PRELIMINARY STORMWATER POLLUTION PREVENTION PLAN

RIVER KNOLL

40 CROTON DAM ROAD
TOWN OF OSSINING, NY

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JMC Project 15064

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APPENDICES

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REFERENCED DRAWINGS FOR SWPPP DESIGN AND DETAILS

JMC SITE PLANS

Dwg. No.	Title	Rev. No./Date
SP-2	"Existing Conditions Plan"	09/27/2021
SP-3	"Layout Plan"	09/27/2021
SP-4	"Grading Plan"	09/27/2021
SP-5	"Utilities Plan"	09/27/2021

I. INTRODUCTION

This Preliminary Stormwater Pollution Prevention Plan has been prepared for the 17.89 acre River Knoll residential development, located in the Town and Village of Ossining, Westchester County New York (hereinafter referred to as the "Site"). The site is bounded by Croton Dam Road to the west and residential properties to the north, south and east. The development has been designed in accordance with the following:

- Requirements of the New York State Department of Environmental Conservation (NYSDEC) SPDES General Permit No. GP-0-20-001, effective January 2020.
- Chapter 168 "Stormwater Management and Sediment and Erosion Control" of the Town of Ossining Code.

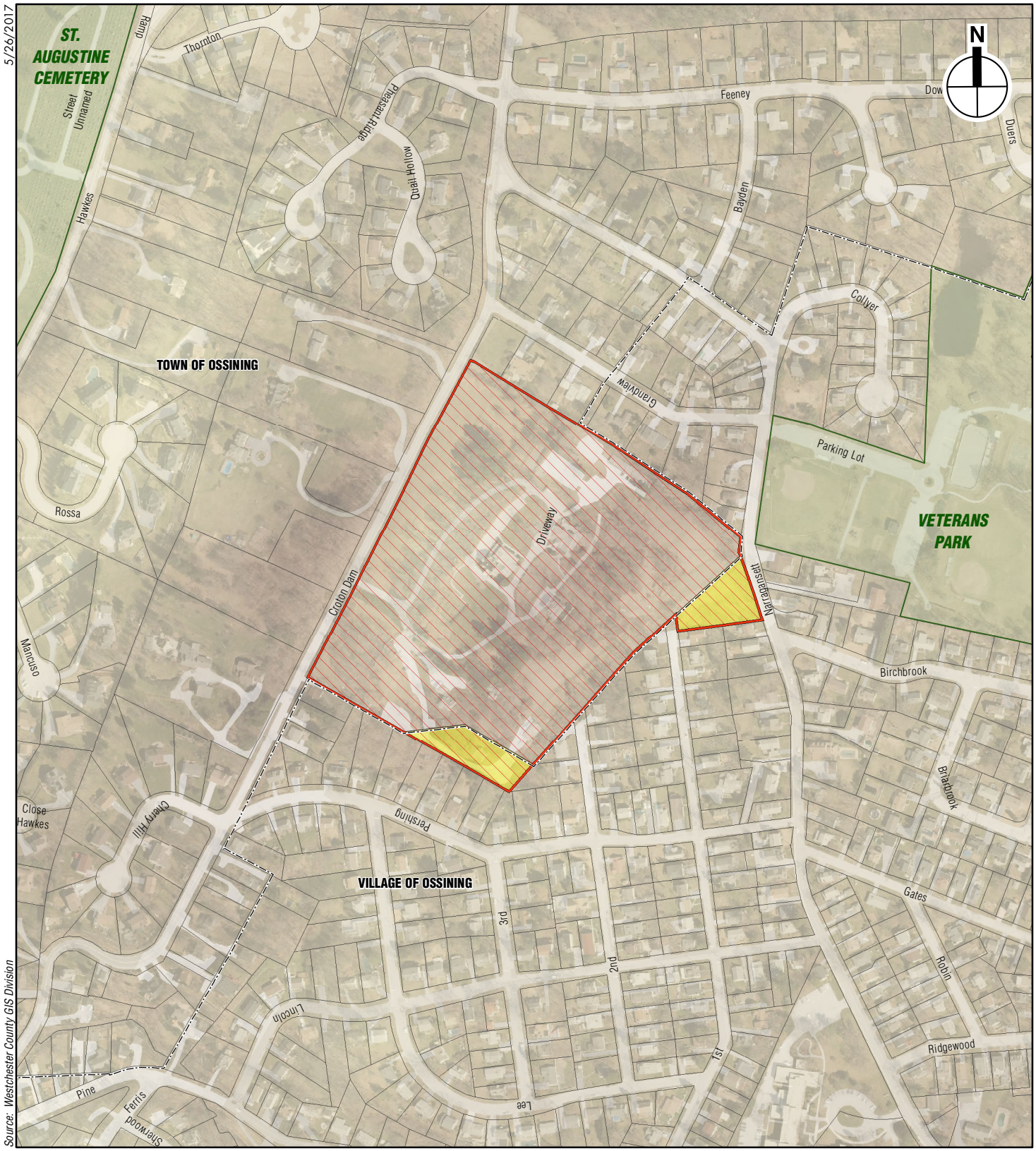
Hudson Park Group LLC proposes to construct 98 age-restricted townhouse units at the former Stony Lodge Psychiatric Hospital property. The proposed development will include the demolition of existing buildings and driveways and construct townhouse buildings with associated driveways, retaining walls, surface parking areas and landscaping. The proposed development will require the use of two infiltration basins to mitigate the stormwater runoff from the site.

II. STORMWATER MANAGEMENT PLANNING

In order to be eligible for coverage under the NYSDEC SPDES General Permit No. GP-0-20-001 for Stormwater Discharges from Construction Activities, the Stormwater Pollution Prevention Plan (SWPPP) includes stormwater management practices (SMP's) from the publication "New York State Stormwater Management Design Manual," last revised January 2015.

A Stormwater Pollution Prevention Plan has been prepared for this project because it is a construction activity that involves:

- A construction activity that involves soil disturbances of one (1) or more acres of land.



Project Site

Project Site Within Village Boundary

Village/Town Boundary

Tax Parcel Boundaries

0 500 FEET

Project Site Location

Figure 1-1

RIVER KNOLL

Source: AKRF

The proposed stormwater facilities have been designed such that the quantity and quality of stormwater runoff during and after construction are not adversely altered or are enhanced when compared to pre-development conditions.

Based on correspondence with the New York State Office of Parks, Recreation and Historic Places (OPRHP), the site does not contain, nor is it immediately adjacent to any properties listed on the State or National Register of Historic Places.

The Five Step Process for Stormwater Site Planning and Practice Selection

Stormwater management using green infrastructure is summarized in the five step process described below. The five-step process was adhered to when developing this SWPPP. Information is provided in this SWPPP which documents compliance with the required process as follows:

Step 1: Site Planning

Implement planning practices that protect natural resources and utilize the hydrology of the site. Strong consideration must be given to reducing impervious cover to aid in the preservation of natural resources including protecting natural areas, avoiding sensitive areas and minimizing grading and soil disturbance.

Step 2: Determine Water Quality Treatment Volume (WQv)

Determine the required WQv for the site based on the site layout, impervious areas and sub-catchments. This initial calculation of WQv will have to be revised after green infrastructure techniques are applied. The following method has been used to calculate the WQv.

- **90% Rule -** According to the New York State Stormwater Design Manual, Section 4.1, the water quality volume is determined from the 90% rule. The method is based on 90%

of the average annual stormwater runoff volume which must be provided due to impervious surfaces. The Water Quality Volume (denoted as the WQv) is designed to improve water quality sizing to capture and treat 90% of the average annual stormwater runoff volume. The WQv is directly related to the amount of impervious cover created at a site. The average rainfall storm depth for 90% of storms in New York State in one year is used to calculate a volume of runoff. The rainfall depth depends on the location of the site within the state. From this depth of rainfall, the required water quality volume is calculated.

The project is a redevelopment and therefore will comply with the strategies outlined within Chapter 9: Redevelopment Projects of the Design Manual. There are different options to control water quality depending on the redevelopment.

Since the redevelopment results in the creation of additional impervious area, Water Quality Treatment Option II will be utilized which requires treatment for 25% of the existing impervious area, plus 100% of the additional, new impervious area.

The plan proposes that a minimum of 25% of the water quality volume (WQv) from the disturbed area is captured and treated by the implementation of standard practices. When utilizing structural stormwater management practices, these practices should be targeted to treat areas with the greatest pollutant generation potential (e.g. parking areas, service stations, etc).

The NYSDEC Redevelopment Standards include specific criteria for the implementation of surface water quality improvements. A combination of standard and non-standard practices are proposed and all facilities will treat the required water quality volume from the entire contributing area. Therefore, Water Quality Treatment Options II & III will be utilized. According to Option III of the Redevelopment Standards, alternative or non-standard practices such as manufactured treatment devices are acceptable if they treat 75% of the water quality volume from the disturbed areas as well as any additional runoff directed to the practice. According to Option II, standard practices such as subsurface infiltration systems can be sized to treat the water quality volume generated from 25% of the existing impervious area plus 100% of the new impervious area.

Green practices such as green roofs and porous pavement can be used towards credit in meeting the water quality volume requirements.

Proposed standard SMP's will effectively treat 100% of the Water Quality Volume (Wqv) for all existing and new impervious areas and the proposed alternative SMP will treat a portion of the redevelopment area.

Step 3: Runoff Reduction Volumes (RRv) by Applying Green Infrastructure Techniques and Standard SMP's

RRv is required for this project since it is a combination of both new development and redevelopment.
Green infrastructure techniques or standard SMP's with RRv capacity can potentially reduce the required WQv by incorporating combinations of green infrastructure techniques and standard SMP's within each drainage area on the site.

Green infrastructure techniques are grouped into two categories:

- Practices resulting in a reduction of contributing area such as preservation/restoration of conservation areas, vegetated channels, etc.
- Practices resulting in a reduction of contributing volume such as green roofs, stormwater planters, and rain gardens.

Apply a combination of green infrastructure techniques and standard SMPs with RRv capacity to provide 100% of the WQv calculated in Step 2. If the RRv calculated in this step is greater than or equal to the WQv in Step 2, the RRv requirement has been met and Step 4 can be skipped. If the RRv provided cannot meet or exceed 100% of the WQv, the project must, at a minimum, reduce a percentage of the runoff from impervious areas to be constructed on the site. The percent reduction is based on the Hydrologic Soil Group(s) (HSG) of the site and is defined as Specific Reduction Factor (S).

The Minimum RRv capacity required must be provided by green infrastructure techniques to verify that the RRv requirement has been met. The RRv that is provided by the green infrastructure techniques can then be subtracted from the Total Required WQv that must be provided by the SMP's.

Step 4: Apply Standard Stormwater Management Practices to Address Remaining Water Quality Volume

Apply the standard SMP's to meet additional water quality volume requirements that cannot be addressed by applying the green infrastructure techniques. The standard SMP's with RRv capacity must be implemented to verify that the RRv requirement has been met.

- **Infiltration Practices –** A subsurface infiltration system is proposed to treat and retain runoff from the site. This practice is located in an area where the groundwater elevation is acceptable to provide the required separation. According to Section 3.6 of the Design Manual, 90% of the WQv provided by an Infiltration Practice can be applied towards meeting the RRv criteria.

Step 5: Apply Volume and Peak Rate Control Practices to Meet Water Quantity Requirements

The Channel Protection Volume (CPv), Overbank Flood Control (Qp) and Extreme Flood Control (Qf) must be met for the plan to be completed. This is accomplished by using practices such as infiltration basins, dry detention basins, etc. to meet water quantity requirements. The following standards must be met:

1. **Stream Channel Protection (CPv)**

   Stream Channel Protection Volume Requirements (CPv) are designed to protect stream channels from erosion. In New York State this goal is accomplished by providing 24-hour extended detention of the one-year, 24-hour storm event, remained from runoff reduction. Reduction of runoff for meeting stream channel protection objectives, where

site conditions allow, is encouraged and the volume reduction achieved through green infrastructure can be deducted from CPv. Trout waters may be exempted from the 24-hour ED requirement, with only 12 hours of extended detention required to meet this criterion. Detention time may be calculated using either a center of mass method or plug flow calculation method.

- CPv is not required because reduction of the entire CPv volume is achieved at a site through green infrastructure or infiltration systems.

2. **Overbank Flood (Qp) which is the 10 year storm.**

Overbank control requires storage to attenuate the post development 10-year, 24-hour peak discharge rate (Qp) to predevelopment rates.

The overbank flood control requirement (Qp) does not apply in certain conditions, including:

- The site discharges directly tidal waters or fifth order (fifth downstream) or larger streams.

- A downstream analysis reveals that overbank control is not needed.

- If redevelopment results in no increase in impervious area or changes to hydrology that increase the discharge rate from the site, the ten year criteria does not apply.

3. **Extreme Storm (Qf) which is the 100 year storm.**

100 Year Control requires storage to attenuate the post development 100-year, 24-hour peak discharge rate (Qf) to predevelopment rates.

The 100-year storm control requirement can be waived if:

- The site discharges directly tidal waters or fifth order (fifth downstream) or larger streams.

- Development is prohibited within the ultimate 100-year floodplain

- A downstream analysis reveals that 100-year control is not needed.

- If redevelopment results in no increase in impervious area or changes to hydrology that increase the discharge rate from the site the hundred-year criteria does not apply.

Based on the foregoing, this project is eligible for coverage under NYSDEC SPDES General Permit No. GP-0-20-001.

III. STUDY METHODOLOGY

Runoff rates were calculated based upon the standards set forth by the United States Department of Agriculture Natural Resources Conservation Service Technical Release 55, Urban Hydrology for Small Watersheds (TR-55), dated June 1986. The methodology set forth in TR-55 considers a multitude of characteristics for watershed areas including soil types, soil permeability, vegetative cover, time of concentration, topography, rainfall intensity, ponding areas, etc.

The 1, 10, 100 year storm recurrence intervals were reviewed in the design of the stormwater management facilities (see Appendices A & B Existing/Proposed Hydrologic Calculations).

Anticipated drainage conditions were analyzed taking into account the rate of runoff which will result from the construction of buildings, parking areas and other impervious surfaces associated with the site development.

Base Data and Design Criteria

For the stormwater management analysis, the following base information and methodology were used:

1. The site drainage patterns and outfall facilities were reviewed by JMC personnel for the purpose of gathering background data and confirming existing mapping of the watershed areas.

2. An Existing Drainage Area Map was developed from the topographical survey. The drainage area map reflects the existing conditions within and around the project area.

3. A Proposed Drainage Area Map was developed from the proposed grading design superimposed over the topographical survey. The drainage area map reflects the proposed conditions within the project area and the existing conditions to remain in the surrounding area.

4. The United States Department of Agriculture (USDA) Web Soil Survey of the site available on its website at http://websoilsurvey.nrcd.usda.gov.

5. Soil Survey of Putnam and Westchester Counties, 1994.

6. The United States Department of Agriculture Natural Resources Conservation Service Technical Report No. 55, Urban Hydrology for Small Watersheds (TR-55), dated June 1986.

The time of concentration was calculated using the methods described in Chapter 3 of TR-55, Second Edition, June 1986. Manning's kinematics wave equation was used to determine the travel time of sheet flow. The 2-year 24-hour precipitation amount of 3.41 inches was used in the equation for all storm events. The travel time for shallow concentrated flow was computed using Figure 3-1 and Table 3-1 of TR-55. Manning's Equation was used to determine the travel time for channel reaches.

7. All hydrologic calculations were performed with the Bentley PondPack software package version 10.0.

8. The New York State Stormwater Management Design Manual, revised January 2015.

9. New York Standards and Specifications for Erosion and Sediment Control, November 2016.

10. The storm flows for the 1, 10, & 100 year recurrence interval storms were analyzed for the total watershed areas. The Type III distribution design storm for a 24 hour duration was used and the mass rainfall for each design storm was taken from the Extreme Precipitation in New York & New England developed by the Natural Resource Conservation Service (NRCS) and the Northeast Regional Climate Center (NRCC) as follows:

24 Hour Rainfall Amounts

Design Storm Recurrence Interval	Inches of Rainfall
1 Year	**2.78**
10 Year	**5.14**
100 Year	**9.30**

http://precip.eas.cornell.edu/

IV. EXISTING CONDITIONS

The existing conditions of the project site consists of the vacant stony lodge psychiatric facility, which contains existing buildings, driveways, grass and wooded areas. Stormwater from the site flows southeast and southwest to existing storm sewer structures that lead off site. After stormwater runoff exits the project site, it flows to existing stormwater conveyance systems in Pershing Avenue.

The following natural features, conservation areas, resource areas and drainage patterns of the project site have been identified and utilized to develop Drawing DA-1 "Existing Drainage Area Map" which is included in Appendix H:

- Vegetative cover
- Critical areas
- Topography (contour lines, existing flow paths, steep slopes, etc.)
- Soil (hydrologic soil groups, highly erodible soils, etc.)
- Bedrock, significant geology features

Based on the USDA web soil survey, all on-site soils are well drained and belong to hydrological group**(s)** B, C and D**.** The soil types, boundaries and drainage areas/designations are depicted on Drawing DA-1 within Appendix H.

Three (3) separate Design Points (1 through 3) were identified for comparing peak rates of runoff in existing and proposed conditions. Three (3) separate drainage areas were identified in existing conditions based on the existing drainage divides at the site. The numbers included in the name of each drainage area correspond to the Design Point they drain towards.

The following is a description of each of the drainage areas analyzed in the existing conditions analysis:

Existing Drainage Area 1 is the western portion of the site and discharges to Design Point 1, which is an existing catch basin located in Pershing Avenue. Existing Drainage Area 1 consists of the following sub-drainage areas:

<u>Existing Drainage Area 1A (EDA-1A)</u> is 2.60 acres in size and is located in the north corner of the site adjacent to Croton Dam Road. This area consists of parking areas, driveways, woods and grassed areas. This drainage area initially drains northwest towards an existing depression which acts as a small detention pond and drains south adjacent to croton dam road towards design point one. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 69 and

14.3 minutes, respectively. Refer to Drawing DA-1 in Appendix H.

Existing Drainage Area 1B (EDA-1B) is 2.31 acres and consist of a portion of the main building, an asphalt parking area, asphalt drives, woods and grass. Runoff from EA-1B flows overland to a depression to the north of the site driveway. The runoff is collected by a drain inlet in the depression and conveyed in a 12" corrugated metal pipe (CMP) to EDA-1C.
The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 74 and 11.4 minutes, respectively. Refer to Drawing DA-1 in Appendix H.

Existing Drainage Area 1C (EDA-1C) is 3.51 acres and consists of a portion of the main building, a 2 story frame building, asphalt drives, a gravel parking area, a few utility buildings, woods and grass. Runoff from EDA-1C flows overland to the southeast corner of the site. The runoff at this location is routed through an existing pipe that extends through the neighboring properties and into the existing catch basin in Pershing Avenue. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 75 and 8.8 minutes, respectively. Refer to Drawing DA-1 in Appendix H.

Existing Drainage Area 2 is the eastern portion of the site and discharges to Design Point 2, which is an existing structure in the southernmost corner of the site. Existing Drainage Area 2 consists of the following sub-drainage areas:

Existing Drainage Area 2A (EDA-2A) is 2.99 acres and consists of a garage and recreation building, a portion of the North Lodge, asphalt parking areas, asphalt drives, woods and grass. Runoff from EDA-2 flows overland to a wetland in the Village of Ossining. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 69 and 5.9 minutes, respectively. Refer to Drawing DA-1 in Appendix H.

Existing Drainage Area 2B (EDA-2B) is 5.79 acres and consists of a portion of the North Lodge, the East Lodge, the West Lodge, the South Cottage, the Administration Building, a garage, a 1 ½ story frame building, asphalt walks and drives, woods and grass. Runoff from EDA-2B flows overland to a swale along the rear property line. The Curve Number (CN) and Time of

Concentration (Tc) for this drainage area are 67 and 12.1 minutes, respectively. Refer to Drawing DA-1 in Appendix H.

Existing Drainage Area 3 (EDA-3) is 0.09 acres and consists of a portion of the asphalt drive and grass area adjacent to Croton Dam Road. Runoff from EDA-3 flows overland out to Croton Dam Road. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 80 and 5 minutes, respectively. Refer to Drawing DA-1 in Appendix H.

The peak rates of runoff to the design points from the drainage areas for each storm are shown in the table below:

Table 1
Summary of Peak Rates of Runoff in Existing Conditions
(Cubic Feet per Second)

Storm Recurrence Interval	DP-1	DP-2	DP-3
1 year	3.65	3.21	0.21
10 year	12.59	15.40	0.39
100 year	26.73	42.32	2.28

V. PROPOSED CONDITIONS

The proposed improvements consist of 98 age-restricted townhouse units including 18 affordable units in clusters of 2, 3, 4, 5 and 6 units, associated sidewalks, parking lot, driveway, subsurface parking garage and landscaped areas. The proposed on-site stormwater runoff from the impervious surfaces including building rooftops, driveway, parking areas and sidewalks will be collected and conveyed by drainage manholes and catch basins to a network of high density polyethylene (HDPE) drain pipe installed underground with discharge to proposed infiltration basins and a micropool extended detention basin.

The proposed drainage improvements include standard stormwater management practices, such as infiltration basins. The vegetated practices and overland discharges provide multiple opportunities for water quality enhancement and infiltration in addition to the proposed stormwater management practices.

This section describes the design and analysis of the proposed conditions used to demonstrate that the SWPPP meets the requirements of the General Permit.

The Five Step Process For Stormwater Site Planning and Practice Selection

Step 1: Site Planning

The following practices and site features were incorporated in the site design:

- Forest, vegetative cover – The maximum amount of forest and vegetative cover has been maintained and/or provided.
- Topography (contour lines, existing flow paths, steep slopes, etc.) has been maintained or disturbed to the minimum extent practicable.
- Soil (hydrologic soil groups, highly erodible soils, etc.)
- Bedrock, significant geology features have been accounted for.

Step 2: Determine Water Quality Treatment Volume (WQv)

This initial calculation of WQv must be revised after green infrastructure techniques are applied. The following method has been used to calculate the WQv.

90% Rule - According to the New York State Stormwater Design Manual, Section 4.1, the water quality volume is determined by the 90% rule. The method is based on 90% of the average annual stormwater runoff volume which must be provided due to impervious surfaces. The WQv is directly related to the amount of impervious cover created at a site. The rainfall depth depends on the location of the site within the state. From this depth of rainfall, the required water quality volume is calculated.

Step 3: Runoff Reduction Volumes (RRv) by Applying Green Infrastructure Techniques and Standard SMP's

Handling of the Runoff Reduction Volume (RRv) is required for the project since it is new development. As permitted in the NYS Stormwater Design Manual, green infrastructure techniques and standard stormwater management practices with RRv capacity can be credited towards the required WQv discussed above when implemented in accordance with the Manual.

Green infrastructure techniques are grouped into two categories:

- Practices resulting in a reduction of contributing area such as preservation/restoration of conservation areas, tree planting, riparian buffers, etc.
- Practices resulting in a reduction of contributing volume such as vegetated swales, pervious pavers, bioretention systems and infiltration systems.

Apply a combination of green infrastructure techniques and standard SMPs with RRv capacity to provide 100% of the WQv calculated in Step 2. If the RRv calculated in this step is greater than or equal to the WQv in Step 2, the RRv requirement has been met and Step 4 can be skipped. If the RRv provided cannot meet or exceed 100% of the WQv, the project must, at a minimum, reduce a percentage of the runoff from impervious areas to be constructed on the Site which is referred to as the Minimum RRv. The percent reduction is based on the Hydrologic Soil Group(s) (HSG) of the Site and is defined as Specific Reduction Factor.

The following standard stormwater management practice is provided in the Design Manual:

- **Standard Practices with RRv Capacity**
  - **Infiltration Basins –** Two infiltration systems are proposed to treat and retain runoff from the rooftop of the proposed building, parking areas, driveways and sidewalks. These practices are located in areas where the existing groundwater was identified at a lower depth.

The Minimum RRv capacity required must be provided by green infrastructure techniques or standard practices to verify that the RRv requirement has been met. The RRv that is provided by

the green infrastructure techniques can then be subtracted from the Total Required WQv that must be provided by the SMP's.

Step 4: Apply Standard Stormwater Management Practices to Address Remaining Water Quality Volume

The standard SMP's must be designed to meet additional water quality volume requirements that cannot be addressed by applying the green infrastructure techniques by themselves.

Step 5: Apply Volume and Peak Rate Control Practices to Meet Water Quantity Requirements

All practices exceed the required elements of SMP criteria as outlined in Chapter 6 of the NYS Stormwater Management Design Manual. A summary of each category is provided below.

1. Feasibility – Ponds are designed based upon unique physical environmental considerations noted in the NYS Stormwater Management Design Manual (NYSSMDM) Table 7.2 "Physical Feasibility Matrix".

2. Conveyance – The design conveys runoff to the designed pond in a manner that is safe, minimizes erosion and disruption to natural drainage channel and promotes filtering and infiltration.

3. Pretreatment – All pond provide pretreatment in accordance with NYSSMDM design guidelines.

4. Treatment Geometry – The plan provides water quality treatment in accordance with NYSSMDM guidelines noted Table 6.1 "Water Quality Volume Distributing in Pond Design".

5. Environmental/Landscaping –Extensive landscaping has been provided for each proposed practice to enhance pollutant removal and provide aesthetic enhancement to the property.

6. Maintenance – Maintenance for the environment practices has been provided and is detain the SWPPP Report as required. Maintenance access is provided in the design plans.

Table 1 summarizes the WQv and RRv required for both design points on the property:

Table 1

WQv / RRv Calculations Summary – See Appendix C	
Initial Required WQv	47,571c.f.
Adjusted Required WQv (Redevelopment)	37,182 c.f.
Minimum RRv Required	12,250 c.f.
RRv Provided	43,308 c.f.
Net WQv Required	0 c.f.

In order to determine the post-development rates of runoff generated on-site, the following drainage areas were analyzed in the post-development conditions. These areas are graphically depicted on Drawing DA-2 "Proposed Drainage Area Map" located in Appendix H.

Three separate Design Points were identified for comparing peak rates of runoff in existing and proposed conditions. Similarly, three separate drainage areas were identified in proposed conditions based on the proposed drainage divides at the site. The numbers included in the name of each drainage area correspond to the Design Point they drain towards.

The following is a description of each of the drainage areas analyzed in the proposed conditions analysis.

Proposed Drainage Area 1 is the western portion of the site and discharges to Design Point 1, which is an existing catch basin located in Pershing Avenue. Proposed Drainage Area 1 consists of the following sub-drainage areas:

<u>Proposed Drainage Area 1A (PDA-1A)</u> is 6.08 acres located at the northwestern portion of the site and consist of the proposed townhouses, driveways, parking areas and landscaping areas. Runoff from PDA-1A will be collected by roof drain leaders and drain inlets and conveyed in pipes to infiltration basin 1A. Stormwater runoff will be pretreated prior to discharging into the infiltration basin with the use of a Cascade Separator water quality structure. The treated water from the

Cascade unit will be routed to the infiltration basin 1A. Multiple infiltration tests were conducted in the area comprising the stormwater basin and revealed infiltration rates ranging from 2-12 inches per hour. To provide a conservative analysis, the average 5 inches per hour was utilized in all infiltration calculations. The outflow for the from the infiltration basin will be conveyed by the outlet control structure OCS-1A which consist of a 3" orifice at elevation 358.75, a 4' weir at elevation 362.20 and the grate top set at elevation 363.10. A 15" culvert pipe is proposed to route the stormwater runoff to the Design Point 1. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 77 and 5 minutes, respectively.

Proposed Drainage Area 1B (PDA-1B) is 5.82 acres located at the central western portion of the site and consists of a portion of the proposed townhouses, asphalt parking areas, asphalt drives and adjacent landscape areas. Runoff from PDA-1B will be collected by roof drain leaders and drain inlets and conveyed in pipes to infiltration basin 1B. Stormwater runoff will be pretreated prior to discharging into the infiltration basin with the use of a Cascade Separator water quality structure. The treated water from the Cascade unit will be routed to the infiltration basin 1B. Multiple infiltration tests were conducted in the area comprising the stormwater basin and revealed an average rate of 4 inches per hour that was utilized in all infiltration calculations. The outflow from the infiltration basin will be controlled by outlet control structure OCS-1 which consists of an 8" orifice at elevation 343.60 and the grate top set at elevation 347.10. A 15" pipe is proposed to route the stormwater runoff to the Design Point 1. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 79 and 5 minutes, respectively.

Proposed Drainage Area 1C (PDA-1C) is 0.65 acres in size and consists southern area of the site remaining undeveloped that will continue to be routed through an existing pipe that extends through the neighboring properties and into the existing catch basin in Pershing Avenue. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 76 and 5 minutes, respectively. Refer to Drawing DA-2 in Appendix H.

Proposed Drainage Area 1D (PDA-1D) is 1.40 acres and consists of the proposed clubhouse building, off street parking, driveway and adjacent landscape areas. Under proposed conditions the

total drainage area and total impervious have been reduced as compared to the existing conditions. Therefore, Water Quality Treatment Options II & III will be utilized. According to Option III of the Redevelopment Standards, alternative or non-standard practices such as manufactured treatment devices are acceptable if they treat 75% of the water quality volume from the disturbed areas as well as any additional runoff directed to the practice. Therefore, the impervious areas will be treated with a Cascade Separator Unit CS-3, which is a NYSDEC approved alternative practice. Runoff from PDA-1D will flow overland to a depression located south of the site driveway. The outflow from the depression will be conveyed to a proposed series of pipes located in Croton Dam Road and then discharge into an existing catch basin in Pershing Avenue. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 80 and 5 minutes, respectively.:

Proposed Drainage Area 2A (PDA-2A) is 3.27 in size and located along the easter portion of the site. the drainage area consists of rear roof areas of three buildings, landscape areas and adjacent undisturbed areas. Under the proposed conditions the total drainage area and total impervious have been reduced as compared to the existing conditions. Therefore, Water Quality Treatment Options II & III will be utilized. According to Option III of the Redevelopment Standards, alternative or non-standard practices such as manufactured treatment devices are acceptable if they treat 75% of the water quality volume from the disturbed areas as well as any additional runoff directed to the practice. Therefore, the impervious areas will be treated with a Cascade Separator Unit CS-3, which is a NYSDEC approved alternative practice. Runoff from PDA-2A flows overland to the wetland in the northeast corner of the site, as in existing conditions. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 70 and 5 minutes, respectively.

