.335	0.324	-----	-----	-----	-----	-----	-----	-----	0.324

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
80.70	0.000	297.27	0.335	0.324	-----	-----	-----	-----	-----	-----	-----	0.324
80.73	0.000	297.26	0.335	0.324	-----	-----	-----	-----	-----	-----	-----	0.324
80.77	0.000	297.26	0.334	0.324	-----	-----	-----	-----	-----	-----	-----	0.324
80.80	0.000	297.26	0.334	0.324	-----	-----	-----	-----	-----	-----	-----	0.324
80.83	0.000	297.26	0.334	0.324	-----	-----	-----	-----	-----	-----	-----	0.324
80.87	0.000	297.26	0.334	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
80.90	0.000	297.26	0.334	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
80.93	0.000	297.26	0.334	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
80.97	0.000	297.25	0.334	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
81.00	0.000	297.25	0.334	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
81.03	0.000	297.25	0.334	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
81.07	0.000	297.25	0.334	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
81.10	0.000	297.25	0.334	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
81.13	0.000	297.25	0.334	0.322	-----	-----	-----	-----	-----	-----	-----	0.322
81.17	0.000	297.25	0.334	0.322	-----	-----	-----	-----	-----	-----	-----	0.322
81.20	0.000	297.24	0.334	0.322	-----	-----	-----	-----	-----	-----	-----	0.322
81.23	0.000	297.24	0.334	0.322	-----	-----	-----	-----	-----	-----	-----	0.322
81.27	0.000	297.24	0.334	0.322	-----	-----	-----	-----	-----	-----	-----	0.322
81.30	0.000	297.24	0.334	0.322	-----	-----	-----	-----	-----	-----	-----	0.322
81.33	0.000	297.24	0.334	0.322	-----	-----	-----	-----	-----	-----	-----	0.322
81.37	0.000	297.24	0.334	0.322	-----	-----	-----	-----	-----	-----	-----	0.322
81.40	0.000	297.24	0.334	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
81.43	0.000	297.24	0.334	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
81.47	0.000	297.23	0.334	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
81.50	0.000	297.23	0.334	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
81.53	0.000	297.23	0.334	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
81.57	0.000	297.23	0.334	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
81.60	0.000	297.23	0.334	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
81.63	0.000	297.23	0.334	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
81.67	0.000	297.23	0.334	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
81.70	0.000	297.22	0.334	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
81.73	0.000	297.22	0.334	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
81.77	0.000	297.22	0.334	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
81.80	0.000	297.22	0.334	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
81.83	0.000	297.22	0.334	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
81.87	0.000	297.22	0.334	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
81.90	0.000	297.22	0.334	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
81.93	0.000	297.21	0.334	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
81.97	0.000	297.21	0.334	0.319	-----	-----	-----	-----	-----	-----	-----	0.319
82.00	0.000	297.21	0.334	0.319	-----	-----	-----	-----	-----	-----	-----	0.319
82.03	0.000	297.21	0.334	0.319	-----	-----	-----	-----	-----	-----	-----	0.319
82.07	0.000	297.21	0.334	0.319	-----	-----	-----	-----	-----	-----	-----	0.319
82.10	0.000	297.21	0.334	0.319	-----	-----	-----	-----	-----	-----	-----	0.319
82.13	0.000	297.21	0.334	0.319	-----	-----	-----	-----	-----	-----	-----	0.319
82.17	0.000	297.20	0.334	0.319	-----	-----	-----	-----	-----	-----	-----	0.319
82.20	0.000	297.20	0.334	0.319	-----	-----	-----	-----	-----	-----	-----	0.319
82.23	0.000	297.20	0.334	0.318	-----	-----	-----	-----	-----	-----	-----	0.318
82.27	0.000	297.20	0.334	0.318	-----	-----	-----	-----	-----	-----	-----	0.318
82.30	0.000	297.20	0.334	0.318	-----	-----	-----	-----	-----	-----	-----	0.318
82.33	0.000	297.20	0.334	0.318	-----	-----	-----	-----	-----	-----	-----	0.318
82.37	0.000	297.20	0.334	0.318	-----	-----	-----	-----	-----	-----	-----	0.318
82.40	0.000	297.19	0.333	0.318	-----	-----	-----	-----	-----	-----	-----	0.318
82.43	0.000	297.19	0.333	0.318	-----	-----	-----	-----	-----	-----	-----	0.318
82.47	0.000	297.19	0.333	0.318	-----	-----	-----	-----	-----	-----	-----	0.318
82.50	0.000	297.19	0.333	0.317	-----	-----	-----	-----	-----	-----	-----	0.317
82.53	0.000	297.19	0.333	0.317	-----	-----	-----	-----	-----	-----	-----	0.317

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
82.57	0.000	297.19	0.333	0.317	-----	-----	-----	-----	-----	-----	-----	0.317
82.60	0.000	297.19	0.332	0.317	-----	-----	-----	-----	-----	-----	-----	0.317
82.63	0.000	297.18	0.332	0.317	-----	-----	-----	-----	-----	-----	-----	0.317
82.67	0.000	297.18	0.332	0.317	-----	-----	-----	-----	-----	-----	-----	0.317
82.70	0.000	297.18	0.332	0.317	-----	-----	-----	-----	-----	-----	-----	0.317
82.73	0.000	297.18	0.332	0.317	-----	-----	-----	-----	-----	-----	-----	0.317
82.77	0.000	297.18	0.332	0.316	-----	-----	-----	-----	-----	-----	-----	0.316
82.80	0.000	297.18	0.331	0.316	-----	-----	-----	-----	-----	-----	-----	0.316
82.83	0.000	297.18	0.331	0.316	-----	-----	-----	-----	-----	-----	-----	0.316
82.87	0.000	297.17	0.331	0.316	-----	-----	-----	-----	-----	-----	-----	0.316
82.90	0.000	297.17	0.331	0.316	-----	-----	-----	-----	-----	-----	-----	0.316
82.93	0.000	297.17	0.331	0.316	-----	-----	-----	-----	-----	-----	-----	0.316
82.97	0.000	297.17	0.331	0.316	-----	-----	-----	-----	-----	-----	-----	0.316
83.00	0.000	297.17	0.331	0.316	-----	-----	-----	-----	-----	-----	-----	0.316
83.03	0.000	297.17	0.330	0.315	-----	-----	-----	-----	-----	-----	-----	0.315
83.07	0.000	297.17	0.330	0.315	-----	-----	-----	-----	-----	-----	-----	0.315
83.10	0.000	297.16	0.330	0.315	-----	-----	-----	-----	-----	-----	-----	0.315
83.13	0.000	297.16	0.330	0.315	-----	-----	-----	-----	-----	-----	-----	0.315
83.17	0.000	297.16	0.330	0.315	-----	-----	-----	-----	-----	-----	-----	0.315
83.20	0.000	297.16	0.330	0.315	-----	-----	-----	-----	-----	-----	-----	0.315
83.23	0.000	297.16	0.329	0.315	-----	-----	-----	-----	-----	-----	-----	0.315
83.27	0.000	297.16	0.329	0.315	-----	-----	-----	-----	-----	-----	-----	0.315
83.30	0.000	297.16	0.329	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
83.33	0.000	297.15	0.329	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
83.37	0.000	297.15	0.329	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
83.40	0.000	297.15	0.329	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
83.43	0.000	297.15	0.329	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
83.47	0.000	297.15	0.328	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
83.50	0.000	297.15	0.328	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
83.53	0.000	297.15	0.328	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
83.57	0.000	297.15	0.328	0.313	-----	-----	-----	-----	-----	-----	-----	0.313
83.60	0.000	297.14	0.328	0.313	-----	-----	-----	-----	-----	-----	-----	0.313
83.63	0.000	297.14	0.328	0.313	-----	-----	-----	-----	-----	-----	-----	0.313
83.67	0.000	297.14	0.327	0.313	-----	-----	-----	-----	-----	-----	-----	0.313
83.70	0.000	297.14	0.327	0.313	-----	-----	-----	-----	-----	-----	-----	0.313
83.73	0.000	297.14	0.327	0.313	-----	-----	-----	-----	-----	-----	-----	0.313
83.77	0.000	297.14	0.327	0.313	-----	-----	-----	-----	-----	-----	-----	0.313
83.80	0.000	297.14	0.327	0.313	-----	-----	-----	-----	-----	-----	-----	0.313
83.83	0.000	297.13	0.327	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
83.87	0.000	297.13	0.327	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
83.90	0.000	297.13	0.326	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
83.93	0.000	297.13	0.326	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
83.97	0.000	297.13	0.326	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
84.00	0.000	297.13	0.326	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
84.03	0.000	297.13	0.326	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
84.07	0.000	297.12	0.326	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
84.10	0.000	297.12	0.325	0.311	-----	-----	-----	-----	-----	-----	-----	0.311
84.13	0.000	297.12	0.325	0.311	-----	-----	-----	-----	-----	-----	-----	0.311
84.17	0.000	297.12	0.325	0.311	-----	-----	-----	-----	-----	-----	-----	0.311
84.20	0.000	297.12	0.325	0.311	-----	-----	-----	-----	-----	-----	-----	0.311
84.23	0.000	297.12	0.325	0.311	-----	-----	-----	-----	-----	-----	-----	0.311
84.27	0.000	297.12	0.325	0.311	-----	-----	-----	-----	-----	-----	-----	0.311
84.30	0.000	297.11	0.325	0.311	-----	-----	-----	-----	-----	-----	-----	0.311
84.33	0.000	297.11	0.324	0.311	-----	-----	-----	-----	-----	-----	-----	0.311
84.37	0.000	297.11	0.324	0.310	-----	-----	-----	-----	-----	-----	-----	0.310
84.40	0.000	297.11	0.324	0.310	-----	-----	-----	-----	-----	-----	-----	0.310

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
84.43	0.000	297.11	0.324	0.310	-----	-----	-----	-----	-----	-----	-----	0.310
84.47	0.000	297.11	0.324	0.310	-----	-----	-----	-----	-----	-----	-----	0.310
84.50	0.000	297.11	0.324	0.310	-----	-----	-----	-----	-----	-----	-----	0.310
84.53	0.000	297.11	0.324	0.310	-----	-----	-----	-----	-----	-----	-----	0.310
84.57	0.000	297.10	0.323	0.310	-----	-----	-----	-----	-----	-----	-----	0.310
84.60	0.000	297.10	0.323	0.310	-----	-----	-----	-----	-----	-----	-----	0.310
84.63	0.000	297.10	0.323	0.309	-----	-----	-----	-----	-----	-----	-----	0.309
84.67	0.000	297.10	0.323	0.309	-----	-----	-----	-----	-----	-----	-----	0.309
84.70	0.000	297.10	0.323	0.309	-----	-----	-----	-----	-----	-----	-----	0.309
84.73	0.000	297.10	0.323	0.309	-----	-----	-----	-----	-----	-----	-----	0.309
84.77	0.000	297.10	0.322	0.309	-----	-----	-----	-----	-----	-----	-----	0.309
84.80	0.000	297.09	0.322	0.309	-----	-----	-----	-----	-----	-----	-----	0.309
84.83	0.000	297.09	0.322	0.309	-----	-----	-----	-----	-----	-----	-----	0.309
84.87	0.000	297.09	0.322	0.309	-----	-----	-----	-----	-----	-----	-----	0.309
84.90	0.000	297.09	0.322	0.308	-----	-----	-----	-----	-----	-----	-----	0.308
84.93	0.000	297.09	0.322	0.308	-----	-----	-----	-----	-----	-----	-----	0.308
84.97	0.000	297.09	0.322	0.308	-----	-----	-----	-----	-----	-----	-----	0.308
85.00	0.000	297.09	0.321	0.308	-----	-----	-----	-----	-----	-----	-----	0.308
85.03	0.000	297.08	0.321	0.308	-----	-----	-----	-----	-----	-----	-----	0.308
85.07	0.000	297.08	0.321	0.308	-----	-----	-----	-----	-----	-----	-----	0.308
85.10	0.000	297.08	0.321	0.308	-----	-----	-----	-----	-----	-----	-----	0.308
85.13	0.000	297.08	0.321	0.308	-----	-----	-----	-----	-----	-----	-----	0.308
85.17	0.000	297.08	0.321	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
85.20	0.000	297.08	0.320	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
85.23	0.000	297.08	0.320	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
85.27	0.000	297.08	0.320	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
85.30	0.000	297.07	0.320	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
85.33	0.000	297.07	0.320	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
85.37	0.000	297.07	0.320	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
85.40	0.000	297.07	0.320	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
85.43	0.000	297.07	0.319	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
85.47	0.000	297.07	0.319	0.306	-----	-----	-----	-----	-----	-----	-----	0.306
85.50	0.000	297.07	0.319	0.306	-----	-----	-----	-----	-----	-----	-----	0.306
85.53	0.000	297.06	0.319	0.306	-----	-----	-----	-----	-----	-----	-----	0.306
85.57	0.000	297.06	0.319	0.306	-----	-----	-----	-----	-----	-----	-----	0.306
85.60	0.000	297.06	0.319	0.306	-----	-----	-----	-----	-----	-----	-----	0.306
85.63	0.000	297.06	0.319	0.306	-----	-----	-----	-----	-----	-----	-----	0.306
85.67	0.000	297.06	0.318	0.306	-----	-----	-----	-----	-----	-----	-----	0.306
85.70	0.000	297.06	0.318	0.306	-----	-----	-----	-----	-----	-----	-----	0.306
85.73	0.000	297.06	0.318	0.305	-----	-----	-----	-----	-----	-----	-----	0.305
85.77	0.000	297.05	0.318	0.305	-----	-----	-----	-----	-----	-----	-----	0.305
85.80	0.000	297.05	0.318	0.305	-----	-----	-----	-----	-----	-----	-----	0.305
85.83	0.000	297.05	0.318	0.305	-----	-----	-----	-----	-----	-----	-----	0.305
85.87	0.000	297.05	0.317	0.305	-----	-----	-----	-----	-----	-----	-----	0.305
85.90	0.000	297.05	0.317	0.305	-----	-----	-----	-----	-----	-----	-----	0.305
85.93	0.000	297.05	0.317	0.305	-----	-----	-----	-----	-----	-----	-----	0.305
85.97	0.000	297.05	0.317	0.305	-----	-----	-----	-----	-----	-----	-----	0.305
86.00	0.000	297.05	0.317	0.304	-----	-----	-----	-----	-----	-----	-----	0.304
86.03	0.000	297.04	0.317	0.304	-----	-----	-----	-----	-----	-----	-----	0.304
86.07	0.000	297.04	0.317	0.304	-----	-----	-----	-----	-----	-----	-----	0.304
86.10	0.000	297.04	0.316	0.304	-----	-----	-----	-----	-----	-----	-----	0.304
86.13	0.000	297.04	0.316	0.304	-----	-----	-----	-----	-----	-----	-----	0.304
86.17	0.000	297.04	0.316	0.304	-----	-----	-----	-----	-----	-----	-----	0.304
86.20	0.000	297.04	0.316	0.304	-----	-----	-----	-----	-----	-----	-----	0.304
86.23	0.000	297.04	0.316	0.304	-----	-----	-----	-----	-----	-----	-----	0.304
86.27	0.000	297.03	0.316	0.303	-----	-----	-----	-----	-----	-----	-----	0.303

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
86.30	0.000	297.03	0.316	0.303	-----	-----	-----	-----	-----	-----	-----	0.303
86.33	0.000	297.03	0.315	0.303	-----	-----	-----	-----	-----	-----	-----	0.303
86.37	0.000	297.03	0.315	0.303	-----	-----	-----	-----	-----	-----	-----	0.303
86.40	0.000	297.03	0.315	0.303	-----	-----	-----	-----	-----	-----	-----	0.303
86.43	0.000	297.03	0.315	0.303	-----	-----	-----	-----	-----	-----	-----	0.303
86.47	0.000	297.03	0.315	0.303	-----	-----	-----	-----	-----	-----	-----	0.303
86.50	0.000	297.03	0.315	0.303	-----	-----	-----	-----	-----	-----	-----	0.303
86.53	0.000	297.02	0.314	0.302	-----	-----	-----	-----	-----	-----	-----	0.302
86.57	0.000	297.02	0.314	0.302	-----	-----	-----	-----	-----	-----	-----	0.302
86.60	0.000	297.02	0.314	0.302	-----	-----	-----	-----	-----	-----	-----	0.302
86.63	0.000	297.02	0.314	0.302	-----	-----	-----	-----	-----	-----	-----	0.302
86.67	0.000	297.02	0.314	0.302	-----	-----	-----	-----	-----	-----	-----	0.302
86.70	0.000	297.02	0.314	0.302	-----	-----	-----	-----	-----	-----	-----	0.302
86.73	0.000	297.02	0.314	0.302	-----	-----	-----	-----	-----	-----	-----	0.302
86.77	0.000	297.01	0.313	0.302	-----	-----	-----	-----	-----	-----	-----	0.302
86.80	0.000	297.01	0.313	0.302	-----	-----	-----	-----	-----	-----	-----	0.302
86.83	0.000	297.01	0.313	0.301	-----	-----	-----	-----	-----	-----	-----	0.301
86.87	0.000	297.01	0.313	0.301	-----	-----	-----	-----	-----	-----	-----	0.301
86.90	0.000	297.01	0.313	0.301	-----	-----	-----	-----	-----	-----	-----	0.301
86.93	0.000	297.01	0.313	0.301	-----	-----	-----	-----	-----	-----	-----	0.301
86.97	0.000	297.01	0.313	0.301	-----	-----	-----	-----	-----	-----	-----	0.301
87.00	0.000	297.01	0.312	0.301	-----	-----	-----	-----	-----	-----	-----	0.301
87.03	0.000	297.00	0.312	0.301	-----	-----	-----	-----	-----	-----	-----	0.301
87.07	0.000	297.00	0.312	0.301	-----	-----	-----	-----	-----	-----	-----	0.301
87.10	0.000	297.00	0.312	0.300	-----	-----	-----	-----	-----	-----	-----	0.300
87.13	0.000	297.00	0.312	0.300	-----	-----	-----	-----	-----	-----	-----	0.300
87.17	0.000	297.00	0.312	0.300	-----	-----	-----	-----	-----	-----	-----	0.300
87.20	0.000	297.00	0.312	0.300	-----	-----	-----	-----	-----	-----	-----	0.300
87.23	0.000	297.00	0.311	0.300	-----	-----	-----	-----	-----	-----	-----	0.300
87.27	0.000	296.99	0.311	0.300	-----	-----	-----	-----	-----	-----	-----	0.300
87.30	0.000	296.99	0.311	0.300	-----	-----	-----	-----	-----	-----	-----	0.300
87.33	0.000	296.99	0.311	0.300	-----	-----	-----	-----	-----	-----	-----	0.300
87.37	0.000	296.99	0.311	0.299	-----	-----	-----	-----	-----	-----	-----	0.299
87.40	0.000	296.99	0.311	0.299	-----	-----	-----	-----	-----	-----	-----	0.299
87.43	0.000	296.99	0.311	0.299	-----	-----	-----	-----	-----	-----	-----	0.299
87.47	0.000	296.99	0.310	0.299	-----	-----	-----	-----	-----	-----	-----	0.299
87.50	0.000	296.99	0.310	0.299	-----	-----	-----	-----	-----	-----	-----	0.299
87.53	0.000	296.98	0.310	0.299	-----	-----	-----	-----	-----	-----	-----	0.299
87.57	0.000	296.98	0.310	0.299	-----	-----	-----	-----	-----	-----	-----	0.299
87.60	0.000	296.98	0.310	0.299	-----	-----	-----	-----	-----	-----	-----	0.299
87.63	0.000	296.98	0.310	0.298	-----	-----	-----	-----	-----	-----	-----	0.298
87.67	0.000	296.98	0.310	0.298	-----	-----	-----	-----	-----	-----	-----	0.298
87.70	0.000	296.98	0.309	0.298	-----	-----	-----	-----	-----	-----	-----	0.298
87.73	0.000	296.98	0.309	0.298	-----	-----	-----	-----	-----	-----	-----	0.298
87.77	0.000	296.97	0.309	0.298	-----	-----	-----	-----	-----	-----	-----	0.298
87.80	0.000	296.97	0.309	0.298	-----	-----	-----	-----	-----	-----	-----	0.298
87.83	0.000	296.97	0.309	0.298	-----	-----	-----	-----	-----	-----	-----	0.298
87.87	0.000	296.97	0.309	0.298	-----	-----	-----	-----	-----	-----	-----	0.298
87.90	0.000	296.97	0.309	0.297	-----	-----	-----	-----	-----	-----	-----	0.297
87.93	0.000	296.97	0.308	0.297	-----	-----	-----	-----	-----	-----	-----	0.297
87.97	0.000	296.97	0.308	0.297	-----	-----	-----	-----	-----	-----	-----	0.297
88.00	0.000	296.97	0.308	0.297	-----	-----	-----	-----	-----	-----	-----	0.297
88.03	0.000	296.96	0.308	0.297	-----	-----	-----	-----	-----	-----	-----	0.297
88.07	0.000	296.96	0.308	0.297	-----	-----	-----	-----	-----	-----	-----	0.297
88.10	0.000	296.96	0.308	0.297	-----	-----	-----	-----	-----	-----	-----	0.297
88.13	0.000	296.96	0.308	0.297	-----	-----	-----	-----	-----	-----	-----	0.297