Proposed Drainage Area PDA-3A is 0.07 acres and consists of the same portion of the asphalt drive and grass area adjacent to Croton Dam Road as compared to existing conditions. Runoff from PDA-3A flows overland out to Croton Dam Road. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 87 and 5 minutes, respectively. Refer to Drawing DA-2 in Appendix H.

The peak rates of runoff to the design point of each of the analyzed drainage areas for each storm are shown on the table below:

Table 3
Summary of Proposed Peak Rates of Runoff in Proposed Conditions
(Cubic Feet per Second)

Storm Recurrence Interval	DP-1	DP-2	DP-3
1 year	0.57	1.84	0.11
10 year	2.81	7.44	0.26
100 year	17.70	19.30	0.52

The reductions in peak rates of runoff from proposed to existing conditions are shown on the table below:

Table 4
Percent Reductions in Peak Rates of Runoff (Existing vs. Proposed Conditions)
(Cubic Feet per Second)

Design Point	Storm Recurrence Frequency (Years)	Existing Peak Runoff Rate (cfs)	Proposed Peak Runoff Rate (cfs)	Percent Reduction (%)
1	1 year	3.65	0.57	84
	10 year	12.59	2.81	77
	100 year	26.73	17.70	33
2	1 year	3.21	1.84	42
	10 year	15.40	7.44	51
	100 year	42.32	19.30	54
3	1 year	0.21	0.11	47
	10 year	0.39	0.26	33
	100 year	2.28	0.52	77

As demonstrated in Table 4, the proposed stormwater improvements will result in significant reductions of peak rates of runoff for all storms and design points analyzed.

VI. SOIL EROSION & SEDIMENT CONTROL

A potential impact of the proposed development on any soils or slopes will be that of erosion and transport of sediment during construction. An Erosion and Sediment Control Management Program will be established for the proposed development, beginning at the start of construction and continuing throughout its course, as outlined in the "New York State Standards and Specifications for Erosion and Sediment Control," dated November 2016. A continuing maintenance program will be implemented for the control of sediment transport and erosion control after construction and throughout the useful life of the project.

The Operator shall have a qualified professional conduct an assessment of the site prior to the commencement of construction and certify that the appropriate erosion and sediment controls, as shown on the Sediment & Erosion Control Plans, have been adequately installed to ensure overall preparedness of the site for the commencement of construction. In addition, the Operator shall have a qualified professional conduct one site inspection at least every seven calendar days and at least two site inspections every seven calendar days when greater than five acres of soil is disturbed at any one time.

Prior to the commencement of construction activity, the owner or operator must identify the contractor(s) and subcontractor(s) that will be responsible for installing, constructing, repairing, replacing, inspecting and maintaining the erosion and sediment control practices included in the SWPPP; and the contractor(s) and subcontractor(s) that will be responsible for constructing the post-construction stormwater management practices included in the SWPPP. The owner or operator shall have each of the contractors and subcontractors identify at least one person from their company that will be responsible for implementation of the SWPPP. This person shall be known as the trained contractor. The owner or operator shall ensure that at least one trained contractor is on site on a daily basis when soil disturbance activities are being performed.
The owner or operator shall have each of the contractors and subcontractors identified above sign a copy of the certification statement provided in Appendix H before they commence any construction activity.

Soil Description

As provided by the United States Department of Agriculture, Soil Conservation Service "Web Soil Survey," soil classifications which exist on the subject site are described below.

Soils are placed into four hydrologic groups: A, B, C, and D. In the definitions of the classes, infiltration rate is the rate at which water enters the soil at the surface and is controlled by the surface conditions. Transmission rate is the rate at which water moves in the soil and is controlled by soil properties. Definitions of the classes are as follows:

A. (Low runoff potential). The soils have a high infiltration rate even when thoroughly wetted. They chiefly consist of deep, well drained to excessively drained sands or gravels. They have a high rate of water transmission.

B. The soils have a moderate infiltration rate when thoroughly wetted. They chiefly are moderately deep to deep, moderately well drained to well drained soils that have moderately fine to moderately coarse textures. They have a moderate rate of water transmission.

C. The soils have a slow infiltration rate when thoroughly wetted. They chiefly have a layer that impedes downward movement of water or have moderately fine to fine texture. They have a slow rate of water transmission.

D. (High runoff potential). The soils have a very slow infiltration rate when thoroughly wetted. They chiefly consist of clay soils that have a high swelling potential, soils that have a permanent high water table, soils that have a claypan or clay layer at or near the surface, and shallow soils over nearly impervious material. They have a very slow rate of water transmission.

A soil's tendency to erode is also described in the USDA web soil survey. The ratings in this interpretation indicate the hazard of soil loss from unsurfaced areas. The ratings are based on soil erosion factor K, slope, and content of rock fragments. The hazard is described as "slight,"

"moderate," or "SEVERE." A rating of "slight" indicates that little or no erosion is likely; "moderate" indicates that some erosion is likely, that the temporarily unsurfaced / unstabilized during construction may require occasional maintenance, and that simple erosion-control measures are needed; and "SEVERE" indicates that significant erosion is expected, that the roads or trails require frequent maintenance, and that erosion-control measures are needed.

Per the Soil Survey, the following soils listed below are present at the site. Following this list is a detailed description of each soil type found on the property:

SYM.	HYDRO. SOIL GROUP	DESCRIPTION
ChE	**B**	**Charlton Loam, 25-35% slopes**
CsD	**B**	**Chatfield Charlton , very rocky**
HrF	**D**	**Hollis-Rock Outcrop Complex, very steep**
CrC	**B**	**Charlton Chatfield complex**
LcB	**A/D**	**Leicester Loam, 3-8% slopes**
PnD	**C**	**Paxton Fine Sandy Loam, 15-25% slopes**

On-Site Pollution Prevention

There are temporary pollution prevention measures used to control litter and construction debris on site, such as:

- Silt Fence
- Sediment Traps
- Inlet Protection

There will be inlet protection provided for all storm drains and inlets with the use of stone & block drop inlet protection, which keep silt, sediment and construction litter and debris out of the on-site stormwater drainage system.

Temporary Control Measures

Temporary control measures and facilities will include silt fences, interceptor swales, stabilized construction entrances, temporary seeding, mulching and sediment traps.

Throughout the construction of the proposed redevelopment, temporary control facilities will be implemented to control on-site erosion and sediment transfer. Interceptor swales, if required, will be used to direct stormwater runoff to temporary sediment traps for settlement. The sediment traps will be constructed as part of this project will serve as temporary sediment basins to remove sediment and pollutants from the stormwater runoff produced during construction. Descriptions of the temporary sediment & erosion controls that will be used during the development of the site including silt fence, stabilized construction entrance, seeding, mulching and inlet protection are as follows:

1. Silt Fence is constructed using a geotextile fabric. The fence will be either 18 inches or 30 inches high. The height of the fence can be increased in the event of placing these devices on uncompacted fills or extremely loose undisturbed soils. The fences will not be placed in areas which receive concentrated flows such as ditches, swales and channels nor will the filter fabric material be placed across the entrance to pipes, culverts, spillway structures, sediment traps or basins.

2. Stabilized Construction Access consists of AASHTO No. 1 rock. The rock entrance will be a minimum of 50 feet in length by 20 feet in width by 8 inches in depth.

3. Seeding will be used to create a vegetative surface to stabilize disturbed earth until at least 70% of the disturbed area has a perennial vegetative cover. This amount is required to adequately function as a sediment and erosion control facility. Grass lining will also be used to line temporary channels and the surrounding disturbed areas.

4. Mulching is used as an anchor for seeding and disturbed areas to reduce soil loss due to storm events. These areas will be mulched with straw at a rate of 3 tons per acre such that the mulch forms a continuous blanket. Mulch must be placed after seeding or within 48 hours after seeding is completed.

5. Inlet Protection will be provided for all stormwater basins and inlets with the use of stone & block drop inlet protection structures, which will keep silt, sediment and construction debris

out of the storm system. Existing structures within existing paved areas will be protected using Manufactured Insert Inlet Protection inside the structures.

6. Erosion Control Matting will be utilized on slopes and within swales, where applicable, to provide stabilization in advance of vegetation being established. Such matting will be biodegradable to facilitate long term growth of vegetation in swales, on slopes and within stormwater management facilities.

7. Sediments Traps will be used with the permanent SMP's until their contributing areas are stabilized.

The contractor shall be responsible for maintaining the temporary sediment and erosion control measures throughout construction. This maintenance will include, but not be limited to, the following tasks:

1. For dust control purposes, moisten all exposed graded areas with water at least twice a day in those areas where soil is exposed and cannot be planted with a temporary cover due to construction operations or the season (December through March).

2. Inspection of erosion and sediment control measures shall be performed at the end of each construction day and immediately following each rainfall event. All required repairs shall be immediately executed by the contractor.

3. Sediment deposits shall be removed when they reach approximately ⅓ the height of the silt fence. All such sediment shall be properly disposed of in fill areas on the site, as directed by the Owner's Field Representative. Fill shall be protected following disposal with mulch, temporary and/or permanent vegetation and be completely circumscribed on the downhill side by silt fence.

4. Rake all exposed areas parallel to the slope during earthwork operations.

5. Following final grading, the disturbed area shall be stabilized with a permanent surface treatment (i.e. turf grass, pavement or sidewalk). During rough grading, areas which are not to be disturbed for fourteen or more days shall be stabilized with the temporary seed mixture, as defined on the plans. Seed all piles of dirt in exposed soil areas that will not receive a permanent surface treatment.

Concrete Material and Equipment Management

Concrete washouts shall be used to contain concrete and liquids when the chutes of concrete mixers and hoppers of concrete pumps are rinsed out after delivery. The washout facilities consolidate solid for easier disposal and prevent runoff of liquids. The wash water is alkaline and contains high levels of chromium, which can leach into the ground and contaminate groundwater. It can also migrate to a storm drain, which can increase the pH of area waters and harm aquatic life. Solids that are improperly disposed of can clog storm drain pipes and cause flooding. Installing concrete washout facilities not only prevents pollution but also is a matter of good housekeeping at your construction site.

Prefabricated concrete washout containers can be delivered to the site to provide maintenance and disposal of materials. Regular pick-ups of solid and liquid waste materials will be necessary. To prevent leaks on the job site, ensure that prefabricated washout containers are watertight. A self installed concrete washout facility can be utilized although they are much less reliable than prefabricated containers and are prone to leaks. There are many design options for the washout, but they are preferably built below-grade to prevent breaches and reduce the likelihood of runoff. Above-grade structures can also be used if they are sized and constructed correctly and are diligently maintained. One of the most common problems with self-installed concrete washout facilities is that they can leak or be breached as a result of constant use, therefore the contractor shall be sure to use quality materials and inspect the facilities on a daily basis.

Washouts must be sized to handle solids, wash water, and rainfall to prevent overflow. Concrete Washout Systems, Inc. estimates that 7 gallons of wash water are used to wash one truck chute and 50 gallons are used to wash out the hopper of a concrete pump truck.

For larger sites, a below-grade washout should be at least 10 feet wide and sized to contain all liquid and solid waste expected to be generated in between cleanout periods. A minimum of 12-inches of freeboard must be provided. The pit must be lined with plastic sheeting of at least 10-mil thickness without holes or tears to prevent leaching of liquids into the ground. Concrete wash water should never be placed in a pit that is connected to the storm drain system or that drains to nearby waterways.

An above-grade washout can be constructed at least 10 feet wide by 10 feet long and sized to contain all liquid and solid waste expected to be generated in between cleanout periods. A minimum of 4-inches of freeboard must be provided. The washout structures can be constructed with staked straw bales or sandbags double-or triple lined with plastic sheeting of at least 10-mil thickness without holes or tears.

Concrete washout facilities shall not be located within 50 feet of storm drains, open ditches, or water bodies and should be placed in locations that allow for convenient access for concrete trucks. The contractor shall check all concrete washout facilities daily to determine if they have been filled to 75 percent capacity, which is when materials need to be removed. Both above-and below-ground self-installed washouts should be inspected daily to ensure that plastic linings are intact and sidewalls have not been damaged by construction activities. Prefabricated washout containers should be inspected daily as well as to ensure the container is not leaking or nearing 75 percent capacity. Inspectors should also note whether the facilities are being used regularly. Additional signage for washouts may be needed in more convenient locations if concrete truck operators are not utilizing them.

The washout structures must be drained or covered prior to predicted rainstorms to prevent overflows. Hardened solids either whole or broken must be removed and then they may be reused onsite or hauled away for recycling.

Once materials are removed from the concrete washout, a new structure must be built or excavated, or if the previous structure is still intact, inspect it for signs of weakening or damage

and make any necessary repairs. Line the structure with new plastic that is free of holes or tears and replace signage if necessary. It is very important that new plastic be used after every cleaning because pumps and concrete removal equipment can damage the existing liner.

Construction Site Chemical Control

The purpose of this management measure is to prevent the generation of nonpoint source pollution from construction sites due to improper handling and usage of nutrients and toxic substances, and to prevent the movement of toxic substances from the construction site.

Many potential pollutants other than sediment are associated with construction activities. These pollutants include pesticides; fertilizers used for vegetative stabilization; petrochemicals; construction chemicals such as concrete products, sealers, and paints; wash water associated with these products; paper; wood; garbage; and sanitary waste.

Disposal of excess pesticides and pesticide-related wastes should conform to registered label directions for the disposal and storage of pesticides and pesticide containers set forth in applicable Federal, State and local regulations that govern their usage, handling, storage, and disposal.

Pesticides should be disposed of through either a licensed waste management firm or a treatment, storage and disposal (TSD) facility. Containers should be triple-rinsed before disposal, and rinse waters should be reused as product.
Other practices include setting aside a locked storage area, tightly closing lids, storing in a cool, dry place, checking containers periodically for leaks or deterioration, maintaining a list of products in storage, using plastic sheeting to line the storage areas, and notifying neighboring property owners prior to spraying.

When storing petroleum products, follow these guidelines:

- Create a shelter around the area with cover and wind protection;
- Line the storage area with a double layer of plastic sheeting or similar material;

- Create an impervious berm around the perimeter with a capacity of 110 percent greater than that of the largest container;
- Clearly label all products;
- Keep tanks off the ground; and
- Keep lids securely fastened.

Post spill procedure information and have persons trained in spill handling on site or on call at all times. Materials for cleaning up spills should be kept on site and easily available. Spills should be cleaned up immediately and the contaminated material properly disposed of. Maintain and wash equipment and machinery in confined areas specifically designed to control runoff.

Thinners or solvents should not be discharged into sanitary or storm systems when cleaning machinery. Use alternative methods for cleaning larger equipment parts, such as high-pressure, high-temperature water washes, or steam cleaning. Equipment-washing detergents can be used, and wash water may be discharged into sanitary sewers if solids are removed from the solution first. (This practice should be verified with the local sewer authority.) Small parts can be cleaned with degreasing solvents, which can then be reused or recycled.

Solid Waste Management and Portable Sanitary Management

The purpose of this management measure is to prevent the potential for solid waste such as construction debris, trash, etc. from construction sites due to improper handling and storage. Debris and litter should be removed periodically from the BMP's and surrounding areas to prevent clogging of pipes and structures. All construction material shall be stored in designated staging areas. Roll-off containers shall be placed on site and all empty containers, construction debris and litter shall be placed in the containers.

Portable sanitary units may be utilized on-site or bathrooms will be provided within construction trailers. A sanitation removal company will be hired to pump/remove any sanitary waste. In the event that portable sanitary units are used and then cleaned after being emptied, the rinse water may not be disposed of to the storm drain system. It shall be contained for later disposal if it can't

be disposed of on-site. Remove paper and trash before cleaning the portable sanitary units. The portable sanitary units shall be located away from the storm drain system if possible. Provide over head cover for wash areas if possible. Maintain spill response material and equipment on site to eliminate the potential for contaminants and wash water from entering the storm drain system.

Permanent Control Measures and Facilities for Long Term Protection

Towards the completion of construction, permanent sediment and erosion control measures will be developed for long term erosion protection. The following permanent control measures and facilities have been proposed to be implemented for the project:

1. Infiltration Basins will be used to treat the runoff volume generated from the developed area and provide improvement to water quality control. The proposed basins will provide water quality for 90% of the average annual stormwater runoff volume. The water quality volume will be retained and higher storms will be released gradually. Refer to the water quality volume calculations, in Appendix C.

2. Catch Basins will be used to remove some of the coarse sand and grit sediment before entering the drainage system. Each catch basin will be constructed with an 18 inch deep sump.

3. Rip-Rap Energy Dissipators At discharge points from the stormwater drainage system into the stormwater management basins, rip-rap pads consisting of angular rocks will be placed to dissipate velocity and reduce the risk of erosion. The rip-rap pads will be 10 feet wide by 10 feet long.

4. Seeding of at least 70% perennial vegetative cover will be used to produce a permanent uniform erosion resistant surface. The seeded areas will be mulched with straw at a rate of 2 tons per acre such that the mulch forms a continuous blanket.

Specifications for Soil Restoration

Prior to the final stabilization of the disturbed areas, soil restoration will be required for all vegetated areas to recover the original properties and porosity of the soil. Soil Restoration Requirements are provided on Table 7 below:

Table 7
Soil Restoration Requirements

Type of Soil Disturbance	Soil Restoration Requirement		Comments/Examples
No soil disturbance	Restoration not permitted		Preservation of Natural Features
Minimal soil disturbance	Restoration not required		Clearing and grubbing
Areas where topsoil is stripped only – no change in grade	HSG A&B	HSG C&D	Protect area from any ongoing construction activities
	apply 6 inches of topsoil	Aerate* and apply 6 inches of topsoil	
Areas of cut or fill	HSG A&B	HSG C&D	Clearing and grubbing
	Aerate and apply 6 inches of topsoil	Apply full Soil Restoration**	
Heavy traffic areas on site (especially) in a zone 5-25 feet around buildings but not within a 5 foot perimeter around foundation walls)	Apply full Soil Restoration (decompaction and compost enhancement)		
Areas where Runoff Reduction and/or Infiltration practices are applied	Restoration not required, but may be applied to enhance the reduction specified for appropriate practices.		Keep construction equipment from crossing these areas. To protect newly installed practice from any ongoing construction activities construct a single phase operation fence area.
Redevelopment projects	Soil Restoration is required on redevelopment projects in areas where existing impervious area will be converted to pervious area.		

* Aeration includes the use of machines such as tractor-drawn implements with coulters making a narrow slit in the soil, a roller with many spikes making indentations in the soil, or prongs which function like a mini-subsoiler.

** Per "Deep Ripping and De-compaction, DEC 2008."

During periods of relatively low to moderate subsoil moisture, the disturbed subsoils are returned to rough grade and the following full soil restoration steps applied:

1. Apply 3 inches of compost over subsoil.

2. Till compost into subsoil to a depth of at least 12 inches using a cat-mounted ripper, tractor-mounted disc, or tiller, mixing, and circulating air and compost into subsoils.

3. Rock-pick until uplifted stone/rock materials of four inches and larger size are cleaned off the site.

Specifications for Final Stabilization of Graded Areas

Final stabilization of graded areas consists of the placement of topsoil and installation of landscaping (unless the area is to be paved, or a building is to be constructed in the location). Topsoil is to be spread as soon as grading operations are completed. Topsoil is to be placed to a minimum depth of six inches on all embankments, planting areas and seeding/sod areas. The subgrade is to be scarified to a depth of two inches to provide a bond of the topsoil with the subsoil. Topsoil is to be raked to an even surface and cleared of all debris, roots, stones and other unsatisfactory material.

Planting operations shall be conducted under favorable weather conditions as follows:

- Permanent Lawns - April 15 (provided soil is frost-free and not excessively moist) to May 15; August 15 to October 15.
- Temporary Lawn Seeding - if outside of the time periods noted above, the areas shall be seeded immediately on completion of topsoil operations with annual ryegrass (Italian rye) at a rate of six pounds per 1,000 square feet. Temporary lawn installation is permitted provided the soil is frost-free and not excessively moist. The permanent lawn is to be installed the next planting season.

On slopes with a grade of 3 horizontal to 1 vertical or greater, and in swales, a geotextile netting or mat shall be installed for stabilization purposes as shown on the Plans. Seeded areas are to be mulched with straw or hay at an application rate of 70-90 pounds per 1,000 s.f. Straw or hay mulch must be spread uniformly and anchored immediately after spreading to prevent wind blowing. Mulches must be inspected periodically and in particular after rainstorms to check for erosion. If erosion is observed, additional mulch must be applied. Netting shall be inspected after rainstorms for dislocation or failure; any damage shall be repaired immediately.

All denuded surfaces which will be exposed for a period of over two months or more shall be temporarily hydroseeded with (a) perennial ryegrass at a rate of 40 lbs per acre (1.0 lb per 1000 square feet); (b) Certified "Aroostook" winter rye (cereal rye) @ 100 lb per acre (2.5 lb/1000 s.f.) to be used in the months of October and November.

Permanent turfgrass cover is to consist of a seed mixture as follows:

(a) <u>Sunny sites</u>

Kentucky Bluegrass	2.0-2.6 pounds/1000 square feet
Perennial Ryegrass	0.6-0.7 pounds/1000 square feet
Fine Fescue	0.4-0.6 pounds/1000 square feet

(b) <u>Shady sites</u>

Kentucky Bluegrass	0.8-1.0 pounds/1000 square feet
Perennial Ryegrass	0.6-0.7 pounds/1000 square feet
Fine Fescue	2.6-3.3 pounds/1000 square feet

All plant materials shall comply with the standards of the American Association Of Nurserymen with respect to height and caliper as described in its publication American Standard for Nursery Stock, latest edition.

VII. CONSTRUCTION PHASE AND POST-CONSTRUCTION MAINTENANCE

During the construction phase and following construction of the project, a number of maintenance measures will be taken with respect to the site maintenance. Measures to be taken included the following:

1. During Construction

A comprehensive sediment and erosion control plan will be in place during the construction period. Maintenance measures for sediment and erosion controls will include:

A qualified professional acceptable to the municipality will be hired by the owner or operator to monitor the installation and maintenance of the sediment and erosion control plans. The qualified professional shall report directly to the Engineering Consultant and shall be responsible for ensuring compliance with the design of the sediment and erosion control plans.

The qualified professional so hired will inspect all sediment and erosion control measures at least every seven calendar days. In the event that there has been a variance with the design of the sediment and erosion control measures so that the ability of the measures to adequately perform the intended function is lessened or compromised and/or the facilities are not adequately maintained, the qualified professional shall be required to report such variance to the Engineering Consultant within 48 hours and shall be empowered to order immediate repairs to the sediment and erosion control measures.

The qualified professional will also be responsible for observing the adequacy of the vegetation growth (trees, shrubs, groundcovers and turfgrasses) in newly graded areas and for ordering additional plantings in the event that the established plant materials do not adequately protect the ground surface from erosion.

2. Following Construction

Site maintenance activities on the property will include:

- Grounds maintenance, including mowing of lawns;
- Planting of trees, shrubs and groundcovers; pruning of trees and shrubs;
- Application of fertilizer and herbicides;
- Maintenance of stormwater management area;

Grounds maintenance on the site will be performed by landscaping contractor.

Fertilizer is typically applied twice in the year - once in the spring and once in the fall. The application of fertilizer is usually necessary to maintain healthy lawn growth due to competition for nutrients with trees and shrubs and since the clippings are often removed. It is not recommended that fertilizer be applied during the summer. It is at this time that lawns are typically dormant.

Fertilizers come in three basic types: (1) Organic; (2) Soluble synthetic and (3) Slow release.

Organic fertilizers are derived from plant or animal waste. Since they are heavier and bulkier than other fertilizers, it is necessary to apply a much greater amount at one time. Soluble synthetic fertilizers are predictable with determining the exact impact on a lawn. However more applications are necessary since their effect is often short term. Slow release fertilizers have a high percentage of nitrogen so quantities that need be handled at one time are smaller. Slow release fertilizers will be utilized by the project.

A complete fertilizer contains all three of the primary nutrients - nitrogen (N), phosphorus (P) and potassium in the form of potash (K). Typically, a 3-1-2 ratio of nutrients (N-P-K) is used for lawn applications.

Fertilizer shall be applied by the landscape contractor in accordance with the manufacturer's instructions. The application of fertilizer does require some skill on the part of the operator. Should there be a spill of fertilizer, the landscape contractor shall be required to scrape or vacuum it up. The area will then be watered in accordance with the manufacturer's instructions to ensure that the fertilizer becomes soluble and available to plants and does not run off.

Hudson Park Group LLC will be responsible for the long-term operation and maintenance of the permanent stormwater management practices. The permanent stormwater management practices shall be maintained in accordance with the Maintenance Inspection Checklists provided in Appendix E.

VIII. CONCLUSION

This Preliminary Stormwater Pollution Prevention Plan has been prepared to describe the project's pre and post-development stormwater management improvements and its sediment and erosion control improvements to be utilized during construction. The proposed permanent improvements and the interim improvements to be utilized during construction have been designed in accordance with the requirements of the:

- New York State Department of Environmental Conservation (NYSDEC) SPDES General Permit No. GP-0-20-001, effective January 2020.
- Chapter 168 "Stormwater Management and Sediment and Erosion Control" of the Town of Ossining Code.
- New York State Stormwater Management Design Manual, revised January 2016.

The project employs a variety of practices to enhance stormwater quality and reduce peak rates of runoff associated with the proposed improvements. These measures include infiltration basins, a wet extended detention pond and stormwater planters. These improvements will also mitigate runoff volumes from the proposed improvements as runoff volumes will be slightly reduced or maintained in all the analyzed storms.

Based on the foregoing, it is our professional opinion that the proposed improvements will provide water quantity and quality enhancements which exceed the above mentioned requirements and are not anticipated to have any adverse impacts to the site or any surrounding areas.

APPENDIX A

EXISTING HYDROLOGIC CALCULATIONS

APPENDIX B

PROPOSED HYDROLOGIC CALCULATIONS

APPENDIX C

NYSDEC STORMWATER SIZING CALCULATIONS

APPENDIX D

REPORT ON SUBSURFACE SOIL AND FOUNDATION INVESTIGATION

APPENDIX E

TEMPORARY EROSION AND SEDIMENT CONTROL AND PERMANENT STORMWATER MANAGEMENT PRACTICE INSPECTION AND MAINTENANCE CHECKLISTS

APPENDIX F

STORMWATER MANAGEMENT PRACTICE CONSTRUCTION CHECKLISTS

APPENDIX G

CONTRACTORS CERTIFICATION

APPENDIX H

DRAWINGS

I. INTRODUCTION

This Preliminary Stormwater Pollution Prevention Plan has been prepared for the 17.89 acre River Knoll residential development, located in the Town and Village of Ossining, Westchester County New York (hereinafter referred to as the "Site"). The site is bounded by Croton Dam Road to the west and residential properties to the north, south and east. The development has been designed in accordance with the following:

- Requirements of the New York State Department of Environmental Conservation (NYSDEC) SPDES General Permit No. GP-0-20-001, effective January 2020.
- Chapter 168 "Stormwater Management and Sediment and Erosion Control" of the Town of Ossining Code.