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
88.17	0.000	296.96	0.307	0.296	-----	-----	-----	-----	-----	-----	-----	0.296
88.20	0.000	296.96	0.307	0.296	-----	-----	-----	-----	-----	-----	-----	0.296
88.23	0.000	296.96	0.307	0.296	-----	-----	-----	-----	-----	-----	-----	0.296
88.27	0.000	296.96	0.307	0.296	-----	-----	-----	-----	-----	-----	-----	0.296
88.30	0.000	296.95	0.307	0.296	-----	-----	-----	-----	-----	-----	-----	0.296
88.33	0.000	296.95	0.307	0.296	-----	-----	-----	-----	-----	-----	-----	0.296
88.37	0.000	296.95	0.307	0.296	-----	-----	-----	-----	-----	-----	-----	0.296
88.40	0.000	296.95	0.307	0.296	-----	-----	-----	-----	-----	-----	-----	0.296
88.43	0.000	296.95	0.306	0.295	-----	-----	-----	-----	-----	-----	-----	0.295
88.47	0.000	296.95	0.306	0.295	-----	-----	-----	-----	-----	-----	-----	0.295
88.50	0.000	296.95	0.306	0.295	-----	-----	-----	-----	-----	-----	-----	0.295
88.53	0.000	296.94	0.306	0.295	-----	-----	-----	-----	-----	-----	-----	0.295
88.57	0.000	296.94	0.306	0.295	-----	-----	-----	-----	-----	-----	-----	0.295
88.60	0.000	296.94	0.306	0.295	-----	-----	-----	-----	-----	-----	-----	0.295
88.63	0.000	296.94	0.306	0.295	-----	-----	-----	-----	-----	-----	-----	0.295
88.67	0.000	296.94	0.305	0.295	-----	-----	-----	-----	-----	-----	-----	0.295
88.70	0.000	296.94	0.305	0.294	-----	-----	-----	-----	-----	-----	-----	0.294
88.73	0.000	296.94	0.305	0.294	-----	-----	-----	-----	-----	-----	-----	0.294
88.77	0.000	296.94	0.305	0.294	-----	-----	-----	-----	-----	-----	-----	0.294
88.80	0.000	296.93	0.305	0.294	-----	-----	-----	-----	-----	-----	-----	0.294
88.83	0.000	296.93	0.305	0.294	-----	-----	-----	-----	-----	-----	-----	0.294
88.87	0.000	296.93	0.305	0.294	-----	-----	-----	-----	-----	-----	-----	0.294
88.90	0.000	296.93	0.304	0.294	-----	-----	-----	-----	-----	-----	-----	0.294
88.93	0.000	296.93	0.304	0.294	-----	-----	-----	-----	-----	-----	-----	0.294
88.97	0.000	296.93	0.304	0.293	-----	-----	-----	-----	-----	-----	-----	0.293
89.00	0.000	296.93	0.304	0.293	-----	-----	-----	-----	-----	-----	-----	0.293
89.03	0.000	296.93	0.304	0.293	-----	-----	-----	-----	-----	-----	-----	0.293
89.07	0.000	296.92	0.304	0.293	-----	-----	-----	-----	-----	-----	-----	0.293
89.10	0.000	296.92	0.304	0.293	-----	-----	-----	-----	-----	-----	-----	0.293
89.13	0.000	296.92	0.303	0.293	-----	-----	-----	-----	-----	-----	-----	0.293
89.17	0.000	296.92	0.303	0.293	-----	-----	-----	-----	-----	-----	-----	0.293
89.20	0.000	296.92	0.303	0.293	-----	-----	-----	-----	-----	-----	-----	0.293
89.23	0.000	296.92	0.303	0.292	-----	-----	-----	-----	-----	-----	-----	0.292
89.27	0.000	296.92	0.303	0.292	-----	-----	-----	-----	-----	-----	-----	0.292
89.30	0.000	296.91	0.303	0.292	-----	-----	-----	-----	-----	-----	-----	0.292
89.33	0.000	296.91	0.303	0.292	-----	-----	-----	-----	-----	-----	-----	0.292
89.37	0.000	296.91	0.303	0.292	-----	-----	-----	-----	-----	-----	-----	0.292
89.40	0.000	296.91	0.302	0.292	-----	-----	-----	-----	-----	-----	-----	0.292
89.43	0.000	296.91	0.302	0.292	-----	-----	-----	-----	-----	-----	-----	0.292
89.47	0.000	296.91	0.302	0.292	-----	-----	-----	-----	-----	-----	-----	0.292
89.50	0.000	296.91	0.302	0.291	-----	-----	-----	-----	-----	-----	-----	0.291
89.53	0.000	296.91	0.302	0.291	-----	-----	-----	-----	-----	-----	-----	0.291
89.57	0.000	296.90	0.302	0.291	-----	-----	-----	-----	-----	-----	-----	0.291
89.60	0.000	296.90	0.302	0.291	-----	-----	-----	-----	-----	-----	-----	0.291
89.63	0.000	296.90	0.301	0.291	-----	-----	-----	-----	-----	-----	-----	0.291
89.67	0.000	296.90	0.301	0.291	-----	-----	-----	-----	-----	-----	-----	0.291
89.70	0.000	296.90	0.301	0.291	-----	-----	-----	-----	-----	-----	-----	0.291
89.73	0.000	296.90	0.301	0.291	-----	-----	-----	-----	-----	-----	-----	0.291
89.77	0.000	296.90	0.301	0.290	-----	-----	-----	-----	-----	-----	-----	0.290
89.80	0.000	296.90	0.301	0.290	-----	-----	-----	-----	-----	-----	-----	0.290
89.83	0.000	296.89	0.301	0.290	-----	-----	-----	-----	-----	-----	-----	0.290
89.87	0.000	296.89	0.301	0.290	-----	-----	-----	-----	-----	-----	-----	0.290
89.90	0.000	296.89	0.300	0.290	-----	-----	-----	-----	-----	-----	-----	0.290
89.93	0.000	296.89	0.300	0.290	-----	-----	-----	-----	-----	-----	-----	0.290
89.97	0.000	296.89	0.300	0.290	-----	-----	-----	-----	-----	-----	-----	0.290
90.00	0.000	296.89	0.300	0.290	-----	-----	-----	-----	-----	-----	-----	0.290

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
90.03	0.000	296.89	0.300	0.289	-----	-----	-----	-----	-----	-----	-----	0.289
90.07	0.000	296.89	0.300	0.289	-----	-----	-----	-----	-----	-----	-----	0.289
90.10	0.000	296.88	0.300	0.289	-----	-----	-----	-----	-----	-----	-----	0.289
90.13	0.000	296.88	0.299	0.289	-----	-----	-----	-----	-----	-----	-----	0.289
90.17	0.000	296.88	0.299	0.289	-----	-----	-----	-----	-----	-----	-----	0.289
90.20	0.000	296.88	0.299	0.289	-----	-----	-----	-----	-----	-----	-----	0.289
90.23	0.000	296.88	0.299	0.289	-----	-----	-----	-----	-----	-----	-----	0.289
90.27	0.000	296.88	0.299	0.289	-----	-----	-----	-----	-----	-----	-----	0.289
90.30	0.000	296.88	0.299	0.288	-----	-----	-----	-----	-----	-----	-----	0.288
90.33	0.000	296.88	0.299	0.288	-----	-----	-----	-----	-----	-----	-----	0.288
90.37	0.000	296.87	0.298	0.288	-----	-----	-----	-----	-----	-----	-----	0.288
90.40	0.000	296.87	0.298	0.288	-----	-----	-----	-----	-----	-----	-----	0.288
90.43	0.000	296.87	0.298	0.288	-----	-----	-----	-----	-----	-----	-----	0.288
90.47	0.000	296.87	0.298	0.288	-----	-----	-----	-----	-----	-----	-----	0.288
90.50	0.000	296.87	0.298	0.288	-----	-----	-----	-----	-----	-----	-----	0.288
90.53	0.000	296.87	0.298	0.288	-----	-----	-----	-----	-----	-----	-----	0.288
90.57	0.000	296.87	0.298	0.287	-----	-----	-----	-----	-----	-----	-----	0.287
90.60	0.000	296.86	0.298	0.287	-----	-----	-----	-----	-----	-----	-----	0.287
90.63	0.000	296.86	0.297	0.287	-----	-----	-----	-----	-----	-----	-----	0.287
90.67	0.000	296.86	0.297	0.287	-----	-----	-----	-----	-----	-----	-----	0.287
90.70	0.000	296.86	0.297	0.287	-----	-----	-----	-----	-----	-----	-----	0.287
90.73	0.000	296.86	0.297	0.287	-----	-----	-----	-----	-----	-----	-----	0.287
90.77	0.000	296.86	0.297	0.287	-----	-----	-----	-----	-----	-----	-----	0.287
90.80	0.000	296.86	0.297	0.287	-----	-----	-----	-----	-----	-----	-----	0.287
90.83	0.000	296.86	0.297	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
90.87	0.000	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
90.90	0.000	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
90.93	0.000	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
90.97	0.000	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
91.00	0.000	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
91.03	0.000	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
91.07	0.000	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
91.10	0.000	296.85	0.296	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
91.13	0.000	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
91.17	0.000	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
91.20	0.000	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
91.23	0.000	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
91.27	0.000	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
91.30	0.000	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
91.33	0.000	296.84	0.295	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
91.37	0.000	296.84	0.294	0.285	-----	-----	-----	-----	-----	-----	-----	0.285
91.40	0.000	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
91.43	0.000	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
91.47	0.000	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
91.50	0.000	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
91.53	0.000	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
91.57	0.000	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
91.60	0.000	296.83	0.294	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
91.63	0.000	296.83	0.293	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
91.67	0.000	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
91.70	0.000	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
91.73	0.000	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
91.77	0.000	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
91.80	0.000	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
91.83	0.000	296.82	0.293	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
91.87	0.000	296.82	0.292	0.283	-----	-----	-----	-----	-----	-----	-----	0.283

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
91.90	0.000	296.82	0.292	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
91.93	0.000	296.81	0.292	0.283	-----	-----	-----	-----	-----	-----	-----	0.283
91.97	0.000	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
92.00	0.000	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
92.03	0.000	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
92.07	0.000	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
92.10	0.000	296.81	0.292	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
92.13	0.000	296.81	0.291	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
92.17	0.000	296.81	0.291	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
92.20	0.000	296.80	0.291	0.282	-----	-----	-----	-----	-----	-----	-----	0.282
92.23	0.000	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
92.27	0.000	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
92.30	0.000	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
92.33	0.000	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
92.37	0.000	296.80	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
92.40	0.000	296.80	0.290	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
92.43	0.000	296.80	0.290	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
92.47	0.000	296.79	0.290	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
92.50	0.000	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
92.53	0.000	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
92.57	0.000	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
92.60	0.000	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
92.63	0.000	296.79	0.290	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
92.67	0.000	296.79	0.289	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
92.70	0.000	296.79	0.289	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
92.73	0.000	296.78	0.289	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
92.77	0.000	296.78	0.289	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
92.80	0.000	296.78	0.289	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
92.83	0.000	296.78	0.289	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
92.87	0.000	296.78	0.289	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
92.90	0.000	296.78	0.289	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
92.93	0.000	296.78	0.288	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
92.97	0.000	296.78	0.288	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
93.00	0.000	296.77	0.288	0.279	-----	-----	-----	-----	-----	-----	-----	0.279
93.03	0.000	296.77	0.288	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
93.07	0.000	296.77	0.288	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
93.10	0.000	296.77	0.288	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
93.13	0.000	296.77	0.288	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
93.17	0.000	296.77	0.288	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
93.20	0.000	296.77	0.287	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
93.23	0.000	296.77	0.287	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
93.27	0.000	296.76	0.287	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
93.30	0.000	296.76	0.287	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
93.33	0.000	296.76	0.287	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
93.37	0.000	296.76	0.287	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
93.40	0.000	296.76	0.287	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
93.43	0.000	296.76	0.287	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
93.47	0.000	296.76	0.286	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
93.50	0.000	296.76	0.286	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
93.53	0.000	296.76	0.286	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
93.57	0.000	296.75	0.286	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
93.60	0.000	296.75	0.286	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
93.63	0.000	296.75	0.286	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
93.67	0.000	296.75	0.286	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
93.70	0.000	296.75	0.286	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
93.73	0.000	296.75	0.285	0.276	-----	-----	-----	-----	-----	-----	-----	0.276

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
93.77	0.000	296.75	0.285	0.276	-----	-----	-----	-----	-----	-----	-----	0.276
93.80	0.000	296.75	0.285	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
93.83	0.000	296.74	0.285	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
93.87	0.000	296.74	0.285	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
93.90	0.000	296.74	0.285	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
93.93	0.000	296.74	0.285	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
93.97	0.000	296.74	0.285	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
94.00	0.000	296.74	0.284	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
94.03	0.000	296.74	0.284	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
94.07	0.000	296.74	0.284	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
94.10	0.000	296.73	0.284	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
94.13	0.000	296.73	0.284	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
94.17	0.000	296.73	0.284	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
94.20	0.000	296.73	0.284	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
94.23	0.000	296.73	0.284	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
94.27	0.000	296.73	0.283	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
94.30	0.000	296.73	0.283	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
94.33	0.000	296.73	0.283	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
94.37	0.000	296.72	0.283	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
94.40	0.000	296.72	0.283	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
94.43	0.000	296.72	0.283	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
94.47	0.000	296.72	0.283	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
94.50	0.000	296.72	0.283	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
94.53	0.000	296.72	0.282	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
94.57	0.000	296.72	0.282	0.273	-----	-----	-----	-----	-----	-----	-----	0.273
94.60	0.000	296.72	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
94.63	0.000	296.72	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
94.67	0.000	296.71	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
94.70	0.000	296.71	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
94.73	0.000	296.71	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
94.77	0.000	296.71	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
94.80	0.000	296.71	0.282	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
94.83	0.000	296.71	0.281	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
94.87	0.000	296.71	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
94.90	0.000	296.71	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
94.93	0.000	296.70	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
94.97	0.000	296.70	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
95.00	0.000	296.70	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
95.03	0.000	296.70	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
95.07	0.000	296.70	0.281	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
95.10	0.000	296.70	0.280	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
95.13	0.000	296.70	0.280	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
95.17	0.000	296.70	0.280	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
95.20	0.000	296.69	0.280	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
95.23	0.000	296.69	0.280	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
95.27	0.000	296.69	0.280	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
95.30	0.000	296.69	0.280	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
95.33	0.000	296.69	0.280	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
95.37	0.000	296.69	0.279	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
95.40	0.000	296.69	0.279	0.270	-----	-----	-----	-----	-----	-----	-----	0.270
95.43	0.000	296.69	0.279	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
95.47	0.000	296.69	0.279	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
95.50	0.000	296.68	0.279	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
95.53	0.000	296.68	0.279	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
95.57	0.000	296.68	0.279	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
95.60	0.000	296.68	0.279	0.269	-----	-----	-----	-----	-----	-----	-----	0.269

Continues on next page...

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
95.63	0.000	296.68	0.278	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
95.67	0.000	296.68	0.278	0.269	-----	-----	-----	-----	-----	-----	-----	0.269
95.70	0.000	296.68	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
95.73	0.000	296.68	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
95.77	0.000	296.67	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
95.80	0.000	296.67	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
95.83	0.000	296.67	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
95.87	0.000	296.67	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
95.90	0.000	296.67	0.278	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
95.93	0.000	296.67	0.277	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
95.97	0.000	296.67	0.277	0.267	-----	-----	-----	-----	-----	-----	-----	0.267
96.00	0.000	296.67	0.277	0.267	-----	-----	-----	-----	-----	-----	-----	0.267

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 32

Design Point E

Hydrograph type	=	Combine	Peak discharge	=	24.56 cfs
Storm frequency	=	10 yrs	Time to peak	=	12.27 hrs
Time interval	=	2 min	Hyd. volume	=	86,400 cuft
Inflow hyds.	=	9, 31	Contrib. drain. area	=	10.850 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 9 + (cfs)	Hyd. 31 = (cfs)	Outflow (cfs)
12.03	12.53	0.223	12.75
12.07	14.76	0.243	15.00
12.10	17.05	0.263	17.31
12.13	19.30	0.283	19.58
12.17	21.36	0.303	21.66
12.20	23.01	0.320	23.33
12.23	23.98	0.335	24.31
12.27	24.22 <<	0.349	24.56 <<
12.30	23.91	0.360	24.27
12.33	23.28	0.370	23.65
12.37	22.44	0.378	22.82
12.40	21.41	0.384	21.79
12.43	20.20	0.389	20.59
12.47	18.83	0.394	19.22
12.50	17.31	0.397	17.71
12.53	15.69	0.401	16.09
12.57	14.03	0.404	14.43
12.60	12.43	0.406	12.84

...End

APPENDIX 8

100-YEAR DESIGN STORM HYDROGRAPHS

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 1

EX-A

Hydrograph type	=	SCS Runoff	Peak discharge	=	477.75 cfs
Storm frequency	=	100 yrs	Time to peak	=	736 min
Time interval	=	2 min	Hyd. volume	=	403,189 cuft
Drainage area	=	127.280 ac	Curve number	=	73
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	21.6 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (min cfs)	
722	258.78
724	302.05
726	346.22
728	389.12
730	428.06
732	458.44
734	475.26
736	477.75 <<
738	469.78
740	455.57
742	437.43
744	415.70
746	390.73
748	362.89
750	332.54
752	300.27
754	267.49

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 2

EX-B

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.381 cfs
Storm frequency	=	100 yrs	Time to peak	=	736 min
Time interval	=	2 min	Hyd. volume	=	0 cuft
Drainage area	=	2.440 ac	Curve number	=	37
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	13.2 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (min cfs)	
726	0.743
728	0.997
730	1.182
732	1.294
734	1.356
736	1.381 <<
738	1.366
740	1.319
742	1.255
744	1.192
746	1.131
748	1.063
750	0.983
752	0.895
754	0.805
756	0.722

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 3

EX-C

Hydrograph type	=	SCS Runoff	Peak discharge	=	43.35 cfs
Storm frequency	=	100 yrs	Time to peak	=	730 min
Time interval	=	2 min	Hyd. volume	=	31,466 cuft
Drainage area	=	10.370 ac	Curve number	=	73
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	13.8 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (min cfs)	
720	23.02
722	27.67
724	32.89
726	37.85
728	41.60
730	43.35 <<
732	42.97
734	41.11
736	38.47
738	35.44
740	32.08
742	28.58
744	25.24
746	22.41

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 4

EX-D

Hydrograph type	=	SCS Runoff	Peak discharge	=	44.35 cfs
Storm frequency	=	100 yrs	Time to peak	=	730 min
Time interval	=	2 min	Hyd. volume	=	39,329 cuft
Drainage area	=	9.350 ac	Curve number	=	79
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	16.2 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (min cfs)	
720	24.42
722	29.09
724	34.28
726	39.18
728	42.80
730	44.35 <<
732	43.75
734	41.67
736	38.83
738	35.61
740	32.10
742	28.47
744	25.05

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 5

EX-E

Hydrograph type	=	SCS Runoff	Peak discharge	=	66.44 cfs
Storm frequency	=	100 yrs	Time to peak	=	736 min
Time interval	=	2 min	Hyd. volume	=	56,069 cuft
Drainage area	=	17.700 ac	Curve number	=	73
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	23.4 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (min	Outflow cfs)
722	35.99
724	42.00
726	48.15
728	54.11
730	59.53
732	63.75
734	66.09
736	66.44 <<
738	65.33
740	63.35
742	60.83
744	57.81
746	54.34
748	50.46
750	46.24
752	41.76
754	37.20

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 1

PR-A1

Hydrograph type	=	SCS Runoff	Peak discharge	=	70.37 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.17 hrs
Time interval	=	2 min	Hyd. volume	=	52,878 cuft
Drainage area	=	16.450 ac	Curve number	=	74
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	13.8 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.00	37.61
12.03	45.13
12.07	53.56
12.10	61.56
12.13	67.60
12.17	70.37 <<
12.20	69.70
12.23	66.63
12.27	62.30
12.30	57.34
12.33	51.87
12.37	46.18
12.40	40.76
12.43	36.15

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 2

PR-A2

Hydrograph type	=	SCS Runoff	Peak discharge	=	64.04 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.17 hrs
Time interval	=	2 min	Hyd. volume	=	48,121 cuft
Drainage area	=	14.970 ac	Curve number	=	74
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	15.6 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)	
12.00	34.22
12.03	41.07
12.07	48.74
12.10	56.03
12.13	61.52
12.17	64.04 <<
12.20	63.43
12.23	60.63
12.27	56.69
12.30	52.18
12.33	47.20
12.37	42.02
12.40	37.09
12.43	32.90

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 3

PR-A3

Hydrograph type	=	SCS Runoff	Peak discharge	=	69.46 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.20 hrs
Time interval	=	2 min	Hyd. volume	=	58,662 cuft
Drainage area	=	16.820 ac	Curve number	=	75
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	18.6 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.00	34.98
12.03	41.37
12.07	48.43
12.10	55.57
12.13	62.04
12.17	66.98
12.20	69.46 <<
12.23	69.35
12.27	67.39
12.30	64.40
12.33	60.82
12.37	56.72
12.40	52.17
12.43	47.25
12.47	42.16
12.50	37.26

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 4

PR-A4

Hydrograph type	=	SCS Runoff	Peak discharge	=	147.53 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.20 hrs
Time interval	=	2 min	Hyd. volume	=	116,395 cuft
Drainage area	=	37.400 ac	Curve number	=	73
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	18.6 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.03	86.87
12.07	102.00
12.10	117.32
12.13	131.28
12.17	142.02
12.20	147.53 <<
12.23	147.53
12.27	143.58
12.30	137.39
12.33	129.93
12.37	121.33
12.40	111.75
12.43	101.34
12.47	90.55
12.50	80.12

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 5

PR-A5

Hydrograph type	=	SCS Runoff	Peak discharge	=	139.93 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.13 hrs
Time interval	=	2 min	Hyd. volume	=	102,432 cuft
Drainage area	=	28.480 ac	Curve number	=	75
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	10.8 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.00	80.39
12.03	98.54
12.07	117.75
12.10	133.01
12.13	139.93 <<
12.17	138.06
12.20	130.21
12.23	119.42
12.27	107.37
12.30	94.82
12.33	83.03
12.37	73.34

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 6

PR-B

Hydrograph type	=	SCS Runoff	Peak discharge	=	0.644 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.23 hrs
Time interval	=	2 min	Hyd. volume	=	0 cuft
Drainage area	=	0.980 ac	Curve number	=	38
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	13.2 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.10	0.395
12.13	0.508
12.17	0.585
12.20	0.626
12.23	0.644 <<
12.27	0.643
12.30	0.627
12.33	0.598
12.37	0.564
12.40	0.533
12.43	0.503
12.47	0.471
12.50	0.434
12.53	0.395
12.57	0.354

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 7

PR-C

Hydrograph type	=	SCS Runoff	Peak discharge	=	20.60 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.10 hrs
Time interval	=	2 min	Hyd. volume	=	14,385 cuft
Drainage area	=	3.700 ac	Curve number	=	77
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	9.6 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
11.97	10.34
12.00	13.01
12.03	16.41
12.07	19.36
12.10	20.60 <<
12.13	19.81
12.17	17.70
12.20	15.14
12.23	12.79
12.27	10.99

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 8

PR-D

Hydrograph type	=	SCS Runoff	Peak discharge	=	13.13 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.10 hrs
Time interval	=	2 min	Hyd. volume	=	13,517 cuft
Drainage area	=	1.960 ac	Curve number	=	89
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	8.4 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)	
11.97	6.970
12.00	8.631
12.03	10.72
12.07	12.48
12.10	13.13 <<
12.13	12.51
12.17	11.08
12.20	9.390
12.23	7.864
12.27	6.708

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 9

PR-E

Hydrograph type	=	SCS Runoff	Peak discharge	=	42.59 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.27 hrs
Time interval	=	2 min	Hyd. volume	=	38,517 cuft
Drainage area	=	10.850 ac	Curve number	=	75
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	23.4 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.03	23.40
12.07	27.24
12.10	31.15
12.13	34.93
12.17	38.35
12.20	41.00
12.23	42.43
12.27	42.59 <<
12.30	41.82
12.33	40.51
12.37	38.85
12.40	36.87
12.43	34.62
12.47	32.11
12.50	29.39
12.53	26.51
12.57	23.59

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 10

PR-F

Hydrograph type	=	SCS Runoff	Peak discharge	=	14.61 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.10 hrs
Time interval	=	2 min	Hyd. volume	=	6,803 cuft
Drainage area	=	3.440 ac	Curve number	=	66
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	8.4 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.00	8.770
12.03	11.28
12.07	13.54
12.10	14.61 <<
12.13	14.23
12.17	12.86
12.20	11.13
12.23	9.503
12.27	8.240
12.30	7.399

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 11

PR-G

Hydrograph type	=	SCS Runoff	Peak discharge	=	23.25 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.10 hrs
Time interval	=	2 min	Hyd. volume	=	20,365 cuft
Drainage area	=	3.700 ac	Curve number	=	84
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	9.0 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)	
11.97	12.09
12.00	15.06
12.03	18.81
12.07	22.01
12.10	23.25 <<
12.13	22.23
12.17	19.75
12.20	16.80
12.23	14.11
12.27	12.07

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 12

PR-H

Hydrograph type	=	SCS Runoff	Peak discharge	=	55.15 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.17 hrs
Time interval	=	2 min	Hyd. volume	=	59,191 cuft
Drainage area	=	10.530 ac	Curve number	=	85
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	16.2 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)	
12.00	31.31
12.03	37.01
12.07	43.32
12.10	49.20
12.13	53.47
12.17	55.15 <<
12.20	54.18
12.23	51.41
12.27	47.72
12.30	43.61
12.33	39.16
12.37	34.61
12.40	30.35

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 13

PR-I

Hydrograph type	=	SCS Runoff	Peak discharge	=	73.64 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.13 hrs
Time interval	=	2 min	Hyd. volume	=	74,437 cuft
Drainage area	=	12.520 ac	Curve number	=	85
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	10.8 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- Outflow (hrs cfs)	
11.97	37.28
12.00	44.28
12.03	53.54
12.07	63.19
12.10	70.63
12.13	73.64 <<
12.17	72.09
12.20	67.51
12.23	61.49
12.27	54.90
12.30	48.14
12.33	41.87

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 14

PR-J

Hydrograph type	=	SCS Runoff	Peak discharge	=	13.64 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.13 hrs
Time interval	=	2 min	Hyd. volume	=	16,747 cuft
Drainage area	=	2.160 ac	Curve number	=	91
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	12.6 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Outflow (cfs)
11.97	7.100
12.00	8.380
12.03	10.07
12.07	11.81
12.10	13.14
12.13	13.64 <<
12.17	13.31
12.20	12.42
12.23	11.28
12.27	10.04
12.30	8.774
12.33	7.610

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 15

PR-K

Hydrograph type	=	SCS Runoff	Peak discharge	=	17.86 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.13 hrs
Time interval	=	2 min	Hyd. volume	=	16,416 cuft
Drainage area	=	3.180 ac	Curve number	=	82
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	USER	Time of conc. (Tc)	=	12.6 min
Total precip.	=	8.00 in	Distribution	=	Type III
Storm duration	=	24 hrs	Shape factor	=	484

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time -- (hrs	Outflow cfs)
12.00	10.61
12.03	12.87
12.07	15.25
12.10	17.09
12.13	17.86 <<
12.17	17.52
12.20	16.44
12.23	15.00
12.27	13.42
12.30	11.79
12.33	10.27
12.37	9.038

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 16

Pond F

Hydrograph type	= Reservoir	Peak discharge	= 2.232 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.70 hrs
Time interval	= 2 min	Hyd. volume	= 6,252 cuft
Inflow hyd. No.	= 10 - PR-F	Reservoir name	= Pond F
Max. Elevation	= 377.05 ft	Max. Storage	= 47,742 cuft

Storage Indication method used. Wet pond routing start elevation = 374.60 ft.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.20	11.13	376.45	1.147	1.137	-----	-----	-----	-----	-----	-----	-----	1.137
12.23	9.503	376.55	1.188	1.175	-----	-----	-----	-----	-----	-----	-----	1.175
12.27	8.240	376.63	1.218	1.206	-----	-----	-----	-----	-----	-----	-----	1.206
12.30	7.399	376.70	1.239	1.231	-----	-----	-----	-----	-----	-----	-----	1.231
12.33	6.818	376.76	1.257	1.254	-----	-----	-----	-----	-----	-----	-----	1.254
12.37	6.317	376.82	1.276	1.274	-----	-----	0.000	-----	-----	-----	-----	1.274
12.40	5.800	376.87	1.296	1.292	-----	-----	0.000	-----	-----	-----	-----	1.292
12.43	5.270	376.91	1.315	1.307	-----	-----	0.000	-----	-----	-----	-----	1.307
12.47	4.727	376.95	1.331	1.321	-----	-----	0.000	-----	-----	-----	-----	1.321
12.50	4.174	376.99	1.345	1.332	-----	-----	0.000	-----	-----	-----	-----	1.332
12.53	3.634	377.01	1.574	1.341	-----	-----	0.220	-----	-----	-----	-----	1.561
12.57	3.152	377.03	1.897	1.347	-----	-----	0.538	-----	-----	-----	-----	1.885
12.60	2.775	377.04	2.087	1.350	-----	-----	0.726	-----	-----	-----	-----	2.076
12.63	2.513	377.05	2.187	1.352	-----	-----	0.824	-----	-----	-----	-----	2.176
12.67	2.340	377.05	2.231	1.353	-----	-----	0.868	-----	-----	-----	-----	2.220
12.70	2.231	377.05 <<	2.242	1.353	-----	-----	0.879	-----	-----	-----	-----	2.232 <<
12.73	2.162	377.05	2.236	1.353	-----	-----	0.873	-----	-----	-----	-----	2.226
12.77	2.105	377.05	2.220	1.353	-----	-----	0.857	-----	-----	-----	-----	2.209
12.80	2.047	377.05	2.196	1.352	-----	-----	0.834	-----	-----	-----	-----	2.186
12.83	1.989	377.05	2.167	1.352	-----	-----	0.804	-----	-----	-----	-----	2.156
12.87	1.930	377.04	2.132	1.351	-----	-----	0.770	-----	-----	-----	-----	2.121
12.90	1.871	377.04	2.093	1.350	-----	-----	0.732	-----	-----	-----	-----	2.082
12.93	1.812	377.04	2.051	1.349	-----	-----	0.690	-----	-----	-----	-----	2.040
12.97	1.752	377.04	2.006	1.349	-----	-----	0.646	-----	-----	-----	-----	1.994
13.00	1.692	377.03	1.957	1.348	-----	-----	0.598	-----	-----	-----	-----	1.946
13.03	1.634	377.03	1.908	1.347	-----	-----	0.549	-----	-----	-----	-----	1.896
13.07	1.581	377.03	1.857	1.346	-----	-----	0.499	-----	-----	-----	-----	1.845
13.10	1.538	377.03	1.807	1.345	-----	-----	0.450	-----	-----	-----	-----	1.795
13.13	1.505	377.02	1.759	1.344	-----	-----	0.402	-----	-----	-----	-----	1.746
13.17	1.480	377.02	1.714	1.343	-----	-----	0.358	-----	-----	-----	-----	1.701
13.20	1.461	377.02	1.673	1.343	-----	-----	0.318	-----	-----	-----	-----	1.660
13.23	1.445	377.02	1.636	1.342	-----	-----	0.282	-----	-----	-----	-----	1.624
13.27	1.430	377.01	1.604	1.341	-----	-----	0.249	-----	-----	-----	-----	1.591
13.30	1.415	377.01	1.574	1.341	-----	-----	0.220	-----	-----	-----	-----	1.561
13.33	1.400	377.01	1.547	1.340	-----	-----	0.194	-----	-----	-----	-----	1.534
13.37	1.386	377.01	1.522	1.340	-----	-----	0.169	-----	-----	-----	-----	1.509
13.40	1.370	377.01	1.499	1.340	-----	-----	0.146	-----	-----	-----	-----	1.486
13.43	1.355	377.01	1.478	1.339	-----	-----	0.125	-----	-----	-----	-----	1.464
13.47	1.340	377.01	1.457	1.339	-----	-----	0.105	-----	-----	-----	-----	1.444
13.50	1.325	377.00	1.438	1.338	-----	-----	0.086	-----	-----	-----	-----	1.424
13.53	1.310	377.00	1.419	1.338	-----	-----	0.067	-----	-----	-----	-----	1.405
13.57	1.294	377.00	1.401	1.338	-----	-----	0.049	-----	-----	-----	-----	1.387

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.60	1.279	377.00	1.383	1.337	-----	-----	0.032	-----	-----	-----	-----	1.369
13.63	1.264	377.00	1.366	1.337	-----	-----	0.015	-----	-----	-----	-----	1.352
13.67	1.248	377.00	1.351	1.337	-----	-----	0.000	-----	-----	-----	-----	1.337
13.70	1.232	377.00	1.350	1.336	-----	-----	0.000	-----	-----	-----	-----	1.337
13.73	1.217	377.00	1.350	1.336	-----	-----	0.000	-----	-----	-----	-----	1.336
13.77	1.201	377.00	1.349	1.336	-----	-----	0.000	-----	-----	-----	-----	1.336
13.80	1.185	376.99	1.349	1.335	-----	-----	0.000	-----	-----	-----	-----	1.335
13.83	1.170	376.99	1.348	1.335	-----	-----	0.000	-----	-----	-----	-----	1.335
13.87	1.154	376.99	1.347	1.334	-----	-----	0.000	-----	-----	-----	-----	1.334
13.90	1.138	376.99	1.346	1.333	-----	-----	0.000	-----	-----	-----	-----	1.333
13.93	1.122	376.99	1.345	1.332	-----	-----	0.000	-----	-----	-----	-----	1.332
13.97	1.106	376.98	1.345	1.332	-----	-----	0.000	-----	-----	-----	-----	1.332
14.00	1.090	376.98	1.343	1.331	-----	-----	0.000	-----	-----	-----	-----	1.331
14.03	1.074	376.98	1.342	1.330	-----	-----	0.000	-----	-----	-----	-----	1.330
14.07	1.060	376.98	1.341	1.329	-----	-----	0.000	-----	-----	-----	-----	1.329
14.10	1.047	376.97	1.340	1.328	-----	-----	0.000	-----	-----	-----	-----	1.328
14.13	1.036	376.97	1.339	1.327	-----	-----	0.000	-----	-----	-----	-----	1.327
14.17	1.027	376.97	1.337	1.326	-----	-----	0.000	-----	-----	-----	-----	1.326
14.20	1.018	376.96	1.336	1.325	-----	-----	0.000	-----	-----	-----	-----	1.325
14.23	1.011	376.96	1.335	1.324	-----	-----	0.000	-----	-----	-----	-----	1.324
14.27	1.003	376.96	1.333	1.322	-----	-----	0.000	-----	-----	-----	-----	1.322
14.30	0.996	376.95	1.332	1.321	-----	-----	0.000	-----	-----	-----	-----	1.321
14.33	0.988	376.95	1.331	1.320	-----	-----	0.000	-----	-----	-----	-----	1.320
14.37	0.981	376.95	1.329	1.319	-----	-----	0.000	-----	-----	-----	-----	1.319
14.40	0.973	376.94	1.328	1.318	-----	-----	0.000	-----	-----	-----	-----	1.318
14.43	0.966	376.94	1.326	1.316	-----	-----	0.000	-----	-----	-----	-----	1.316
14.47	0.958	376.94	1.324	1.315	-----	-----	0.000	-----	-----	-----	-----	1.315
14.50	0.951	376.93	1.323	1.314	-----	-----	0.000	-----	-----	-----	-----	1.314
14.53	0.943	376.93	1.321	1.312	-----	-----	0.000	-----	-----	-----	-----	1.312
14.57	0.936	376.92	1.320	1.311	-----	-----	0.000	-----	-----	-----	-----	1.311
14.60	0.928	376.92	1.318	1.310	-----	-----	0.000	-----	-----	-----	-----	1.310
14.63	0.920	376.92	1.316	1.308	-----	-----	0.000	-----	-----	-----	-----	1.308
14.67	0.913	376.91	1.315	1.307	-----	-----	0.000	-----	-----	-----	-----	1.307
14.70	0.905	376.91	1.313	1.305	-----	-----	0.000	-----	-----	-----	-----	1.305
14.73	0.897	376.90	1.311	1.304	-----	-----	0.000	-----	-----	-----	-----	1.304
14.77	0.890	376.90	1.309	1.302	-----	-----	0.000	-----	-----	-----	-----	1.302
14.80	0.882	376.90	1.307	1.301	-----	-----	0.000	-----	-----	-----	-----	1.301
14.83	0.874	376.89	1.306	1.299	-----	-----	0.000	-----	-----	-----	-----	1.299
14.87	0.866	376.89	1.304	1.298	-----	-----	0.000	-----	-----	-----	-----	1.298
14.90	0.859	376.88	1.302	1.296	-----	-----	0.000	-----	-----	-----	-----	1.296
14.93	0.851	376.88	1.300	1.295	-----	-----	0.000	-----	-----	-----	-----	1.295
14.97	0.843	376.87	1.298	1.293	-----	-----	0.000	-----	-----	-----	-----	1.293
15.00	0.835	376.87	1.296	1.291	-----	-----	0.000	-----	-----	-----	-----	1.291
15.03	0.827	376.86	1.294	1.290	-----	-----	0.000	-----	-----	-----	-----	1.290
15.07	0.820	376.86	1.292	1.288	-----	-----	0.000	-----	-----	-----	-----	1.288
15.10	0.812	376.85	1.290	1.286	-----	-----	0.000	-----	-----	-----	-----	1.286
15.13	0.804	376.85	1.288	1.284	-----	-----	0.000	-----	-----	-----	-----	1.284
15.17	0.796	376.84	1.286	1.283	-----	-----	0.000	-----	-----	-----	-----	1.283
15.20	0.788	376.84	1.283	1.281	-----	-----	0.000	-----	-----	-----	-----	1.281
15.23	0.780	376.83	1.281	1.279	-----	-----	0.000	-----	-----	-----	-----	1.279
15.27	0.772	376.83	1.279	1.277	-----	-----	0.000	-----	-----	-----	-----	1.277
15.30	0.764	376.82	1.277	1.275	-----	-----	0.000	-----	-----	-----	-----	1.275
15.33	0.756	376.82	1.275	1.273	-----	-----	0.000	-----	-----	-----	-----	1.273
15.37	0.748	376.81	1.272	1.272	-----	-----	0.000	-----	-----	-----	-----	1.272
15.40	0.740	376.80	1.270	1.270	-----	-----	0.000	-----	-----	-----	-----	1.270
15.43	0.732	376.80	1.268	1.268	-----	-----	-----	-----	-----	-----	-----	1.268