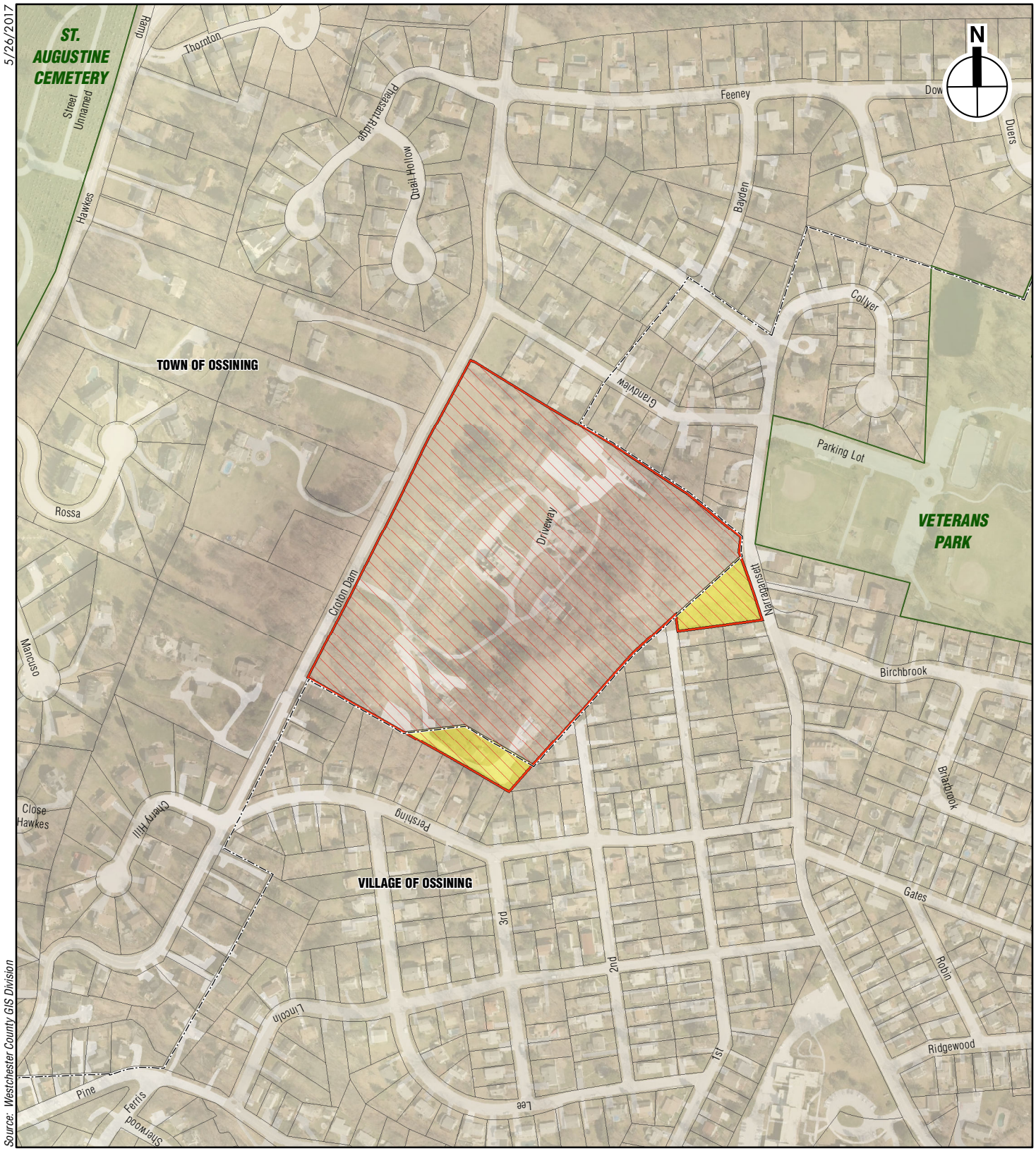
Hudson Park Group LLC proposes to construct 98 age-restricted townhouse units at the former Stony Lodge Psychiatric Hospital property. The proposed development will include the demolition of existing buildings and driveways and construct townhouse buildings with associated driveways, retaining walls, surface parking areas and landscaping. The proposed development will require the use of two infiltration basins to mitigate the stormwater runoff from the site.

II. STORMWATER MANAGEMENT PLANNING

In order to be eligible for coverage under the NYSDEC SPDES General Permit No. GP-0-20-001 for Stormwater Discharges from Construction Activities, the Stormwater Pollution Prevention Plan (SWPPP) includes stormwater management practices (SMP's) from the publication "New York State Stormwater Management Design Manual," last revised January 2015.

A Stormwater Pollution Prevention Plan has been prepared for this project because it is a construction activity that involves:

- A construction activity that involves soil disturbances of one (1) or more acres of land.



Project Site

Project Site Within Village Boundary

Village/Town Boundary

Tax Parcel Boundaries

0 500 FEET

Project Site Location

Figure 1-1

RIVER KNOLL

Source: AKRF

The proposed stormwater facilities have been designed such that the quantity and quality of stormwater runoff during and after construction are not adversely altered or are enhanced when compared to pre-development conditions.

Based on correspondence with the New York State Office of Parks, Recreation and Historic Places (OPRHP), the site does not contain, nor is it immediately adjacent to any properties listed on the State or National Register of Historic Places.

The Five Step Process for Stormwater Site Planning and Practice Selection

Stormwater management using green infrastructure is summarized in the five step process described below. The five-step process was adhered to when developing this SWPPP. Information is provided in this SWPPP which documents compliance with the required process as follows:

Step 1: Site Planning

Implement planning practices that protect natural resources and utilize the hydrology of the site. Strong consideration must be given to reducing impervious cover to aid in the preservation of natural resources including protecting natural areas, avoiding sensitive areas and minimizing grading and soil disturbance.

Step 2: Determine Water Quality Treatment Volume (WQv)

Determine the required WQv for the site based on the site layout, impervious areas and sub-catchments. This initial calculation of WQv will have to be revised after green infrastructure techniques are applied. The following method has been used to calculate the WQv.

- **90% Rule -** According to the New York State Stormwater Design Manual, Section 4.1, the water quality volume is determined from the 90% rule. The method is based on 90%

of the average annual stormwater runoff volume which must be provided due to impervious surfaces. The Water Quality Volume (denoted as the WQv) is designed to improve water quality sizing to capture and treat 90% of the average annual stormwater runoff volume. The WQv is directly related to the amount of impervious cover created at a site. The average rainfall storm depth for 90% of storms in New York State in one year is used to calculate a volume of runoff. The rainfall depth depends on the location of the site within the state. From this depth of rainfall, the required water quality volume is calculated.

The project is a redevelopment and therefore will comply with the strategies outlined within Chapter 9: Redevelopment Projects of the Design Manual. There are different options to control water quality depending on the redevelopment.

Since the redevelopment results in the creation of additional impervious area, Water Quality Treatment Option II will be utilized which requires treatment for 25% of the existing impervious area, plus 100% of the additional, new impervious area.

The plan proposes that a minimum of 25% of the water quality volume (WQv) from the disturbed area is captured and treated by the implementation of standard practices. When utilizing structural stormwater management practices, these practices should be targeted to treat areas with the greatest pollutant generation potential (e.g. parking areas, service stations, etc).

The NYSDEC Redevelopment Standards include specific criteria for the implementation of surface water quality improvements. A combination of standard and non-standard practices are proposed and all facilities will treat the required water quality volume from the entire contributing area. Therefore, Water Quality Treatment Options II & III will be utilized. According to Option III of the Redevelopment Standards, alternative or non-standard practices such as manufactured treatment devices are acceptable if they treat 75% of the water quality volume from the disturbed areas as well as any additional runoff directed to the practice. According to Option II, standard practices such as subsurface infiltration systems can be sized to treat the water quality volume generated from 25% of the existing impervious area plus 100% of the new impervious area.

Green practices such as green roofs and porous pavement can be used towards credit in meeting the water quality volume requirements.

Proposed standard SMP's will effectively treat 100% of the Water Quality Volume (Wqv) for all existing and new impervious areas and the proposed alternative SMP will treat a portion of the redevelopment area.

Step 3: Runoff Reduction Volumes (RRv) by Applying Green Infrastructure Techniques and Standard SMP's

RRv is required for this project since it is a combination of both new development and redevelopment.
Green infrastructure techniques or standard SMP's with RRv capacity can potentially reduce the required WQv by incorporating combinations of green infrastructure techniques and standard SMP's within each drainage area on the site.

Green infrastructure techniques are grouped into two categories:

- Practices resulting in a reduction of contributing area such as preservation/restoration of conservation areas, vegetated channels, etc.
- Practices resulting in a reduction of contributing volume such as green roofs, stormwater planters, and rain gardens.

Apply a combination of green infrastructure techniques and standard SMPs with RRv capacity to provide 100% of the WQv calculated in Step 2. If the RRv calculated in this step is greater than or equal to the WQv in Step 2, the RRv requirement has been met and Step 4 can be skipped. If the RRv provided cannot meet or exceed 100% of the WQv, the project must, at a minimum, reduce a percentage of the runoff from impervious areas to be constructed on the site. The percent reduction is based on the Hydrologic Soil Group(s) (HSG) of the site and is defined as Specific Reduction Factor (S).

The Minimum RRv capacity required must be provided by green infrastructure techniques to verify that the RRv requirement has been met. The RRv that is provided by the green infrastructure techniques can then be subtracted from the Total Required WQv that must be provided by the SMP's.

Step 4: Apply Standard Stormwater Management Practices to Address Remaining Water Quality Volume

Apply the standard SMP's to meet additional water quality volume requirements that cannot be addressed by applying the green infrastructure techniques. The standard SMP's with RRv capacity must be implemented to verify that the RRv requirement has been met.

- **Infiltration Practices –** A subsurface infiltration system is proposed to treat and retain runoff from the site. This practice is located in an area where the groundwater elevation is acceptable to provide the required separation. According to Section 3.6 of the Design Manual, 90% of the WQv provided by an Infiltration Practice can be applied towards meeting the RRv criteria.

Step 5: Apply Volume and Peak Rate Control Practices to Meet Water Quantity Requirements

The Channel Protection Volume (CPv), Overbank Flood Control (Qp) and Extreme Flood Control (Qf) must be met for the plan to be completed. This is accomplished by using practices such as infiltration basins, dry detention basins, etc. to meet water quantity requirements. The following standards must be met:

1. **Stream Channel Protection (CPv)**

   Stream Channel Protection Volume Requirements (CPv) are designed to protect stream channels from erosion. In New York State this goal is accomplished by providing 24-hour extended detention of the one-year, 24-hour storm event, remained from runoff reduction. Reduction of runoff for meeting stream channel protection objectives, where

site conditions allow, is encouraged and the volume reduction achieved through green infrastructure can be deducted from CPv. Trout waters may be exempted from the 24-hour ED requirement, with only 12 hours of extended detention required to meet this criterion. Detention time may be calculated using either a center of mass method or plug flow calculation method.

- CPv is not required because reduction of the entire CPv volume is achieved at a site through green infrastructure or infiltration systems.

2. **Overbank Flood (Qp) which is the 10 year storm.**

Overbank control requires storage to attenuate the post development 10-year, 24-hour peak discharge rate (Qp) to predevelopment rates.

The overbank flood control requirement (Qp) does not apply in certain conditions, including:

- The site discharges directly tidal waters or fifth order (fifth downstream) or larger streams.

- A downstream analysis reveals that overbank control is not needed.

- If redevelopment results in no increase in impervious area or changes to hydrology that increase the discharge rate from the site, the ten year criteria does not apply.

3. **Extreme Storm (Qf) which is the 100 year storm.**

100 Year Control requires storage to attenuate the post development 100-year, 24-hour peak discharge rate (Qf) to predevelopment rates.

The 100-year storm control requirement can be waived if:

- The site discharges directly tidal waters or fifth order (fifth downstream) or larger streams.

- Development is prohibited within the ultimate 100-year floodplain

- A downstream analysis reveals that 100-year control is not needed.

- If redevelopment results in no increase in impervious area or changes to hydrology that increase the discharge rate from the site the hundred-year criteria does not apply.

Based on the foregoing, this project is eligible for coverage under NYSDEC SPDES General Permit No. GP-0-20-001.

III. STUDY METHODOLOGY

Runoff rates were calculated based upon the standards set forth by the United States Department of Agriculture Natural Resources Conservation Service Technical Release 55, Urban Hydrology for Small Watersheds (TR-55), dated June 1986. The methodology set forth in TR-55 considers a multitude of characteristics for watershed areas including soil types, soil permeability, vegetative cover, time of concentration, topography, rainfall intensity, ponding areas, etc.

The 1, 10, 100 year storm recurrence intervals were reviewed in the design of the stormwater management facilities (see Appendices A & B Existing/Proposed Hydrologic Calculations).

Anticipated drainage conditions were analyzed taking into account the rate of runoff which will result from the construction of buildings, parking areas and other impervious surfaces associated with the site development.

Base Data and Design Criteria

For the stormwater management analysis, the following base information and methodology were used:

1. The site drainage patterns and outfall facilities were reviewed by JMC personnel for the purpose of gathering background data and confirming existing mapping of the watershed areas.

2. An Existing Drainage Area Map was developed from the topographical survey. The drainage area map reflects the existing conditions within and around the project area.

3. A Proposed Drainage Area Map was developed from the proposed grading design superimposed over the topographical survey. The drainage area map reflects the proposed conditions within the project area and the existing conditions to remain in the surrounding area.

4. The United States Department of Agriculture (USDA) Web Soil Survey of the site available on its website at http://websoilsurvey.nrcd.usda.gov.

5. Soil Survey of Putnam and Westchester Counties, 1994.

6. The United States Department of Agriculture Natural Resources Conservation Service Technical Report No. 55, Urban Hydrology for Small Watersheds (TR-55), dated June 1986.

The time of concentration was calculated using the methods described in Chapter 3 of TR-55, Second Edition, June 1986. Manning's kinematics wave equation was used to determine the travel time of sheet flow. The 2-year 24-hour precipitation amount of 3.41 inches was used in the equation for all storm events. The travel time for shallow concentrated flow was computed using Figure 3-1 and Table 3-1 of TR-55. Manning's Equation was used to determine the travel time for channel reaches.

7. All hydrologic calculations were performed with the Bentley PondPack software package version 10.0.

8. The New York State Stormwater Management Design Manual, revised January 2015.

9. New York Standards and Specifications for Erosion and Sediment Control, November 2016.

10. The storm flows for the 1, 10, & 100 year recurrence interval storms were analyzed for the total watershed areas. The Type III distribution design storm for a 24 hour duration was used and the mass rainfall for each design storm was taken from the Extreme Precipitation in New York & New England developed by the Natural Resource Conservation Service (NRCS) and the Northeast Regional Climate Center (NRCC) as follows:

24 Hour Rainfall Amounts

Design Storm Recurrence Interval	Inches of Rainfall
1 Year	**2.78**
10 Year	**5.14**
100 Year	**9.30**

http://precip.eas.cornell.edu/

IV. EXISTING CONDITIONS

The existing conditions of the project site consists of the vacant stony lodge psychiatric facility, which contains existing buildings, driveways, grass and wooded areas. Stormwater from the site flows southeast and southwest to existing storm sewer structures that lead off site. After stormwater runoff exits the project site, it flows to existing stormwater conveyance systems in Pershing Avenue.

The following natural features, conservation areas, resource areas and drainage patterns of the project site have been identified and utilized to develop Drawing DA-1 "Existing Drainage Area Map" which is included in Appendix H:

- Vegetative cover
- Critical areas
- Topography (contour lines, existing flow paths, steep slopes, etc.)
- Soil (hydrologic soil groups, highly erodible soils, etc.)
- Bedrock, significant geology features

Based on the USDA web soil survey, all on-site soils are well drained and belong to hydrological group**(s)** B, C and D**.** The soil types, boundaries and drainage areas/designations are depicted on Drawing DA-1 within Appendix H.

Three (3) separate Design Points (1 through 3) were identified for comparing peak rates of runoff in existing and proposed conditions. Three (3) separate drainage areas were identified in existing conditions based on the existing drainage divides at the site. The numbers included in the name of each drainage area correspond to the Design Point they drain towards.

The following is a description of each of the drainage areas analyzed in the existing conditions analysis:

Existing Drainage Area 1 is the western portion of the site and discharges to Design Point 1, which is an existing catch basin located in Pershing Avenue. Existing Drainage Area 1 consists of the following sub-drainage areas:

<u>Existing Drainage Area 1A (EDA-1A)</u> is 2.60 acres in size and is located in the north corner of the site adjacent to Croton Dam Road. This area consists of parking areas, driveways, woods and grassed areas. This drainage area initially drains northwest towards an existing depression which acts as a small detention pond and drains south adjacent to croton dam road towards design point one. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 69 and

14.3 minutes, respectively. Refer to Drawing DA-1 in Appendix H.

Existing Drainage Area 1B (EDA-1B) is 2.31 acres and consist of a portion of the main building, an asphalt parking area, asphalt drives, woods and grass. Runoff from EA-1B flows overland to a depression to the north of the site driveway. The runoff is collected by a drain inlet in the depression and conveyed in a 12" corrugated metal pipe (CMP) to EDA-1C.
The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 74 and 11.4 minutes, respectively. Refer to Drawing DA-1 in Appendix H.

Existing Drainage Area 1C (EDA-1C) is 3.51 acres and consists of a portion of the main building, a 2 story frame building, asphalt drives, a gravel parking area, a few utility buildings, woods and grass. Runoff from EDA-1C flows overland to the southeast corner of the site. The runoff at this location is routed through an existing pipe that extends through the neighboring properties and into the existing catch basin in Pershing Avenue. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 75 and 8.8 minutes, respectively. Refer to Drawing DA-1 in Appendix H.

Existing Drainage Area 2 is the eastern portion of the site and discharges to Design Point 2, which is an existing structure in the southernmost corner of the site. Existing Drainage Area 2 consists of the following sub-drainage areas:

Existing Drainage Area 2A (EDA-2A) is 2.99 acres and consists of a garage and recreation building, a portion of the North Lodge, asphalt parking areas, asphalt drives, woods and grass. Runoff from EDA-2 flows overland to a wetland in the Village of Ossining. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 69 and 5.9 minutes, respectively. Refer to Drawing DA-1 in Appendix H.

Existing Drainage Area 2B (EDA-2B) is 5.79 acres and consists of a portion of the North Lodge, the East Lodge, the West Lodge, the South Cottage, the Administration Building, a garage, a 1 ½ story frame building, asphalt walks and drives, woods and grass. Runoff from EDA-2B flows overland to a swale along the rear property line. The Curve Number (CN) and Time of

Concentration (Tc) for this drainage area are 67 and 12.1 minutes, respectively. Refer to Drawing DA-1 in Appendix H.

Existing Drainage Area 3 (EDA-3) is 0.09 acres and consists of a portion of the asphalt drive and grass area adjacent to Croton Dam Road. Runoff from EDA-3 flows overland out to Croton Dam Road. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 80 and 5 minutes, respectively. Refer to Drawing DA-1 in Appendix H.

The peak rates of runoff to the design points from the drainage areas for each storm are shown in the table below:

Table 1
Summary of Peak Rates of Runoff in Existing Conditions
(Cubic Feet per Second)

Storm Recurrence Interval	DP-1	DP-2	DP-3
1 year	3.65	3.21	0.21
10 year	12.59	15.40	0.39
100 year	26.73	42.32	2.28

V. PROPOSED CONDITIONS

The proposed improvements consist of 98 age-restricted townhouse units including 18 affordable units in clusters of 2, 3, 4, 5 and 6 units, associated sidewalks, parking lot, driveway, subsurface parking garage and landscaped areas. The proposed on-site stormwater runoff from the impervious surfaces including building rooftops, driveway, parking areas and sidewalks will be collected and conveyed by drainage manholes and catch basins to a network of high density polyethylene (HDPE) drain pipe installed underground with discharge to proposed infiltration basins and a micropool extended detention basin.

The proposed drainage improvements include standard stormwater management practices, such as infiltration basins. The vegetated practices and overland discharges provide multiple opportunities for water quality enhancement and infiltration in addition to the proposed stormwater management practices.

This section describes the design and analysis of the proposed conditions used to demonstrate that the SWPPP meets the requirements of the General Permit.

The Five Step Process For Stormwater Site Planning and Practice Selection

Step 1: Site Planning

The following practices and site features were incorporated in the site design:

- Forest, vegetative cover – The maximum amount of forest and vegetative cover has been maintained and/or provided.
- Topography (contour lines, existing flow paths, steep slopes, etc.) has been maintained or disturbed to the minimum extent practicable.
- Soil (hydrologic soil groups, highly erodible soils, etc.)
- Bedrock, significant geology features have been accounted for.

Step 2: Determine Water Quality Treatment Volume (WQv)

This initial calculation of WQv must be revised after green infrastructure techniques are applied. The following method has been used to calculate the WQv.

90% Rule - According to the New York State Stormwater Design Manual, Section 4.1, the water quality volume is determined by the 90% rule. The method is based on 90% of the average annual stormwater runoff volume which must be provided due to impervious surfaces. The WQv is directly related to the amount of impervious cover created at a site. The rainfall depth depends on the location of the site within the state. From this depth of rainfall, the required water quality volume is calculated.

Step 3: Runoff Reduction Volumes (RRv) by Applying Green Infrastructure Techniques and Standard SMP's

Handling of the Runoff Reduction Volume (RRv) is required for the project since it is new development. As permitted in the NYS Stormwater Design Manual, green infrastructure techniques and standard stormwater management practices with RRv capacity can be credited towards the required WQv discussed above when implemented in accordance with the Manual.

Green infrastructure techniques are grouped into two categories:

- Practices resulting in a reduction of contributing area such as preservation/restoration of conservation areas, tree planting, riparian buffers, etc.
- Practices resulting in a reduction of contributing volume such as vegetated swales, pervious pavers, bioretention systems and infiltration systems.

Apply a combination of green infrastructure techniques and standard SMPs with RRv capacity to provide 100% of the WQv calculated in Step 2. If the RRv calculated in this step is greater than or equal to the WQv in Step 2, the RRv requirement has been met and Step 4 can be skipped. If the RRv provided cannot meet or exceed 100% of the WQv, the project must, at a minimum, reduce a percentage of the runoff from impervious areas to be constructed on the Site which is referred to as the Minimum RRv. The percent reduction is based on the Hydrologic Soil Group(s) (HSG) of the Site and is defined as Specific Reduction Factor.

The following standard stormwater management practice is provided in the Design Manual:

- **Standard Practices with RRv Capacity**
  - **Infiltration Basins –** Two infiltration systems are proposed to treat and retain runoff from the rooftop of the proposed building, parking areas, driveways and sidewalks. These practices are located in areas where the existing groundwater was identified at a lower depth.

The Minimum RRv capacity required must be provided by green infrastructure techniques or standard practices to verify that the RRv requirement has been met. The RRv that is provided by

the green infrastructure techniques can then be subtracted from the Total Required WQv that must be provided by the SMP's.

Step 4: Apply Standard Stormwater Management Practices to Address Remaining Water Quality Volume

The standard SMP's must be designed to meet additional water quality volume requirements that cannot be addressed by applying the green infrastructure techniques by themselves.

Step 5: Apply Volume and Peak Rate Control Practices to Meet Water Quantity Requirements

All practices exceed the required elements of SMP criteria as outlined in Chapter 6 of the NYS Stormwater Management Design Manual. A summary of each category is provided below.

1. Feasibility – Ponds are designed based upon unique physical environmental considerations noted in the NYS Stormwater Management Design Manual (NYSSMDM) Table 7.2 "Physical Feasibility Matrix".

2. Conveyance – The design conveys runoff to the designed pond in a manner that is safe, minimizes erosion and disruption to natural drainage channel and promotes filtering and infiltration.

3. Pretreatment – All pond provide pretreatment in accordance with NYSSMDM design guidelines.

4. Treatment Geometry – The plan provides water quality treatment in accordance with NYSSMDM guidelines noted Table 6.1 "Water Quality Volume Distributing in Pond Design".

5. Environmental/Landscaping –Extensive landscaping has been provided for each proposed practice to enhance pollutant removal and provide aesthetic enhancement to the property.

6. Maintenance – Maintenance for the environment practices has been provided and is detain the SWPPP Report as required. Maintenance access is provided in the design plans.

Table 1 summarizes the WQv and RRv required for both design points on the property:

Table 1

WQv / RRv Calculations Summary – See Appendix C	
Initial Required WQv	47,571c.f.
Adjusted Required WQv (Redevelopment)	37,182 c.f.
Minimum RRv Required	12,250 c.f.
RRv Provided	43,308 c.f.
Net WQv Required	0 c.f.

In order to determine the post-development rates of runoff generated on-site, the following drainage areas were analyzed in the post-development conditions. These areas are graphically depicted on Drawing DA-2 "Proposed Drainage Area Map" located in Appendix H.

Three separate Design Points were identified for comparing peak rates of runoff in existing and proposed conditions. Similarly, three separate drainage areas were identified in proposed conditions based on the proposed drainage divides at the site. The numbers included in the name of each drainage area correspond to the Design Point they drain towards.

The following is a description of each of the drainage areas analyzed in the proposed conditions analysis.

Proposed Drainage Area 1 is the western portion of the site and discharges to Design Point 1, which is an existing catch basin located in Pershing Avenue. Proposed Drainage Area 1 consists of the following sub-drainage areas:

<u>Proposed Drainage Area 1A (PDA-1A)</u> is 6.08 acres located at the northwestern portion of the site and consist of the proposed townhouses, driveways, parking areas and landscaping areas. Runoff from PDA-1A will be collected by roof drain leaders and drain inlets and conveyed in pipes to infiltration basin 1A. Stormwater runoff will be pretreated prior to discharging into the infiltration basin with the use of a Cascade Separator water quality structure. The treated water from the

Cascade unit will be routed to the infiltration basin 1A. Multiple infiltration tests were conducted in the area comprising the stormwater basin and revealed infiltration rates ranging from 2-12 inches per hour. To provide a conservative analysis, the average 5 inches per hour was utilized in all infiltration calculations. The outflow for the from the infiltration basin will be conveyed by the outlet control structure OCS-1A which consist of a 3" orifice at elevation 358.75, a 4' weir at elevation 362.20 and the grate top set at elevation 363.10. A 15" culvert pipe is proposed to route the stormwater runoff to the Design Point 1. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 77 and 5 minutes, respectively.

Proposed Drainage Area 1B (PDA-1B) is 5.82 acres located at the central western portion of the site and consists of a portion of the proposed townhouses, asphalt parking areas, asphalt drives and adjacent landscape areas. Runoff from PDA-1B will be collected by roof drain leaders and drain inlets and conveyed in pipes to infiltration basin 1B. Stormwater runoff will be pretreated prior to discharging into the infiltration basin with the use of a Cascade Separator water quality structure. The treated water from the Cascade unit will be routed to the infiltration basin 1B. Multiple infiltration tests were conducted in the area comprising the stormwater basin and revealed an average rate of 4 inches per hour that was utilized in all infiltration calculations. The outflow from the infiltration basin will be controlled by outlet control structure OCS-1 which consists of an 8" orifice at elevation 343.60 and the grate top set at elevation 347.10. A 15" pipe is proposed to route the stormwater runoff to the Design Point 1. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 79 and 5 minutes, respectively.

Proposed Drainage Area 1C (PDA-1C) is 0.65 acres in size and consists southern area of the site remaining undeveloped that will continue to be routed through an existing pipe that extends through the neighboring properties and into the existing catch basin in Pershing Avenue. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 76 and 5 minutes, respectively. Refer to Drawing DA-2 in Appendix H.

Proposed Drainage Area 1D (PDA-1D) is 1.40 acres and consists of the proposed clubhouse building, off street parking, driveway and adjacent landscape areas. Under proposed conditions the

total drainage area and total impervious have been reduced as compared to the existing conditions. Therefore, Water Quality Treatment Options II & III will be utilized. According to Option III of the Redevelopment Standards, alternative or non-standard practices such as manufactured treatment devices are acceptable if they treat 75% of the water quality volume from the disturbed areas as well as any additional runoff directed to the practice. Therefore, the impervious areas will be treated with a Cascade Separator Unit CS-3, which is a NYSDEC approved alternative practice. Runoff from PDA-1D will flow overland to a depression located south of the site driveway. The outflow from the depression will be conveyed to a proposed series of pipes located in Croton Dam Road and then discharge into an existing catch basin in Pershing Avenue. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 80 and 5 minutes, respectively.:

Proposed Drainage Area 2A (PDA-2A) is 3.27 in size and located along the easter portion of the site. the drainage area consists of rear roof areas of three buildings, landscape areas and adjacent undisturbed areas. Under the proposed conditions the total drainage area and total impervious have been reduced as compared to the existing conditions. Therefore, Water Quality Treatment Options II & III will be utilized. According to Option III of the Redevelopment Standards, alternative or non-standard practices such as manufactured treatment devices are acceptable if they treat 75% of the water quality volume from the disturbed areas as well as any additional runoff directed to the practice. Therefore, the impervious areas will be treated with a Cascade Separator Unit CS-3, which is a NYSDEC approved alternative practice. Runoff from PDA-2A flows overland to the wetland in the northeast corner of the site, as in existing conditions. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 70 and 5 minutes, respectively.

Proposed Drainage Area PDA-3A is 0.07 acres and consists of the same portion of the asphalt drive and grass area adjacent to Croton Dam Road as compared to existing conditions. Runoff from PDA-3A flows overland out to Croton Dam Road. The Curve Number (CN) and Time of Concentration (Tc) for this drainage area are 87 and 5 minutes, respectively. Refer to Drawing DA-2 in Appendix H.

The peak rates of runoff to the design point of each of the analyzed drainage areas for each storm are shown on the table below:

Table 3
Summary of Proposed Peak Rates of Runoff in Proposed Conditions
(Cubic Feet per Second)

Storm Recurrence Interval	DP-1	DP-2	DP-3
1 year	0.57	1.84	0.11
10 year	2.81	7.44	0.26
100 year	17.70	19.30	0.52

The reductions in peak rates of runoff from proposed to existing conditions are shown on the table below:

Table 4
Percent Reductions in Peak Rates of Runoff (Existing vs. Proposed Conditions)
(Cubic Feet per Second)

Design Point	Storm Recurrence Frequency (Years)	Existing Peak Runoff Rate (cfs)	Proposed Peak Runoff Rate (cfs)	Percent Reduction (%)
1	1 year	3.65	0.57	84
	10 year	12.59	2.81	77
	100 year	26.73	17.70	33
2	1 year	3.21	1.84	42
	10 year	15.40	7.44	51
	100 year	42.32	19.30	54
3	1 year	0.21	0.11	47
	10 year	0.39	0.26	33
	100 year	2.28	0.52	77

As demonstrated in Table 4, the proposed stormwater improvements will result in significant reductions of peak rates of runoff for all storms and design points analyzed.

VI. SOIL EROSION & SEDIMENT CONTROL

A potential impact of the proposed development on any soils or slopes will be that of erosion and transport of sediment during construction. An Erosion and Sediment Control Management Program will be established for the proposed development, beginning at the start of construction and continuing throughout its course, as outlined in the "New York State Standards and Specifications for Erosion and Sediment Control," dated November 2016. A continuing maintenance program will be implemented for the control of sediment transport and erosion control after construction and throughout the useful life of the project.