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
15.47	0.724	376.79	1.266	1.266	-----	-----	-----	-----	-----	-----	-----	1.266
15.50	0.716	376.79	1.264	1.263	-----	-----	-----	-----	-----	-----	-----	1.263
15.53	0.708	376.78	1.263	1.261	-----	-----	-----	-----	-----	-----	-----	1.261
15.57	0.700	376.78	1.261	1.259	-----	-----	-----	-----	-----	-----	-----	1.259
15.60	0.692	376.77	1.259	1.257	-----	-----	-----	-----	-----	-----	-----	1.257
15.63	0.684	376.76	1.258	1.255	-----	-----	-----	-----	-----	-----	-----	1.255
15.67	0.676	376.76	1.256	1.253	-----	-----	-----	-----	-----	-----	-----	1.253
15.70	0.668	376.75	1.254	1.250	-----	-----	-----	-----	-----	-----	-----	1.250
15.73	0.660	376.74	1.252	1.248	-----	-----	-----	-----	-----	-----	-----	1.248
15.77	0.652	376.74	1.250	1.246	-----	-----	-----	-----	-----	-----	-----	1.246
15.80	0.644	376.73	1.248	1.244	-----	-----	-----	-----	-----	-----	-----	1.244
15.83	0.636	376.73	1.247	1.241	-----	-----	-----	-----	-----	-----	-----	1.241
15.87	0.628	376.72	1.245	1.239	-----	-----	-----	-----	-----	-----	-----	1.239
15.90	0.619	376.71	1.243	1.236	-----	-----	-----	-----	-----	-----	-----	1.236
15.93	0.611	376.71	1.241	1.234	-----	-----	-----	-----	-----	-----	-----	1.234
15.97	0.603	376.70	1.239	1.232	-----	-----	-----	-----	-----	-----	-----	1.232
16.00	0.595	376.69	1.237	1.229	-----	-----	-----	-----	-----	-----	-----	1.229
16.03	0.587	376.69	1.235	1.227	-----	-----	-----	-----	-----	-----	-----	1.227
16.07	0.580	376.68	1.233	1.224	-----	-----	-----	-----	-----	-----	-----	1.224
16.10	0.573	376.67	1.231	1.222	-----	-----	-----	-----	-----	-----	-----	1.222
16.13	0.568	376.66	1.229	1.219	-----	-----	-----	-----	-----	-----	-----	1.219
16.17	0.563	376.66	1.227	1.217	-----	-----	-----	-----	-----	-----	-----	1.217
16.20	0.559	376.65	1.225	1.214	-----	-----	-----	-----	-----	-----	-----	1.214
16.23	0.556	376.64	1.223	1.212	-----	-----	-----	-----	-----	-----	-----	1.212
16.27	0.552	376.64	1.221	1.209	-----	-----	-----	-----	-----	-----	-----	1.209
16.30	0.549	376.63	1.219	1.207	-----	-----	-----	-----	-----	-----	-----	1.207
16.33	0.545	376.62	1.217	1.204	-----	-----	-----	-----	-----	-----	-----	1.204
16.37	0.542	376.62	1.215	1.202	-----	-----	-----	-----	-----	-----	-----	1.202
16.40	0.538	376.61	1.213	1.199	-----	-----	-----	-----	-----	-----	-----	1.199
16.43	0.535	376.60	1.211	1.196	-----	-----	-----	-----	-----	-----	-----	1.196
16.47	0.531	376.59	1.208	1.194	-----	-----	-----	-----	-----	-----	-----	1.194
16.50	0.528	376.59	1.205	1.191	-----	-----	-----	-----	-----	-----	-----	1.191
16.53	0.524	376.58	1.202	1.188	-----	-----	-----	-----	-----	-----	-----	1.188
16.57	0.521	376.57	1.199	1.186	-----	-----	-----	-----	-----	-----	-----	1.186
16.60	0.517	376.57	1.196	1.183	-----	-----	-----	-----	-----	-----	-----	1.183
16.63	0.514	376.56	1.193	1.180	-----	-----	-----	-----	-----	-----	-----	1.180
16.67	0.510	376.55	1.190	1.177	-----	-----	-----	-----	-----	-----	-----	1.177
16.70	0.507	376.55	1.187	1.175	-----	-----	-----	-----	-----	-----	-----	1.175
16.73	0.503	376.54	1.184	1.172	-----	-----	-----	-----	-----	-----	-----	1.172
16.77	0.500	376.53	1.181	1.169	-----	-----	-----	-----	-----	-----	-----	1.169
16.80	0.496	376.52	1.178	1.166	-----	-----	-----	-----	-----	-----	-----	1.166
16.83	0.493	376.52	1.175	1.164	-----	-----	-----	-----	-----	-----	-----	1.164
16.87	0.489	376.51	1.172	1.161	-----	-----	-----	-----	-----	-----	-----	1.161
16.90	0.486	376.50	1.169	1.158	-----	-----	-----	-----	-----	-----	-----	1.158
16.93	0.482	376.50	1.166	1.155	-----	-----	-----	-----	-----	-----	-----	1.155
16.97	0.478	376.49	1.164	1.152	-----	-----	-----	-----	-----	-----	-----	1.152
17.00	0.475	376.48	1.161	1.150	-----	-----	-----	-----	-----	-----	-----	1.150
17.03	0.471	376.47	1.158	1.147	-----	-----	-----	-----	-----	-----	-----	1.147
17.07	0.468	376.47	1.155	1.144	-----	-----	-----	-----	-----	-----	-----	1.144
17.10	0.464	376.46	1.152	1.141	-----	-----	-----	-----	-----	-----	-----	1.141
17.13	0.461	376.45	1.148	1.139	-----	-----	-----	-----	-----	-----	-----	1.139
17.17	0.457	376.44	1.145	1.136	-----	-----	-----	-----	-----	-----	-----	1.136
17.20	0.454	376.44	1.142	1.133	-----	-----	-----	-----	-----	-----	-----	1.133
17.23	0.450	376.43	1.139	1.130	-----	-----	-----	-----	-----	-----	-----	1.130
17.27	0.446	376.42	1.136	1.127	-----	-----	-----	-----	-----	-----	-----	1.127
17.30	0.443	376.42	1.133	1.125	-----	-----	-----	-----	-----	-----	-----	1.125

Continues on next page...

Pond F

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.33	0.439	376.41	1.130	1.122	-----	-----	-----	-----	-----	-----	-----	1.122
17.37	0.436	376.40	1.127	1.119	-----	-----	-----	-----	-----	-----	-----	1.119

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 17

Combine A1 & F

Hydrograph type	=	Combine	Peak discharge	=	71.47 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.17 hrs
Time interval	=	2 min	Hyd. volume	=	59,130 cuft
Inflow hyds.	=	1, 16	Contrib. drain. area	=	16.450 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 1 + (cfs)	Hyd. 16 = (cfs)	Outflow (cfs)
12.00	37.61	0.725	38.33
12.03	45.13	0.801	45.94
12.07	53.56	0.889	54.45
12.10	61.56	0.971	62.54
12.13	67.60	1.035	68.64
12.17	70.37 <<	1.091	71.47 <<
12.20	69.70	1.137	70.84
12.23	66.63	1.175	67.80
12.27	62.30	1.206	63.50
12.30	57.34	1.231	58.57
12.33	51.87	1.254	53.12
12.37	46.18	1.274	47.45
12.40	40.76	1.292	42.05
12.43	36.15	1.307	37.46

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 18

Reach 1

Hydrograph type	=	Reach	Peak discharge	=	70.64 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.23 hrs
Time interval	=	2 min	Hyd. volume	=	57,986 cuft
Inflow hyd. No.	=	17 - Combine A1 & F	Section type	=	Trapezoidal
Reach length	=	1074.0 ft	Channel slope	=	3.81 %
Manning's n	=	0.025	Bottom width	=	8.00 ft
Side slope	=	2.0:1	Max. depth	=	24.00 ft
Rating curve x	=	2.906	Rating curve m	=	1.412
Ave. velocity	=	7.40 ft/s	Routing coeff.	=	0.7374

Modified Att-Kin routing method used.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Outflow cfs
12.03	45.94	36.41
12.07	54.45	43.43
12.10	62.54	51.56
12.13	68.64	59.65
12.17	71.47 <<	66.28
12.20	70.84	70.10
12.23	67.80	70.64 <<
12.27	63.50	68.55
12.30	58.57	64.83
12.33	53.12	60.22
12.37	47.45	54.99
12.40	42.05	49.43
12.43	37.46	43.99
12.47	33.79	39.17

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 19

Pond G

Hydrograph type	=	Reservoir	Peak discharge	=	11.22 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.30 hrs
Time interval	=	2 min	Hyd. volume	=	3,810 cuft
Inflow hyd. No.	=	11 - PR-G	Reservoir name	=	Pond G
Max. Elevation	=	337.86 ft	Max. Storage	=	41,759 cuft

Storage Indication method used. Wet pond routing start elevation = 334.00 ft.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.10	23.25 <<	337.36	7.188	0.276	-----	-----	1.873	5.039	-----	-----	-----	7.188
12.13	22.23	337.52	7.970	0.161	-----	-----	3.873	3.934	-----	-----	-----	7.968
12.17	19.75	337.66	8.208	0.091	-----	-----	5.066	3.046	-----	0.223	-----	8.426
12.20	16.80	337.76	8.314	0.071	-----	-----	5.475	2.759	-----	0.599	-----	8.904
12.23	14.11	337.83	8.375	0.061	-----	-----	5.684	2.619	-----	1.761	-----	10.13
12.27	12.07	337.85	8.399	0.059	-----	-----	5.748	2.580	-----	2.739	-----	11.13
12.30	10.73	337.86 <<	8.401	0.059	-----	-----	5.754	2.577	-----	2.828	-----	11.22 <<
12.33	9.807	337.85	8.393	0.060	-----	-----	5.733	2.589	-----	2.514	-----	10.90
12.37	9.026	337.84	8.382	0.061	-----	-----	5.701	2.608	-----	2.027	-----	10.40
12.40	8.240	337.82	8.368	0.062	-----	-----	5.664	2.631	-----	1.445	-----	9.802
12.43	7.448	337.80	8.352	0.064	-----	-----	5.622	2.657	-----	0.799	-----	9.142
12.47	6.652	337.78	8.330	0.068	-----	-----	5.539	2.714	-----	0.657	-----	8.979
12.50	5.851	337.75	8.301	0.073	-----	-----	5.426	2.794	-----	0.553	-----	8.846
12.53	5.077	337.72	8.264	0.080	-----	-----	5.285	2.892	-----	0.424	-----	8.682
12.57	4.392	337.68	8.222	0.088	-----	-----	5.122	3.007	-----	0.274	-----	8.491
12.60	3.856	337.63	8.175	0.097	-----	-----	4.940	3.134	-----	0.107	-----	8.279
12.63	3.483	337.58	8.101	0.118	-----	-----	4.585	3.396	-----	-----	-----	8.099
12.67	3.237	337.53	7.985	0.156	-----	-----	3.957	3.870	-----	-----	-----	7.983
12.70	3.081	337.48	7.867	0.195	-----	-----	3.318	4.353	-----	-----	-----	7.866
12.73	2.980	337.43	7.749	0.234	-----	-----	2.678	4.837	-----	-----	-----	7.748
12.77	2.897	337.38	7.409	0.267	-----	-----	2.074	5.068	-----	-----	-----	7.409
12.80	2.813	337.33	6.825	0.291	-----	-----	1.543	4.991	-----	-----	-----	6.824
12.83	2.729	337.29	6.305	0.312	-----	-----	1.070	4.922	-----	-----	-----	6.304
12.87	2.645	337.26	5.840	0.331	-----	-----	0.648	4.861	-----	-----	-----	5.840

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 20

Combine A2, G, & R1

Hydrograph type	=	Combine	Peak discharge	=	142.43 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.20 hrs
Time interval	=	2 min	Hyd. volume	=	109,917 cuft
Inflow hyds.	=	2, 18, 19	Contrib. drain. area	=	14.970 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 2 + (cfs)	Hyd. 18 + (cfs)	Hyd. 19 = (cfs)	Outflow (cfs)
12.03	41.07	36.41	3.492	80.98
12.07	48.74	43.43	4.987	97.16
12.10	56.03	51.56	7.188	114.77
12.13	61.52	59.65	7.968	129.14
12.17	64.04 <<	66.28	8.426	138.75
12.20	63.43	70.10	8.904	142.43 <<
12.23	60.63	70.64 <<	10.13	141.40
12.27	56.69	68.55	11.13	136.37
12.30	52.18	64.83	11.22 <<	128.23
12.33	47.20	60.22	10.90	118.32
12.37	42.02	54.99	10.40	107.41
12.40	37.09	49.43	9.802	96.32
12.43	32.90	43.99	9.142	86.03
12.47	29.55	39.17	8.979	77.70

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 21

Reach 2

Hydrograph type	=	Reach	Peak discharge	=	138.71 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.27 hrs
Time interval	=	2 min	Hyd. volume	=	109,126 cuft
Inflow hyd. No.	=	20 - Combine A2, G, & R1	Section type	=	Trapezoidal
Reach length	=	834.0 ft	Channel slope	=	0.27 %
Manning's n	=	0.025	Bottom width	=	8.00 ft
Side slope	=	2.0:1	Max. depth	=	2.00 ft
Rating curve x	=	0.774	Rating curve m	=	1.413
Ave. velocity	=	3.55 ft/s	Routing coeff.	=	0.5307

Modified Att-Kin routing method used.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Outflow cfs
12.07	97.16	71.23
12.10	114.77	84.99
12.13	129.14	100.80
12.17	138.75	115.84
12.20	142.43 <<	128.00
12.23	141.40	135.66
12.27	136.37	138.71 <<
12.30	128.23	137.46
12.33	118.32	132.56
12.37	107.41	125.00
12.40	96.32	115.66
12.43	86.03	105.40
12.47	77.70	95.12
12.50	70.76	85.87
12.53	64.60	77.85
12.57	58.97	70.82

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 22

Pond K

Hydrograph type	=	Reservoir	Peak discharge	=	17.70 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.17 hrs
Time interval	=	2 min	Hyd. volume	=	16,222 cuft
Inflow hyd. No.	=	15 - PR-K	Reservoir name	=	Pond K
Max. Elevation	=	335.73 ft	Max. Storage	=	6,043 cuft

Storage Indication method used. Wet pond routing start elevation = 332.80 ft.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.00	10.61	335.46	-----	1.406	-----	-----	8.279	-----	-----	-----	-----	9.685
12.03	12.87	335.53	-----	1.428	-----	-----	10.23	-----	-----	-----	-----	11.65
12.07	15.25	335.61	-----	1.453	-----	-----	12.54	-----	-----	-----	-----	13.99
12.10	17.09	335.68	-----	1.474	-----	-----	14.78	-----	-----	-----	-----	16.26
12.13	17.86 <<	335.72	-----	1.486	-----	-----	16.04	-----	-----	-----	-----	17.53
12.17	17.52	335.73 <<	-----	1.487	-----	-----	16.21	-----	-----	-----	-----	17.70 <<
12.20	16.44	335.70	-----	1.481	-----	-----	15.47	-----	-----	-----	-----	16.95
12.23	15.00	335.67	-----	1.469	-----	-----	14.20	-----	-----	-----	-----	15.67
12.27	13.42	335.62	-----	1.455	-----	-----	12.70	-----	-----	-----	-----	14.15
12.30	11.79	335.57	-----	1.439	-----	-----	11.18	-----	-----	-----	-----	12.62
12.33	10.27	335.51	-----	1.422	-----	-----	9.678	-----	-----	-----	-----	11.10
12.37	9.038	335.46	-----	1.406	-----	-----	8.311	-----	-----	-----	-----	9.717

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 23

Combine A4 & K

Hydrograph type	=	Combine	Peak discharge	=	164.49 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.20 hrs
Time interval	=	2 min	Hyd. volume	=	132,616 cuft
Inflow hyds.	=	4, 22	Contrib. drain. area	=	37.400 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 4 + (cfs)	Hyd. 22 = (cfs)	Outflow (cfs)
12.00	73.24	9.685	82.93
12.03	86.87	11.65	98.53
12.07	102.00	13.99	115.99
12.10	117.32	16.26	133.58
12.13	131.28	17.53	148.80
12.17	142.02	17.70 <<	159.71
12.20	147.53 <<	16.95	164.49 <<
12.23	147.53	15.67	163.20
12.27	143.58	14.15	157.73
12.30	137.39	12.62	150.01
12.33	129.93	11.10	141.03
12.37	121.33	9.717	131.04
12.40	111.75	8.624	120.37
12.43	101.34	7.803	109.14
12.47	90.55	7.160	97.71
12.50	80.12	6.483	86.60

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 24

Reach 4

Hydrograph type	=	Reach	Peak discharge	=	165.04 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.23 hrs
Time interval	=	2 min	Hyd. volume	=	132,601 cuft
Inflow hyd. No.	=	23 - Combine A4 & K	Section type	=	Trapezoidal
Reach length	=	377.0 ft	Channel slope	=	1.19 %
Manning's n	=	0.025	Bottom width	=	8.00 ft
Side slope	=	2.0:1	Max. depth	=	2.00 ft
Rating curve x	=	1.624	Rating curve m	=	1.413
Ave. velocity	=	6.26 ft/s	Routing coeff.	=	1.1697

Modified Att-Kin routing method used.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Outflow cfs
12.03	98.53	84.80
12.07	115.99	100.86
12.10	133.58	118.56
12.13	148.80	136.12
12.17	159.71	150.95
12.20	164.49 <<	161.20
12.23	163.20	165.04 <<
12.27	157.73	162.89
12.30	150.01	156.85
12.33	141.03	148.85
12.37	131.04	139.70
12.40	120.37	129.58
12.43	109.14	118.81
12.47	97.71	107.50
12.50	86.60	96.05
12.53	76.73	85.00

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 25

Pond J

Hydrograph type	= Reservoir	Peak discharge	= 13.41 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 16,187 cuft
Inflow hyd. No.	= 14 - PR-J	Reservoir name	= Pond J
Max. Elevation	= 329.64 ft	Max. Storage	= 8,014 cuft

Storage Indication method used. Wet pond routing start elevation = 328.80 ft.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.00	8.380	329.43	-----	-----	-----	-----	7.309	-----	-----	-----	-----	7.309
12.03	10.07	329.48	-----	-----	-----	-----	8.730	-----	-----	-----	-----	8.730
12.07	11.81	329.54	-----	-----	-----	-----	10.37	-----	-----	-----	-----	10.37
12.10	13.14	329.59	-----	-----	-----	-----	11.93	-----	-----	-----	-----	11.93
12.13	13.64 <<	329.63	-----	-----	-----	-----	13.12	-----	-----	-----	-----	13.12
12.17	13.31	329.64 <<	-----	-----	-----	-----	13.41	-----	-----	-----	-----	13.41 <<
12.20	12.42	329.63	-----	-----	-----	-----	12.96	-----	-----	-----	-----	12.96
12.23	11.28	329.60	-----	-----	-----	-----	12.05	-----	-----	-----	-----	12.05
12.27	10.04	329.56	-----	-----	-----	-----	11.02	-----	-----	-----	-----	11.02
12.30	8.774	329.52	-----	-----	-----	-----	9.822	-----	-----	-----	-----	9.822
12.33	7.610	329.47	-----	-----	-----	-----	8.612	-----	-----	-----	-----	8.612
12.37	6.669	329.43	-----	-----	-----	-----	7.519	-----	-----	-----	-----	7.519

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 26

Combine A3, J, R2, & R4

Hydrograph type	=	Combine	Peak discharge	=	382.10 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.23 hrs
Time interval	=	2 min	Hyd. volume	=	316,576 cuft
Inflow hyds.	=	3, 21, 24, 25	Contrib. drain. area	=	16.820 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 3 + (cfs)	Hyd. 21 + (cfs)	Hyd. 24 + (cfs)	Hyd. 25 = (cfs)	Outflow (cfs)
12.03	41.37	60.21	84.80	8.730	195.11
12.07	48.43	71.23	100.86	10.37	230.89
12.10	55.57	84.99	118.56	11.93	271.06
12.13	62.04	100.80	136.12	13.12	312.08
12.17	66.98	115.84	150.95	13.41 <<	347.19
12.20	69.46 <<	128.00	161.20	12.96	371.62
12.23	69.35	135.66	165.04 <<	12.05	382.10 <<
12.27	67.39	138.71 <<	162.89	11.02	380.00
12.30	64.40	137.46	156.85	9.822	368.54
12.33	60.82	132.56	148.85	8.612	350.85
12.37	56.72	125.00	139.70	7.519	328.94
12.40	52.17	115.66	129.58	6.628	304.04
12.43	47.25	105.40	118.81	6.033	277.49
12.47	42.16	95.12	107.50	5.485	250.27
12.50	37.26	85.87	96.05	4.960	224.15
12.53	32.96	77.85	85.00	4.448	200.26

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 27

Reach 3

Hydrograph type	=	Reach	Peak discharge	=	376.27 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.30 hrs
Time interval	=	2 min	Hyd. volume	=	316,574 cuft
Inflow hyd. No.	=	26 - Combine A3, J, R2, & R4	Section type	=	Trapezoidal
Reach length	=	1164.0 ft	Channel slope	=	0.52 %
Manning's n	=	0.025	Bottom width	=	8.00 ft
Side slope	=	2.0:1	Max. depth	=	2.00 ft
Rating curve x	=	1.074	Rating curve m	=	1.413
Ave. velocity	=	5.98 ft/s	Routing coeff.	=	0.6067

Modified Att-Kin routing method used.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Outflow cfs
12.10	271.06	210.35
12.13	312.08	247.18
12.17	347.19	286.56
12.20	371.62	323.34
12.23	382.10 <<	352.63
12.27	380.00	370.51
12.30	368.54	376.27 <<
12.33	350.85	371.58
12.37	328.94	359.00
12.40	304.04	340.76
12.43	277.49	318.48
12.47	250.27	293.61
12.50	224.15	267.32
12.53	200.26	241.12
12.57	179.47	216.33
12.60	161.59	193.96

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 28

Design Point A

Hydrograph type	=	Combine	Peak discharge	=	477.89 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.27 hrs
Time interval	=	2 min	Hyd. volume	=	419,007 cuft
Inflow hyds.	=	5, 27	Contrib. drain. area	=	28.480 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 5 + (cfs)	Hyd. 27 = (cfs)	Outflow (cfs)
12.03	98.54	153.28	251.83
12.07	117.75	178.66	296.41
12.10	133.01	210.35	343.36
12.13	139.93 <<	247.18	387.11
12.17	138.06	286.56	424.61
12.20	130.21	323.34	453.55
12.23	119.42	352.63	472.05
12.27	107.37	370.51	477.89 <<
12.30	94.82	376.27 <<	471.10
12.33	83.03	371.58	454.61
12.37	73.34	359.00	432.34
12.40	66.01	340.76	406.77
12.43	60.12	318.48	378.60
12.47	54.66	293.61	348.27
12.50	49.13	267.32	316.44
12.53	43.65	241.12	284.77
12.57	38.47	216.33	254.80

...End

Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 29

Pond H

Hydrograph type	=	Reservoir	Peak discharge	=	33.59 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.37 hrs
Time interval	=	2 min	Hyd. volume	=	57,178 cuft
Inflow hyd. No.	=	12 - PR-H	Reservoir name	=	Pond H ALT
Max. Elevation	=	313.54 ft	Max. Storage	=	108,814 cuft

Storage Indication method used. Wet pond routing start elevation = 309.45 ft.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.10	49.20	312.84	20.77	0.357	-----	-----	1.344	19.07	-----	-----	-----	20.77
12.13	53.47	312.98	27.97	0.230	-----	-----	4.474	23.26	-----	-----	-----	27.96
12.17	55.15 <<	313.10	30.57	0.163	-----	-----	8.003	22.40	-----	-----	-----	30.57
12.20	54.18	313.22	31.99	0.118	-----	-----	11.03	20.83	-----	-----	-----	31.99
12.23	51.41	313.33	32.59	0.100	-----	-----	12.34	20.15	-----	-----	-----	32.59
12.27	47.72	313.41	33.06	0.087	-----	-----	13.34	19.63	-----	-----	-----	33.06
12.30	43.61	313.48	33.34	0.081	-----	-----	13.87	19.38	-----	-----	-----	33.34
12.33	39.16	313.52	33.52	0.077	-----	-----	14.21	19.23	-----	-----	-----	33.51
12.37	34.61	313.54 <<	33.59	0.075	-----	-----	14.35	19.16	-----	-----	-----	33.59 <<
12.40	30.35	313.53	33.57	0.075	-----	-----	14.30	19.19	-----	-----	-----	33.56
12.43	26.77	313.50	33.46	0.078	-----	-----	14.09	19.28	-----	-----	-----	33.45
12.47	23.95	313.46	33.28	0.082	-----	-----	13.75	19.44	-----	-----	-----	33.28
12.50	21.58	313.41	33.05	0.087	-----	-----	13.32	19.64	-----	-----	-----	33.04
12.53	19.38	313.35	32.70	0.097	-----	-----	12.57	20.03	-----	-----	-----	32.70
12.57	17.27	313.28	32.28	0.109	-----	-----	11.67	20.50	-----	-----	-----	32.28
12.60	15.30	313.20	31.78	0.124	-----	-----	10.59	21.07	-----	-----	-----	31.78
12.63	13.55	313.11	30.63	0.161	-----	-----	8.131	22.34	-----	-----	-----	30.63
12.67	12.08	313.02	29.45	0.200	-----	-----	5.610	23.64	-----	-----	-----	29.45
12.70	10.89	312.94	25.96	0.265	-----	-----	3.600	22.09	-----	-----	-----	25.96
12.73	9.956	312.87	22.30	0.330	-----	-----	2.009	19.96	-----	-----	-----	22.30
12.77	9.235	312.81	19.31	0.383	-----	-----	0.708	18.22	-----	-----	-----	19.31
12.80	8.689	312.76	17.49	0.396	-----	-----	0.365	16.72	-----	-----	-----	17.48

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Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 30

Design Point D

Hydrograph type	= Combine	Peak discharge	= 41.65 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 70,695 cuft
Inflow hyds.	= 8, 29	Contrib. drain. area	= 1.960 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 8 + (cfs)	Hyd. 29 = (cfs)	Outflow (cfs)
12.03	10.72	10.87	21.59
12.07	12.48	15.20	27.68
12.10	13.13 <<	20.77	33.91
12.13	12.51	27.96	40.48
12.17	11.08	30.57	41.65 <<
12.20	9.390	31.99	41.38
12.23	7.864	32.59	40.45
12.27	6.708	33.06	39.77
12.30	5.950	33.34	39.29
12.33	5.433	33.51	38.95
12.37	4.994	33.59 <<	38.58
12.40	4.555	33.56	38.12
12.43	4.113	33.45	37.57
12.47	3.670	33.28	36.95
12.50	3.226	33.04	36.27
12.53	2.798	32.70	35.49
12.57	2.419	32.28	34.70
12.60	2.123	31.78	33.90
12.63	1.917	30.63	32.55
12.67	1.780	29.45	31.23
12.70	1.694	25.96	27.65
12.73	1.638	22.30	23.94
12.77	1.592	19.31	20.90

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Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 31

Pond I

Hydrograph type	=	Reservoir	Peak discharge	=	1.199 cfs
Storm frequency	=	100 yrs	Time to peak	=	20.83 hrs
Time interval	=	2 min	Hyd. volume	=	47,883 cuft
Inflow hyd. No.	=	13 - PR-I	Reservoir name	=	Pond I
Max. Elevation	=	302.03 ft	Max. Storage	=	256,734 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.13	2.105	301.82	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
17.17	2.089	301.83	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
17.20	2.072	301.83	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
17.23	2.056	301.84	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
17.27	2.039	301.84	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
17.30	2.023	301.84	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
17.33	2.006	301.85	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
17.37	1.989	301.85	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
17.40	1.973	301.86	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
17.43	1.956	301.86	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
17.47	1.940	301.86	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
17.50	1.923	301.87	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
17.53	1.907	301.87	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
17.57	1.890	301.87	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
17.60	1.874	301.88	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
17.63	1.857	301.88	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
17.67	1.840	301.88	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
17.70	1.824	301.89	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
17.73	1.807	301.89	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
17.77	1.791	301.89	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
17.80	1.774	301.90	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
17.83	1.758	301.90	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
17.87	1.741	301.90	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
17.90	1.724	301.91	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
17.93	1.708	301.91	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
17.97	1.691	301.91	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
18.00	1.675	301.91	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
18.03	1.658	301.92	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
18.07	1.643	301.92	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
18.10	1.629	301.92	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
18.13	1.616	301.93	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
18.17	1.606	301.93	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
18.20	1.597	301.93	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
18.23	1.590	301.93	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
18.27	1.583	301.94	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
18.30	1.578	301.94	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
18.33	1.573	301.94	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
18.37	1.568	301.94	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
18.40	1.563	301.95	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
18.43	1.558	301.95	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
18.47	1.553	301.95	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
18.50	1.548	301.95	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.53	1.543	301.96	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
18.57	1.538	301.96	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
18.60	1.533	301.96	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
18.63	1.528	301.96	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
18.67	1.523	301.97	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
18.70	1.518	301.97	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
18.73	1.513	301.97	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
18.77	1.509	301.97	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
18.80	1.504	301.98	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
18.83	1.499	301.98	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
18.87	1.494	301.98	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
18.90	1.489	301.98	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
18.93	1.484	301.99	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
18.97	1.479	301.99	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
19.00	1.474	301.99	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
19.03	1.469	301.99	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
19.07	1.464	301.99	0.616	0.608	-----	-----	-----	-----	-----	-----	-----	0.608
19.10	1.459	302.00	0.616	0.608	-----	-----	-----	-----	-----	-----	-----	0.608
19.13	1.454	302.00	0.616	0.608	-----	-----	-----	-----	-----	-----	-----	0.608
19.17	1.449	302.00	0.639	0.608	-----	-----	0.023	-----	-----	-----	-----	0.631
19.20	1.444	302.00	0.672	0.608	-----	-----	0.056	-----	-----	-----	-----	0.664
19.23	1.439	302.00	0.702	0.608	-----	-----	0.086	-----	-----	-----	-----	0.694
19.27	1.434	302.01	0.732	0.608	-----	-----	0.116	-----	-----	-----	-----	0.724
19.30	1.429	302.01	0.759	0.608	-----	-----	0.143	-----	-----	-----	-----	0.752
19.33	1.424	302.01	0.786	0.608	-----	-----	0.170	-----	-----	-----	-----	0.779
19.37	1.419	302.01	0.812	0.608	-----	-----	0.196	-----	-----	-----	-----	0.804
19.40	1.414	302.01	0.836	0.608	-----	-----	0.220	-----	-----	-----	-----	0.828
19.43	1.409	302.01	0.859	0.608	-----	-----	0.243	-----	-----	-----	-----	0.851
19.47	1.404	302.01	0.881	0.608	-----	-----	0.265	-----	-----	-----	-----	0.873
19.50	1.400	302.02	0.902	0.609	-----	-----	0.286	-----	-----	-----	-----	0.894
19.53	1.395	302.02	0.921	0.609	-----	-----	0.305	-----	-----	-----	-----	0.914
19.57	1.390	302.02	0.941	0.609	-----	-----	0.325	-----	-----	-----	-----	0.933
19.60	1.385	302.02	0.959	0.609	-----	-----	0.343	-----	-----	-----	-----	0.951
19.63	1.380	302.02	0.975	0.609	-----	-----	0.359	-----	-----	-----	-----	0.968
19.67	1.375	302.02	0.992	0.609	-----	-----	0.376	-----	-----	-----	-----	0.984
19.70	1.370	302.02	1.007	0.609	-----	-----	0.391	-----	-----	-----	-----	1.000
19.73	1.365	302.02	1.022	0.609	-----	-----	0.406	-----	-----	-----	-----	1.014
19.77	1.360	302.02	1.035	0.609	-----	-----	0.419	-----	-----	-----	-----	1.028
19.80	1.355	302.02	1.049	0.609	-----	-----	0.432	-----	-----	-----	-----	1.041
19.83	1.350	302.02	1.061	0.609	-----	-----	0.444	-----	-----	-----	-----	1.054
19.87	1.345	302.03	1.072	0.609	-----	-----	0.456	-----	-----	-----	-----	1.065
19.90	1.340	302.03	1.083	0.609	-----	-----	0.467	-----	-----	-----	-----	1.076
19.93	1.335	302.03	1.093	0.609	-----	-----	0.477	-----	-----	-----	-----	1.086
19.97	1.330	302.03	1.103	0.609	-----	-----	0.487	-----	-----	-----	-----	1.096
20.00	1.325	302.03	1.112	0.609	-----	-----	0.496	-----	-----	-----	-----	1.105
20.03	1.320	302.03	1.121	0.609	-----	-----	0.505	-----	-----	-----	-----	1.114
20.07	1.315	302.03	1.129	0.609	-----	-----	0.513	-----	-----	-----	-----	1.122
20.10	1.310	302.03	1.136	0.609	-----	-----	0.520	-----	-----	-----	-----	1.130
20.13	1.305	302.03	1.143	0.609	-----	-----	0.527	-----	-----	-----	-----	1.137
20.17	1.300	302.03	1.150	0.609	-----	-----	0.534	-----	-----	-----	-----	1.143
20.20	1.295	302.03	1.156	0.609	-----	-----	0.540	-----	-----	-----	-----	1.149
20.23	1.290	302.03	1.162	0.609	-----	-----	0.546	-----	-----	-----	-----	1.155
20.27	1.285	302.03	1.167	0.609	-----	-----	0.551	-----	-----	-----	-----	1.160
20.30	1.280	302.03	1.172	0.609	-----	-----	0.556	-----	-----	-----	-----	1.165
20.33	1.275	302.03	1.176	0.609	-----	-----	0.560	-----	-----	-----	-----	1.170
20.37	1.270	302.03	1.181	0.609	-----	-----	0.564	-----	-----	-----	-----	1.174

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
20.40	1.265	302.03	1.184	0.609	-----	-----	0.568	-----	-----	-----	-----	1.177
20.43	1.260	302.03	1.188	0.609	-----	-----	0.572	-----	-----	-----	-----	1.181
20.47	1.255	302.03	1.191	0.609	-----	-----	0.575	-----	-----	-----	-----	1.184
20.50	1.250	302.03	1.194	0.609	-----	-----	0.578	-----	-----	-----	-----	1.187
20.53	1.245	302.03	1.196	0.609	-----	-----	0.580	-----	-----	-----	-----	1.189
20.57	1.241	302.03	1.198	0.609	-----	-----	0.582	-----	-----	-----	-----	1.191
20.60	1.236	302.03	1.200	0.609	-----	-----	0.584	-----	-----	-----	-----	1.193
20.63	1.231	302.03	1.201	0.609	-----	-----	0.585	-----	-----	-----	-----	1.195
20.67	1.226	302.03	1.203	0.609	-----	-----	0.587	-----	-----	-----	-----	1.196
20.70	1.221	302.03	1.204	0.609	-----	-----	0.588	-----	-----	-----	-----	1.197
20.73	1.216	302.03	1.205	0.609	-----	-----	0.588	-----	-----	-----	-----	1.198
20.77	1.211	302.03	1.205	0.609	-----	-----	0.589	-----	-----	-----	-----	1.198
20.80	1.206	302.03	1.206	0.609	-----	-----	0.590	-----	-----	-----	-----	1.199
20.83	1.201	302.03 <<	1.206	0.609	-----	-----	0.590	-----	-----	-----	-----	1.199 <<
20.87	1.196	302.03	1.206	0.609	-----	-----	0.590	-----	-----	-----	-----	1.199
20.90	1.191	302.03	1.206	0.609	-----	-----	0.590	-----	-----	-----	-----	1.199
20.93	1.186	302.03	1.205	0.609	-----	-----	0.589	-----	-----	-----	-----	1.198
20.97	1.181	302.03	1.205	0.609	-----	-----	0.588	-----	-----	-----	-----	1.198
21.00	1.176	302.03	1.203	0.609	-----	-----	0.587	-----	-----	-----	-----	1.197
21.03	1.171	302.03	1.203	0.609	-----	-----	0.587	-----	-----	-----	-----	1.196
21.07	1.166	302.03	1.202	0.609	-----	-----	0.586	-----	-----	-----	-----	1.195
21.10	1.161	302.03	1.200	0.609	-----	-----	0.584	-----	-----	-----	-----	1.194
21.13	1.156	302.03	1.199	0.609	-----	-----	0.583	-----	-----	-----	-----	1.192
21.17	1.151	302.03	1.197	0.609	-----	-----	0.581	-----	-----	-----	-----	1.191
21.20	1.146	302.03	1.196	0.609	-----	-----	0.580	-----	-----	-----	-----	1.189
21.23	1.141	302.03	1.194	0.609	-----	-----	0.578	-----	-----	-----	-----	1.187
21.27	1.136	302.03	1.192	0.609	-----	-----	0.576	-----	-----	-----	-----	1.185
21.30	1.131	302.03	1.190	0.609	-----	-----	0.574	-----	-----	-----	-----	1.183
21.33	1.126	302.03	1.188	0.609	-----	-----	0.572	-----	-----	-----	-----	1.181
21.37	1.121	302.03	1.185	0.609	-----	-----	0.569	-----	-----	-----	-----	1.179
21.40	1.116	302.03	1.183	0.609	-----	-----	0.567	-----	-----	-----	-----	1.176
21.43	1.111	302.03	1.181	0.609	-----	-----	0.564	-----	-----	-----	-----	1.174
21.47	1.106	302.03	1.178	0.609	-----	-----	0.562	-----	-----	-----	-----	1.171
21.50	1.101	302.03	1.176	0.609	-----	-----	0.560	-----	-----	-----	-----	1.169
21.53	1.096	302.03	1.173	0.609	-----	-----	0.557	-----	-----	-----	-----	1.166
21.57	1.091	302.03	1.170	0.609	-----	-----	0.554	-----	-----	-----	-----	1.163
21.60	1.086	302.03	1.167	0.609	-----	-----	0.551	-----	-----	-----	-----	1.160
21.63	1.081	302.03	1.164	0.609	-----	-----	0.548	-----	-----	-----	-----	1.157
21.67	1.076	302.03	1.161	0.609	-----	-----	0.545	-----	-----	-----	-----	1.154
21.70	1.071	302.03	1.158	0.609	-----	-----	0.542	-----	-----	-----	-----	1.151
21.73	1.066	302.03	1.154	0.609	-----	-----	0.538	-----	-----	-----	-----	1.147
21.77	1.061	302.03	1.151	0.609	-----	-----	0.535	-----	-----	-----	-----	1.144
21.80	1.056	302.03	1.148	0.609	-----	-----	0.532	-----	-----	-----	-----	1.141
21.83	1.051	302.03	1.144	0.609	-----	-----	0.528	-----	-----	-----	-----	1.137
21.87	1.046	302.03	1.141	0.609	-----	-----	0.525	-----	-----	-----	-----	1.134
21.90	1.041	302.03	1.137	0.609	-----	-----	0.521	-----	-----	-----	-----	1.130
21.93	1.036	302.03	1.134	0.609	-----	-----	0.518	-----	-----	-----	-----	1.127
21.97	1.031	302.03	1.130	0.609	-----	-----	0.514	-----	-----	-----	-----	1.123
22.00	1.026	302.03	1.126	0.609	-----	-----	0.510	-----	-----	-----	-----	1.119
22.03	1.127	302.03	1.124	0.609	-----	-----	0.508	-----	-----	-----	-----	1.117
22.07	1.232	302.03	1.127	0.609	-----	-----	0.511	-----	-----	-----	-----	1.120
22.10	1.340	302.03	1.134	0.609	-----	-----	0.518	-----	-----	-----	-----	1.127
22.13	1.452	302.03	1.144	0.609	-----	-----	0.528	-----	-----	-----	-----	1.137
22.17	1.401	302.03	1.155	0.609	-----	-----	0.539	-----	-----	-----	-----	1.149
22.20	1.348	302.03	1.164	0.609	-----	-----	0.548	-----	-----	-----	-----	1.158
22.23	1.293	302.03	1.171	0.609	-----	-----	0.555	-----	-----	-----	-----	1.164

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
22.27	1.236	302.03	1.175	0.609	-----	-----	0.558	-----	-----	-----	-----	1.168
22.30	1.177	302.03	1.176	0.609	-----	-----	0.560	-----	-----	-----	-----	1.170
22.33	1.117	302.03	1.176	0.609	-----	-----	0.560	-----	-----	-----	-----	1.169
22.37	1.055	302.03	1.172	0.609	-----	-----	0.556	-----	-----	-----	-----	1.165
22.40	1.051	302.03	1.168	0.609	-----	-----	0.552	-----	-----	-----	-----	1.161
22.43	1.047	302.03	1.163	0.609	-----	-----	0.547	-----	-----	-----	-----	1.156
22.47	1.043	302.03	1.159	0.609	-----	-----	0.543	-----	-----	-----	-----	1.152
22.50	1.040	302.03	1.154	0.609	-----	-----	0.538	-----	-----	-----	-----	1.148
22.53	1.036	302.03	1.150	0.609	-----	-----	0.534	-----	-----	-----	-----	1.143
22.57	1.032	302.03	1.146	0.609	-----	-----	0.530	-----	-----	-----	-----	1.139
22.60	1.028	302.03	1.142	0.609	-----	-----	0.526	-----	-----	-----	-----	1.135
22.63	1.025	302.03	1.137	0.609	-----	-----	0.521	-----	-----	-----	-----	1.130
22.67	1.021	302.03	1.133	0.609	-----	-----	0.517	-----	-----	-----	-----	1.126
22.70	1.017	302.03	1.129	0.609	-----	-----	0.513	-----	-----	-----	-----	1.122
22.73	1.013	302.03	1.125	0.609	-----	-----	0.509	-----	-----	-----	-----	1.118
22.77	1.010	302.03	1.121	0.609	-----	-----	0.504	-----	-----	-----	-----	1.114
22.80	1.006	302.03	1.116	0.609	-----	-----	0.500	-----	-----	-----	-----	1.109
22.83	1.002	302.03	1.112	0.609	-----	-----	0.496	-----	-----	-----	-----	1.105
22.87	0.999	302.03	1.108	0.609	-----	-----	0.492	-----	-----	-----	-----	1.101
22.90	0.995	302.03	1.104	0.609	-----	-----	0.488	-----	-----	-----	-----	1.097
22.93	0.991	302.03	1.100	0.609	-----	-----	0.484	-----	-----	-----	-----	1.093
22.97	0.987	302.03	1.095	0.609	-----	-----	0.479	-----	-----	-----	-----	1.089
23.00	0.984	302.03	1.092	0.609	-----	-----	0.476	-----	-----	-----	-----	1.085
23.03	0.980	302.03	1.087	0.609	-----	-----	0.471	-----	-----	-----	-----	1.080
23.07	0.976	302.03	1.083	0.609	-----	-----	0.467	-----	-----	-----	-----	1.076
23.10	0.972	302.03	1.080	0.609	-----	-----	0.464	-----	-----	-----	-----	1.072
23.13	0.969	302.03	1.075	0.609	-----	-----	0.459	-----	-----	-----	-----	1.068
23.17	0.965	302.03	1.071	0.609	-----	-----	0.455	-----	-----	-----	-----	1.064
23.20	0.961	302.03	1.068	0.609	-----	-----	0.452	-----	-----	-----	-----	1.060
23.23	0.957	302.03	1.063	0.609	-----	-----	0.447	-----	-----	-----	-----	1.056
23.27	0.954	302.02	1.059	0.609	-----	-----	0.443	-----	-----	-----	-----	1.052
23.30	0.950	302.02	1.056	0.609	-----	-----	0.440	-----	-----	-----	-----	1.048
23.33	0.946	302.02	1.051	0.609	-----	-----	0.435	-----	-----	-----	-----	1.044
23.37	0.942	302.02	1.047	0.609	-----	-----	0.431	-----	-----	-----	-----	1.040
23.40	0.939	302.02	1.044	0.609	-----	-----	0.428	-----	-----	-----	-----	1.036
23.43	0.935	302.02	1.040	0.609	-----	-----	0.424	-----	-----	-----	-----	1.032
23.47	0.931	302.02	1.035	0.609	-----	-----	0.419	-----	-----	-----	-----	1.028
23.50	0.927	302.02	1.032	0.609	-----	-----	0.416	-----	-----	-----	-----	1.025
23.53	0.924	302.02	1.028	0.609	-----	-----	0.412	-----	-----	-----	-----	1.021
23.57	0.920	302.02	1.024	0.609	-----	-----	0.408	-----	-----	-----	-----	1.017
23.60	0.916	302.02	1.020	0.609	-----	-----	0.404	-----	-----	-----	-----	1.013
23.63	0.912	302.02	1.016	0.609	-----	-----	0.400	-----	-----	-----	-----	1.009
23.67	0.909	302.02	1.012	0.609	-----	-----	0.396	-----	-----	-----	-----	1.005
23.70	0.905	302.02	1.008	0.609	-----	-----	0.392	-----	-----	-----	-----	1.001
23.73	0.901	302.02	1.004	0.609	-----	-----	0.388	-----	-----	-----	-----	0.997
23.77	0.897	302.02	1.001	0.609	-----	-----	0.384	-----	-----	-----	-----	0.993
23.80	0.894	302.02	0.997	0.609	-----	-----	0.381	-----	-----	-----	-----	0.989
23.83	0.890	302.02	0.993	0.609	-----	-----	0.377	-----	-----	-----	-----	0.986
23.87	0.886	302.02	0.989	0.609	-----	-----	0.373	-----	-----	-----	-----	0.982
23.90	0.882	302.02	0.985	0.609	-----	-----	0.369	-----	-----	-----	-----	0.978
23.93	0.879	302.02	0.981	0.609	-----	-----	0.365	-----	-----	-----	-----	0.974
23.97	0.875	302.02	0.978	0.609	-----	-----	0.362	-----	-----	-----	-----	0.970
24.00	0.871	302.02	0.974	0.609	-----	-----	0.358	-----	-----	-----	-----	0.966
24.03	0.829	302.02	0.969	0.609	-----	-----	0.353	-----	-----	-----	-----	0.962
24.07	0.747	302.02	0.962	0.609	-----	-----	0.346	-----	-----	-----	-----	0.955
24.10	0.628	302.02	0.951	0.609	-----	-----	0.335	-----	-----	-----	-----	0.944