The Operator shall have a qualified professional conduct an assessment of the site prior to the commencement of construction and certify that the appropriate erosion and sediment controls, as shown on the Sediment & Erosion Control Plans, have been adequately installed to ensure overall preparedness of the site for the commencement of construction. In addition, the Operator shall have a qualified professional conduct one site inspection at least every seven calendar days and at least two site inspections every seven calendar days when greater than five acres of soil is disturbed at any one time.

Prior to the commencement of construction activity, the owner or operator must identify the contractor(s) and subcontractor(s) that will be responsible for installing, constructing, repairing, replacing, inspecting and maintaining the erosion and sediment control practices included in the SWPPP; and the contractor(s) and subcontractor(s) that will be responsible for constructing the post-construction stormwater management practices included in the SWPPP. The owner or operator shall have each of the contractors and subcontractors identify at least one person from their company that will be responsible for implementation of the SWPPP. This person shall be known as the trained contractor. The owner or operator shall ensure that at least one trained contractor is on site on a daily basis when soil disturbance activities are being performed.
The owner or operator shall have each of the contractors and subcontractors identified above sign a copy of the certification statement provided in Appendix H before they commence any construction activity.

Soil Description

As provided by the United States Department of Agriculture, Soil Conservation Service "Web Soil Survey," soil classifications which exist on the subject site are described below.

Soils are placed into four hydrologic groups: A, B, C, and D. In the definitions of the classes, infiltration rate is the rate at which water enters the soil at the surface and is controlled by the surface conditions. Transmission rate is the rate at which water moves in the soil and is controlled by soil properties. Definitions of the classes are as follows:

A. (Low runoff potential). The soils have a high infiltration rate even when thoroughly wetted. They chiefly consist of deep, well drained to excessively drained sands or gravels. They have a high rate of water transmission.

B. The soils have a moderate infiltration rate when thoroughly wetted. They chiefly are moderately deep to deep, moderately well drained to well drained soils that have moderately fine to moderately coarse textures. They have a moderate rate of water transmission.

C. The soils have a slow infiltration rate when thoroughly wetted. They chiefly have a layer that impedes downward movement of water or have moderately fine to fine texture. They have a slow rate of water transmission.

D. (High runoff potential). The soils have a very slow infiltration rate when thoroughly wetted. They chiefly consist of clay soils that have a high swelling potential, soils that have a permanent high water table, soils that have a claypan or clay layer at or near the surface, and shallow soils over nearly impervious material. They have a very slow rate of water transmission.

A soil's tendency to erode is also described in the USDA web soil survey. The ratings in this interpretation indicate the hazard of soil loss from unsurfaced areas. The ratings are based on soil erosion factor K, slope, and content of rock fragments. The hazard is described as "slight,"

"moderate," or "SEVERE." A rating of "slight" indicates that little or no erosion is likely; "moderate" indicates that some erosion is likely, that the temporarily unsurfaced / unstabilized during construction may require occasional maintenance, and that simple erosion-control measures are needed; and "SEVERE" indicates that significant erosion is expected, that the roads or trails require frequent maintenance, and that erosion-control measures are needed.

Per the Soil Survey, the following soils listed below are present at the site. Following this list is a detailed description of each soil type found on the property:

SYM.	HYDRO. SOIL GROUP	DESCRIPTION
ChE	**B**	**Charlton Loam, 25-35% slopes**
CsD	**B**	**Chatfield Charlton , very rocky**
HrF	**D**	**Hollis-Rock Outcrop Complex, very steep**
CrC	**B**	**Charlton Chatfield complex**
LcB	**A/D**	**Leicester Loam, 3-8% slopes**
PnD	**C**	**Paxton Fine Sandy Loam, 15-25% slopes**

On-Site Pollution Prevention

There are temporary pollution prevention measures used to control litter and construction debris on site, such as:

- Silt Fence
- Sediment Traps
- Inlet Protection

There will be inlet protection provided for all storm drains and inlets with the use of stone & block drop inlet protection, which keep silt, sediment and construction litter and debris out of the on-site stormwater drainage system.

Temporary Control Measures

Temporary control measures and facilities will include silt fences, interceptor swales, stabilized construction entrances, temporary seeding, mulching and sediment traps.

Throughout the construction of the proposed redevelopment, temporary control facilities will be implemented to control on-site erosion and sediment transfer. Interceptor swales, if required, will be used to direct stormwater runoff to temporary sediment traps for settlement. The sediment traps will be constructed as part of this project will serve as temporary sediment basins to remove sediment and pollutants from the stormwater runoff produced during construction. Descriptions of the temporary sediment & erosion controls that will be used during the development of the site including silt fence, stabilized construction entrance, seeding, mulching and inlet protection are as follows:

1. Silt Fence is constructed using a geotextile fabric. The fence will be either 18 inches or 30 inches high. The height of the fence can be increased in the event of placing these devices on uncompacted fills or extremely loose undisturbed soils. The fences will not be placed in areas which receive concentrated flows such as ditches, swales and channels nor will the filter fabric material be placed across the entrance to pipes, culverts, spillway structures, sediment traps or basins.

2. Stabilized Construction Access consists of AASHTO No. 1 rock. The rock entrance will be a minimum of 50 feet in length by 20 feet in width by 8 inches in depth.

3. Seeding will be used to create a vegetative surface to stabilize disturbed earth until at least 70% of the disturbed area has a perennial vegetative cover. This amount is required to adequately function as a sediment and erosion control facility. Grass lining will also be used to line temporary channels and the surrounding disturbed areas.

4. Mulching is used as an anchor for seeding and disturbed areas to reduce soil loss due to storm events. These areas will be mulched with straw at a rate of 3 tons per acre such that the mulch forms a continuous blanket. Mulch must be placed after seeding or within 48 hours after seeding is completed.

5. Inlet Protection will be provided for all stormwater basins and inlets with the use of stone & block drop inlet protection structures, which will keep silt, sediment and construction debris

out of the storm system. Existing structures within existing paved areas will be protected using Manufactured Insert Inlet Protection inside the structures.

6. Erosion Control Matting will be utilized on slopes and within swales, where applicable, to provide stabilization in advance of vegetation being established. Such matting will be biodegradable to facilitate long term growth of vegetation in swales, on slopes and within stormwater management facilities.

7. Sediments Traps will be used with the permanent SMP's until their contributing areas are stabilized.

The contractor shall be responsible for maintaining the temporary sediment and erosion control measures throughout construction. This maintenance will include, but not be limited to, the following tasks:

1. For dust control purposes, moisten all exposed graded areas with water at least twice a day in those areas where soil is exposed and cannot be planted with a temporary cover due to construction operations or the season (December through March).

2. Inspection of erosion and sediment control measures shall be performed at the end of each construction day and immediately following each rainfall event. All required repairs shall be immediately executed by the contractor.

3. Sediment deposits shall be removed when they reach approximately ⅓ the height of the silt fence. All such sediment shall be properly disposed of in fill areas on the site, as directed by the Owner's Field Representative. Fill shall be protected following disposal with mulch, temporary and/or permanent vegetation and be completely circumscribed on the downhill side by silt fence.

4. Rake all exposed areas parallel to the slope during earthwork operations.

5. Following final grading, the disturbed area shall be stabilized with a permanent surface treatment (i.e. turf grass, pavement or sidewalk). During rough grading, areas which are not to be disturbed for fourteen or more days shall be stabilized with the temporary seed mixture, as defined on the plans. Seed all piles of dirt in exposed soil areas that will not receive a permanent surface treatment.

Concrete Material and Equipment Management

Concrete washouts shall be used to contain concrete and liquids when the chutes of concrete mixers and hoppers of concrete pumps are rinsed out after delivery. The washout facilities consolidate solid for easier disposal and prevent runoff of liquids. The wash water is alkaline and contains high levels of chromium, which can leach into the ground and contaminate groundwater. It can also migrate to a storm drain, which can increase the pH of area waters and harm aquatic life. Solids that are improperly disposed of can clog storm drain pipes and cause flooding. Installing concrete washout facilities not only prevents pollution but also is a matter of good housekeeping at your construction site.

Prefabricated concrete washout containers can be delivered to the site to provide maintenance and disposal of materials. Regular pick-ups of solid and liquid waste materials will be necessary. To prevent leaks on the job site, ensure that prefabricated washout containers are watertight. A self installed concrete washout facility can be utilized although they are much less reliable than prefabricated containers and are prone to leaks. There are many design options for the washout, but they are preferably built below-grade to prevent breaches and reduce the likelihood of runoff. Above-grade structures can also be used if they are sized and constructed correctly and are diligently maintained. One of the most common problems with self-installed concrete washout facilities is that they can leak or be breached as a result of constant use, therefore the contractor shall be sure to use quality materials and inspect the facilities on a daily basis.

Washouts must be sized to handle solids, wash water, and rainfall to prevent overflow. Concrete Washout Systems, Inc. estimates that 7 gallons of wash water are used to wash one truck chute and 50 gallons are used to wash out the hopper of a concrete pump truck.

For larger sites, a below-grade washout should be at least 10 feet wide and sized to contain all liquid and solid waste expected to be generated in between cleanout periods. A minimum of 12-inches of freeboard must be provided. The pit must be lined with plastic sheeting of at least 10-mil thickness without holes or tears to prevent leaching of liquids into the ground. Concrete wash water should never be placed in a pit that is connected to the storm drain system or that drains to nearby waterways.

An above-grade washout can be constructed at least 10 feet wide by 10 feet long and sized to contain all liquid and solid waste expected to be generated in between cleanout periods. A minimum of 4-inches of freeboard must be provided. The washout structures can be constructed with staked straw bales or sandbags double-or triple lined with plastic sheeting of at least 10-mil thickness without holes or tears.

Concrete washout facilities shall not be located within 50 feet of storm drains, open ditches, or water bodies and should be placed in locations that allow for convenient access for concrete trucks. The contractor shall check all concrete washout facilities daily to determine if they have been filled to 75 percent capacity, which is when materials need to be removed. Both above-and below-ground self-installed washouts should be inspected daily to ensure that plastic linings are intact and sidewalls have not been damaged by construction activities. Prefabricated washout containers should be inspected daily as well as to ensure the container is not leaking or nearing 75 percent capacity. Inspectors should also note whether the facilities are being used regularly. Additional signage for washouts may be needed in more convenient locations if concrete truck operators are not utilizing them.

The washout structures must be drained or covered prior to predicted rainstorms to prevent overflows. Hardened solids either whole or broken must be removed and then they may be reused onsite or hauled away for recycling.

Once materials are removed from the concrete washout, a new structure must be built or excavated, or if the previous structure is still intact, inspect it for signs of weakening or damage

and make any necessary repairs. Line the structure with new plastic that is free of holes or tears and replace signage if necessary. It is very important that new plastic be used after every cleaning because pumps and concrete removal equipment can damage the existing liner.

Construction Site Chemical Control

The purpose of this management measure is to prevent the generation of nonpoint source pollution from construction sites due to improper handling and usage of nutrients and toxic substances, and to prevent the movement of toxic substances from the construction site.

Many potential pollutants other than sediment are associated with construction activities. These pollutants include pesticides; fertilizers used for vegetative stabilization; petrochemicals; construction chemicals such as concrete products, sealers, and paints; wash water associated with these products; paper; wood; garbage; and sanitary waste.

Disposal of excess pesticides and pesticide-related wastes should conform to registered label directions for the disposal and storage of pesticides and pesticide containers set forth in applicable Federal, State and local regulations that govern their usage, handling, storage, and disposal.

Pesticides should be disposed of through either a licensed waste management firm or a treatment, storage and disposal (TSD) facility. Containers should be triple-rinsed before disposal, and rinse waters should be reused as product.
Other practices include setting aside a locked storage area, tightly closing lids, storing in a cool, dry place, checking containers periodically for leaks or deterioration, maintaining a list of products in storage, using plastic sheeting to line the storage areas, and notifying neighboring property owners prior to spraying.

When storing petroleum products, follow these guidelines:

- Create a shelter around the area with cover and wind protection;
- Line the storage area with a double layer of plastic sheeting or similar material;

- Create an impervious berm around the perimeter with a capacity of 110 percent greater than that of the largest container;
- Clearly label all products;
- Keep tanks off the ground; and
- Keep lids securely fastened.

Post spill procedure information and have persons trained in spill handling on site or on call at all times. Materials for cleaning up spills should be kept on site and easily available. Spills should be cleaned up immediately and the contaminated material properly disposed of. Maintain and wash equipment and machinery in confined areas specifically designed to control runoff.

Thinners or solvents should not be discharged into sanitary or storm systems when cleaning machinery. Use alternative methods for cleaning larger equipment parts, such as high-pressure, high-temperature water washes, or steam cleaning. Equipment-washing detergents can be used, and wash water may be discharged into sanitary sewers if solids are removed from the solution first. (This practice should be verified with the local sewer authority.) Small parts can be cleaned with degreasing solvents, which can then be reused or recycled.

Solid Waste Management and Portable Sanitary Management

The purpose of this management measure is to prevent the potential for solid waste such as construction debris, trash, etc. from construction sites due to improper handling and storage. Debris and litter should be removed periodically from the BMP's and surrounding areas to prevent clogging of pipes and structures. All construction material shall be stored in designated staging areas. Roll-off containers shall be placed on site and all empty containers, construction debris and litter shall be placed in the containers.

Portable sanitary units may be utilized on-site or bathrooms will be provided within construction trailers. A sanitation removal company will be hired to pump/remove any sanitary waste. In the event that portable sanitary units are used and then cleaned after being emptied, the rinse water may not be disposed of to the storm drain system. It shall be contained for later disposal if it can't

be disposed of on-site. Remove paper and trash before cleaning the portable sanitary units. The portable sanitary units shall be located away from the storm drain system if possible. Provide over head cover for wash areas if possible. Maintain spill response material and equipment on site to eliminate the potential for contaminants and wash water from entering the storm drain system.

Permanent Control Measures and Facilities for Long Term Protection

Towards the completion of construction, permanent sediment and erosion control measures will be developed for long term erosion protection. The following permanent control measures and facilities have been proposed to be implemented for the project:

1. Infiltration Basins will be used to treat the runoff volume generated from the developed area and provide improvement to water quality control. The proposed basins will provide water quality for 90% of the average annual stormwater runoff volume. The water quality volume will be retained and higher storms will be released gradually. Refer to the water quality volume calculations, in Appendix C.

2. Catch Basins will be used to remove some of the coarse sand and grit sediment before entering the drainage system. Each catch basin will be constructed with an 18 inch deep sump.

3. Rip-Rap Energy Dissipators At discharge points from the stormwater drainage system into the stormwater management basins, rip-rap pads consisting of angular rocks will be placed to dissipate velocity and reduce the risk of erosion. The rip-rap pads will be 10 feet wide by 10 feet long.

4. Seeding of at least 70% perennial vegetative cover will be used to produce a permanent uniform erosion resistant surface. The seeded areas will be mulched with straw at a rate of 2 tons per acre such that the mulch forms a continuous blanket.

Specifications for Soil Restoration

Prior to the final stabilization of the disturbed areas, soil restoration will be required for all vegetated areas to recover the original properties and porosity of the soil. Soil Restoration Requirements are provided on Table 7 below:

Table 7
Soil Restoration Requirements

Type of Soil Disturbance	Soil Restoration Requirement		Comments/Examples
No soil disturbance	Restoration not permitted		Preservation of Natural Features
Minimal soil disturbance	Restoration not required		Clearing and grubbing
Areas where topsoil is stripped only – no change in grade	HSG A&B	HSG C&D	Protect area from any ongoing construction activities
	apply 6 inches of topsoil	Aerate* and apply 6 inches of topsoil	
Areas of cut or fill	HSG A&B	HSG C&D	Clearing and grubbing
	Aerate and apply 6 inches of topsoil	Apply full Soil Restoration**	
Heavy traffic areas on site (especially) in a zone 5-25 feet around buildings but not within a 5 foot perimeter around foundation walls)	Apply full Soil Restoration (decompaction and compost enhancement)		
Areas where Runoff Reduction and/or Infiltration practices are applied	Restoration not required, but may be applied to enhance the reduction specified for appropriate practices.		Keep construction equipment from crossing these areas. To protect newly installed practice from any ongoing construction activities construct a single phase operation fence area.
Redevelopment projects	Soil Restoration is required on redevelopment projects in areas where existing impervious area will be converted to pervious area.		

* Aeration includes the use of machines such as tractor-drawn implements with coulters making a narrow slit in the soil, a roller with many spikes making indentations in the soil, or prongs which function like a mini-subsoiler.

** Per "Deep Ripping and De-compaction, DEC 2008."

During periods of relatively low to moderate subsoil moisture, the disturbed subsoils are returned to rough grade and the following full soil restoration steps applied:

1. Apply 3 inches of compost over subsoil.

2. Till compost into subsoil to a depth of at least 12 inches using a cat-mounted ripper, tractor-mounted disc, or tiller, mixing, and circulating air and compost into subsoils.

3. Rock-pick until uplifted stone/rock materials of four inches and larger size are cleaned off the site.

Specifications for Final Stabilization of Graded Areas

Final stabilization of graded areas consists of the placement of topsoil and installation of landscaping (unless the area is to be paved, or a building is to be constructed in the location). Topsoil is to be spread as soon as grading operations are completed. Topsoil is to be placed to a minimum depth of six inches on all embankments, planting areas and seeding/sod areas. The subgrade is to be scarified to a depth of two inches to provide a bond of the topsoil with the subsoil. Topsoil is to be raked to an even surface and cleared of all debris, roots, stones and other unsatisfactory material.

Planting operations shall be conducted under favorable weather conditions as follows:

- Permanent Lawns - April 15 (provided soil is frost-free and not excessively moist) to May 15; August 15 to October 15.
- Temporary Lawn Seeding - if outside of the time periods noted above, the areas shall be seeded immediately on completion of topsoil operations with annual ryegrass (Italian rye) at a rate of six pounds per 1,000 square feet. Temporary lawn installation is permitted provided the soil is frost-free and not excessively moist. The permanent lawn is to be installed the next planting season.

On slopes with a grade of 3 horizontal to 1 vertical or greater, and in swales, a geotextile netting or mat shall be installed for stabilization purposes as shown on the Plans. Seeded areas are to be mulched with straw or hay at an application rate of 70-90 pounds per 1,000 s.f. Straw or hay mulch must be spread uniformly and anchored immediately after spreading to prevent wind blowing. Mulches must be inspected periodically and in particular after rainstorms to check for erosion. If erosion is observed, additional mulch must be applied. Netting shall be inspected after rainstorms for dislocation or failure; any damage shall be repaired immediately.

All denuded surfaces which will be exposed for a period of over two months or more shall be temporarily hydroseeded with (a) perennial ryegrass at a rate of 40 lbs per acre (1.0 lb per 1000 square feet); (b) Certified "Aroostook" winter rye (cereal rye) @ 100 lb per acre (2.5 lb/1000 s.f.) to be used in the months of October and November.

Permanent turfgrass cover is to consist of a seed mixture as follows:

(a) <u>Sunny sites</u>

Kentucky Bluegrass	2.0-2.6 pounds/1000 square feet
Perennial Ryegrass	0.6-0.7 pounds/1000 square feet
Fine Fescue	0.4-0.6 pounds/1000 square feet

(b) <u>Shady sites</u>

Kentucky Bluegrass	0.8-1.0 pounds/1000 square feet
Perennial Ryegrass	0.6-0.7 pounds/1000 square feet
Fine Fescue	2.6-3.3 pounds/1000 square feet

All plant materials shall comply with the standards of the American Association Of Nurserymen with respect to height and caliper as described in its publication American Standard for Nursery Stock, latest edition.

VII. CONSTRUCTION PHASE AND POST-CONSTRUCTION MAINTENANCE

During the construction phase and following construction of the project, a number of maintenance measures will be taken with respect to the site maintenance. Measures to be taken included the following:

1. During Construction

A comprehensive sediment and erosion control plan will be in place during the construction period. Maintenance measures for sediment and erosion controls will include:

A qualified professional acceptable to the municipality will be hired by the owner or operator to monitor the installation and maintenance of the sediment and erosion control plans. The qualified professional shall report directly to the Engineering Consultant and shall be responsible for ensuring compliance with the design of the sediment and erosion control plans.

The qualified professional so hired will inspect all sediment and erosion control measures at least every seven calendar days. In the event that there has been a variance with the design of the sediment and erosion control measures so that the ability of the measures to adequately perform the intended function is lessened or compromised and/or the facilities are not adequately maintained, the qualified professional shall be required to report such variance to the Engineering Consultant within 48 hours and shall be empowered to order immediate repairs to the sediment and erosion control measures.

The qualified professional will also be responsible for observing the adequacy of the vegetation growth (trees, shrubs, groundcovers and turfgrasses) in newly graded areas and for ordering additional plantings in the event that the established plant materials do not adequately protect the ground surface from erosion.

2. Following Construction

Site maintenance activities on the property will include:

- Grounds maintenance, including mowing of lawns;
- Planting of trees, shrubs and groundcovers; pruning of trees and shrubs;
- Application of fertilizer and herbicides;
- Maintenance of stormwater management area;

Grounds maintenance on the site will be performed by landscaping contractor.

Fertilizer is typically applied twice in the year - once in the spring and once in the fall. The application of fertilizer is usually necessary to maintain healthy lawn growth due to competition for nutrients with trees and shrubs and since the clippings are often removed. It is not recommended that fertilizer be applied during the summer. It is at this time that lawns are typically dormant.

Fertilizers come in three basic types: (1) Organic; (2) Soluble synthetic and (3) Slow release.

Organic fertilizers are derived from plant or animal waste. Since they are heavier and bulkier than other fertilizers, it is necessary to apply a much greater amount at one time. Soluble synthetic fertilizers are predictable with determining the exact impact on a lawn. However more applications are necessary since their effect is often short term. Slow release fertilizers have a high percentage of nitrogen so quantities that need be handled at one time are smaller. Slow release fertilizers will be utilized by the project.

A complete fertilizer contains all three of the primary nutrients - nitrogen (N), phosphorus (P) and potassium in the form of potash (K). Typically, a 3-1-2 ratio of nutrients (N-P-K) is used for lawn applications.

Fertilizer shall be applied by the landscape contractor in accordance with the manufacturer's instructions. The application of fertilizer does require some skill on the part of the operator. Should there be a spill of fertilizer, the landscape contractor shall be required to scrape or vacuum it up. The area will then be watered in accordance with the manufacturer's instructions to ensure that the fertilizer becomes soluble and available to plants and does not run off.

Hudson Park Group LLC will be responsible for the long-term operation and maintenance of the permanent stormwater management practices. The permanent stormwater management practices shall be maintained in accordance with the Maintenance Inspection Checklists provided in Appendix E.

VIII. CONCLUSION

This Preliminary Stormwater Pollution Prevention Plan has been prepared to describe the project's pre and post-development stormwater management improvements and its sediment and erosion control improvements to be utilized during construction. The proposed permanent improvements and the interim improvements to be utilized during construction have been designed in accordance with the requirements of the:

- New York State Department of Environmental Conservation (NYSDEC) SPDES General Permit No. GP-0-20-001, effective January 2020.
- Chapter 168 "Stormwater Management and Sediment and Erosion Control" of the Town of Ossining Code.
- New York State Stormwater Management Design Manual, revised January 2016.

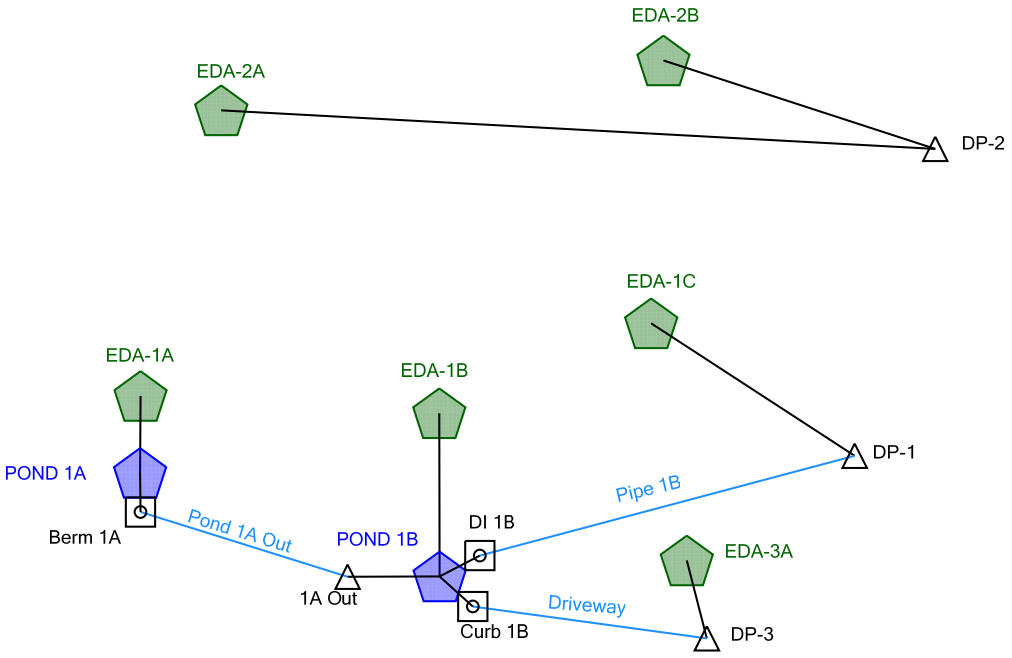
The project employs a variety of practices to enhance stormwater quality and reduce peak rates of runoff associated with the proposed improvements. These measures include infiltration basins, a wet extended detention pond and stormwater planters. These improvements will also mitigate runoff volumes from the proposed improvements as runoff volumes will be slightly reduced or maintained in all the analyzed storms.

Based on the foregoing, it is our professional opinion that the proposed improvements will provide water quantity and quality enhancements which exceed the above mentioned requirements and are not anticipated to have any adverse impacts to the site or any surrounding areas.

APPENDIX A

EXISTING HYDROLOGIC CALCULATIONS

Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs



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Existing Hydrologic Calculations

Project Summary	
Title	RIVER KNOLL
Engineer	DL
Company	JMC
Date	8/9/2021

Notes

Subsection: Master Network Summary

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)
EDA-1A	OSSINING-JMC - Synthetic Curve, 1 yrs	1	5,241.000	12.200	1.01
EDA-1A	OSSINING-JMC - Synthetic Curve, 10 yrs	10	19,440.000	12.200	4.53
EDA-1A	OSSINING-JMC - Synthetic Curve, 100 yrs	100	51,667.000	12.200	12.16
EDA-2A	OSSINING-JMC - Synthetic Curve, 1 yrs	1	6,027.000	12.100	1.43
EDA-2A	OSSINING-JMC - Synthetic Curve, 10 yrs	10	22,354.000	12.100	6.25
EDA-2A	OSSINING-JMC - Synthetic Curve, 100 yrs	100	59,412.000	12.100	16.66
EDA-2B	OSSINING-JMC - Synthetic Curve, 1 yrs	1	10,076.000	12.200	1.93
EDA-2B	OSSINING-JMC - Synthetic Curve, 10 yrs	10	39,962.000	12.150	9.65
EDA-2B	OSSINING-JMC - Synthetic Curve, 100 yrs	100	109,762.000	12.150	27.40
EDA-1B	OSSINING-JMC - Synthetic Curve, 1 yrs	1	6,472.000	12.150	1.49
EDA-1B	OSSINING-JMC - Synthetic Curve, 10 yrs	10	20,765.000	12.150	5.23
EDA-1B	OSSINING-JMC - Synthetic Curve, 100 yrs	100	51,173.000	12.150	12.80

Existing Hydrologic Calculations

Subsection: Master Network Summary

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)
EDA-1C	OSSINING-JMC - Synthetic Curve, 1 yrs	1	10,447.000	12.150	2.62
EDA-1C	OSSINING-JMC - Synthetic Curve, 10 yrs	10	32,657.000	12.150	8.58
EDA-1C	OSSINING-JMC - Synthetic Curve, 100 yrs	100	79,353.000	12.150	20.39
EDA-3A	OSSINING-JMC - Synthetic Curve, 1 yrs	1	833.000	12.100	0.21
EDA-3A	OSSINING-JMC - Synthetic Curve, 10 yrs	10	1,602.000	12.100	0.39
EDA-3A	OSSINING-JMC - Synthetic Curve, 100 yrs	100	2,960.000	12.100	0.70

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)
DP-1	OSSINING-JMC - Synthetic Curve, 1 yrs	1	16,135.000	12.200	3.65
DP-1	OSSINING-JMC - Synthetic Curve, 10 yrs	10	63,865.000	12.150	12.59
DP-1	OSSINING-JMC - Synthetic Curve, 100 yrs	100	171,927.000	12.150	26.73
DP-2	OSSINING-JMC - Synthetic Curve, 1 yrs	1	16,103.000	12.150	3.21
DP-2	OSSINING-JMC - Synthetic Curve, 10 yrs	10	62,316.000	12.150	15.40
DP-2	OSSINING-JMC - Synthetic Curve, 100 yrs	100	169,174.000	12.150	42.32
DP-3	OSSINING-JMC - Synthetic Curve, 1 yrs	1	833.000	12.100	0.21

Existing Hydrologic Calculations

Subsection: Master Network Summary

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)
DP-3	OSSINING-JMC - Synthetic Curve, 10 yrs	10	1,602.000	12.100	0.39
DP-3	OSSINING-JMC - Synthetic Curve, 100 yrs	100	4,230.000	12.550	2.28

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ft³)
POND 1B (IN)	OSSINING-JMC - Synthetic Curve, 1 yrs	1	6,472.000	12.150	1.49	(N/A)	(N/A)
POND 1B (OUT)	OSSINING-JMC - Synthetic Curve, 1 yrs	1	5,688.000	12.250	1.38	338.58	1,070.000
POND 1B (IN)	OSSINING-JMC - Synthetic Curve, 10 yrs	10	31,992.000	12.150	5.23	(N/A)	(N/A)
POND 1B (OUT)	OSSINING-JMC - Synthetic Curve, 10 yrs	10	31,208.000	12.250	4.21	338.92	1,905.000
POND 1B (IN)	OSSINING-JMC - Synthetic Curve, 100 yrs	100	94,628.000	12.200	20.86	(N/A)	(N/A)
POND 1B (OUT)	OSSINING-JMC - Synthetic Curve, 100 yrs	100	93,844.000	12.550	10.50	342.12	19,701.000
POND 1A (IN)	OSSINING-JMC - Synthetic Curve, 1 yrs	1	5,241.000	12.200	1.01	(N/A)	(N/A)
POND 1A (OUT)	OSSINING-JMC - Synthetic Curve, 1 yrs	1	0.000	0.000	0.00	364.50	5,241.000

Existing Hydrologic Calculations

Subsection: Master Network Summary

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ft³)
POND 1A (IN)	OSSINING-JMC - Synthetic Curve, 10 yrs	10	19,440.000	12.200	4.53	(N/A)	(N/A)
POND 1A (OUT)	OSSINING-JMC - Synthetic Curve, 10 yrs	10	11,228.000	12.950	0.83	364.77	9,378.000
POND 1A (IN)	OSSINING-JMC - Synthetic Curve, 100 yrs	100	51,667.000	12.200	12.16	(N/A)	(N/A)
POND 1A (OUT)	OSSINING-JMC - Synthetic Curve, 100 yrs	100	43,454.000	12.300	10.28	365.06	14,010.000

Subsection: Time-Depth Curve
Return Event: 1 years
Label: OSSINING-JMC
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time-Depth Curve: TypeIII 24hr (2.8 in)	
Label	TypeIII 24hr (2.8 in)
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	1 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.0	0.0	0.0
1.000	0.0	0.0	0.0	0.0	0.0
1.500	0.0	0.0	0.0	0.1	0.1
2.000	0.1	0.1	0.1	0.1	0.1
2.500	0.1	0.1	0.1	0.1	0.1
3.000	0.1	0.1	0.1	0.1	0.1
3.500	0.1	0.1	0.1	0.1	0.1

Existing Hydrologic Calculations

Subsection: Time-Depth Curve | Return Event: 1 years
Label: OSSINING-JMC | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
4.000	0.1	0.1	0.1	0.1	0.1
4.500	0.1	0.1	0.1	0.1	0.2
5.000	0.2	0.2	0.2	0.2	0.2
5.500	0.2	0.2	0.2	0.2	0.2
6.000	0.2	0.2	0.2	0.2	0.2
6.500	0.2	0.2	0.2	0.2	0.2
7.000	0.3	0.3	0.3	0.3	0.3
7.500	0.3	0.3	0.3	0.3	0.3
8.000	0.3	0.3	0.3	0.3	0.3
8.500	0.4	0.4	0.4	0.4	0.4
9.000	0.4	0.4	0.4	0.4	0.4
9.500	0.5	0.5	0.5	0.5	0.5
10.000	0.5	0.5	0.6	0.6	0.6
10.500	0.6	0.6	0.6	0.7	0.7
11.000	0.7	0.7	0.7	0.8	0.8
11.500	0.8	0.9	0.9	1.0	1.2
12.000	1.4	1.6	1.7	1.8	1.9
12.500	2.0	2.0	2.0	2.0	2.1
13.000	2.1	2.1	2.1	2.1	2.2
13.500	2.2	2.2	2.2	2.2	2.2
14.000	2.3	2.3	2.3	2.3	2.3
14.500	2.3	2.3	2.3	2.4	2.4
15.000	2.4	2.4	2.4	2.4	2.4
15.500	2.4	2.4	2.4	2.4	2.5
16.000	2.5	2.5	2.5	2.5	2.5
16.500	2.5	2.5	2.5	2.5	2.5
17.000	2.5	2.5	2.5	2.5	2.6
17.500	2.6	2.6	2.6	2.6	2.6
18.000	2.6	2.6	2.6	2.6	2.6
18.500	2.6	2.6	2.6	2.6	2.6
19.000	2.6	2.6	2.6	2.6	2.6
19.500	2.6	2.6	2.6	2.7	2.7
20.000	2.7	2.7	2.7	2.7	2.7
20.500	2.7	2.7	2.7	2.7	2.7
21.000	2.7	2.7	2.7	2.7	2.7
21.500	2.7	2.7	2.7	2.7	2.7
22.000	2.7	2.7	2.7	2.7	2.7
22.500	2.7	2.7	2.7	2.7	2.8
23.000	2.8	2.8	2.8	2.8	2.8
23.500	2.8	2.8	2.8	2.8	2.8
24.000	2.8	(N/A)	(N/A)	(N/A)	(N/A)

Existing Hydrologic Calculations

Subsection: Time-Depth Curve
Label: OSSINING-JMC
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Return Event: 10 years
Storm Event: TypeIII 24hr (5.1 in)

Time-Depth Curve: TypeIII 24hr (5.1 in)	
Label	TypeIII 24hr (5.1 in)
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	10 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.0	0.0	0.0
1.000	0.1	0.1	0.1	0.1	0.1
1.500	0.1	0.1	0.1	0.1	0.1
2.000	0.1	0.1	0.1	0.1	0.1
2.500	0.1	0.1	0.1	0.1	0.2
3.000	0.2	0.2	0.2	0.2	0.2
3.500	0.2	0.2	0.2	0.2	0.2
4.000	0.2	0.2	0.2	0.2	0.2
4.500	0.3	0.3	0.3	0.3	0.3
5.000	0.3	0.3	0.3	0.3	0.3
5.500	0.3	0.3	0.3	0.4	0.4
6.000	0.4	0.4	0.4	0.4	0.4
6.500	0.4	0.4	0.4	0.4	0.5
7.000	0.5	0.5	0.5	0.5	0.5
7.500	0.5	0.5	0.5	0.6	0.6
8.000	0.6	0.6	0.6	0.6	0.6
8.500	0.7	0.7	0.7	0.7	0.7
9.000	0.7	0.8	0.8	0.8	0.8
9.500	0.9	0.9	0.9	0.9	0.9
10.000	1.0	1.0	1.0	1.1	1.1
10.500	1.1	1.1	1.2	1.2	1.2
11.000	1.3	1.3	1.4	1.4	1.5
11.500	1.5	1.6	1.7	1.9	2.1
12.000	2.6	3.0	3.2	3.4	3.5
12.500	3.6	3.7	3.7	3.8	3.8
13.000	3.9	3.9	3.9	4.0	4.0
13.500	4.0	4.1	4.1	4.1	4.1
14.000	4.2	4.2	4.2	4.2	4.3
14.500	4.3	4.3	4.3	4.4	4.4
15.000	4.4	4.4	4.4	4.4	4.5
15.500	4.5	4.5	4.5	4.5	4.5
16.000	4.6	4.6	4.6	4.6	4.6

Existing Hydrologic Calculations

Subsection: Time-Depth Curve | Return Event: 10 years
Label: OSSINING-JMC | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
16.500	4.6	4.6	4.6	4.7	4.7
17.000	4.7	4.7	4.7	4.7	4.7
17.500	4.7	4.7	4.7	4.8	4.8
18.000	4.8	4.8	4.8	4.8	4.8
18.500	4.8	4.8	4.8	4.8	4.8
19.000	4.8	4.9	4.9	4.9	4.9
19.500	4.9	4.9	4.9	4.9	4.9
20.000	4.9	4.9	4.9	4.9	4.9
20.500	5.0	5.0	5.0	5.0	5.0
21.000	5.0	5.0	5.0	5.0	5.0
21.500	5.0	5.0	5.0	5.0	5.0
22.000	5.0	5.0	5.1	5.1	5.1
22.500	5.1	5.1	5.1	5.1	5.1
23.000	5.1	5.1	5.1	5.1	5.1
23.500	5.1	5.1	5.1	5.1	5.1
24.000	5.1	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time-Depth Curve | Return Event: 100 years
Label: OSSINING-JMC | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time-Depth Curve: TypeIII 24hr (9.3 in)	
Label	TypeIII 24hr (9.3 in)
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	100 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.1	0.1	0.1	0.1
1.000	0.1	0.1	0.1	0.1	0.1
1.500	0.1	0.1	0.2	0.2	0.2
2.000	0.2	0.2	0.2	0.2	0.2
2.500	0.2	0.2	0.3	0.3	0.3
3.000	0.3	0.3	0.3	0.3	0.3

Existing Hydrologic Calculations

Subsection: Time-Depth Curve | Return Event: 100 years
Label: OSSINING-JMC | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
3.500	0.3	0.4	0.4	0.4	0.4
4.000	0.4	0.4	0.4	0.4	0.4
4.500	0.5	0.5	0.5	0.5	0.5
5.000	0.5	0.5	0.6	0.6	0.6
5.500	0.6	0.6	0.6	0.6	0.7
6.000	0.7	0.7	0.7	0.7	0.7
6.500	0.7	0.8	0.8	0.8	0.8
7.000	0.8	0.9	0.9	0.9	0.9
7.500	0.9	1.0	1.0	1.0	1.0
8.000	1.1	1.1	1.1	1.1	1.2
8.500	1.2	1.2	1.3	1.3	1.3
9.000	1.4	1.4	1.4	1.5	1.5
9.500	1.5	1.6	1.6	1.7	1.7
10.000	1.8	1.8	1.9	1.9	2.0
10.500	2.0	2.1	2.1	2.2	2.3
11.000	2.3	2.4	2.5	2.6	2.7
11.500	2.8	2.9	3.2	3.5	3.9
12.000	4.7	5.4	5.8	6.1	6.4
12.500	6.5	6.6	6.7	6.8	6.9
13.000	7.0	7.0	7.1	7.2	7.2
13.500	7.3	7.3	7.4	7.4	7.5
14.000	7.5	7.6	7.6	7.7	7.7
14.500	7.8	7.8	7.8	7.9	7.9
15.000	7.9	8.0	8.0	8.0	8.1
15.500	8.1	8.1	8.2	8.2	8.2
16.000	8.2	8.3	8.3	8.3	8.3
16.500	8.4	8.4	8.4	8.4	8.4
17.000	8.5	8.5	8.5	8.5	8.5
17.500	8.6	8.6	8.6	8.6	8.6
18.000	8.6	8.6	8.7	8.7	8.7
18.500	8.7	8.7	8.7	8.7	8.8
19.000	8.8	8.8	8.8	8.8	8.8
19.500	8.8	8.9	8.9	8.9	8.9
20.000	8.9	8.9	8.9	8.9	8.9
20.500	9.0	9.0	9.0	9.0	9.0
21.000	9.0	9.0	9.0	9.0	9.1
21.500	9.1	9.1	9.1	9.1	9.1
22.000	9.1	9.1	9.1	9.2	9.2
22.500	9.2	9.2	9.2	9.2	9.2
23.000	9.2	9.2	9.2	9.2	9.3
23.500	9.3	9.3	9.3	9.3	9.3
24.000	9.3	(N/A)	(N/A)	(N/A)	(N/A)

Existing Hydrologic Calculations

Subsection: Time of Concentration Calculations
Label: EDA-1A
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: TypeIII 24hr (2.8 in)

Time of Concentration Results

Segment #1: TR-55 Sheet Flow	
Hydraulic Length	10.00 ft
Manning's n	0.011
Slope	0.058 ft/ft
2 Year 24 Hour Depth	3.4 in
Average Velocity	1.37 ft/s
Segment Time of Concentration	0.002 hours

Segment #2: TR-55 Sheet Flow	
Hydraulic Length	27.00 ft
Manning's n	0.240
Slope	0.105 ft/ft
2 Year 24 Hour Depth	3.4 in
Average Velocity	0.18 ft/s
Segment Time of Concentration	0.042 hours

Segment #3: TR-55 Sheet Flow	
Hydraulic Length	105.00 ft
Manning's n	0.400
Slope	0.105 ft/ft
2 Year 24 Hour Depth	3.4 in
Average Velocity	0.16 ft/s
Segment Time of Concentration	0.186 hours

Segment #4: TR-55 Shallow Concentrated Flow	
Hydraulic Length	199.00 ft
Is Paved?	False
Slope	0.136 ft/ft
Average Velocity	5.94 ft/s
Segment Time of Concentration	0.009 hours

Time of Concentration (Composite)	
Time of Concentration (Composite)	0.239 hours

==== SCS Channel Flow

Existing Hydrologic Calculations

Subsection: Time of Concentration Calculations — Return Event: 1 years
Label: EDA-1A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

==== SCS Channel Flow

Tc =

R = Qa / Wp
V = (1.49 * (R**(2/3)) * (Sf**-0.5)) / n

(Lf / V) / 3600

Where:
R= Hydraulic radius
Aq= Flow area, square feet
Wp= Wetted perimeter, feet
V= Velocity, ft/sec
Sf= Slope, ft/ft
n= Manning's n
Tc= Time of concentration, hours
Lf= Flow length, feet

==== SCS TR-55 Shallow Concentration Flow

Tc =

Unpaved surface:
V = 16.1345 * (Sf**0.5)

Paved Surface:
V = 20.3282 * (Sf**0.5)

(Lf / V) / 3600

Where:
V= Velocity, ft/sec
Sf= Slope, ft/ft
Tc= Time of concentration, hours
Lf= Flow length, feet

Subsection: Time of Concentration Calculations — Return Event: 1 years
Label: EDA-1B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time of Concentration Results

Segment #1: TR-55 Sheet Flow	
Hydraulic Length	150.00 ft
Manning's n	0.240
Slope	0.097 ft/ft
2 Year 24 Hour Depth	3.4 in
Average Velocity	0.25 ft/s
Segment Time of Concentration	0.169 hours

Segment #2: TR-55 Shallow Concentrated Flow	
Hydraulic Length	294.00 ft
Is Paved?	False
Slope	0.058 ft/ft
Average Velocity	3.88 ft/s

Subsection: Time of Concentration Calculations — Return Event: 1 years
Label: EDA-1B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Segment #2: TR-55 Shallow Concentrated Flow	
Segment Time of Concentration	0.021 hours

Time of Concentration (Composite)	
Time of Concentration (Composite)	0.190 hours

==== SCS Channel Flow

Tc =
R = Qa / Wp
V = (1.49 * (R**(2/3)) * (Sf**-0.5)) / n

(Lf / V) / 3600

Where:
R= Hydraulic radius
Aq= Flow area, square feet
Wp= Wetted perimeter, feet
V= Velocity, ft/sec
Sf= Slope, ft/ft
n= Manning's n
Tc= Time of concentration, hours
Lf= Flow length, feet

==== SCS TR-55 Shallow Concentration Flow

Tc =
Unpaved surface:
V = 16.1345 * (Sf**0.5)

Paved Surface:
V = 20.3282 * (Sf**0.5)

(Lf / V) / 3600

Where:
V= Velocity, ft/sec
Sf= Slope, ft/ft
Tc= Time of concentration, hours
Lf= Flow length, feet

Subsection: Time of Concentration Calculations — Return Event: 1 years
Label: EDA-1C — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time of Concentration Results

Segment #1: TR-55 Sheet Flow	
Hydraulic Length	17.00 ft
Manning's n	0.011
Slope	0.176 ft/ft
2 Year 24 Hour Depth	3.4 in
Average Velocity	2.38 ft/s

Existing Hydrologic Calculations

Subsection: Time of Concentration Calculations
Label: EDA-1C
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: TypeIII 24hr (2.8 in)

Segment #1: TR-55 Sheet Flow	
Segment Time of Concentration	0.002 hours

Segment #2: TR-55 Sheet Flow	
Hydraulic Length	133.00 ft
Manning's n	0.240
Slope	0.195 ft/ft
2 Year 24 Hour Depth	3.4 in
Average Velocity	0.32 ft/s
Segment Time of Concentration	0.116 hours

Segment #3: TR-55 Shallow Concentrated Flow	
Hydraulic Length	104.00 ft
Is Paved?	True
Slope	0.106 ft/ft
Average Velocity	6.61 ft/s
Segment Time of Concentration	0.004 hours

Segment #4: TR-55 Shallow Concentrated Flow	
Hydraulic Length	53.00 ft
Is Paved?	False
Slope	0.264 ft/ft
Average Velocity	8.29 ft/s
Segment Time of Concentration	0.002 hours

Segment #5: TR-55 Shallow Concentrated Flow	
Hydraulic Length	107.00 ft
Is Paved?	True
Slope	0.028 ft/ft
Average Velocity	3.40 ft/s
Segment Time of Concentration	0.009 hours

Segment #6: TR-55 Shallow Concentrated Flow	
Hydraulic Length	377.00 ft
Is Paved?	False
Slope	0.110 ft/ft
Average Velocity	5.35 ft/s

Subsection: Time of Concentration Calculations — Return Event: 1 years
Label: EDA-1C — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Segment #6: TR-55 Shallow Concentrated Flow	
Segment Time of Concentration	0.020 hours

Time of Concentration (Composite)	
Time of Concentration (Composite)	0.153 hours

==== SCS Channel Flow

Tc =
R = Qa / Wp
V = (1.49 * (R**(2/3)) * (Sf**-0.5)) / n

(Lf / V) / 3600

Where:
R= Hydraulic radius
Aq= Flow area, square feet
Wp= Wetted perimeter, feet
V= Velocity, ft/sec
Sf= Slope, ft/ft
n= Manning's n
Tc= Time of concentration, hours
Lf= Flow length, feet

==== SCS TR-55 Shallow Concentration Flow

Tc =
Unpaved surface:
V = 16.1345 * (Sf**0.5)

Paved Surface:
V = 20.3282 * (Sf**0.5)

(Lf / V) / 3600

Where:
V= Velocity, ft/sec
Sf= Slope, ft/ft
Tc= Time of concentration, hours
Lf= Flow length, feet

Subsection: Time of Concentration Calculations — Return Event: 1 years
Label: EDA-2A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time of Concentration Results

Segment #1: TR-55 Sheet Flow	
Hydraulic Length	100.00 ft
Manning's n	0.011
Slope	0.080 ft/ft
2 Year 24 Hour Depth	3.4 in
Average Velocity	2.47 ft/s

Existing Hydrologic Calculations

Subsection: Time of Concentration Calculations
Label: EDA-2A
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: TypeIII 24hr (2.8 in)

Segment #1: TR-55 Sheet Flow	
Segment Time of Concentration	0.011 hours

Segment #2: TR-55 Sheet Flow	
Hydraulic Length	50.00 ft
Manning's n	0.400
Slope	0.250 ft/ft
2 Year 24 Hour Depth	3.4 in
Average Velocity	0.19 ft/s
Segment Time of Concentration	0.073 hours

Segment #3: TR-55 Shallow Concentrated Flow	
Hydraulic Length	359.00 ft
Is Paved?	False
Slope	0.194 ft/ft
Average Velocity	7.11 ft/s
Segment Time of Concentration	0.014 hours

Time of Concentration (Composite)	
Time of Concentration (Composite)	0.098 hours

==== SCS Channel Flow

Tc =

R = Qa / Wp
V = (1.49 * (R**(2/3)) * (Sf**-0.5)) / n

(Lf / V) / 3600

Where:

R= Hydraulic radius
Aq= Flow area, square feet
Wp= Wetted perimeter, feet
V= Velocity, ft/sec
Sf= Slope, ft/ft
n= Manning's n
Tc= Time of concentration, hours
Lf= Flow length, feet

==== SCS TR-55 Shallow Concentration Flow

Existing Hydrologic Calculations

Subsection: Time of Concentration Calculations — Return Event: 1 years
Label: EDA-2A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

==== SCS TR-55 Shallow Concentration Flow

Tc =

Unpaved surface:
V = 16.1345 * (Sf**0.5)

Paved Surface:
V = 20.3282 * (Sf**0.5)

(Lf / V) / 3600

Where:
V= Velocity, ft/sec
Sf= Slope, ft/ft
Tc= Time of concentration, hours
Lf= Flow length, feet

Subsection: Time of Concentration Calculations — Return Event: 1 years
Label: EDA-2B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time of Concentration Results

Segment #1: TR-55 Sheet Flow	
Hydraulic Length	150.00 ft
Manning's n	0.400
Slope	0.273 ft/ft
2 Year 24 Hour Depth	3.4 in
Average Velocity	0.25 ft/s
Segment Time of Concentration	0.168 hours

Segment #2: TR-55 Shallow Concentrated Flow	
Hydraulic Length	765.00 ft
Is Paved?	False
Slope	0.162 ft/ft
Average Velocity	6.49 ft/s
Segment Time of Concentration	0.033 hours

Time of Concentration (Composite)	
Time of Concentration (Composite)	0.201 hours

==== SCS Channel Flow

Tc =

R = Qa / Wp
V = (1.49 * (R**(2/3)) * (Sf**-0.5)) / n

(Lf / V) / 3600

Existing Hydrologic Calculations

Subsection: Time of Concentration Calculations — Return Event: 1 years
Label: EDA-2B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

==== SCS Channel Flow

Where:
R= Hydraulic radius
Aq= Flow area, square feet
Wp= Wetted perimeter, feet
V= Velocity, ft/sec
Sf= Slope, ft/ft
n= Manning's n
Tc= Time of concentration, hours
Lf= Flow length, feet

==== SCS TR-55 Shallow Concentration Flow

Tc =
Unpaved surface:
V = 16.1345 * (Sf**0.5)

Paved Surface:
V = 20.3282 * (Sf**0.5)

(Lf / V) / 3600

Where:
V= Velocity, ft/sec
Sf= Slope, ft/ft
Tc= Time of concentration, hours
Lf= Flow length, feet

Subsection: Runoff CN-Area — Return Event: 1 years
Label: EDA-1A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
IMPERVIOUS	98.000	0.310	0.0	0.0	98.000
LAWN B	61.000	1.300	0.0	0.0	61.000
LAWN D	80.000	0.280	0.0	0.0	80.000
WOODS B	55.000	0.310	0.0	0.0	55.000
WOODS D	77.000	0.400	0.0	0.0	77.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	2.600	(N/A)	(N/A)	69.204

Subsection: Runoff CN-Area — Return Event: 1 years
Label: EDA-1B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
IMPERVIOUS	98.000	0.240	0.0	0.0	98.000
LAWN B	61.000	0.900	0.0	0.0	61.000

Existing Hydrologic Calculations

Subsection: Runoff CN-Area
Return Event: 1 years
Label: EDA-1B
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
LAWN D	80.000	0.700	0.0	0.0	80.000
WOODS D	77.000	0.470	0.0	0.0	77.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	2.310	(N/A)	(N/A)	73.857

Subsection: Runoff CN-Area
Return Event: 1 years
Label: EDA-1C
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
IMPERVIOUS	98.000	0.780	0.0	0.0	98.000
LAWN B	61.000	1.070	0.0	0.0	61.000
LAWN C	74.000	0.870	0.0	0.0	74.000
LAWN D	80.000	0.340	0.0	0.0	80.000
WOODS B	55.000	0.060	0.0	0.0	55.000
WOODS C	70.000	0.380	0.0	0.0	70.000
WOODS D	77.000	0.010	0.0	0.0	77.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	3.510	(N/A)	(N/A)	75.202

Subsection: Runoff CN-Area
Return Event: 1 years
Label: EDA-2A
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
IMPERVIOUS	98.000	0.590	0.0	0.0	98.000
LAWN B	61.000	1.610	0.0	0.0	61.000
LAWN D	80.000	0.250	0.0	0.0	80.000
WOODS B	55.000	0.540	0.0	0.0	55.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	2.990	(N/A)	(N/A)	68.806

Subsection: Runoff CN-Area
Return Event: 1 years
Label: EDA-2B
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
IMPERVIOUS	98.000	0.870	0.0	0.0	98.000

Existing Hydrologic Calculations

Subsection: Runoff CN-Area
Label: EDA-2B
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: TypeIII 24hr (2.8 in)

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
LAWN B	61.000	2.300	0.0	0.0	61.000
LAWN C	74.000	0.470	0.0	0.0	74.000
LAWN D	80.000	0.120	0.0	0.0	80.000
WOODS B	55.000	1.610	0.0	0.0	55.000
WOODS C	70.000	0.370	0.0	0.0	70.000
WOODS D	77.000	0.050	0.0	0.0	77.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	5.790	(N/A)	(N/A)	67.054

Subsection: Runoff CN-Area
Label: EDA-3A
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: TypeIII 24hr (2.8 in)

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
IMPERVIOUS	98.000	0.090	0.0	0.0	98.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	0.090	(N/A)	(N/A)	98.000

Subsection: Unit Hydrograph Summary
Label: EDA-1A
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: TypeIII 24hr (2.8 in)

Storm Event	TypeIII 24hr (2.8 in)
Return Event	1 years
Duration	35.000 hours
Depth	2.8 in
Time of Concentration (Composite)	0.239 hours
Area (User Defined)	2.600 acres

Computational Time Increment	0.032 hours
Time to Peak (Computed)	12.227 hours
Flow (Peak, Computed)	1.02 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.200 hours
Flow (Peak Interpolated Output)	1.01 ft^3/s

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: EDA-1A | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	2.600 acres
Maximum Retention (Pervious)	4.5 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.6 in
Runoff Volume (Pervious)	5,241.301 ft³

Hydrograph Volume (Area under Hydrograph curve)	
Volume	5,241.000 ft³

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.239 hours
Computational Time Increment	0.032 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	12.34 ft³/s
Unit peak time, Tp	0.159 hours
Unit receding limb, Tr	0.637 hours
Total unit time, Tb	0.796 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: EDA-1A | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Storm Event	TypeIII 24hr (5.1 in)
Return Event	10 years
Duration	35.000 hours
Depth	5.1 in
Time of Concentration (Composite)	0.239 hours
Area (User Defined)	2.600 acres

Computational Time Increment	0.032 hours
Time to Peak (Computed)	12.195 hours
Flow (Peak, Computed)	4.55 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.200 hours
Flow (Peak Interpolated Output)	4.53 ft^3/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	2.600 acres
Maximum Retention (Pervious)	4.5 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.1 in
Runoff Volume (Pervious)	19,439.507 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	19,440.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.239 hours
Computational Time Increment	0.032 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: EDA-1A | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	12.34 ft^3/s
Unit peak time, Tp	0.159 hours
Unit receding limb, Tr	0.637 hours
Total unit time, Tb	0.796 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: EDA-1A | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Storm Event	TypeIII 24hr (9.3 in)
Return Event	100 years
Duration	35.000 hours
Depth	9.3 in
Time of Concentration (Composite)	0.239 hours
Area (User Defined)	2.600 acres

Computational Time Increment	0.032 hours
Time to Peak (Computed)	12.163 hours
Flow (Peak, Computed)	12.31 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.200 hours
Flow (Peak Interpolated Output)	12.16 ft^3/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	2.600 acres
Maximum Retention (Pervious)	4.5 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	5.5 in
Runoff Volume (Pervious)	51,664.689 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	51,667.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.239 hours
Computational Time Increment	0.032 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: EDA-1A | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	12.34 ft^3/s
Unit peak time, Tp	0.159 hours
Unit receding limb, Tr	0.637 hours
Total unit time, Tb	0.796 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: EDA-1B | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Storm Event	TypeIII 24hr (2.8 in)
Return Event	1 years
Duration	35.000 hours
Depth	2.8 in
Time of Concentration (Composite)	0.190 hours
Area (User Defined)	2.310 acres

Computational Time Increment	0.025 hours
Time to Peak (Computed)	12.167 hours
Flow (Peak, Computed)	1.52 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.150 hours
Flow (Peak Interpolated Output)	1.49 ft^3/s

Drainage Area	
SCS CN (Composite)	74.000
Area (User Defined)	2.310 acres
Maximum Retention (Pervious)	3.5 in
Maximum Retention (Pervious, 20 percent)	0.7 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.8 in
Runoff Volume (Pervious)	6,472.039 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	6,472.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.190 hours
Computational Time Increment	0.025 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: EDA-1B | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	13.74 ft^3/s
Unit peak time, Tp	0.127 hours
Unit receding limb, Tr	0.508 hours
Total unit time, Tb	0.635 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: EDA-1B | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Storm Event	TypeIII 24hr (5.1 in)
Return Event	10 years
Duration	35.000 hours
Depth	5.1 in
Time of Concentration (Composite)	0.190 hours
Area (User Defined)	2.310 acres

Computational Time Increment	0.025 hours
Time to Peak (Computed)	12.141 hours
Flow (Peak, Computed)	5.23 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.150 hours
Flow (Peak Interpolated Output)	5.23 ft^3/s

Drainage Area	
SCS CN (Composite)	74.000
Area (User Defined)	2.310 acres
Maximum Retention (Pervious)	3.5 in
Maximum Retention (Pervious, 20 percent)	0.7 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.5 in
Runoff Volume (Pervious)	20,765.588 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	20,765.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.190 hours
Computational Time Increment	0.025 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: EDA-1B | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	13.74 ft^3/s
Unit peak time, Tp	0.127 hours
Unit receding limb, Tr	0.508 hours
Total unit time, Tb	0.635 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: EDA-1B | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Storm Event	TypeIII 24hr (9.3 in)
Return Event	100 years
Duration	35.000 hours
Depth	9.3 in
Time of Concentration (Composite)	0.190 hours
Area (User Defined)	2.310 acres

Computational Time Increment	0.025 hours
Time to Peak (Computed)	12.141 hours
Flow (Peak, Computed)	12.85 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.150 hours
Flow (Peak Interpolated Output)	12.80 ft^3/s