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.13	0.470	302.02	0.936	0.609	-----	-----	0.320	-----	-----	-----	-----	0.929
24.17	0.335	302.02	0.915	0.609	-----	-----	0.299	-----	-----	-----	-----	0.908
24.20	0.223	302.02	0.890	0.609	-----	-----	0.274	-----	-----	-----	-----	0.883
24.23	0.134	302.01	0.862	0.608	-----	-----	0.247	-----	-----	-----	-----	0.855
24.27	0.067	302.01	0.832	0.608	-----	-----	0.217	-----	-----	-----	-----	0.825
24.30	0.022	302.01	0.802	0.608	-----	-----	0.186	-----	-----	-----	-----	0.794
24.33	0.000	302.01	0.771	0.608	-----	-----	0.155	-----	-----	-----	-----	0.763
24.37	0.000	302.01	0.741	0.608	-----	-----	0.125	-----	-----	-----	-----	0.733
24.40	0.000	302.01	0.712	0.608	-----	-----	0.096	-----	-----	-----	-----	0.704
24.43	0.000	302.00	0.684	0.608	-----	-----	0.068	-----	-----	-----	-----	0.676
24.47	0.000	302.00	0.657	0.608	-----	-----	0.041	-----	-----	-----	-----	0.649
24.50	0.000	302.00	0.632	0.608	-----	-----	0.016	-----	-----	-----	-----	0.624
24.53	0.000	302.00	0.616	0.608	-----	-----	-----	-----	-----	-----	-----	0.608
24.57	0.000	302.00	0.616	0.608	-----	-----	-----	-----	-----	-----	-----	0.608
24.60	0.000	302.00	0.616	0.608	-----	-----	-----	-----	-----	-----	-----	0.608
24.63	0.000	301.99	0.616	0.608	-----	-----	-----	-----	-----	-----	-----	0.608
24.67	0.000	301.99	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
24.70	0.000	301.99	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
24.73	0.000	301.99	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
24.77	0.000	301.99	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
24.80	0.000	301.99	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
24.83	0.000	301.98	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
24.87	0.000	301.98	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
24.90	0.000	301.98	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
24.93	0.000	301.98	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
24.97	0.000	301.98	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
25.00	0.000	301.98	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
25.03	0.000	301.98	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
25.07	0.000	301.97	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
25.10	0.000	301.97	0.616	0.607	-----	-----	-----	-----	-----	-----	-----	0.607
25.13	0.000	301.97	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
25.17	0.000	301.97	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
25.20	0.000	301.97	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
25.23	0.000	301.97	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
25.27	0.000	301.96	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
25.30	0.000	301.96	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
25.33	0.000	301.96	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
25.37	0.000	301.96	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
25.40	0.000	301.96	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
25.43	0.000	301.96	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
25.47	0.000	301.95	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
25.50	0.000	301.95	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
25.53	0.000	301.95	0.616	0.606	-----	-----	-----	-----	-----	-----	-----	0.606
25.57	0.000	301.95	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
25.60	0.000	301.95	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
25.63	0.000	301.95	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
25.67	0.000	301.94	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
25.70	0.000	301.94	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
25.73	0.000	301.94	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
25.77	0.000	301.94	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
25.80	0.000	301.94	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
25.83	0.000	301.94	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
25.87	0.000	301.93	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
25.90	0.000	301.93	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
25.93	0.000	301.93	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605
25.97	0.000	301.93	0.616	0.605	-----	-----	-----	-----	-----	-----	-----	0.605

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
26.00	0.000	301.93	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
26.03	0.000	301.93	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
26.07	0.000	301.92	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
26.10	0.000	301.92	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
26.13	0.000	301.92	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
26.17	0.000	301.92	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
26.20	0.000	301.92	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
26.23	0.000	301.92	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
26.27	0.000	301.91	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
26.30	0.000	301.91	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
26.33	0.000	301.91	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
26.37	0.000	301.91	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
26.40	0.000	301.91	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
26.43	0.000	301.91	0.616	0.604	-----	-----	-----	-----	-----	-----	-----	0.604
26.47	0.000	301.91	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
26.50	0.000	301.90	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
26.53	0.000	301.90	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
26.57	0.000	301.90	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
26.60	0.000	301.90	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
26.63	0.000	301.90	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
26.67	0.000	301.90	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
26.70	0.000	301.89	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
26.73	0.000	301.89	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
26.77	0.000	301.89	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
26.80	0.000	301.89	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
26.83	0.000	301.89	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
26.87	0.000	301.89	0.616	0.603	-----	-----	-----	-----	-----	-----	-----	0.603
26.90	0.000	301.88	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
26.93	0.000	301.88	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
26.97	0.000	301.88	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
27.00	0.000	301.88	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
27.03	0.000	301.88	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
27.07	0.000	301.88	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
27.10	0.000	301.87	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
27.13	0.000	301.87	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
27.17	0.000	301.87	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
27.20	0.000	301.87	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
27.23	0.000	301.87	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
27.27	0.000	301.87	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
27.30	0.000	301.86	0.616	0.602	-----	-----	-----	-----	-----	-----	-----	0.602
27.33	0.000	301.86	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
27.37	0.000	301.86	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
27.40	0.000	301.86	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
27.43	0.000	301.86	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
27.47	0.000	301.86	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
27.50	0.000	301.86	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
27.53	0.000	301.85	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
27.57	0.000	301.85	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
27.60	0.000	301.85	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
27.63	0.000	301.85	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
27.67	0.000	301.85	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
27.70	0.000	301.85	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
27.73	0.000	301.84	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
27.77	0.000	301.84	0.616	0.601	-----	-----	-----	-----	-----	-----	-----	0.601
27.80	0.000	301.84	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
27.83	0.000	301.84	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
27.87	0.000	301.84	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
27.90	0.000	301.84	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
27.93	0.000	301.83	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
27.97	0.000	301.83	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
28.00	0.000	301.83	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
28.03	0.000	301.83	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
28.07	0.000	301.83	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
28.10	0.000	301.83	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
28.13	0.000	301.82	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
28.17	0.000	301.82	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600
28.20	0.000	301.82	0.616	0.600	-----	-----	-----	-----	-----	-----	-----	0.600

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Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 32

Design Point E

Hydrograph type	=	Combine	Peak discharge	=	43.06 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.27 hrs
Time interval	=	2 min	Hyd. volume	=	86,400 cuft
Inflow hyds.	=	9, 31	Contrib. drain. area	=	10.850 ac

Hydrograph Discharge Table

(Printed values >= 50.00% of Qp.)

Time (hrs)	Hyd. 9 + (cfs)	Hyd. 31 = (cfs)	Outflow (cfs)
12.03	23.40	0.362	23.77
12.07	27.24	0.381	27.62
12.10	31.15	0.397	31.54
12.13	34.93	0.414	35.34
12.17	38.35	0.430	38.78
12.20	41.00	0.445	41.44
12.23	42.43	0.458	42.89
12.27	42.59 <<	0.470	43.06 <<
12.30	41.82	0.480	42.30
12.33	40.51	0.489	40.99
12.37	38.85	0.496	39.34
12.40	36.87	0.503	37.37
12.43	34.62	0.508	35.12
12.47	32.11	0.512	32.62
12.50	29.39	0.516	29.91
12.53	26.51	0.519	27.03
12.57	23.59	0.522	24.11

...End

APPENDIX 9

CHANNEL PROTECTION VOLUME CALCULATIONS & RESERVOIR REPORTS

Hydrograph Report

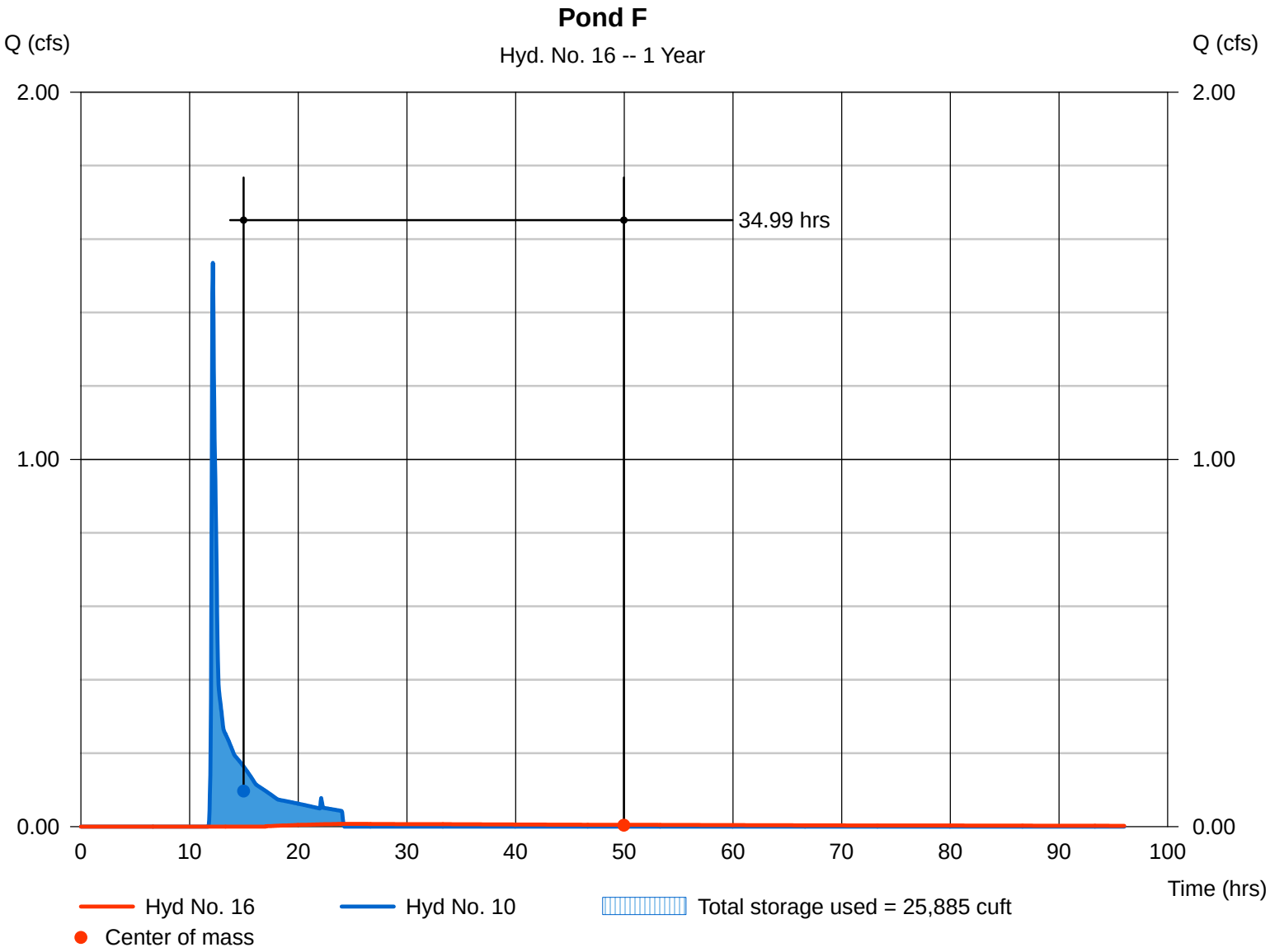
Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 16

Pond F

Hydrograph type	=	Reservoir	Peak discharge	=	0.008 cfs
Storm frequency	=	1 yrs	Time to peak	=	1450 min
Time interval	=	2 min	Hyd. volume	=	1,290 cuft
Inflow hyd. No.	=	10 - PR-F	Max. Elevation	=	374.80 ft
Reservoir name	=	Pond F	Max. Storage	=	25,885 cuft

Storage Indication method used. Wet pond routing start elevation = 374.00 ft.



Hydrograph Report

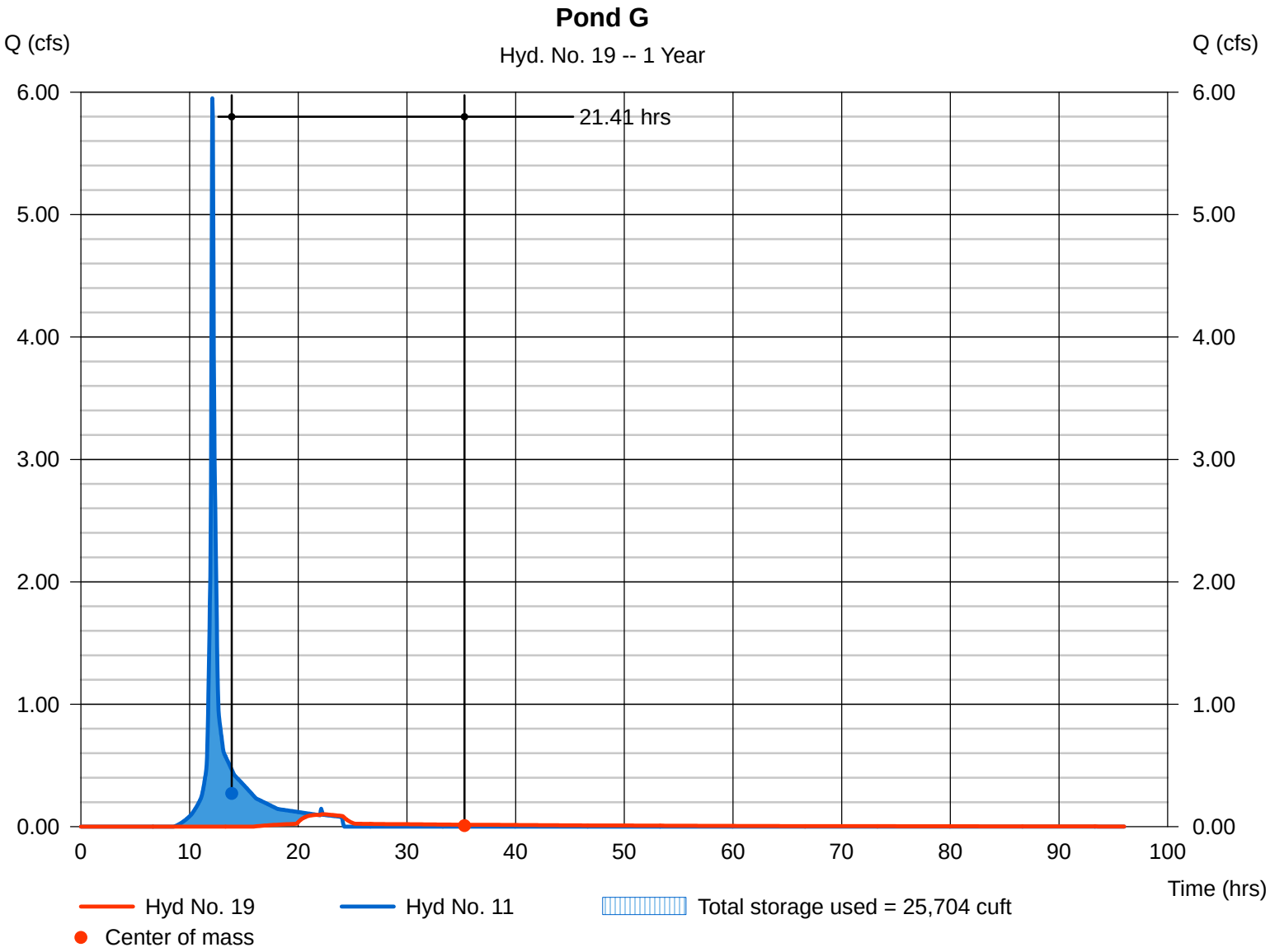
Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 19

Pond G

Hydrograph type	=	Reservoir	Peak discharge	=	0.102 cfs
Storm frequency	=	1 yrs	Time to peak	=	1334 min
Time interval	=	2 min	Hyd. volume	=	3,810 cuft
Inflow hyd. No.	=	11 - PR-G	Max. Elevation	=	336.42 ft
Reservoir name	=	Pond G	Max. Storage	=	25,704 cuft

Storage Indication method used. Wet pond routing start elevation = 334.00 ft.



Hydrograph Report

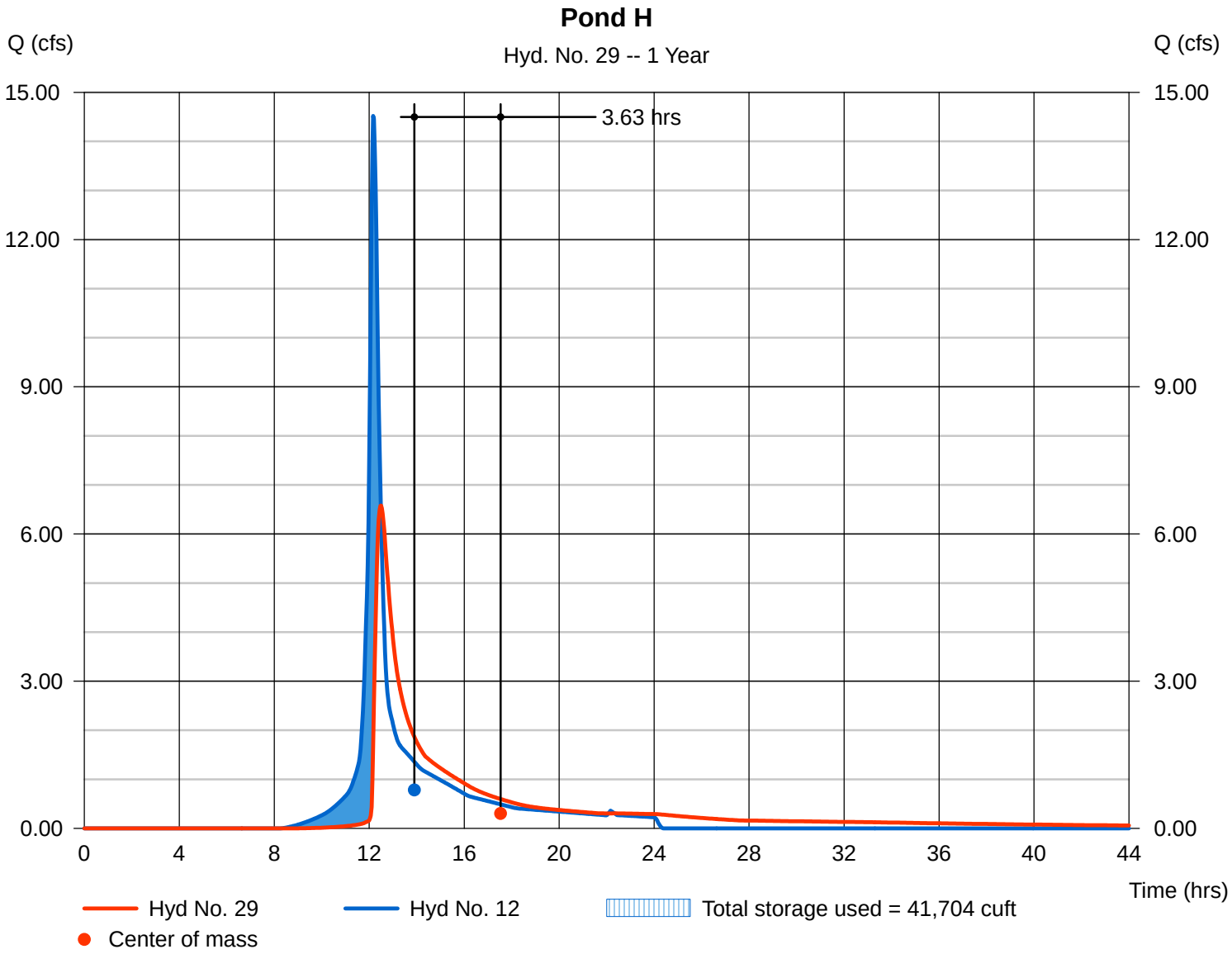
Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 29

Pond H

Hydrograph type	=	Reservoir	Peak discharge	=	6.580 cfs
Storm frequency	=	1 yrs	Time to peak	=	750 min
Time interval	=	2 min	Hyd. volume	=	59,138 cuft
Inflow hyd. No.	=	12 - PR-H	Max. Elevation	=	311.48 ft
Reservoir name	=	Pond H	Max. Storage	=	41,704 cuft

Storage Indication method used. Wet pond routing start elevation = 310.00 ft.