Drainage Area	
SCS CN (Composite)	74.000
Area (User Defined)	2.310 acres
Maximum Retention (Pervious)	3.5 in
Maximum Retention (Pervious, 20 percent)	0.7 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.1 in
Runoff Volume (Pervious)	51,176.342 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	51,173.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.190 hours
Computational Time Increment	0.025 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: EDA-1B | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	13.74 ft^3/s
Unit peak time, Tp	0.127 hours
Unit receding limb, Tr	0.508 hours
Total unit time, Tb	0.635 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: EDA-1C | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Storm Event	TypeIII 24hr (2.8 in)
Return Event	1 years
Duration	35.000 hours
Depth	2.8 in
Time of Concentration (Composite)	0.153 hours
Area (User Defined)	3.510 acres

Computational Time Increment	0.020 hours
Time to Peak (Computed)	12.136 hours
Flow (Peak, Computed)	2.63 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.150 hours
Flow (Peak Interpolated Output)	2.62 ft^3/s

Drainage Area	
SCS CN (Composite)	75.000
Area (User Defined)	3.510 acres
Maximum Retention (Pervious)	3.3 in
Maximum Retention (Pervious, 20 percent)	0.7 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.8 in
Runoff Volume (Pervious)	10,447.658 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	10,447.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.153 hours
Computational Time Increment	0.020 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: EDA-1C | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	26.04 ft^3/s
Unit peak time, Tp	0.102 hours
Unit receding limb, Tr	0.407 hours
Total unit time, Tb	0.509 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: EDA-1C | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Storm Event	TypeIII 24hr (5.1 in)
Return Event	10 years
Duration	35.000 hours
Depth	5.1 in
Time of Concentration (Composite)	0.153 hours
Area (User Defined)	3.510 acres

Computational Time Increment	0.020 hours
Time to Peak (Computed)	12.136 hours
Flow (Peak, Computed)	8.70 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.150 hours
Flow (Peak Interpolated Output)	8.58 ft^3/s

Drainage Area	
SCS CN (Composite)	75.000
Area (User Defined)	3.510 acres
Maximum Retention (Pervious)	3.3 in
Maximum Retention (Pervious, 20 percent)	0.7 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.6 in
Runoff Volume (Pervious)	32,659.582 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	32,657.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.153 hours
Computational Time Increment	0.020 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: EDA-1C | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	26.04 ft^3/s
Unit peak time, Tp	0.102 hours
Unit receding limb, Tr	0.407 hours
Total unit time, Tb	0.509 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: EDA-1C | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Storm Event	TypeIII 24hr (9.3 in)
Return Event	100 years
Duration	35.000 hours
Depth	9.3 in
Time of Concentration (Composite)	0.153 hours
Area (User Defined)	3.510 acres

Computational Time Increment	0.020 hours
Time to Peak (Computed)	12.136 hours
Flow (Peak, Computed)	20.79 ft³/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.150 hours
Flow (Peak Interpolated Output)	20.39 ft³/s

Drainage Area	
SCS CN (Composite)	75.000
Area (User Defined)	3.510 acres
Maximum Retention (Pervious)	3.3 in
Maximum Retention (Pervious, 20 percent)	0.7 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.2 in
Runoff Volume (Pervious)	79,359.249 ft³

Hydrograph Volume (Area under Hydrograph curve)	
Volume	79,353.000 ft³

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.153 hours
Computational Time Increment	0.020 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: EDA-1C | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	26.04 ft^3/s
Unit peak time, Tp	0.102 hours
Unit receding limb, Tr	0.407 hours
Total unit time, Tb	0.509 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: EDA-2A | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Storm Event	TypeIII 24hr (2.8 in)
Return Event	1 years
Duration	35.000 hours
Depth	2.8 in
Time of Concentration (Composite)	0.098 hours
Area (User Defined)	2.990 acres

Computational Time Increment	0.013 hours
Time to Peak (Computed)	12.124 hours
Flow (Peak, Computed)	1.50 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	1.43 ft^3/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	2.990 acres
Maximum Retention (Pervious)	4.5 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.6 in
Runoff Volume (Pervious)	6,027.496 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	6,027.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.098 hours
Computational Time Increment	0.013 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: EDA-2A | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	34.65 ft^3/s
Unit peak time, Tp	0.065 hours
Unit receding limb, Tr	0.261 hours
Total unit time, Tb	0.326 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: EDA-2A | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Storm Event	TypeIII 24hr (5.1 in)
Return Event	10 years
Duration	35.000 hours
Depth	5.1 in
Time of Concentration (Composite)	0.098 hours
Area (User Defined)	2.990 acres

Computational Time Increment	0.013 hours
Time to Peak (Computed)	12.111 hours
Flow (Peak, Computed)	6.32 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	6.25 ft^3/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	2.990 acres
Maximum Retention (Pervious)	4.5 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.1 in
Runoff Volume (Pervious)	22,355.433 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	22,354.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.098 hours
Computational Time Increment	0.013 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: EDA-2A | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	34.65 ft^3/s
Unit peak time, Tp	0.065 hours
Unit receding limb, Tr	0.261 hours
Total unit time, Tb	0.326 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: EDA-2A | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Storm Event	TypeIII 24hr (9.3 in)
Return Event	100 years
Duration	35.000 hours
Depth	9.3 in
Time of Concentration (Composite)	0.098 hours
Area (User Defined)	2.990 acres

Computational Time Increment	0.013 hours
Time to Peak (Computed)	12.111 hours
Flow (Peak, Computed)	16.74 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	16.66 ft^3/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	2.990 acres
Maximum Retention (Pervious)	4.5 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	5.5 in
Runoff Volume (Pervious)	59,414.399 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	59,412.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.098 hours
Computational Time Increment	0.013 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: EDA-2A | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	34.65 ft^3/s
Unit peak time, Tp	0.065 hours
Unit receding limb, Tr	0.261 hours
Total unit time, Tb	0.326 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: EDA-2B | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Storm Event	TypeIII 24hr (2.8 in)
Return Event	1 years
Duration	35.000 hours
Depth	2.8 in
Time of Concentration (Composite)	0.201 hours
Area (User Defined)	5.790 acres

Computational Time Increment	0.027 hours
Time to Peak (Computed)	12.209 hours
Flow (Peak, Computed)	1.93 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.200 hours
Flow (Peak Interpolated Output)	1.93 ft^3/s

Drainage Area	
SCS CN (Composite)	67.000
Area (User Defined)	5.790 acres
Maximum Retention (Pervious)	4.9 in
Maximum Retention (Pervious, 20 percent)	1.0 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.5 in
Runoff Volume (Pervious)	10,076.029 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	10,076.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.201 hours
Computational Time Increment	0.027 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: EDA-2B | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	32.60 ft^3/s
Unit peak time, Tp	0.134 hours
Unit receding limb, Tr	0.537 hours
Total unit time, Tb	0.671 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: EDA-2B | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Storm Event	TypeIII 24hr (5.1 in)
Return Event	10 years
Duration	35.000 hours
Depth	5.1 in
Time of Concentration (Composite)	0.201 hours
Area (User Defined)	5.790 acres

Computational Time Increment	0.027 hours
Time to Peak (Computed)	12.156 hours
Flow (Peak, Computed)	9.73 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.150 hours
Flow (Peak Interpolated Output)	9.65 ft^3/s

Drainage Area	
SCS CN (Composite)	67.000
Area (User Defined)	5.790 acres
Maximum Retention (Pervious)	4.9 in
Maximum Retention (Pervious, 20 percent)	1.0 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.9 in
Runoff Volume (Pervious)	39,958.715 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	39,962.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.201 hours
Computational Time Increment	0.027 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: EDA-2B | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	32.60 ft^3/s
Unit peak time, Tp	0.134 hours
Unit receding limb, Tr	0.537 hours
Total unit time, Tb	0.671 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: EDA-2B | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Storm Event	TypeIII 24hr (9.3 in)
Return Event	100 years
Duration	35.000 hours
Depth	9.3 in
Time of Concentration (Composite)	0.201 hours
Area (User Defined)	5.790 acres

Computational Time Increment	0.027 hours
Time to Peak (Computed)	12.156 hours
Flow (Peak, Computed)	27.51 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.150 hours
Flow (Peak Interpolated Output)	27.40 ft^3/s

Drainage Area	
SCS CN (Composite)	67.000
Area (User Defined)	5.790 acres
Maximum Retention (Pervious)	4.9 in
Maximum Retention (Pervious, 20 percent)	1.0 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	5.2 in
Runoff Volume (Pervious)	109,749.898 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	109,762.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.201 hours
Computational Time Increment	0.027 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: EDA-2B | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	32.60 ft^3/s
Unit peak time, Tp	0.134 hours
Unit receding limb, Tr	0.537 hours
Total unit time, Tb	0.671 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: EDA-3A | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Storm Event	TypeIII 24hr (2.8 in)
Return Event	1 years
Duration	35.000 hours
Depth	2.8 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	0.090 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.095 hours
Flow (Peak, Computed)	0.21 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	0.21 ft^3/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.090 acres
Maximum Retention (Pervious)	0.2 in
Maximum Retention (Pervious, 20 percent)	0.0 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.5 in
Runoff Volume (Pervious)	832.841 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	833.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: EDA-3A | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	1.22 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: EDA-3A | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Storm Event	TypeIII 24hr (5.1 in)
Return Event	10 years
Duration	35.000 hours
Depth	5.1 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	0.090 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.095 hours
Flow (Peak, Computed)	0.39 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	0.39 ft^3/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.090 acres
Maximum Retention (Pervious)	0.2 in
Maximum Retention (Pervious, 20 percent)	0.0 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.9 in
Runoff Volume (Pervious)	1,601.795 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	1,602.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: EDA-3A | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	1.22 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: EDA-3A | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Storm Event	TypeIII 24hr (9.3 in)
Return Event	100 years
Duration	35.000 hours
Depth	9.3 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	0.090 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.095 hours
Flow (Peak, Computed)	0.70 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	0.70 ft^3/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.090 acres
Maximum Retention (Pervious)	0.2 in
Maximum Retention (Pervious, 20 percent)	0.0 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	9.1 in
Runoff Volume (Pervious)	2,959.740 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	2,960.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Existing Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: EDA-3A | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	1.22 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Existing Hydrologic Calculations

Subsection: Addition Summary — Return Event: 1 years
Label: DP-1 — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Summary for Hydrograph Addition at 'DP-1'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	EDA-1C
Pipe 1B	POND 1B

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	EDA-1C	10,447.077	12.150	2.62
Flow (From)	Pipe 1B	5,687.676	12.250	1.38
Flow (In)	DP-1	16,134.752	12.200	3.65

Subsection: Addition Summary — Return Event: 10 years
Label: DP-1 — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Summary for Hydrograph Addition at 'DP-1'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	EDA-1C
Pipe 1B	POND 1B

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	EDA-1C	32,657.311	12.150	8.58
Flow (From)	Pipe 1B	31,208.013	12.250	4.21
Flow (In)	DP-1	63,865.325	12.150	12.59

Subsection: Addition Summary — Return Event: 100 years
Label: DP-1 — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Summary for Hydrograph Addition at 'DP-1'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	EDA-1C
Pipe 1B	POND 1B

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	EDA-1C	79,353.435	12.150	20.39
Flow (From)	Pipe 1B	92,573.541	12.550	8.35

Existing Hydrologic Calculations

Subsection: Addition Summary — Return Event: 100 years
Label: DP-1 — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (In)	DP-1	171,926.977	12.150	26.73

Subsection: Addition Summary — Return Event: 1 years
Label: DP-2 — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Summary for Hydrograph Addition at 'DP-2'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	EDA-2B
<Catchment to Outflow Node>	EDA-2A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	EDA-2B	10,076.455	12.200	1.93
Flow (From)	EDA-2A	6,026.820	12.100	1.43
Flow (In)	DP-2	16,103.275	12.150	3.21

Subsection: Addition Summary — Return Event: 10 years
Label: DP-2 — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Summary for Hydrograph Addition at 'DP-2'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	EDA-2B
<Catchment to Outflow Node>	EDA-2A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	EDA-2B	39,962.395	12.150	9.65
Flow (From)	EDA-2A	22,354.057	12.100	6.25
Flow (In)	DP-2	62,316.453	12.150	15.40

Subsection: Addition Summary — Return Event: 100 years
Label: DP-2 — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Summary for Hydrograph Addition at 'DP-2'

Existing Hydrologic Calculations

Subsection: Addition Summary | Return Event: 100 years
Label: DP-2 | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Summary for Hydrograph Addition at 'DP-2'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	EDA-2B
<Catchment to Outflow Node>	EDA-2A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	EDA-2B	109,761.794	12.150	27.40
Flow (From)	EDA-2A	59,412.449	12.100	16.66
Flow (In)	DP-2	169,174.243	12.150	42.32

Subsection: Addition Summary | Return Event: 1 years
Label: DP-3 | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Summary for Hydrograph Addition at 'DP-3'

Upstream Link	Upstream Node
Driveway	POND 1B
<Catchment to Outflow Node>	EDA-3A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	Driveway	0.000	0.000	0.00
Flow (From)	EDA-3A	832.837	12.100	0.21
Flow (In)	DP-3	832.837	12.100	0.21

Subsection: Addition Summary | Return Event: 10 years
Label: DP-3 | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Summary for Hydrograph Addition at 'DP-3'

Upstream Link	Upstream Node
Driveway	POND 1B
<Catchment to Outflow Node>	EDA-3A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	Driveway	0.000	0.000	0.00
Flow (From)	EDA-3A	1,601.794	12.100	0.39

Existing Hydrologic Calculations

Subsection: Addition Summary — Return Event: 10 years
Label: DP-3 — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (In)	DP-3	1,601.794	12.100	0.39

Subsection: Addition Summary — Return Event: 100 years
Label: DP-3 — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Summary for Hydrograph Addition at 'DP-3'

Upstream Link	Upstream Node
Driveway	POND 1B
<Catchment to Outflow Node>	EDA-3A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	Driveway	1,270.122	12.550	2.15
Flow (From)	EDA-3A	2,959.740	12.100	0.70
Flow (In)	DP-3	4,229.863	12.550	2.28

Subsection: Time vs. Elevation — Return Event: 1 years
Label: POND 1A (OUT) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	364.00	364.00	364.00	364.00	364.00
0.250	364.00	364.00	364.00	364.00	364.00
0.500	364.00	364.00	364.00	364.00	364.00
0.750	364.00	364.00	364.00	364.00	364.00
1.000	364.00	364.00	364.00	364.00	364.00
1.250	364.00	364.00	364.00	364.00	364.00
1.500	364.00	364.00	364.00	364.00	364.00
1.750	364.00	364.00	364.00	364.00	364.00
2.000	364.00	364.00	364.00	364.00	364.00
2.250	364.00	364.00	364.00	364.00	364.00
2.500	364.00	364.00	364.00	364.00	364.00
2.750	364.00	364.00	364.00	364.00	364.00
3.000	364.00	364.00	364.00	364.00	364.00

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 1 years
Label: POND 1A (OUT)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
3.250	364.00	364.00	364.00	364.00	364.00
3.500	364.00	364.00	364.00	364.00	364.00
3.750	364.00	364.00	364.00	364.00	364.00
4.000	364.00	364.00	364.00	364.00	364.00
4.250	364.00	364.00	364.00	364.00	364.00
4.500	364.00	364.00	364.00	364.00	364.00
4.750	364.00	364.00	364.00	364.00	364.00
5.000	364.00	364.00	364.00	364.00	364.00
5.250	364.00	364.00	364.00	364.00	364.00
5.500	364.00	364.00	364.00	364.00	364.00
5.750	364.00	364.00	364.00	364.00	364.00
6.000	364.00	364.00	364.00	364.00	364.00
6.250	364.00	364.00	364.00	364.00	364.00
6.500	364.00	364.00	364.00	364.00	364.00
6.750	364.00	364.00	364.00	364.00	364.00
7.000	364.00	364.00	364.00	364.00	364.00
7.250	364.00	364.00	364.00	364.00	364.00
7.500	364.00	364.00	364.00	364.00	364.00
7.750	364.00	364.00	364.00	364.00	364.00
8.000	364.00	364.00	364.00	364.00	364.00
8.250	364.00	364.00	364.00	364.00	364.00
8.500	364.00	364.00	364.00	364.00	364.00
8.750	364.00	364.00	364.00	364.00	364.00
9.000	364.00	364.00	364.00	364.00	364.00
9.250	364.00	364.00	364.00	364.00	364.00
9.500	364.00	364.00	364.00	364.00	364.00
9.750	364.00	364.00	364.00	364.00	364.00
10.000	364.00	364.00	364.00	364.00	364.00
10.250	364.00	364.00	364.00	364.00	364.00
10.500	364.00	364.00	364.00	364.00	364.00
10.750	364.00	364.00	364.00	364.00	364.00
11.000	364.00	364.00	364.00	364.00	364.00
11.250	364.00	364.00	364.00	364.00	364.00
11.500	364.00	364.00	364.00	364.00	364.00
11.750	364.00	364.00	364.00	364.00	364.01
12.000	364.01	364.02	364.03	364.05	364.07
12.250	364.09	364.11	364.13	364.14	364.16
12.500	364.17	364.18	364.19	364.20	364.21
12.750	364.22	364.22	364.23	364.23	364.24
13.000	364.24	364.24	364.25	364.25	364.26
13.250	364.26	364.26	364.27	364.27	364.27

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 1 years
Label: POND 1A (OUT)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
13.500	364.28	364.28	364.28	364.28	364.29
13.750	364.29	364.29	364.30	364.30	364.30
14.000	364.30	364.31	364.31	364.31	364.31
14.250	364.32	364.32	364.32	364.32	364.32
14.500	364.33	364.33	364.33	364.33	364.34
14.750	364.34	364.34	364.34	364.34	364.35
15.000	364.35	364.35	364.35	364.35	364.35
15.250	364.36	364.36	364.36	364.36	364.36
15.500	364.37	364.37	364.37	364.37	364.37
15.750	364.37	364.38	364.38	364.38	364.38
16.000	364.38	364.38	364.38	364.39	364.39
16.250	364.39	364.39	364.39	364.39	364.39
16.500	364.39	364.40	364.40	364.40	364.40
16.750	364.40	364.40	364.40	364.40	364.40
17.000	364.41	364.41	364.41	364.41	364.41
17.250	364.41	364.41	364.41	364.41	364.41
17.500	364.42	364.42	364.42	364.42	364.42
17.750	364.42	364.42	364.42	364.42	364.42
18.000	364.42	364.42	364.43	364.43	364.43
18.250	364.43	364.43	364.43	364.43	364.43
18.500	364.43	364.43	364.43	364.43	364.43
18.750	364.44	364.44	364.44	364.44	364.44
19.000	364.44	364.44	364.44	364.44	364.44
19.250	364.44	364.44	364.44	364.44	364.45
19.500	364.45	364.45	364.45	364.45	364.45
19.750	364.45	364.45	364.45	364.45	364.45
20.000	364.45	364.45	364.45	364.45	364.46
20.250	364.46	364.46	364.46	364.46	364.46
20.500	364.46	364.46	364.46	364.46	364.46
20.750	364.46	364.46	364.46	364.46	364.46
21.000	364.47	364.47	364.47	364.47	364.47
21.250	364.47	364.47	364.47	364.47	364.47
21.500	364.47	364.47	364.47	364.47	364.47
21.750	364.47	364.47	364.48	364.48	364.48
22.000	364.48	364.48	364.48	364.48	364.48
22.250	364.48	364.48	364.48	364.48	364.48
22.500	364.48	364.48	364.48	364.48	364.48
22.750	364.49	364.49	364.49	364.49	364.49
23.000	364.49	364.49	364.49	364.49	364.49
23.250	364.49	364.49	364.49	364.49	364.49
23.500	364.49	364.49	364.49	364.49	364.49

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 1 years
Label: POND 1A (OUT)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
23.750	364.49	364.50	364.50	364.50	364.50
24.000	364.50	364.50	364.50	364.50	364.50
24.250	364.50	364.50	364.50	364.50	364.50
24.500	364.50	364.50	364.50	364.50	364.50
24.750	364.50	364.50	364.50	364.50	364.50
25.000	364.50	364.50	364.50	364.50	364.50
25.250	364.50	364.50	364.50	364.50	364.50
25.500	364.50	364.50	364.50	364.50	364.50
25.750	364.50	364.50	364.50	364.50	364.50
26.000	364.50	364.50	364.50	364.50	364.50
26.250	364.50	364.50	364.50	364.50	364.50
26.500	364.50	364.50	364.50	364.50	364.50
26.750	364.50	364.50	364.50	364.50	364.50
27.000	364.50	364.50	364.50	364.50	364.50
27.250	364.50	364.50	364.50	364.50	364.50
27.500	364.50	364.50	364.50	364.50	364.50
27.750	364.50	364.50	364.50	364.50	364.50
28.000	364.50	364.50	364.50	364.50	364.50
28.250	364.50	364.50	364.50	364.50	364.50
28.500	364.50	364.50	364.50	364.50	364.50
28.750	364.50	364.50	364.50	364.50	364.50
29.000	364.50	364.50	364.50	364.50	364.50
29.250	364.50	364.50	364.50	364.50	364.50
29.500	364.50	364.50	364.50	364.50	364.50
29.750	364.50	364.50	364.50	364.50	364.50
30.000	364.50	364.50	364.50	364.50	364.50
30.250	364.50	364.50	364.50	364.50	364.50
30.500	364.50	364.50	364.50	364.50	364.50
30.750	364.50	364.50	364.50	364.50	364.50
31.000	364.50	364.50	364.50	364.50	364.50
31.250	364.50	364.50	364.50	364.50	364.50
31.500	364.50	364.50	364.50	364.50	364.50
31.750	364.50	364.50	364.50	364.50	364.50
32.000	364.50	364.50	364.50	364.50	364.50
32.250	364.50	364.50	364.50	364.50	364.50
32.500	364.50	364.50	364.50	364.50	364.50
32.750	364.50	364.50	364.50	364.50	364.50
33.000	364.50	364.50	364.50	364.50	364.50
33.250	364.50	364.50	364.50	364.50	364.50
33.500	364.50	364.50	364.50	364.50	364.50
33.750	364.50	364.50	364.50	364.50	364.50

Existing Hydrologic Calculations

Subsection: Time vs. Elevation — Return Event: 1 years
Label: POND 1A (OUT) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
34.000	364.50	364.50	364.50	364.50	364.50
34.250	364.50	364.50	364.50	364.50	364.50
34.500	364.50	364.50	364.50	364.50	364.50
34.750	364.50	364.50	364.50	364.50	364.50
35.000	364.50	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Elevation — Return Event: 10 years
Label: POND 1A (OUT) — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	364.00	364.00	364.00	364.00	364.00
0.250	364.00	364.00	364.00	364.00	364.00
0.500	364.00	364.00	364.00	364.00	364.00
0.750	364.00	364.00	364.00	364.00	364.00
1.000	364.00	364.00	364.00	364.00	364.00
1.250	364.00	364.00	364.00	364.00	364.00
1.500	364.00	364.00	364.00	364.00	364.00
1.750	364.00	364.00	364.00	364.00	364.00
2.000	364.00	364.00	364.00	364.00	364.00
2.250	364.00	364.00	364.00	364.00	364.00
2.500	364.00	364.00	364.00	364.00	364.00
2.750	364.00	364.00	364.00	364.00	364.00
3.000	364.00	364.00	364.00	364.00	364.00
3.250	364.00	364.00	364.00	364.00	364.00
3.500	364.00	364.00	364.00	364.00	364.00
3.750	364.00	364.00	364.00	364.00	364.00
4.000	364.00	364.00	364.00	364.00	364.00
4.250	364.00	364.00	364.00	364.00	364.00
4.500	364.00	364.00	364.00	364.00	364.00
4.750	364.00	364.00	364.00	364.00	364.00
5.000	364.00	364.00	364.00	364.00	364.00
5.250	364.00	364.00	364.00	364.00	364.00
5.500	364.00	364.00	364.00	364.00	364.00
5.750	364.00	364.00	364.00	364.00	364.00

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: POND 1A (OUT)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
6.000	364.00	364.00	364.00	364.00	364.00
6.250	364.00	364.00	364.00	364.00	364.00
6.500	364.00	364.00	364.00	364.00	364.00
6.750	364.00	364.00	364.00	364.00	364.00
7.000	364.00	364.00	364.00	364.00	364.00
7.250	364.00	364.00	364.00	364.00	364.00
7.500	364.00	364.00	364.00	364.00	364.00
7.750	364.00	364.00	364.00	364.00	364.00
8.000	364.00	364.00	364.00	364.00	364.00
8.250	364.00	364.00	364.00	364.00	364.00
8.500	364.00	364.00	364.00	364.00	364.00
8.750	364.00	364.00	364.00	364.00	364.00
9.000	364.00	364.00	364.00	364.00	364.00
9.250	364.00	364.00	364.00	364.00	364.00
9.500	364.00	364.00	364.00	364.00	364.00
9.750	364.00	364.00	364.00	364.00	364.00
10.000	364.00	364.00	364.00	364.00	364.00
10.250	364.00	364.00	364.00	364.00	364.01
10.500	364.01	364.01	364.01	364.01	364.01
10.750	364.01	364.02	364.02	364.02	364.02
11.000	364.02	364.03	364.03	364.03	364.04
11.250	364.04	364.04	364.05	364.05	364.06
11.500	364.06	364.07	364.08	364.09	364.10
11.750	364.11	364.12	364.14	364.16	364.19
12.000	364.23	364.27	364.33	364.39	364.45
12.250	364.51	364.57	364.61	364.65	364.68
12.500	364.71	364.73	364.74	364.75	364.76
12.750	364.77	364.77	364.77	364.77	364.77
13.000	364.77	364.77	364.77	364.77	364.77
13.250	364.77	364.76	364.76	364.76	364.76
13.500	364.76	364.76	364.76	364.76	364.75
13.750	364.75	364.75	364.75	364.75	364.75
14.000	364.75	364.75	364.75	364.75	364.75
14.250	364.74	364.74	364.74	364.74	364.74
14.500	364.74	364.74	364.74	364.74	364.74
14.750	364.74	364.74	364.74	364.74	364.74
15.000	364.74	364.73	364.73	364.73	364.73
15.250	364.73	364.73	364.73	364.73	364.73
15.500	364.73	364.73	364.73	364.73	364.73
15.750	364.73	364.73	364.73	364.73	364.73
16.000	364.73	364.73	364.73	364.73	364.72

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: POND 1A (OUT)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
16.250	364.72	364.72	364.72	364.72	364.72
16.500	364.72	364.72	364.72	364.72	364.72
16.750	364.72	364.72	364.72	364.72	364.72
17.000	364.72	364.72	364.72	364.72	364.72
17.250	364.72	364.72	364.72	364.72	364.72
17.500	364.72	364.72	364.72	364.72	364.72
17.750	364.72	364.72	364.72	364.72	364.72
18.000	364.72	364.72	364.72	364.72	364.71
18.250	364.71	364.71	364.71	364.71	364.71
18.500	364.71	364.71	364.71	364.71	364.71
18.750	364.71	364.71	364.71	364.71	364.71
19.000	364.71	364.71	364.71	364.71	364.71
19.250	364.71	364.71	364.71	364.71	364.71
19.500	364.71	364.71	364.71	364.71	364.71
19.750	364.71	364.71	364.71	364.71	364.71
20.000	364.71	364.71	364.71	364.71	364.71
20.250	364.71	364.71	364.71	364.71	364.71
20.500	364.71	364.71	364.71	364.71	364.71
20.750	364.71	364.71	364.71	364.71	364.71
21.000	364.71	364.71	364.71	364.71	364.71
21.250	364.71	364.71	364.71	364.71	364.71
21.500	364.71	364.71	364.71	364.71	364.71
21.750	364.71	364.71	364.71	364.71	364.71
22.000	364.71	364.71	364.71	364.71	364.71
22.250	364.71	364.71	364.71	364.71	364.71
22.500	364.71	364.71	364.71	364.71	364.71
22.750	364.71	364.71	364.71	364.71	364.71
23.000	364.71	364.71	364.71	364.71	364.71
23.250	364.71	364.71	364.71	364.71	364.71
23.500	364.71	364.71	364.71	364.71	364.71
23.750	364.71	364.71	364.71	364.71	364.71
24.000	364.71	364.71	364.71	364.71	364.71
24.250	364.71	364.71	364.71	364.70	364.70
24.500	364.70	364.70	364.70	364.70	364.70
24.750	364.70	364.70	364.70	364.70	364.70
25.000	364.70	364.70	364.70	364.70	364.70
25.250	364.70	364.70	364.70	364.70	364.70
25.500	364.70	364.70	364.70	364.70	364.70
25.750	364.70	364.70	364.70	364.70	364.70
26.000	364.70	364.70	364.70	364.70	364.70
26.250	364.70	364.70	364.70	364.70	364.70