Hydrograph Report

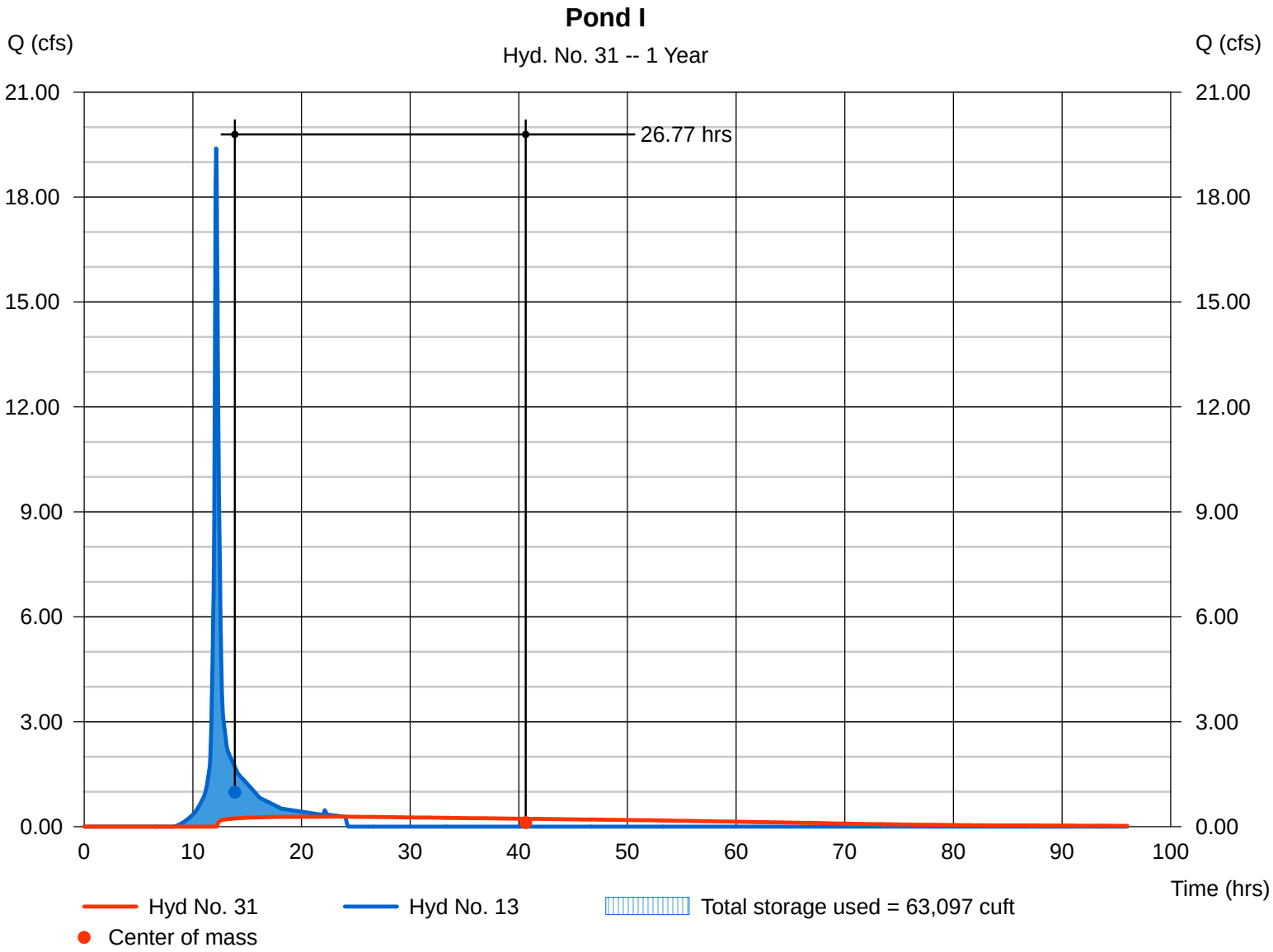
Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 31

Pond I

Hydrograph type	=	Reservoir	Peak discharge	=	0.286 cfs
Storm frequency	=	1 yrs	Time to peak	=	1436 min
Time interval	=	2 min	Hyd. volume	=	47,883 cuft
Inflow hyd. No.	=	13 - PR-I	Max. Elevation	=	296.86 ft
Reservoir name	=	Pond I	Max. Storage	=	63,097 cuft

Storage Indication method used.



Hydrograph Report

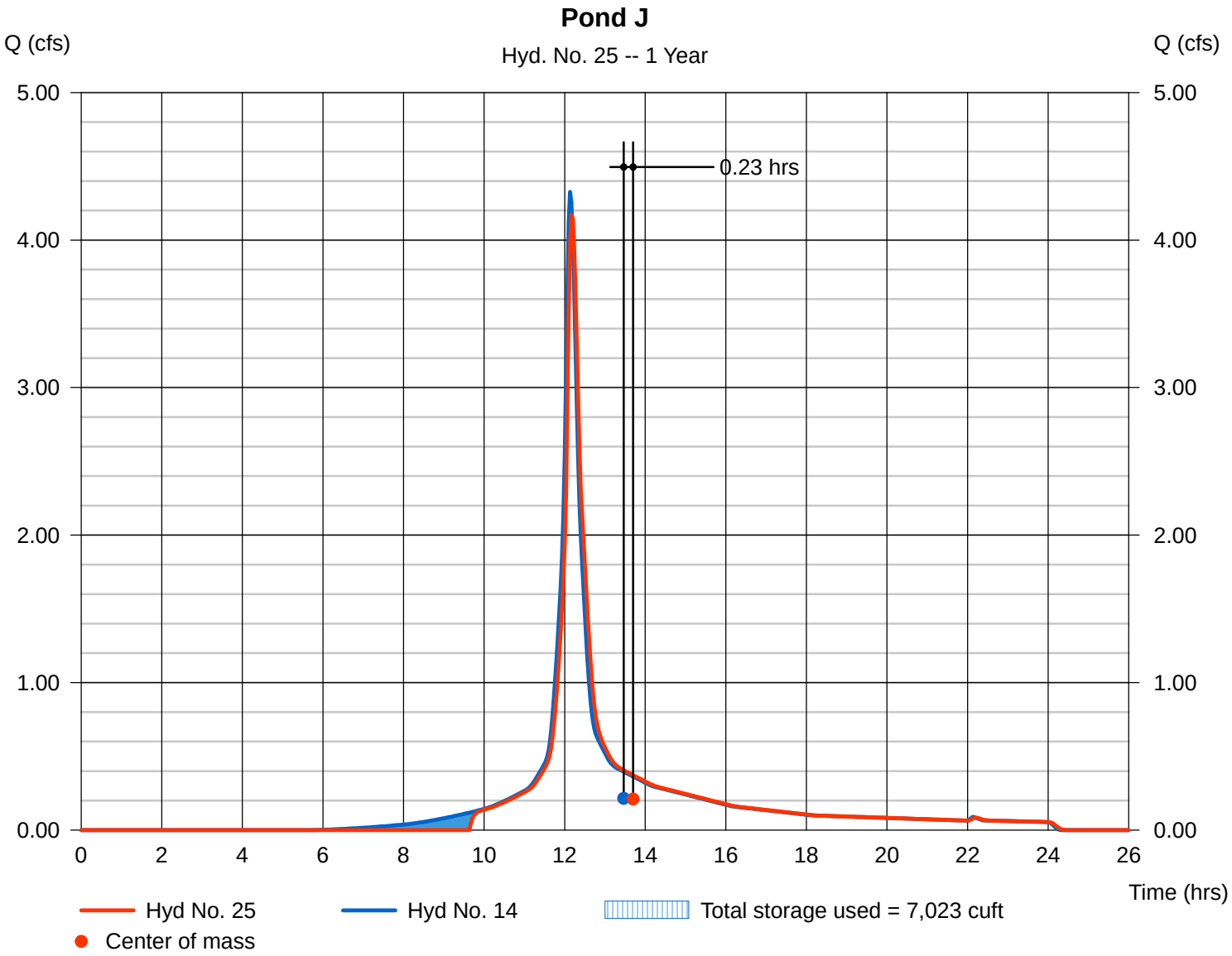
Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Hyd. No. 25

Pond J

Hydrograph type	=	Reservoir	Peak discharge	=	4.171 cfs
Storm frequency	=	1 yrs	Time to peak	=	730 min
Time interval	=	2 min	Hyd. volume	=	16,187 cuft
Inflow hyd. No.	=	14 - PR-J	Max. Elevation	=	329.29 ft
Reservoir name	=	Pond J	Max. Storage	=	7,023 cuft

Storage Indication method used. Wet pond routing start elevation = 328.80 ft.



Hydrograph Report

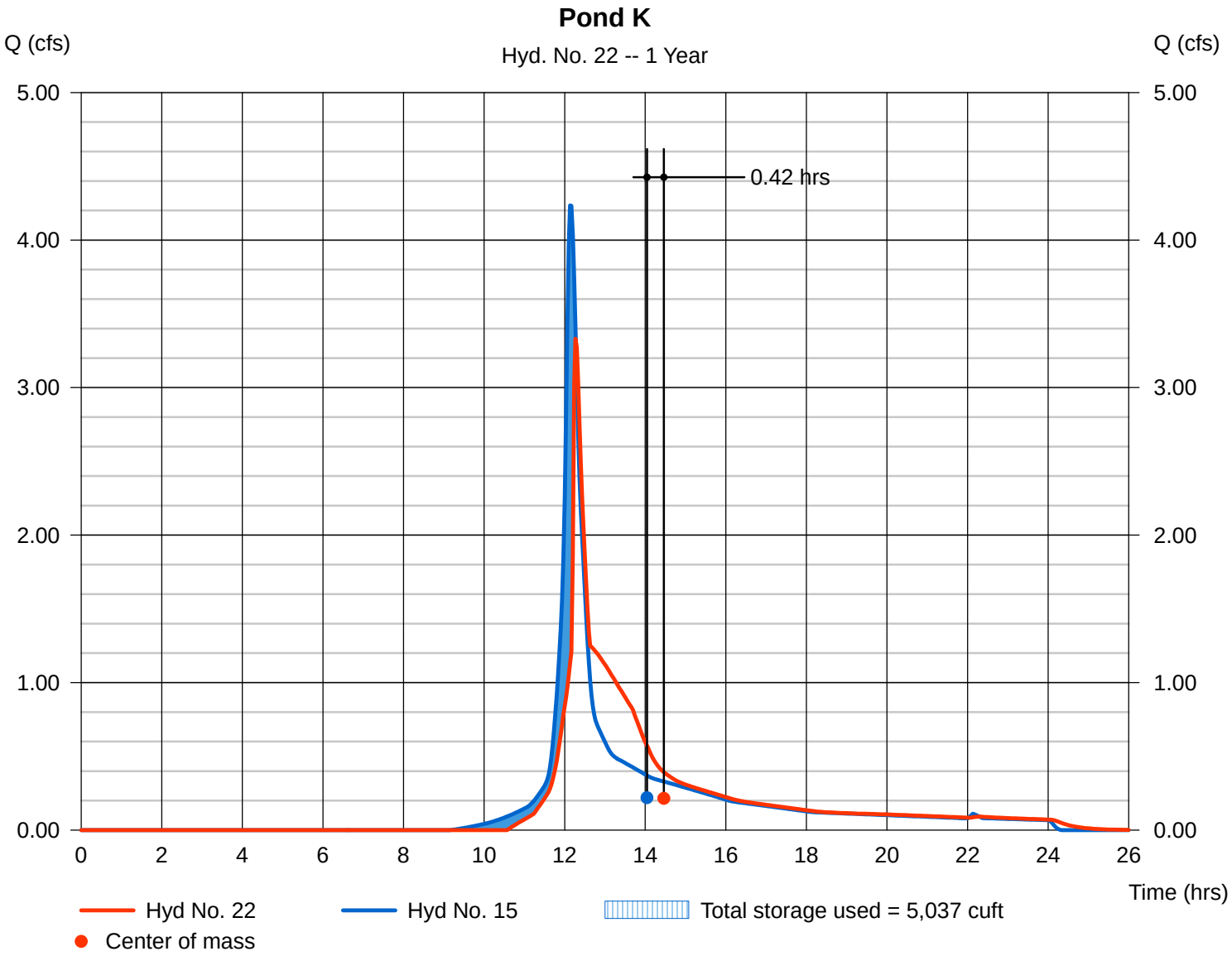
Hydraflow Hydrographs by Intelisolve v9.02 — Wednesday, Jan 19, 2011

Hyd. No. 22

Pond K

Hydrograph type	=	Reservoir	Peak discharge	=	3.332 cfs
Storm frequency	=	1 yrs	Time to peak	=	736 min
Time interval	=	2 min	Hyd. volume	=	16,222 cuft
Inflow hyd. No.	=	15 - PR-K	Max. Elevation	=	335.18 ft
Reservoir name	=	Pond K	Max. Storage	=	5,037 cuft

Storage Indication method used. Wet pond routing start elevation = 332.80 ft.



Pond Report

Hydraflow Hydrographs by Intelisolve v9.02 — Wednesday, Jan 19, 2011

Pond No. 1 - Pond F

Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Begining Elevation = 370.00 ft

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	370.00	2,975	0	0
2.00	372.00	4,690	7,599	7,599
4.00	374.00	6,997	11,609	19,209
6.00	376.00	9,802	16,719	35,927
8.00	378.00	12,788	22,522	58,449
10.00	380.00	15,587	28,326	86,775

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 12.00	6.00	0.00	0.00
Span (in)	= 12.00	6.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 370.00	374.75	0.00	0.00
Length (ft)	= 175.00	0.00	0.00	0.00
Slope (%)	= 1.00	0.00	0.00	n/a
N-Value	= .011	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 12.00	0.00	0.00	25.00
Crest El. (ft)	= 377.00	0.00	0.00	379.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Riser	---	---	Broad
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet and outlet control. Weir risers are checked for orifice conditions.

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	370.00	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
0.20	760	370.20	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
0.40	1,520	370.40	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
0.60	2,280	370.60	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
0.80	3,040	370.80	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
1.00	3,800	371.00	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
1.20	4,560	371.20	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
1.40	5,320	371.40	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
1.60	6,080	371.60	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
1.80	6,840	371.80	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
2.00	7,599	372.00	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
2.20	8,760	372.20	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
2.40	9,921	372.40	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
2.60	11,082	372.60	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
2.80	12,243	372.80	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
3.00	13,404	373.00	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
3.20	14,565	373.20	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
3.40	15,726	373.40	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
3.60	16,887	373.60	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
3.80	18,048	373.80	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
4.00	19,209	374.00	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
4.20	20,881	374.20	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
4.40	22,552	374.40	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
4.60	24,224	374.60	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
4.80	25,896	374.80	0.01	0.01	---	---	0.00	---	---	0.00	---	---	0.01
5.00	27,568	375.00	0.18	0.17	---	---	0.00	---	---	0.00	---	---	0.17
5.20	29,240	375.20	0.44	0.43	---	---	0.00	---	---	0.00	---	---	0.43
5.40	30,912	375.40	0.60	0.60	---	---	0.00	---	---	0.00	---	---	0.60
5.60	32,584	375.60	0.74	0.73	---	---	0.00	---	---	0.00	---	---	0.73
5.80	34,255	375.80	0.86	0.85	---	---	0.00	---	---	0.00	---	---	0.85
6.00	35,927	376.00	0.95	0.95	---	---	0.00	---	---	0.00	---	---	0.95
6.20	38,180	376.20	1.04	1.04	---	---	0.00	---	---	0.00	---	---	1.04
6.40	40,432	376.40	1.13	1.12	---	---	0.00	---	---	0.00	---	---	1.12
6.60	42,684	376.60	1.21	1.20	---	---	0.00	---	---	0.00	---	---	1.20
6.80	44,936	376.80	1.27	1.27	---	---	0.00	---	---	0.00	---	---	1.27
7.00	47,188	377.00	1.35	1.34	---	---	0.00	---	---	0.00	---	---	1.34
7.20	49,440	377.20	4.98	1.40	---	---	3.58	---	---	0.00	---	---	4.98
7.40	51,693	377.40	7.69	0.34	---	---	7.35	---	---	0.00	---	---	7.69
7.60	53,945	377.60	7.83	0.19	---	---	7.64	---	---	0.00	---	---	7.83

Continues on next page...

Pond F

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
7.80	56,197	377.80	7.93	0.13	---	---	7.80	---	---	0.00	---	---	7.92
8.00	58,449	378.00	8.03	0.09	---	---	7.93	---	---	0.00	---	---	8.02
8.20	61,282	378.20	8.12	0.07	---	---	8.04	---	---	0.00	---	---	8.12
8.40	64,114	378.40	8.22	0.06	---	---	8.11	---	---	0.00	---	---	8.17
8.60	66,947	378.60	8.31	0.05	---	---	8.22	---	---	0.00	---	---	8.27
8.80	69,779	378.80	8.39	0.05	---	---	8.33	---	---	0.00	---	---	8.39
9.00	72,612	379.00	8.48	0.05	---	---	8.33	---	---	0.00	---	---	8.38
9.20	75,445	379.20	8.57	0.05	---	---	8.42	---	---	7.45	---	---	15.92
9.40	78,277	379.40	8.65	0.05	---	---	8.51	---	---	21.07	---	---	29.63
9.60	81,110	379.60	8.74	0.05	---	---	8.58	---	---	38.70	---	---	47.34
9.80	83,942	379.80	8.82	0.05	---	---	8.77	---	---	59.58	---	---	68.40
10.00	86,775	380.00	8.91	0.05	---	---	8.81	---	---	83.25	---	---	92.12

...End

Pond Report

Hydraflow Hydrographs by Intelisolve v9.02 — Wednesday, Jan 19, 2011

Pond No. 2 - Pond G

Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Begining Elevation = 332.00 ft

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	332.00	1,905	0	0
2.00	334.00	5,181	6,818	6,818
4.00	336.00	9,180	14,170	20,988
6.00	338.00	13,324	22,373	43,361

Culvert / Orifice Structures

		[A]	[B]	[C]	[PrfRsr]
Rise (in)	=	12.00	4.00	0.00	0.00
Span (in)	=	12.00	4.00	0.00	0.00
No. Barrels	=	1	1	0	0
Invert El. (ft)	=	332.40	336.30	0.00	0.00
Length (ft)	=	40.00	0.00	0.00	0.00
Slope (%)	=	1.00	0.00	0.00	n/a
N-Value	=	.011	.013	.013	n/a
Orifice Coeff.	=	0.60	0.60	0.60	0.60
Multi-Stage	=	n/a	Yes	No	No

Weir Structures

		[A]	[B]	[C]	[D]
Crest Len (ft)	=	12.00	2.00	0.00	25.00
Crest El. (ft)	=	337.25	336.40	0.00	337.75
Weir Coeff.	=	3.33	3.33	3.33	2.60
Weir Type	=	Riser	Rect	---	Broad
Multi-Stage	=	Yes	Yes	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet and outlet control. Weir risers are checked for orifice conditions.