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: POND 1A (OUT)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
26.500	364.70	364.70	364.70	364.70	364.70
26.750	364.70	364.70	364.70	364.70	364.70
27.000	364.70	364.70	364.70	364.70	364.70
27.250	364.70	364.70	364.70	364.70	364.70
27.500	364.70	364.70	364.70	364.70	364.70
27.750	364.70	364.70	364.70	364.70	364.70
28.000	364.70	364.70	364.70	364.70	364.70
28.250	364.70	364.70	364.70	364.70	364.70
28.500	364.70	364.70	364.70	364.70	364.70
28.750	364.70	364.70	364.70	364.70	364.70
29.000	364.70	364.70	364.70	364.70	364.70
29.250	364.70	364.70	364.70	364.70	364.70
29.500	364.70	364.70	364.70	364.70	364.70
29.750	364.70	364.70	364.70	364.70	364.70
30.000	364.70	364.70	364.70	364.70	364.70
30.250	364.70	364.70	364.70	364.70	364.70
30.500	364.70	364.70	364.70	364.70	364.70
30.750	364.70	364.70	364.70	364.70	364.70
31.000	364.70	364.70	364.70	364.70	364.70
31.250	364.70	364.70	364.70	364.70	364.70
31.500	364.70	364.70	364.70	364.70	364.70
31.750	364.70	364.70	364.70	364.70	364.70
32.000	364.70	364.70	364.70	364.70	364.70
32.250	364.70	364.70	364.70	364.70	364.70
32.500	364.70	364.70	364.70	364.70	364.70
32.750	364.70	364.70	364.70	364.70	364.70
33.000	364.70	364.70	364.70	364.70	364.70
33.250	364.70	364.70	364.70	364.70	364.70
33.500	364.70	364.70	364.70	364.70	364.70
33.750	364.70	364.70	364.70	364.70	364.70
34.000	364.70	364.70	364.70	364.70	364.70
34.250	364.70	364.70	364.70	364.70	364.70
34.500	364.70	364.70	364.70	364.70	364.70
34.750	364.70	364.70	364.70	364.70	364.70
35.000	364.70	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Elevation
Return Event: 100 years
Label: POND 1A (OUT)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 100 years
Label: POND 1A (OUT)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	364.00	364.00	364.00	364.00	364.00
0.250	364.00	364.00	364.00	364.00	364.00
0.500	364.00	364.00	364.00	364.00	364.00
0.750	364.00	364.00	364.00	364.00	364.00
1.000	364.00	364.00	364.00	364.00	364.00
1.250	364.00	364.00	364.00	364.00	364.00
1.500	364.00	364.00	364.00	364.00	364.00
1.750	364.00	364.00	364.00	364.00	364.00
2.000	364.00	364.00	364.00	364.00	364.00
2.250	364.00	364.00	364.00	364.00	364.00
2.500	364.00	364.00	364.00	364.00	364.00
2.750	364.00	364.00	364.00	364.00	364.00
3.000	364.00	364.00	364.00	364.00	364.00
3.250	364.00	364.00	364.00	364.00	364.00
3.500	364.00	364.00	364.00	364.00	364.00
3.750	364.00	364.00	364.00	364.00	364.00
4.000	364.00	364.00	364.00	364.00	364.00
4.250	364.00	364.00	364.00	364.00	364.00
4.500	364.00	364.00	364.00	364.00	364.00
4.750	364.00	364.00	364.00	364.00	364.00
5.000	364.00	364.00	364.00	364.00	364.00
5.250	364.00	364.00	364.00	364.00	364.00
5.500	364.00	364.00	364.00	364.00	364.00
5.750	364.00	364.00	364.00	364.00	364.00
6.000	364.00	364.00	364.00	364.00	364.00
6.250	364.00	364.00	364.00	364.00	364.00
6.500	364.00	364.00	364.00	364.00	364.00
6.750	364.00	364.00	364.00	364.00	364.00
7.000	364.00	364.00	364.00	364.00	364.00
7.250	364.00	364.00	364.00	364.00	364.00
7.500	364.00	364.00	364.00	364.00	364.00
7.750	364.00	364.00	364.00	364.00	364.00
8.000	364.00	364.00	364.00	364.01	364.01
8.250	364.01	364.01	364.01	364.01	364.01
8.500	364.01	364.02	364.02	364.02	364.02
8.750	364.02	364.03	364.03	364.03	364.03
9.000	364.04	364.04	364.04	364.05	364.05
9.250	364.05	364.06	364.06	364.06	364.07
9.500	364.07	364.08	364.08	364.09	364.09
9.750	364.10	364.10	364.11	364.11	364.12

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 100 years
Label: POND 1A (OUT)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
10.000	364.13	364.13	364.14	364.15	364.15
10.250	364.16	364.17	364.17	364.18	364.19
10.500	364.20	364.21	364.22	364.22	364.23
10.750	364.24	364.25	364.26	364.27	364.28
11.000	364.30	364.31	364.32	364.33	364.34
11.250	364.35	364.37	364.38	364.40	364.41
11.500	364.43	364.45	364.46	364.49	364.51
11.750	364.54	364.57	364.61	364.66	364.72
12.000	364.78	364.85	364.92	364.99	365.03
12.250	365.06	365.06	365.05	365.03	365.02
12.500	365.00	364.98	364.96	364.94	364.92
12.750	364.91	364.89	364.88	364.87	364.86
13.000	364.85	364.85	364.84	364.84	364.83
13.250	364.83	364.82	364.82	364.82	364.82
13.500	364.81	364.81	364.81	364.81	364.81
13.750	364.81	364.81	364.80	364.80	364.80
14.000	364.80	364.80	364.80	364.80	364.80
14.250	364.80	364.79	364.79	364.79	364.79
14.500	364.79	364.79	364.79	364.79	364.79
14.750	364.78	364.78	364.78	364.78	364.78
15.000	364.78	364.78	364.78	364.78	364.78
15.250	364.77	364.77	364.77	364.77	364.77
15.500	364.77	364.77	364.77	364.77	364.77
15.750	364.76	364.76	364.76	364.76	364.76
16.000	364.76	364.76	364.76	364.76	364.76
16.250	364.75	364.75	364.75	364.75	364.75
16.500	364.75	364.75	364.75	364.75	364.75
16.750	364.75	364.75	364.75	364.75	364.74
17.000	364.74	364.74	364.74	364.74	364.74
17.250	364.74	364.74	364.74	364.74	364.74
17.500	364.74	364.74	364.74	364.74	364.74
17.750	364.74	364.74	364.74	364.74	364.74
18.000	364.73	364.73	364.73	364.73	364.73
18.250	364.73	364.73	364.73	364.73	364.73
18.500	364.73	364.73	364.73	364.73	364.73
18.750	364.73	364.73	364.73	364.73	364.73
19.000	364.73	364.73	364.73	364.73	364.73
19.250	364.73	364.73	364.73	364.73	364.73
19.500	364.73	364.73	364.73	364.73	364.73
19.750	364.73	364.73	364.73	364.73	364.73
20.000	364.73	364.73	364.73	364.73	364.73

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 100 years
Label: POND 1A (OUT)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
20.250	364.72	364.72	364.72	364.72	364.72
20.500	364.72	364.72	364.72	364.72	364.72
20.750	364.72	364.72	364.72	364.72	364.72
21.000	364.72	364.72	364.72	364.72	364.72
21.250	364.72	364.72	364.72	364.72	364.72
21.500	364.72	364.72	364.72	364.72	364.72
21.750	364.72	364.72	364.72	364.72	364.72
22.000	364.72	364.72	364.72	364.72	364.72
22.250	364.72	364.72	364.72	364.72	364.72
22.500	364.72	364.72	364.72	364.72	364.72
22.750	364.72	364.72	364.72	364.72	364.72
23.000	364.72	364.72	364.72	364.72	364.72
23.250	364.72	364.72	364.72	364.72	364.72
23.500	364.72	364.72	364.72	364.72	364.72
23.750	364.72	364.72	364.72	364.72	364.72
24.000	364.72	364.72	364.72	364.72	364.71
24.250	364.71	364.71	364.71	364.71	364.71
24.500	364.71	364.71	364.71	364.71	364.70
24.750	364.70	364.70	364.70	364.70	364.70
25.000	364.70	364.70	364.70	364.70	364.70
25.250	364.70	364.70	364.70	364.70	364.70
25.500	364.70	364.70	364.70	364.70	364.70
25.750	364.70	364.70	364.70	364.70	364.70
26.000	364.70	364.70	364.70	364.70	364.70
26.250	364.70	364.70	364.70	364.70	364.70
26.500	364.70	364.70	364.70	364.70	364.70
26.750	364.70	364.70	364.70	364.70	364.70
27.000	364.70	364.70	364.70	364.70	364.70
27.250	364.70	364.70	364.70	364.70	364.70
27.500	364.70	364.70	364.70	364.70	364.70
27.750	364.70	364.70	364.70	364.70	364.70
28.000	364.70	364.70	364.70	364.70	364.70
28.250	364.70	364.70	364.70	364.70	364.70
28.500	364.70	364.70	364.70	364.70	364.70
28.750	364.70	364.70	364.70	364.70	364.70
29.000	364.70	364.70	364.70	364.70	364.70
29.250	364.70	364.70	364.70	364.70	364.70
29.500	364.70	364.70	364.70	364.70	364.70
29.750	364.70	364.70	364.70	364.70	364.70
30.000	364.70	364.70	364.70	364.70	364.70
30.250	364.70	364.70	364.70	364.70	364.70

Existing Hydrologic Calculations

Subsection: Time vs. Elevation | Return Event: 100 years
Label: POND 1A (OUT) | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
30.500	364.70	364.70	364.70	364.70	364.70
30.750	364.70	364.70	364.70	364.70	364.70
31.000	364.70	364.70	364.70	364.70	364.70
31.250	364.70	364.70	364.70	364.70	364.70
31.500	364.70	364.70	364.70	364.70	364.70
31.750	364.70	364.70	364.70	364.70	364.70
32.000	364.70	364.70	364.70	364.70	364.70
32.250	364.70	364.70	364.70	364.70	364.70
32.500	364.70	364.70	364.70	364.70	364.70
32.750	364.70	364.70	364.70	364.70	364.70
33.000	364.70	364.70	364.70	364.70	364.70
33.250	364.70	364.70	364.70	364.70	364.70
33.500	364.70	364.70	364.70	364.70	364.70
33.750	364.70	364.70	364.70	364.70	364.70
34.000	364.70	364.70	364.70	364.70	364.70
34.250	364.70	364.70	364.70	364.70	364.70
34.500	364.70	364.70	364.70	364.70	364.70
34.750	364.70	364.70	364.70	364.70	364.70
35.000	364.70	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Elevation | Return Event: 1 years
Label: POND 1B (OUT) | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	338.00	338.00	338.00	338.00	338.00
0.250	338.00	338.00	338.00	338.00	338.00
0.500	338.00	338.00	338.00	338.00	338.00
0.750	338.00	338.00	338.00	338.00	338.00
1.000	338.00	338.00	338.00	338.00	338.00
1.250	338.00	338.00	338.00	338.00	338.00
1.500	338.00	338.00	338.00	338.00	338.00
1.750	338.00	338.00	338.00	338.00	338.00
2.000	338.00	338.00	338.00	338.00	338.00
2.250	338.00	338.00	338.00	338.00	338.00

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 1 years
Label: POND 1B (OUT)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2.500	338.00	338.00	338.00	338.00	338.00
2.750	338.00	338.00	338.00	338.00	338.00
3.000	338.00	338.00	338.00	338.00	338.00
3.250	338.00	338.00	338.00	338.00	338.00
3.500	338.00	338.00	338.00	338.00	338.00
3.750	338.00	338.00	338.00	338.00	338.00
4.000	338.00	338.00	338.00	338.00	338.00
4.250	338.00	338.00	338.00	338.00	338.00
4.500	338.00	338.00	338.00	338.00	338.00
4.750	338.00	338.00	338.00	338.00	338.00
5.000	338.00	338.00	338.00	338.00	338.00
5.250	338.00	338.00	338.00	338.00	338.00
5.500	338.00	338.00	338.00	338.00	338.00
5.750	338.00	338.00	338.00	338.00	338.00
6.000	338.00	338.00	338.00	338.00	338.00
6.250	338.00	338.00	338.00	338.00	338.00
6.500	338.00	338.00	338.00	338.00	338.00
6.750	338.00	338.00	338.00	338.00	338.00
7.000	338.00	338.00	338.00	338.00	338.00
7.250	338.00	338.00	338.00	338.00	338.00
7.500	338.00	338.00	338.00	338.00	338.00
7.750	338.00	338.00	338.00	338.00	338.00
8.000	338.00	338.00	338.00	338.00	338.00
8.250	338.00	338.00	338.00	338.00	338.00
8.500	338.00	338.00	338.00	338.00	338.00
8.750	338.00	338.00	338.00	338.00	338.00
9.000	338.00	338.00	338.00	338.00	338.00
9.250	338.00	338.00	338.00	338.00	338.00
9.500	338.00	338.00	338.00	338.00	338.00
9.750	338.00	338.00	338.00	338.00	338.00
10.000	338.00	338.00	338.00	338.00	338.00
10.250	338.00	338.00	338.00	338.00	338.00
10.500	338.00	338.00	338.00	338.00	338.00
10.750	338.00	338.00	338.00	338.00	338.00
11.000	338.00	338.00	338.00	338.00	338.00
11.250	338.00	338.00	338.00	338.00	338.01
11.500	338.01	338.01	338.02	338.03	338.04
11.750	338.05	338.07	338.10	338.13	338.17
12.000	338.24	338.32	338.43	338.53	338.58
12.250	338.58	338.58	338.57	338.56	338.56
12.500	338.55	338.55	338.54	338.53	338.53

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 1 years
Label: POND 1B (OUT)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
12.750	338.52	338.52	338.52	338.52	338.51
13.000	338.51	338.51	338.51	338.51	338.51
13.250	338.51	338.51	338.51	338.51	338.51
13.500	338.51	338.51	338.51	338.51	338.51
13.750	338.51	338.51	338.51	338.51	338.51
14.000	338.51	338.51	338.50	338.50	338.50
14.250	338.50	338.50	338.50	338.50	338.50
14.500	338.50	338.50	338.50	338.50	338.50
14.750	338.50	338.50	338.50	338.50	338.50
15.000	338.50	338.50	338.50	338.50	338.50
15.250	338.50	338.50	338.50	338.50	338.50
15.500	338.50	338.50	338.50	338.50	338.50
15.750	338.50	338.50	338.50	338.50	338.50
16.000	338.50	338.50	338.50	338.50	338.49
16.250	338.49	338.49	338.49	338.49	338.49
16.500	338.49	338.49	338.49	338.49	338.49
16.750	338.49	338.49	338.49	338.49	338.49
17.000	338.49	338.49	338.49	338.49	338.49
17.250	338.49	338.49	338.48	338.48	338.48
17.500	338.48	338.48	338.48	338.48	338.48
17.750	338.48	338.48	338.48	338.48	338.48
18.000	338.48	338.48	338.48	338.48	338.48
18.250	338.48	338.48	338.48	338.48	338.48
18.500	338.48	338.48	338.48	338.48	338.48
18.750	338.48	338.48	338.48	338.48	338.48
19.000	338.48	338.48	338.48	338.47	338.47
19.250	338.47	338.47	338.47	338.47	338.47
19.500	338.47	338.47	338.47	338.47	338.47
19.750	338.47	338.47	338.47	338.47	338.47
20.000	338.47	338.47	338.47	338.47	338.47
20.250	338.47	338.47	338.47	338.47	338.47
20.500	338.47	338.47	338.47	338.47	338.47
20.750	338.47	338.47	338.47	338.47	338.47
21.000	338.47	338.47	338.47	338.47	338.47
21.250	338.47	338.47	338.47	338.47	338.47
21.500	338.47	338.47	338.47	338.47	338.47
21.750	338.47	338.47	338.47	338.47	338.47
22.000	338.47	338.47	338.47	338.47	338.47
22.250	338.47	338.47	338.47	338.47	338.47
22.500	338.47	338.47	338.47	338.47	338.47
22.750	338.47	338.47	338.47	338.47	338.47

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 1 years
Label: POND 1B (OUT)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
23.000	338.47	338.47	338.47	338.47	338.47
23.250	338.47	338.47	338.47	338.47	338.47
23.500	338.47	338.47	338.47	338.47	338.47
23.750	338.47	338.47	338.47	338.47	338.47
24.000	338.47	338.47	338.46	338.46	338.46
24.250	338.46	338.46	338.46	338.46	338.46
24.500	338.45	338.45	338.45	338.45	338.45
24.750	338.45	338.45	338.45	338.45	338.45
25.000	338.45	338.45	338.45	338.45	338.45
25.250	338.45	338.45	338.45	338.45	338.45
25.500	338.45	338.45	338.45	338.45	338.45
25.750	338.45	338.45	338.45	338.45	338.45
26.000	338.45	338.45	338.45	338.45	338.45
26.250	338.45	338.45	338.45	338.45	338.45
26.500	338.45	338.45	338.45	338.45	338.45
26.750	338.45	338.45	338.45	338.45	338.45
27.000	338.45	338.45	338.45	338.45	338.45
27.250	338.45	338.45	338.45	338.45	338.45
27.500	338.45	338.45	338.45	338.45	338.45
27.750	338.45	338.45	338.45	338.45	338.45
28.000	338.45	338.45	338.45	338.45	338.45
28.250	338.45	338.45	338.45	338.45	338.45
28.500	338.45	338.45	338.45	338.45	338.45
28.750	338.45	338.45	338.45	338.45	338.45
29.000	338.45	338.45	338.45	338.45	338.45
29.250	338.45	338.45	338.45	338.45	338.45
29.500	338.45	338.45	338.45	338.45	338.45
29.750	338.45	338.45	338.45	338.45	338.45
30.000	338.45	338.45	338.45	338.45	338.45
30.250	338.45	338.45	338.45	338.45	338.45
30.500	338.45	338.45	338.45	338.45	338.45
30.750	338.45	338.45	338.45	338.45	338.45
31.000	338.45	338.45	338.45	338.45	338.45
31.250	338.45	338.45	338.45	338.45	338.45
31.500	338.45	338.45	338.45	338.45	338.45
31.750	338.45	338.45	338.45	338.45	338.45
32.000	338.45	338.45	338.45	338.45	338.45
32.250	338.45	338.45	338.45	338.45	338.45
32.500	338.45	338.45	338.45	338.45	338.45
32.750	338.45	338.45	338.45	338.45	338.45
33.000	338.45	338.45	338.45	338.45	338.45

Existing Hydrologic Calculations

Subsection: Time vs. Elevation — Return Event: 1 years
Label: POND 1B (OUT) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
33.250	338.45	338.45	338.45	338.45	338.45
33.500	338.45	338.45	338.45	338.45	338.45
33.750	338.45	338.45	338.45	338.45	338.45
34.000	338.45	338.45	338.45	338.45	338.45
34.250	338.45	338.45	338.45	338.45	338.45
34.500	338.45	338.45	338.45	338.45	338.45
34.750	338.45	338.45	338.45	338.45	338.45
35.000	338.45	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Elevation — Return Event: 10 years
Label: POND 1B (OUT) — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	338.00	338.00	338.00	338.00	338.00
0.250	338.00	338.00	338.00	338.00	338.00
0.500	338.00	338.00	338.00	338.00	338.00
0.750	338.00	338.00	338.00	338.00	338.00
1.000	338.00	338.00	338.00	338.00	338.00
1.250	338.00	338.00	338.00	338.00	338.00
1.500	338.00	338.00	338.00	338.00	338.00
1.750	338.00	338.00	338.00	338.00	338.00
2.000	338.00	338.00	338.00	338.00	338.00
2.250	338.00	338.00	338.00	338.00	338.00
2.500	338.00	338.00	338.00	338.00	338.00
2.750	338.00	338.00	338.00	338.00	338.00
3.000	338.00	338.00	338.00	338.00	338.00
3.250	338.00	338.00	338.00	338.00	338.00
3.500	338.00	338.00	338.00	338.00	338.00
3.750	338.00	338.00	338.00	338.00	338.00
4.000	338.00	338.00	338.00	338.00	338.00
4.250	338.00	338.00	338.00	338.00	338.00
4.500	338.00	338.00	338.00	338.00	338.00
4.750	338.00	338.00	338.00	338.00	338.00
5.000	338.00	338.00	338.00	338.00	338.00

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: POND 1B (OUT)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
5.250	338.00	338.00	338.00	338.00	338.00
5.500	338.00	338.00	338.00	338.00	338.00
5.750	338.00	338.00	338.00	338.00	338.00
6.000	338.00	338.00	338.00	338.00	338.00
6.250	338.00	338.00	338.00	338.00	338.00
6.500	338.00	338.00	338.00	338.00	338.00
6.750	338.00	338.00	338.00	338.00	338.00
7.000	338.00	338.00	338.00	338.00	338.00
7.250	338.00	338.00	338.00	338.00	338.00
7.500	338.00	338.00	338.00	338.00	338.00
7.750	338.00	338.00	338.00	338.00	338.00
8.000	338.00	338.00	338.00	338.00	338.00
8.250	338.00	338.00	338.00	338.00	338.00
8.500	338.00	338.00	338.00	338.00	338.00
8.750	338.00	338.00	338.00	338.00	338.00
9.000	338.00	338.00	338.00	338.00	338.01
9.250	338.01	338.01	338.01	338.01	338.02
9.500	338.02	338.03	338.03	338.03	338.04
9.750	338.05	338.05	338.06	338.06	338.07
10.000	338.08	338.09	338.10	338.11	338.11
10.250	338.12	338.14	338.15	338.16	338.17
10.500	338.18	338.20	338.21	338.23	338.24
10.750	338.26	338.27	338.29	338.31	338.33
11.000	338.35	338.36	338.39	338.41	338.43
11.250	338.45	338.48	338.50	338.51	338.52
11.500	338.52	338.52	338.53	338.53	338.54
11.750	338.55	338.57	338.58	338.60	338.61
12.000	338.64	338.68	338.74	338.83	338.89
12.250	338.92	338.91	338.86	338.79	338.71
12.500	338.64	338.62	338.62	338.61	338.61
12.750	338.61	338.60	338.60	338.60	338.60
13.000	338.60	338.59	338.59	338.59	338.59
13.250	338.59	338.58	338.58	338.58	338.58
13.500	338.58	338.58	338.58	338.57	338.57
13.750	338.57	338.57	338.57	338.57	338.57
14.000	338.57	338.57	338.56	338.56	338.56
14.250	338.56	338.56	338.56	338.56	338.56
14.500	338.56	338.56	338.56	338.56	338.56
14.750	338.55	338.55	338.55	338.55	338.55
15.000	338.55	338.55	338.55	338.55	338.55
15.250	338.55	338.55	338.55	338.55	338.55

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: POND 1B (OUT)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
15.500	338.54	338.54	338.54	338.54	338.54
15.750	338.54	338.54	338.54	338.54	338.54
16.000	338.54	338.54	338.53	338.53	338.53
16.250	338.53	338.53	338.53	338.53	338.53
16.500	338.53	338.53	338.53	338.53	338.53
16.750	338.53	338.53	338.53	338.53	338.53
17.000	338.53	338.53	338.53	338.52	338.52
17.250	338.52	338.52	338.52	338.52	338.52
17.500	338.52	338.52	338.52	338.52	338.52
17.750	338.52	338.52	338.52	338.52	338.52
18.000	338.52	338.52	338.52	338.52	338.52
18.250	338.52	338.52	338.52	338.52	338.52
18.500	338.52	338.52	338.52	338.52	338.52
18.750	338.51	338.51	338.51	338.51	338.51
19.000	338.51	338.51	338.51	338.51	338.51
19.250	338.51	338.51	338.51	338.51	338.51
19.500	338.51	338.51	338.51	338.51	338.51
19.750	338.51	338.51	338.51	338.51	338.51
20.000	338.51	338.51	338.51	338.51	338.51
20.250	338.51	338.51	338.51	338.51	338.51
20.500	338.51	338.51	338.51	338.51	338.51
20.750	338.51	338.51	338.51	338.51	338.51
21.000	338.51	338.51	338.51	338.51	338.51
21.250	338.51	338.51	338.51	338.51	338.51
21.500	338.51	338.51	338.51	338.51	338.51
21.750	338.51	338.51	338.51	338.51	338.51
22.000	338.51	338.51	338.51	338.51	338.51
22.250	338.51	338.51	338.51	338.51	338.51
22.500	338.51	338.51	338.51	338.51	338.51
22.750	338.51	338.51	338.51	338.51	338.51
23.000	338.51	338.51	338.51	338.51	338.51
23.250	338.51	338.51	338.51	338.51	338.51
23.500	338.51	338.51	338.51	338.51	338.51
23.750	338.51	338.51	338.51	338.51	338.51
24.000	338.50	338.50	338.50	338.50	338.50
24.250	338.50	338.50	338.49	338.49	338.49
24.500	338.48	338.48	338.48	338.48	338.47
24.750	338.47	338.47	338.47	338.47	338.46
25.000	338.46	338.46	338.46	338.46	338.46
25.250	338.46	338.46	338.46	338.45	338.45
25.500	338.45	338.45	338.45	338.45	338.45

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: POND 1B (OUT)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
25.750	338.45	338.45	338.45	338.45	338.45
26.000	338.45	338.45	338.45	338.45	338.45
26.250	338.45	338.45	338.45	338.45	338.45
26.500	338.45	338.45	338.45	338.45	338.45
26.750	338.45	338.45	338.45	338.45	338.45
27.000	338.45	338.45	338.45	338.45	338.45
27.250	338.45	338.45	338.45	338.45	338.45
27.500	338.45	338.45	338.45	338.45	338.45
27.750	338.45	338.45	338.45	338.45	338.45
28.000	338.45	338.45	338.45	338.45	338.45
28.250	338.45	338.45	338.45	338.45	338.45
28.500	338.45	338.45	338.45	338.45	338.45
28.750	338.45	338.45	338.45	338.45	338.45
29.000	338.45	338.45	338.45	338.45	338.45
29.250	338.45	338.45	338.45	338.45	338.45
29.500	338.45	338.45	338.45	338.45	338.45
29.750	338.45	338.45	338.45	338.45	338.45
30.000	338.45	338.45	338.45	338.45	338.45
30.250	338.45	338.45	338.45	338.45	338.45
30.500	338.45	338.45	338.45	338.45	338.45
30.750	338.45	338.45	338.45	338.45	338.45
31.000	338.45	338.45	338.45	338.45	338.45
31.250	338.45	338.45	338.45	338.45	338.45
31.500	338.45	338.45	338.45	338.45	338.45
31.750	338.45	338.45	338.45	338.45	338.45
32.000	338.45	338.45	338.45	338.45	338.45
32.250	338.45	338.45	338.45	338.45	338.45
32.500	338.45	338.45	338.45	338.45	338.45
32.750	338.45	338.45	338.45	338.45	338.45
33.000	338.45	338.45	338.45	338.45	338.45
33.250	338.45	338.45	338.45	338.45	338.45
33.500	338.45	338.45	338.45	338.45	338.45
33.750	338.45	338.45	338.45	338.45	338.45
34.000	338.45	338.45	338.45	338.45	338.45
34.250	338.45	338.45	338.45	338.45	338.45
34.500	338.45	338.45	338.45	338.45	338.45
34.750	338.45	338.45	338.45	338.45	338.45
35.000	338.45	(N/A)	(N/A)	(N/A)	(N/A)

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 100 years
Label: POND 1B (OUT)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	338.00	338.00	338.00	338.00	338.00
0.250	338.00	338.00	338.00	338.00	338.00
0.500	338.00	338.00	338.00	338.00	338.00
0.750	338.00	338.00	338.00	338.00	338.00
1.000	338.00	338.00	338.00	338.00	338.00
1.250	338.00	338.00	338.00	338.00	338.00
1.500	338.00	338.00	338.00	338.00	338.00
1.750	338.00	338.00	338.00	338.00	338.00
2.000	338.00	338.00	338.00	338.00	338.00
2.250	338.00	338.00	338.00	338.00	338.00
2.500	338.00	338.00	338.00	338.00	338.00
2.750	338.00	338.00	338.00	338.00	338.00
3.000	338.00	338.00	338.00	338.00	338.00
3.250	338.00	338.00	338.00	338.00	338.00
3.500	338.00	338.00	338.00	338.00	338.00
3.750	338.00	338.00	338.00	338.00	338.00
4.000	338.00	338.00	338.00	338.00	338.00
4.250	338.00	338.00	338.00	338.00	338.00
4.500	338.00	338.00	338.00	338.00	338.00
4.750	338.00	338.00	338.00	338.00	338.00
5.000	338.00	338.00	338.00	338.00	338.00
5.250	338.00	338.00	338.00	338.00	338.00
5.500	338.00	338.00	338.00	338.00	338.00
5.750	338.00	338.00	338.00	338.00	338.00
6.000	338.00	338.00	338.00	338.00	338.00
6.250	338.00	338.00	338.00	338.00	338.00
6.500	338.00	338.00	338.00	338.00	338.01
6.750	338.01	338.01	338.01	338.01	338.02
7.000	338.02	338.02	338.03	338.03	338.03
7.250	338.04	338.04	338.05	338.05	338.06
7.500	338.07	338.07	338.08	338.09	338.09
7.750	338.10	338.11	338.12	338.13	338.14
8.000	338.15	338.16	338.17	338.18	338.19
8.250	338.20	338.21	338.22	338.24	338.25
8.500	338.26	338.28	338.29	338.31	338.32
8.750	338.34	338.36	338.37	338.39	338.41
9.000	338.43	338.45	338.46	338.48	338.49
9.250	338.50	338.51	338.51	338.51	338.51
9.500	338.51	338.51	338.52	338.52	338.52
9.750	338.52	338.52	338.52	338.52	338.52