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	332.00	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
0.20	682	332.20	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
0.40	1,364	332.40	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
0.60	2,045	332.60	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
0.80	2,727	332.80	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
1.00	3,409	333.00	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
1.20	4,091	333.20	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
1.40	4,772	333.40	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
1.60	5,454	333.60	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
1.80	6,136	333.80	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
2.00	6,818	334.00	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
2.20	8,235	334.20	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
2.40	9,652	334.40	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
2.60	11,069	334.60	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
2.80	12,486	334.80	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
3.00	13,903	335.00	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
3.20	15,320	335.20	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
3.40	16,737	335.40	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
3.60	18,154	335.60	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
3.80	19,571	335.80	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
4.00	20,988	336.00	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
4.20	23,225	336.20	0.00	0.00	---	---	0.00	0.00	---	0.00	---	---	0.00
4.40	25,463	336.40	0.02	0.02	---	---	0.00	0.00	---	0.00	---	---	0.02
4.60	27,700	336.60	0.76	0.15	---	---	0.00	0.60	---	0.00	---	---	0.75
4.80	29,937	336.80	1.93	0.24	---	---	0.00	1.68	---	0.00	---	---	1.93
5.00	32,175	337.00	3.40	0.31	---	---	0.00	3.10	---	0.00	---	---	3.40
5.20	34,412	337.20	5.13	0.36	---	---	0.00	4.77	---	0.00	---	---	5.13
5.40	36,649	337.40	7.68	0.26	---	---	2.32	5.10	---	0.00	---	---	7.68
5.60	38,887	337.60	8.14	0.10	---	---	4.82	3.22	---	0.00	---	---	8.14
5.80	41,124	337.80	8.35	0.06	---	---	5.62	2.66	---	0.73	---	---	9.07
6.00	43,361	338.00	8.53	0.05	---	---	6.10	2.37	---	8.13	---	---	16.64

Pond Report

Hydraflow Hydrographs by Intelisolve v9.02 — Wednesday, Jan 19, 2011

Pond No. 7 - Pond H ALT

Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Begining Elevation = 306.00 ft

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	306.00	4,017	0	0
2.00	308.00	7,040	10,915	10,915
2.55	308.55	7,887	4,102	15,018
3.45	309.45	15,713	10,419	25,436
4.00	310.00	16,836	8,948	34,385
6.00	312.00	21,589	38,323	72,708
8.00	314.00	25,497	47,027	119,735

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 24.00	3.00	0.00	0.00
Span (in)	= 24.00	3.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 307.50	309.50	0.00	0.00
Length (ft)	= 100.00	0.00	0.00	0.00
Slope (%)	= 1.00	0.00	0.00	n/a
N-Value	= .013	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 12.00	7.50	0.00	0.00
Crest El. (ft)	= 312.75	312.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Riser	Rect	---	---
Multi-Stage	= Yes	Yes	No	No

Exfil.(in/hr) = 0.000 (by Wet area)
TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet and outlet control. Weir risers are checked for orifice conditions.

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	306.00	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
0.20	1,092	306.20	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
0.40	2,183	306.40	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
0.60	3,275	306.60	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
0.80	4,366	306.80	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
1.00	5,458	307.00	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
1.20	6,549	307.20	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
1.40	7,641	307.40	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
1.60	8,732	307.60	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
1.80	9,824	307.80	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
2.00	10,915	308.00	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
2.06	11,326	308.06	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
2.11	11,736	308.11	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
2.17	12,146	308.17	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
2.22	12,556	308.22	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
2.28	12,967	308.28	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
2.33	13,377	308.33	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
2.39	13,787	308.38	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
2.44	14,197	308.44	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
2.50	14,608	308.49	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
2.55	15,018	308.55	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
2.64	16,060	308.64	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
2.73	17,102	308.73	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
2.82	18,143	308.82	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
2.91	19,185	308.91	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
3.00	20,227	309.00	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
3.09	21,269	309.09	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
3.18	22,311	309.18	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
3.27	23,353	309.27	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
3.36	24,395	309.36	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
3.45	25,436	309.45	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
3.51	26,331	309.51	0.00	0.00	---	---	0.00	0.00	---	---	---	---	0.00
3.56	27,226	309.56	0.01	0.01	---	---	0.00	0.00	---	---	---	---	0.01
3.62	28,121	309.62	0.03	0.03	---	---	0.00	0.00	---	---	---	---	0.03
3.67	29,016	309.67	0.06	0.05	---	---	0.00	0.00	---	---	---	---	0.05
3.73	29,911	309.73	0.08	0.08	---	---	0.00	0.00	---	---	---	---	0.08
3.78	30,805	309.78	0.09	0.09	---	---	0.00	0.00	---	---	---	---	0.09
3.84	31,700	309.84	0.11	0.11	---	---	0.00	0.00	---	---	---	---	0.11

Continues on next page...

Pond H ALT

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
3.89	32,595	309.89	0.12	0.12	---	---	0.00	0.00	---	---	---	---	0.12
3.95	33,490	309.94	0.13	0.13	---	---	0.00	0.00	---	---	---	---	0.13
4.00	34,385	310.00	0.15	0.14	---	---	0.00	0.00	---	---	---	---	0.14
4.20	38,217	310.20	0.18	0.18	---	---	0.00	0.00	---	---	---	---	0.18
4.40	42,049	310.40	0.22	0.21	---	---	0.00	0.00	---	---	---	---	0.21
4.60	45,882	310.60	0.24	0.23	---	---	0.00	0.00	---	---	---	---	0.23
4.80	49,714	310.80	0.27	0.26	---	---	0.00	0.00	---	---	---	---	0.26
5.00	53,546	311.00	0.29	0.28	---	---	0.00	0.00	---	---	---	---	0.28
5.20	57,378	311.20	0.30	0.30	---	---	0.00	0.00	---	---	---	---	0.30
5.40	61,211	311.40	0.32	0.31	---	---	0.00	0.00	---	---	---	---	0.31
5.60	65,043	311.60	0.35	0.33	---	---	0.00	0.00	---	---	---	---	0.33
5.80	68,875	311.80	0.35	0.35	---	---	0.00	0.00	---	---	---	---	0.35
6.00	72,708	312.00	0.38	0.36	---	---	0.00	0.00	---	---	---	---	0.36
6.20	77,410	312.20	2.61	0.38	---	---	0.00	2.23	---	---	---	---	2.61
6.40	82,113	312.40	6.71	0.39	---	---	0.00	6.32	---	---	---	---	6.71
6.60	86,816	312.60	12.08	0.41	---	---	0.00	11.61	---	---	---	---	12.02
6.80	91,518	312.80	18.71	0.39	---	---	0.45	17.87	---	---	---	---	18.71
7.00	96,221	313.00	29.17	0.21	---	---	5.00	23.96	---	---	---	---	29.17
7.20	100,924	313.20	31.85	0.12	---	---	10.73	20.99	---	---	---	---	31.85
7.40	105,627	313.40	33.00	0.09	---	---	13.23	19.68	---	---	---	---	33.00
7.60	110,329	313.60	33.87	0.07	---	---	14.88	18.92	---	---	---	---	33.87
7.80	115,032	313.80	34.64	0.06	---	---	16.14	18.44	---	---	---	---	34.63
8.00	119,735	314.00	35.34	0.05	---	---	17.15	18.13	---	---	---	---	35.33

...End

Pond Report

Hydraflow Hydrographs by Intelisolve v9.02 — Wednesday, Jan 19, 2011

Pond No. 4 - Pond I

Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Begining Elevation = 294.00 ft

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	294.00	16,736	0	0
2.00	296.00	23,318	39,869	39,869
4.00	298.00	31,159	54,282	94,151
6.00	300.00	40,412	71,364	165,515
8.00	302.00	49,205	89,464	254,979
10.00	304.00	57,334	106,425	361,403

Culvert / Orifice Structures

		[A]	[B]	[C]	[PrfRsr]
Rise (in)	=	18.00	3.00	0.00	0.00
Span (in)	=	18.00	3.00	0.00	0.00
No. Barrels	=	1	1	0	0
Invert El. (ft)	=	294.00	295.26	0.00	0.00
Length (ft)	=	50.00	0.00	0.00	0.00
Slope (%)	=	2.00	0.00	0.00	n/a
N-Value	=	.011	.013	.013	n/a
Orifice Coeff.	=	0.60	0.60	0.60	0.60
Multi-Stage	=	n/a	Yes	No	No

Weir Structures

		[A]	[B]	[C]	[D]
Crest Len (ft)	=	12.00	0.00	0.00	25.00
Crest El. (ft)	=	302.00	0.00	0.00	303.00
Weir Coeff.	=	3.33	3.33	3.33	2.60
Weir Type	=	Riser	---	---	Broad
Multi-Stage	=	Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet and outlet control. Weir risers are checked for orifice conditions.

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	294.00	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
0.20	3,987	294.20	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
0.40	7,974	294.40	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
0.60	11,961	294.60	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
0.80	15,947	294.80	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
1.00	19,934	295.00	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
1.20	23,921	295.20	0.00	0.00	---	---	0.00	---	---	0.00	---	---	0.00
1.40	27,908	295.40	0.04	0.04	---	---	0.00	---	---	0.00	---	---	0.04
1.60	31,895	295.60	0.11	0.11	---	---	0.00	---	---	0.00	---	---	0.11
1.80	35,882	295.80	0.16	0.15	---	---	0.00	---	---	0.00	---	---	0.15
2.00	39,869	296.00	0.19	0.19	---	---	0.00	---	---	0.00	---	---	0.19
2.20	45,297	296.20	0.22	0.21	---	---	0.00	---	---	0.00	---	---	0.21
2.40	50,725	296.40	0.25	0.24	---	---	0.00	---	---	0.00	---	---	0.24
2.60	56,153	296.60	0.27	0.26	---	---	0.00	---	---	0.00	---	---	0.26
2.80	61,582	296.80	0.29	0.28	---	---	0.00	---	---	0.00	---	---	0.28
3.00	67,010	297.00	0.31	0.30	---	---	0.00	---	---	0.00	---	---	0.30
3.20	72,438	297.20	0.33	0.32	---	---	0.00	---	---	0.00	---	---	0.32
3.40	77,866	297.40	0.34	0.34	---	---	0.00	---	---	0.00	---	---	0.34
3.60	83,295	297.60	0.36	0.35	---	---	0.00	---	---	0.00	---	---	0.35
3.80	88,723	297.80	0.38	0.37	---	---	0.00	---	---	0.00	---	---	0.37
4.00	94,151	298.00	0.38	0.38	---	---	0.00	---	---	0.00	---	---	0.38
4.20	101,287	298.20	0.41	0.40	---	---	0.00	---	---	0.00	---	---	0.40
4.40	108,424	298.40	0.41	0.41	---	---	0.00	---	---	0.00	---	---	0.41
4.60	115,560	298.60	0.43	0.42	---	---	0.00	---	---	0.00	---	---	0.42
4.80	122,697	298.80	0.44	0.44	---	---	0.00	---	---	0.00	---	---	0.44
5.00	129,833	299.00	0.46	0.45	---	---	0.00	---	---	0.00	---	---	0.45
5.20	136,969	299.20	0.46	0.46	---	---	0.00	---	---	0.00	---	---	0.46
5.40	144,106	299.40	0.49	0.47	---	---	0.00	---	---	0.00	---	---	0.47
5.60	151,242	299.60	0.49	0.49	---	---	0.00	---	---	0.00	---	---	0.49
5.80	158,378	299.80	0.50	0.50	---	---	0.00	---	---	0.00	---	---	0.50
6.00	165,515	300.00	0.52	0.51	---	---	0.00	---	---	0.00	---	---	0.51
6.20	174,461	300.20	0.52	0.52	---	---	0.00	---	---	0.00	---	---	0.52
6.40	183,407	300.40	0.55	0.53	---	---	0.00	---	---	0.00	---	---	0.53
6.60	192,354	300.60	0.55	0.54	---	---	0.00	---	---	0.00	---	---	0.54
6.80	201,300	300.80	0.55	0.55	---	---	0.00	---	---	0.00	---	---	0.55
7.00	210,247	301.00	0.58	0.56	---	---	0.00	---	---	0.00	---	---	0.56
7.20	219,193	301.20	0.58	0.57	---	---	0.00	---	---	0.00	---	---	0.57
7.40	228,139	301.40	0.58	0.58	---	---	0.00	---	---	0.00	---	---	0.58
7.60	237,086	301.60	0.59	0.59	---	---	0.00	---	---	0.00	---	---	0.59

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Pond I

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
7.80	246,032	301.80	0.62	0.60	---	---	0.00	---	---	0.00	---	---	0.60
8.00	254,979	302.00	0.62	0.61	---	---	0.00	---	---	0.00	---	---	0.61
8.20	265,621	302.20	4.19	0.62	---	---	3.57	---	---	0.00	---	---	4.19
8.40	276,264	302.40	10.69	0.58	---	---	10.11	---	---	0.00	---	---	10.69
8.60	286,906	302.60	18.97	0.40	---	---	18.57	---	---	0.00	---	---	18.97
8.80	297,549	302.80	23.59	0.14	---	---	23.44	---	---	0.00	---	---	23.59
9.00	308,191	303.00	24.16	0.10	---	---	24.05	---	---	0.00	---	---	24.16
9.20	318,834	303.20	24.57	0.08	---	---	24.48	---	---	5.82	---	---	30.38
9.40	329,476	303.40	24.91	0.06	---	---	24.84	---	---	16.45	---	---	41.35
9.60	340,119	303.60	25.23	0.06	---	---	25.16	---	---	30.22	---	---	55.43
9.80	350,761	303.80	25.51	0.06	---	---	25.44	---	---	46.52	---	---	72.02
10.00	361,403	304.00	25.80	0.06	---	---	25.74	---	---	65.00	---	---	90.79

...End

Pond Report

Hydraflow Hydrographs by Intelisolve v9.02 Wednesday, Jan 19, 2011

Pond No. 5 - Pond J

Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Begining Elevation = 326.00 ft

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	326.00	1,243	0	0
2.00	328.00	2,225	3,420	3,420
4.00	330.00	3,418	5,600	9,020

Culvert / Orifice Structures

		[A]	[B]	[C]	[PrfRsr]
Rise (in)	=	0.00	0.00	0.00	0.00
Span (in)	=	0.00	0.00	0.00	0.00
No. Barrels	=	0	0	0	0
Invert El. (ft)	=	0.00	0.00	0.00	0.00
Length (ft)	=	0.00	0.00	0.00	0.00
Slope (%)	=	0.00	0.00	0.00	n/a
N-Value	=	.013	.013	.013	n/a
Orifice Coeff.	=	0.60	0.60	0.60	0.60
Multi-Stage	=	n/a	No	No	No

Weir Structures

		[A]	[B]	[C]	[D]
Crest Len (ft)	=	10.00	0.00	0.00	0.00
Crest El. (ft)	=	329.00	0.00	0.00	0.00
Weir Coeff.	=	2.60	3.33	3.33	3.33
Weir Type	=	Broad	---	---	---
Multi-Stage	=	No	No	No	No

Exfil.(in/hr)	=	0.000 (by Wet area)
TW Elev. (ft)	=	0.00

Note: Culvert/Orifice outflows are analyzed under inlet and outlet control. Weir risers are checked for orifice conditions.

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	326.00	---	---	---	---	0.00	---	---	---	---	---	0.00
0.20	342	326.20	---	---	---	---	0.00	---	---	---	---	---	0.00
0.40	684	326.40	---	---	---	---	0.00	---	---	---	---	---	0.00
0.60	1,026	326.60	---	---	---	---	0.00	---	---	---	---	---	0.00
0.80	1,368	326.80	---	---	---	---	0.00	---	---	---	---	---	0.00
1.00	1,710	327.00	---	---	---	---	0.00	---	---	---	---	---	0.00
1.20	2,052	327.20	---	---	---	---	0.00	---	---	---	---	---	0.00
1.40	2,394	327.40	---	---	---	---	0.00	---	---	---	---	---	0.00
1.60	2,736	327.60	---	---	---	---	0.00	---	---	---	---	---	0.00
1.80	3,078	327.80	---	---	---	---	0.00	---	---	---	---	---	0.00
2.00	3,420	328.00	---	---	---	---	0.00	---	---	---	---	---	0.00
2.20	3,980	328.20	---	---	---	---	0.00	---	---	---	---	---	0.00
2.40	4,540	328.40	---	---	---	---	0.00	---	---	---	---	---	0.00
2.60	5,100	328.60	---	---	---	---	0.00	---	---	---	---	---	0.00
2.80	5,660	328.80	---	---	---	---	0.00	---	---	---	---	---	0.00
3.00	6,220	329.00	---	---	---	---	0.00	---	---	---	---	---	0.00
3.20	6,780	329.20	---	---	---	---	2.33	---	---	---	---	---	2.33
3.40	7,340	329.40	---	---	---	---	6.58	---	---	---	---	---	6.58
3.60	7,900	329.60	---	---	---	---	12.09	---	---	---	---	---	12.09
3.80	8,460	329.80	---	---	---	---	18.61	---	---	---	---	---	18.61
4.00	9,020	330.00	---	---	---	---	26.00	---	---	---	---	---	26.00

Pond Report

Hydraflow Hydrographs by Intelisolve v9.02 — Wednesday, Jan 19, 2011

Pond No. 6 - Pond K

Pond Data

Contours - User-defined contour areas. Conic method used for volume calculation. Begining Elevation = 330.00 ft

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	330.00	295	0	0
2.00	332.00	714	979	979
4.00	334.00	1,233	1,923	2,902
6.00	336.00	2,478	3,639	6,541

Culvert / Orifice Structures

		[A]	[B]	[C]	[PrfRsr]
Rise (in)	=	0.00	6.00	0.00	0.00
Span (in)	=	0.00	6.00	0.00	0.00
No. Barrels	=	0	1	0	0
Invert El. (ft)	=	0.00	333.00	0.00	0.00
Length (ft)	=	0.00	0.00	0.00	0.00
Slope (%)	=	0.00	0.00	0.00	n/a
N-Value	=	.013	.013	.013	n/a
Orifice Coeff.	=	0.60	0.60	0.60	0.60
Multi-Stage	=	n/a	No	No	No

Weir Structures

		[A]	[B]	[C]	[D]
Crest Len (ft)	=	10.00	0.00	0.00	0.00
Crest El. (ft)	=	335.00	0.00	0.00	0.00
Weir Coeff.	=	2.60	3.33	3.33	3.33
Weir Type	=	Broad	---	---	---
Multi-Stage	=	No	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet and outlet control. Weir risers are checked for orifice conditions.

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	330.00	---	0.00	---	---	0.00	---	---	---	---	---	0.00
0.20	98	330.20	---	0.00	---	---	0.00	---	---	---	---	---	0.00
0.40	196	330.40	---	0.00	---	---	0.00	---	---	---	---	---	0.00
0.60	294	330.60	---	0.00	---	---	0.00	---	---	---	---	---	0.00
0.80	391	330.80	---	0.00	---	---	0.00	---	---	---	---	---	0.00
1.00	489	331.00	---	0.00	---	---	0.00	---	---	---	---	---	0.00
1.20	587	331.20	---	0.00	---	---	0.00	---	---	---	---	---	0.00
1.40	685	331.40	---	0.00	---	---	0.00	---	---	---	---	---	0.00
1.60	783	331.60	---	0.00	---	---	0.00	---	---	---	---	---	0.00
1.80	881	331.80	---	0.00	---	---	0.00	---	---	---	---	---	0.00
2.00	979	332.00	---	0.00	---	---	0.00	---	---	---	---	---	0.00
2.20	1,171	332.20	---	0.00	---	---	0.00	---	---	---	---	---	0.00
2.40	1,363	332.40	---	0.00	---	---	0.00	---	---	---	---	---	0.00
2.60	1,556	332.60	---	0.00	---	---	0.00	---	---	---	---	---	0.00
2.80	1,748	332.80	---	0.00	---	---	0.00	---	---	---	---	---	0.00
3.00	1,940	333.00	---	0.00	---	---	0.00	---	---	---	---	---	0.00
3.20	2,133	333.20	---	0.11	---	---	0.00	---	---	---	---	---	0.11
3.40	2,325	333.40	---	0.36	---	---	0.00	---	---	---	---	---	0.36
3.60	2,517	333.60	---	0.56	---	---	0.00	---	---	---	---	---	0.56
3.80	2,710	333.80	---	0.70	---	---	0.00	---	---	---	---	---	0.70
4.00	2,902	334.00	---	0.82	---	---	0.00	---	---	---	---	---	0.82
4.20	3,266	334.20	---	0.92	---	---	0.00	---	---	---	---	---	0.92
4.40	3,630	334.40	---	1.01	---	---	0.00	---	---	---	---	---	1.01
4.60	3,994	334.60	---	1.10	---	---	0.00	---	---	---	---	---	1.10
4.80	4,357	334.80	---	1.18	---	---	0.00	---	---	---	---	---	1.18
5.00	4,721	335.00	---	1.25	---	---	0.00	---	---	---	---	---	1.25
5.20	5,085	335.20	---	1.32	---	---	2.33	---	---	---	---	---	3.65
5.40	5,449	335.40	---	1.39	---	---	6.58	---	---	---	---	---	7.97
5.60	5,813	335.60	---	1.45	---	---	12.09	---	---	---	---	---	13.54
5.80	6,177	335.80	---	1.51	---	---	18.61	---	---	---	---	---	20.12
6.00	6,541	336.00	---	1.57	---	---	26.00	---	---	---	---	---	27.57

APPENDIX 10

CONSTRUCTION SITE INSPECTION FORM AND NOTICE OF INTENT

SWPPP INSPECTION REPORT

ENGINEERING PROPERTIES
Achieving Successful Results with Innovative Designs

W.O. No.	Date:	Greater than 5 Ac. Waiver? Of Disturbance?	Page Of
Project Name:		Arrival Time :	Departing Time:
Location:		Weather	Temp (°F)

Owner:	**Documents on-site?**	SWPPP:	
Contractor:	Weekly Inspections:	NOI:	

Description of current activities onsite and phase of construction (attach sketch showing areas of stabilization and current work):

Description of runoff at discharge points (inlcuding onsite conveyance systems):

Erosion & Sediment Control Measures in Need of Repair or Maintenance:

Description of post-construction stormwater management facilities:

Was contractor notified of deficiences/repairs needed?

Qualified Inspector

Notice:

This inspection was performed soley for purpose of determine complaince with NYSDEC GP 08-001.

Name

Signature