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 100 years
Label: POND 1B (OUT)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
10.000	338.52	338.52	338.52	338.52	338.53
10.250	338.53	338.53	338.53	338.53	338.53
10.500	338.53	338.54	338.54	338.54	338.54
10.750	338.54	338.54	338.55	338.55	338.55
11.000	338.55	338.55	338.55	338.56	338.56
11.250	338.56	338.56	338.57	338.57	338.58
11.500	338.58	338.58	338.59	338.60	338.62
11.750	338.64	338.67	338.70	338.76	338.88
12.000	339.09	339.43	339.85	340.30	340.75
12.250	341.13	341.45	341.69	341.88	342.02
12.500	342.10	342.12	342.11	342.08	342.05
12.750	342.00	341.95	341.89	341.82	341.74
13.000	341.65	341.56	341.47	341.36	341.26
13.250	341.15	341.03	340.91	340.79	340.67
13.500	340.54	340.41	340.28	340.15	340.02
13.750	339.88	339.75	339.61	339.46	339.32
14.000	339.18	339.03	338.90	338.76	338.66
14.250	338.62	338.62	338.61	338.61	338.61
14.500	338.61	338.61	338.61	338.61	338.61
14.750	338.61	338.60	338.60	338.60	338.60
15.000	338.60	338.60	338.60	338.60	338.60
15.250	338.60	338.59	338.59	338.59	338.59
15.500	338.59	338.59	338.59	338.59	338.58
15.750	338.58	338.58	338.58	338.58	338.58
16.000	338.58	338.58	338.57	338.57	338.57
16.250	338.57	338.57	338.57	338.57	338.57
16.500	338.57	338.57	338.57	338.57	338.56
16.750	338.56	338.56	338.56	338.56	338.56
17.000	338.56	338.56	338.56	338.56	338.56
17.250	338.56	338.56	338.56	338.56	338.56
17.500	338.56	338.55	338.55	338.55	338.55
17.750	338.55	338.55	338.55	338.55	338.55
18.000	338.55	338.55	338.55	338.55	338.55
18.250	338.55	338.55	338.55	338.54	338.54
18.500	338.54	338.54	338.54	338.54	338.54
18.750	338.54	338.54	338.54	338.54	338.54
19.000	338.54	338.54	338.54	338.54	338.54
19.250	338.54	338.54	338.54	338.54	338.54
19.500	338.54	338.54	338.54	338.54	338.54
19.750	338.54	338.54	338.54	338.54	338.54
20.000	338.54	338.54	338.54	338.53	338.53

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 100 years
Label: POND 1B (OUT)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
20.250	338.53	338.53	338.53	338.53	338.53
20.500	338.53	338.53	338.53	338.53	338.53
20.750	338.53	338.53	338.53	338.53	338.53
21.000	338.53	338.53	338.53	338.53	338.53
21.250	338.53	338.53	338.53	338.53	338.53
21.500	338.53	338.53	338.53	338.53	338.53
21.750	338.53	338.53	338.53	338.53	338.53
22.000	338.53	338.53	338.53	338.53	338.53
22.250	338.53	338.53	338.53	338.53	338.53
22.500	338.53	338.53	338.53	338.53	338.53
22.750	338.53	338.52	338.52	338.52	338.52
23.000	338.52	338.52	338.52	338.52	338.52
23.250	338.52	338.52	338.52	338.52	338.52
23.500	338.52	338.52	338.52	338.52	338.52
23.750	338.52	338.52	338.52	338.52	338.52
24.000	338.52	338.52	338.52	338.52	338.51
24.250	338.51	338.51	338.50	338.50	338.50
24.500	338.50	338.50	338.49	338.49	338.49
24.750	338.49	338.48	338.48	338.48	338.48
25.000	338.47	338.47	338.47	338.47	338.46
25.250	338.46	338.46	338.46	338.46	338.46
25.500	338.46	338.46	338.46	338.46	338.45
25.750	338.45	338.45	338.45	338.45	338.45
26.000	338.45	338.45	338.45	338.45	338.45
26.250	338.45	338.45	338.45	338.45	338.45
26.500	338.45	338.45	338.45	338.45	338.45
26.750	338.45	338.45	338.45	338.45	338.45
27.000	338.45	338.45	338.45	338.45	338.45
27.250	338.45	338.45	338.45	338.45	338.45
27.500	338.45	338.45	338.45	338.45	338.45
27.750	338.45	338.45	338.45	338.45	338.45
28.000	338.45	338.45	338.45	338.45	338.45
28.250	338.45	338.45	338.45	338.45	338.45
28.500	338.45	338.45	338.45	338.45	338.45
28.750	338.45	338.45	338.45	338.45	338.45
29.000	338.45	338.45	338.45	338.45	338.45
29.250	338.45	338.45	338.45	338.45	338.45
29.500	338.45	338.45	338.45	338.45	338.45
29.750	338.45	338.45	338.45	338.45	338.45
30.000	338.45	338.45	338.45	338.45	338.45
30.250	338.45	338.45	338.45	338.45	338.45

Existing Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 100 years
Label: POND 1B (OUT)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
30.500	338.45	338.45	338.45	338.45	338.45
30.750	338.45	338.45	338.45	338.45	338.45
31.000	338.45	338.45	338.45	338.45	338.45
31.250	338.45	338.45	338.45	338.45	338.45
31.500	338.45	338.45	338.45	338.45	338.45
31.750	338.45	338.45	338.45	338.45	338.45
32.000	338.45	338.45	338.45	338.45	338.45
32.250	338.45	338.45	338.45	338.45	338.45
32.500	338.45	338.45	338.45	338.45	338.45
32.750	338.45	338.45	338.45	338.45	338.45
33.000	338.45	338.45	338.45	338.45	338.45
33.250	338.45	338.45	338.45	338.45	338.45
33.500	338.45	338.45	338.45	338.45	338.45
33.750	338.45	338.45	338.45	338.45	338.45
34.000	338.45	338.45	338.45	338.45	338.45
34.250	338.45	338.45	338.45	338.45	338.45
34.500	338.45	338.45	338.45	338.45	338.45
34.750	338.45	338.45	338.45	338.45	338.45
35.000	338.45	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Volume
Return Event: 1 years
Label: POND 1A
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
2.000	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 1 years
Label: POND 1A
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2.500	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000
5.250	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	0.000
6.500	0.000	0.000	0.000	0.000	0.000
6.750	0.000	0.000	0.000	0.000	0.000
7.000	0.000	0.000	0.000	0.000	0.000
7.250	0.000	0.000	0.000	0.000	0.000
7.500	0.000	0.000	0.000	0.000	0.000
7.750	0.000	0.000	0.000	0.000	0.000
8.000	0.000	0.000	0.000	0.000	0.000
8.250	0.000	0.000	0.000	0.000	0.000
8.500	0.000	0.000	0.000	0.000	0.000
8.750	0.000	0.000	0.000	0.000	0.000
9.000	0.000	0.000	0.000	0.000	0.000
9.250	0.000	0.000	0.000	0.000	0.000
9.500	0.000	0.000	0.000	0.000	0.000
9.750	0.000	0.000	0.000	0.000	0.000
10.000	0.000	0.000	0.000	0.000	0.000
10.250	0.000	0.000	0.000	0.000	0.000
10.500	0.000	0.000	0.000	0.000	0.000
10.750	0.000	0.000	0.000	0.000	0.000
11.000	0.000	0.000	0.000	0.000	0.000
11.250	0.000	0.000	0.000	0.000	0.000
11.500	0.000	0.000	0.000	0.000	0.000
11.750	0.000	3.000	9.000	20.000	42.000
12.000	81.000	147.000	251.000	395.000	571.000
12.250	759.000	933.000	1,091.000	1,239.000	1,377.000
12.500	1,503.000	1,616.000	1,715.000	1,797.000	1,865.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 1 years
Label: POND 1A
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
12.750	1,925.000	1,980.000	2,031.000	2,080.000	2,126.000
13.000	2,170.000	2,212.000	2,253.000	2,292.000	2,329.000
13.250	2,366.000	2,402.000	2,438.000	2,473.000	2,508.000
13.500	2,542.000	2,576.000	2,610.000	2,643.000	2,676.000
13.750	2,709.000	2,741.000	2,772.000	2,804.000	2,832.000
14.000	2,860.000	2,886.000	2,913.000	2,939.000	2,965.000
14.250	2,990.000	3,015.000	3,040.000	3,065.000	3,090.000
14.500	3,114.000	3,138.000	3,162.000	3,186.000	3,210.000
14.750	3,233.000	3,257.000	3,280.000	3,303.000	3,325.000
15.000	3,348.000	3,370.000	3,392.000	3,413.000	3,435.000
15.250	3,456.000	3,477.000	3,498.000	3,518.000	3,539.000
15.500	3,559.000	3,578.000	3,598.000	3,617.000	3,636.000
15.750	3,655.000	3,673.000	3,691.000	3,709.000	3,726.000
16.000	3,743.000	3,760.000	3,777.000	3,793.000	3,810.000
16.250	3,826.000	3,841.000	3,857.000	3,873.000	3,888.000
16.500	3,903.000	3,918.000	3,933.000	3,948.000	3,963.000
16.750	3,977.000	3,991.000	4,004.000	4,017.000	4,029.000
17.000	4,042.000	4,055.000	4,067.000	4,080.000	4,092.000
17.250	4,104.000	4,116.000	4,128.000	4,140.000	4,151.000
17.500	4,163.000	4,174.000	4,185.000	4,197.000	4,208.000
17.750	4,219.000	4,229.000	4,240.000	4,250.000	4,261.000
18.000	4,271.000	4,281.000	4,291.000	4,301.000	4,311.000
18.250	4,320.000	4,330.000	4,340.000	4,349.000	4,359.000
18.500	4,368.000	4,378.000	4,387.000	4,396.000	4,406.000
18.750	4,415.000	4,424.000	4,434.000	4,443.000	4,452.000
19.000	4,461.000	4,470.000	4,479.000	4,488.000	4,497.000
19.250	4,506.000	4,515.000	4,524.000	4,533.000	4,542.000
19.500	4,551.000	4,560.000	4,568.000	4,577.000	4,586.000
19.750	4,594.000	4,603.000	4,612.000	4,620.000	4,629.000
20.000	4,637.000	4,645.000	4,654.000	4,662.000	4,671.000
20.250	4,679.000	4,687.000	4,695.000	4,704.000	4,712.000
20.500	4,720.000	4,728.000	4,736.000	4,744.000	4,752.000
20.750	4,760.000	4,768.000	4,776.000	4,784.000	4,792.000
21.000	4,800.000	4,808.000	4,816.000	4,823.000	4,831.000
21.250	4,839.000	4,847.000	4,854.000	4,862.000	4,870.000
21.500	4,877.000	4,885.000	4,892.000	4,900.000	4,907.000
21.750	4,915.000	4,922.000	4,929.000	4,937.000	4,944.000
22.000	4,951.000	4,959.000	4,966.000	4,973.000	4,980.000
22.250	4,988.000	4,995.000	5,002.000	5,009.000	5,016.000
22.500	5,023.000	5,030.000	5,037.000	5,044.000	5,051.000
22.750	5,057.000	5,064.000	5,071.000	5,078.000	5,084.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 1 years
Label: POND 1A
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
23.000	5,091.000	5,098.000	5,104.000	5,111.000	5,118.000
23.250	5,124.000	5,131.000	5,137.000	5,143.000	5,150.000
23.500	5,156.000	5,163.000	5,169.000	5,175.000	5,181.000
23.750	5,188.000	5,194.000	5,200.000	5,206.000	5,212.000
24.000	5,218.000	5,224.000	5,229.000	5,233.000	5,236.000
24.250	5,238.000	5,239.000	5,240.000	5,240.000	5,240.000
24.500	5,240.000	5,241.000	5,241.000	5,241.000	5,241.000
24.750	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
25.000	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
25.250	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
25.500	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
25.750	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
26.000	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
26.250	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
26.500	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
26.750	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
27.000	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
27.250	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
27.500	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
27.750	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
28.000	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
28.250	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
28.500	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
28.750	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
29.000	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
29.250	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
29.500	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
29.750	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
30.000	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
30.250	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
30.500	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
30.750	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
31.000	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
31.250	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
31.500	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
31.750	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
32.000	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
32.250	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
32.500	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
32.750	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
33.000	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 1 years
Label: POND 1A
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
33.250	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
33.500	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
33.750	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
34.000	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
34.250	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
34.500	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
34.750	5,241.000	5,241.000	5,241.000	5,241.000	5,241.000
35.000	5,241.000	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Volume
Return Event: 10 years
Label: POND 1A
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
2.000	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 10 years
Label: POND 1A
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
5.250	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	0.000
6.500	0.000	0.000	0.000	0.000	0.000
6.750	0.000	0.000	0.000	0.000	0.000
7.000	0.000	0.000	0.000	0.000	0.000
7.250	0.000	0.000	0.000	0.000	0.000
7.500	0.000	0.000	0.000	0.000	0.000
7.750	0.000	0.000	0.000	0.000	0.000
8.000	0.000	0.000	0.000	0.000	0.000
8.250	0.000	0.000	0.000	0.000	0.000
8.500	0.000	0.000	0.000	0.000	0.000
8.750	0.000	0.000	0.000	0.000	0.000
9.000	0.000	0.000	0.000	0.000	0.000
9.250	0.000	0.000	0.000	0.000	0.000
9.500	0.000	0.000	0.000	0.000	0.000
9.750	0.000	0.000	0.000	0.000	1.000
10.000	2.000	4.000	6.000	9.000	13.000
10.250	17.000	22.000	27.000	34.000	41.000
10.500	49.000	59.000	69.000	80.000	92.000
10.750	106.000	121.000	136.000	154.000	172.000
11.000	192.000	213.000	237.000	261.000	289.000
11.250	318.000	351.000	387.000	427.000	470.000
11.500	518.000	572.000	632.000	704.000	793.000
11.750	899.000	1,029.000	1,195.000	1,407.000	1,681.000
12.000	2,025.000	2,496.000	3,112.000	3,858.000	4,651.000
12.250	5,447.000	6,162.000	6,813.000	7,371.000	7,881.000
12.500	8,328.000	8,673.000	8,924.000	9,099.000	9,215.000
12.750	9,290.000	9,336.000	9,363.000	9,375.000	9,378.000
13.000	9,372.000	9,360.000	9,343.000	9,323.000	9,301.000
13.250	9,278.000	9,255.000	9,232.000	9,211.000	9,190.000
13.500	9,170.000	9,151.000	9,132.000	9,114.000	9,097.000
13.750	9,080.000	9,064.000	9,048.000	9,032.000	9,016.000
14.000	9,001.000	8,986.000	8,971.000	8,957.000	8,943.000
14.250	8,929.000	8,916.000	8,904.000	8,892.000	8,881.000
14.500	8,871.000	8,861.000	8,851.000	8,842.000	8,833.000
14.750	8,824.000	8,816.000	8,808.000	8,800.000	8,792.000
15.000	8,784.000	8,776.000	8,769.000	8,761.000	8,754.000
15.250	8,747.000	8,739.000	8,732.000	8,725.000	8,718.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 10 years
Label: POND 1A
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
15.500	8,711.000	8,704.000	8,696.000	8,689.000	8,682.000
15.750	8,675.000	8,668.000	8,661.000	8,654.000	8,646.000
16.000	8,639.000	8,632.000	8,625.000	8,618.000	8,611.000
16.250	8,604.000	8,598.000	8,592.000	8,586.000	8,581.000
16.500	8,576.000	8,571.000	8,566.000	8,562.000	8,557.000
16.750	8,553.000	8,549.000	8,545.000	8,541.000	8,537.000
17.000	8,534.000	8,530.000	8,526.000	8,523.000	8,519.000
17.250	8,516.000	8,513.000	8,509.000	8,506.000	8,502.000
17.500	8,499.000	8,496.000	8,492.000	8,489.000	8,486.000
17.750	8,483.000	8,479.000	8,476.000	8,473.000	8,469.000
18.000	8,466.000	8,463.000	8,460.000	8,456.000	8,453.000
18.250	8,450.000	8,448.000	8,445.000	8,443.000	8,440.000
18.500	8,438.000	8,436.000	8,435.000	8,433.000	8,431.000
18.750	8,430.000	8,428.000	8,427.000	8,425.000	8,424.000
19.000	8,423.000	8,422.000	8,420.000	8,419.000	8,418.000
19.250	8,417.000	8,416.000	8,415.000	8,414.000	8,413.000
19.500	8,412.000	8,411.000	8,410.000	8,409.000	8,408.000
19.750	8,407.000	8,406.000	8,405.000	8,404.000	8,403.000
20.000	8,402.000	8,401.000	8,400.000	8,399.000	8,398.000
20.250	8,397.000	8,396.000	8,395.000	8,394.000	8,393.000
20.500	8,392.000	8,392.000	8,391.000	8,390.000	8,389.000
20.750	8,388.000	8,388.000	8,387.000	8,386.000	8,385.000
21.000	8,384.000	8,384.000	8,383.000	8,382.000	8,382.000
21.250	8,381.000	8,380.000	8,379.000	8,379.000	8,378.000
21.500	8,377.000	8,376.000	8,376.000	8,375.000	8,374.000
21.750	8,373.000	8,373.000	8,372.000	8,371.000	8,370.000
22.000	8,370.000	8,369.000	8,368.000	8,367.000	8,367.000
22.250	8,366.000	8,365.000	8,365.000	8,364.000	8,363.000
22.500	8,362.000	8,361.000	8,361.000	8,360.000	8,359.000
22.750	8,359.000	8,358.000	8,357.000	8,356.000	8,356.000
23.000	8,355.000	8,354.000	8,353.000	8,353.000	8,352.000
23.250	8,351.000	8,350.000	8,350.000	8,349.000	8,348.000
23.500	8,347.000	8,347.000	8,346.000	8,345.000	8,344.000
23.750	8,344.000	8,343.000	8,342.000	8,341.000	8,341.000
24.000	8,340.000	8,339.000	8,336.000	8,332.000	8,324.000
24.250	8,315.000	8,306.000	8,296.000	8,287.000	8,278.000
24.500	8,271.000	8,264.000	8,258.000	8,252.000	8,248.000
24.750	8,243.000	8,240.000	8,236.000	8,234.000	8,231.000
25.000	8,229.000	8,227.000	8,225.000	8,224.000	8,222.000
25.250	8,221.000	8,220.000	8,219.000	8,218.000	8,218.000
25.500	8,217.000	8,217.000	8,216.000	8,216.000	8,215.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 10 years
Label: POND 1A
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
25.750	8,215.000	8,215.000	8,214.000	8,214.000	8,213.000
26.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
26.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
26.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
26.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
27.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
27.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
27.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
27.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
28.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
28.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
28.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
28.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
29.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
29.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
29.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
29.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
30.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
30.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
30.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
30.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
31.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
31.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
31.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
31.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
32.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
32.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
32.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
32.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
33.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
33.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
33.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
33.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
34.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
34.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
34.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
34.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
35.000	8,213.000	(N/A)	(N/A)	(N/A)	(N/A)

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 100 years
Label: POND 1A
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
2.000	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000
5.250	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	0.000
6.500	0.000	0.000	0.000	0.000	0.000
6.750	0.000	0.000	0.000	0.000	0.000
7.000	0.000	0.000	0.000	0.000	0.000
7.250	0.000	0.000	0.000	0.000	0.000
7.500	0.000	1.000	2.000	4.000	6.000
7.750	8.000	11.000	14.000	18.000	23.000
8.000	28.000	33.000	39.000	46.000	53.000
8.250	61.000	70.000	79.000	90.000	101.000
8.500	113.000	126.000	139.000	154.000	170.000
8.750	187.000	205.000	224.000	245.000	267.000
9.000	289.000	314.000	339.000	366.000	395.000
9.250	425.000	457.000	490.000	525.000	562.000
9.500	600.000	641.000	683.000	728.000	774.000
9.750	823.000	869.000	916.000	965.000	1,016.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 100 years
Label: POND 1A
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
10.000	1,070.000	1,125.000	1,184.000	1,244.000	1,308.000
10.250	1,374.000	1,444.000	1,518.000	1,595.000	1,676.000
10.500	1,762.000	1,843.000	1,927.000	2,016.000	2,109.000
10.750	2,206.000	2,308.000	2,415.000	2,527.000	2,645.000
11.000	2,768.000	2,889.000	3,011.000	3,140.000	3,277.000
11.250	3,425.000	3,584.000	3,757.000	3,944.000	4,130.000
11.500	4,329.000	4,545.000	4,787.000	5,070.000	5,399.000
11.750	5,789.000	6,282.000	6,882.000	7,590.000	8,457.000
12.000	9,455.000	10,583.000	11,761.000	12,825.000	13,589.000
12.250	13,964.000	14,010.000	13,851.000	13,598.000	13,315.000
12.500	13,023.000	12,717.000	12,397.000	12,084.000	11,796.000
12.750	11,547.000	11,334.000	11,146.000	10,979.000	10,831.000
13.000	10,702.000	10,588.000	10,488.000	10,399.000	10,322.000
13.250	10,255.000	10,199.000	10,150.000	10,110.000	10,074.000
13.500	10,044.000	10,017.000	9,993.000	9,971.000	9,951.000
13.750	9,932.000	9,913.000	9,896.000	9,879.000	9,863.000
14.000	9,847.000	9,831.000	9,814.000	9,797.000	9,778.000
14.250	9,759.000	9,740.000	9,721.000	9,702.000	9,683.000
14.500	9,665.000	9,647.000	9,629.000	9,612.000	9,594.000
14.750	9,577.000	9,560.000	9,543.000	9,527.000	9,510.000
15.000	9,493.000	9,477.000	9,460.000	9,444.000	9,428.000
15.250	9,411.000	9,395.000	9,379.000	9,362.000	9,346.000
15.500	9,330.000	9,313.000	9,297.000	9,281.000	9,265.000
15.750	9,248.000	9,232.000	9,216.000	9,199.000	9,183.000
16.000	9,166.000	9,150.000	9,134.000	9,118.000	9,102.000
16.250	9,087.000	9,073.000	9,059.000	9,046.000	9,033.000
16.500	9,022.000	9,010.000	9,000.000	8,989.000	8,979.000
16.750	8,970.000	8,960.000	8,951.000	8,942.000	8,934.000
17.000	8,925.000	8,917.000	8,909.000	8,901.000	8,893.000
17.250	8,885.000	8,877.000	8,869.000	8,862.000	8,854.000
17.500	8,847.000	8,839.000	8,831.000	8,824.000	8,817.000
17.750	8,809.000	8,802.000	8,794.000	8,787.000	8,780.000
18.000	8,772.000	8,765.000	8,758.000	8,750.000	8,743.000
18.250	8,737.000	8,731.000	8,725.000	8,719.000	8,714.000
18.500	8,710.000	8,705.000	8,701.000	8,697.000	8,693.000
18.750	8,690.000	8,686.000	8,683.000	8,680.000	8,677.000
19.000	8,674.000	8,672.000	8,669.000	8,666.000	8,664.000
19.250	8,661.000	8,659.000	8,656.000	8,654.000	8,651.000
19.500	8,649.000	8,647.000	8,644.000	8,642.000	8,640.000
19.750	8,637.000	8,635.000	8,633.000	8,631.000	8,628.000
20.000	8,626.000	8,624.000	8,622.000	8,620.000	8,617.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 100 years
Label: POND 1A
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
20.250	8,615.000	8,613.000	8,611.000	8,609.000	8,607.000
20.500	8,605.000	8,604.000	8,602.000	8,600.000	8,598.000
20.750	8,596.000	8,594.000	8,593.000	8,591.000	8,589.000
21.000	8,587.000	8,586.000	8,584.000	8,582.000	8,581.000
21.250	8,579.000	8,577.000	8,576.000	8,574.000	8,573.000
21.500	8,571.000	8,569.000	8,567.000	8,566.000	8,564.000
21.750	8,562.000	8,561.000	8,559.000	8,558.000	8,556.000
22.000	8,554.000	8,553.000	8,551.000	8,549.000	8,548.000
22.250	8,546.000	8,544.000	8,543.000	8,541.000	8,539.000
22.500	8,538.000	8,536.000	8,534.000	8,533.000	8,531.000
22.750	8,530.000	8,528.000	8,526.000	8,525.000	8,523.000
23.000	8,521.000	8,520.000	8,518.000	8,516.000	8,515.000
23.250	8,513.000	8,511.000	8,509.000	8,508.000	8,506.000
23.500	8,505.000	8,503.000	8,501.000	8,500.000	8,498.000
23.750	8,496.000	8,495.000	8,493.000	8,491.000	8,490.000
24.000	8,488.000	8,485.000	8,480.000	8,470.000	8,454.000
24.250	8,435.000	8,414.000	8,393.000	8,373.000	8,355.000
24.500	8,339.000	8,324.000	8,311.000	8,299.000	8,289.000
24.750	8,279.000	8,271.000	8,264.000	8,258.000	8,253.000
25.000	8,248.000	8,244.000	8,240.000	8,237.000	8,234.000
25.250	8,231.000	8,229.000	8,227.000	8,225.000	8,224.000
25.500	8,222.000	8,221.000	8,220.000	8,219.000	8,218.000
25.750	8,218.000	8,217.000	8,217.000	8,216.000	8,216.000
26.000	8,215.000	8,215.000	8,215.000	8,214.000	8,214.000
26.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
26.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
26.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
27.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
27.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
27.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
27.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
28.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
28.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
28.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
28.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
29.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
29.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
29.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
29.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
30.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
30.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 100 years
Label: POND 1A
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
30.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
30.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
31.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
31.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
31.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
31.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
32.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
32.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
32.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
32.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
33.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
33.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
33.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
33.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
34.000	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
34.250	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
34.500	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
34.750	8,213.000	8,213.000	8,213.000	8,213.000	8,213.000
35.000	8,213.000	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Volume
Return Event: 1 years
Label: POND 1B
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
2.000	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 1 years
Label: POND 1B
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2.500	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000
5.250	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	0.000
6.500	0.000	0.000	0.000	0.000	0.000
6.750	0.000	0.000	0.000	0.000	0.000
7.000	0.000	0.000	0.000	0.000	0.000
7.250	0.000	0.000	0.000	0.000	0.000
7.500	0.000	0.000	0.000	0.000	0.000
7.750	0.000	0.000	0.000	0.000	0.000
8.000	0.000	0.000	0.000	0.000	0.000
8.250	0.000	0.000	0.000	0.000	0.000
8.500	0.000	0.000	0.000	0.000	0.000
8.750	0.000	0.000	0.000	0.000	0.000
9.000	0.000	0.000	0.000	0.000	0.000
9.250	0.000	0.000	0.000	0.000	0.000
9.500	0.000	0.000	0.000	0.000	0.000
9.750	0.000	0.000	0.000	0.000	0.000
10.000	0.000	0.000	0.000	0.000	0.000
10.250	0.000	0.000	0.000	0.000	0.000
10.500	0.000	0.000	0.000	0.000	0.000
10.750	0.000	0.000	0.000	0.000	0.000
11.000	0.000	0.000	0.000	0.000	0.000
11.250	1.000	2.000	4.000	7.000	11.000
11.500	16.000	22.000	30.000	41.000	56.000
11.750	78.000	107.000	148.000	202.000	275.000
12.000	382.000	538.000	748.000	954.000	1,059.000
12.250	1,070.000	1,056.000	1,039.000	1,025.000	1,012.000
12.500	999.000	984.000	969.000	954.000	942.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 1 years
Label: POND 1B | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
12.750	933.000	928.000	924.000	920.000	918.000
13.000	915.000	913.000	911.000	909.000	908.000
13.250	907.000	906.000	905.000	905.000	904.000
13.500	904.000	903.000	903.000	902.000	901.000
13.750	901.000	900.000	900.000	899.000	899.000
14.000	898.000	897.000	897.000	896.000	896.000
14.250	896.000	895.000	895.000	895.000	894.000
14.500	894.000	894.000	894.000	893.000	893.000
14.750	893.000	892.000	892.000	892.000	892.000
15.000	891.000	891.000	891.000	890.000	890.000
15.250	890.000	890.000	889.000	889.000	889.000
15.500	888.000	888.000	888.000	887.000	887.000
15.750	887.000	886.000	885.000	884.000	883.000
16.000	882.000	880.000	879.000	878.000	876.000
16.250	875.000	874.000	873.000	871.000	870.000
16.500	869.000	868.000	867.000	867.000	866.000
16.750	865.000	864.000	863.000	862.000	862.000
17.000	861.000	860.000	859.000	858.000	858.000
17.250	857.000	856.000	855.000	854.000	854.000
17.500	853.000	852.000	851.000	850.000	850.000
17.750	849.000	848.000	847.000	846.000	846.000
18.000	845.000	844.000	843.000	842.000	842.000
18.250	841.000	840.000	840.000	839.000	839.000
18.500	839.000	838.000	838.000	838.000	837.000
18.750	837.000	837.000	836.000	836.000	836.000
19.000	836.000	835.000	835.000	835.000	835.000
19.250	834.000	834.000	834.000	834.000	833.000
19.500	833.000	833.000	833.000	832.000	832.000
19.750	832.000	832.000	831.000	831.000	831.000
20.000	831.000	831.000	830.000	830.000	830.000
20.250	830.000	829.000	829.000	829.000	829.000
20.500	829.000	828.000	828.000	828.000	828.000
20.750	828.000	827.000	827.000	827.000	827.000
21.000	827.000	827.000	826.000	826.000	826.000
21.250	826.000	826.000	826.000	825.000	825.000
21.500	825.000	825.000	825.000	824.000	824.000
21.750	824.000	824.000	824.000	823.000	823.000
22.000	823.000	823.000	823.000	823.000	822.000
22.250	822.000	822.000	822.000	822.000	821.000
22.500	821.000	821.000	821.000	821.000	821.000
22.750	820.000	820.000	820.000	820.000	820.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 1 years
Label: POND 1B
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
23.000	819.000	819.000	819.000	819.000	819.000
23.250	818.000	818.000	818.000	818.000	818.000
23.500	818.000	817.000	817.000	817.000	817.000
23.750	817.000	816.000	816.000	816.000	816.000
24.000	816.000	815.000	814.000	812.000	809.000
24.250	805.000	802.000	799.000	796.000	794.000
24.500	792.000	791.000	790.000	789.000	788.000
24.750	787.000	786.000	786.000	786.000	785.000
25.000	785.000	785.000	785.000	784.000	784.000
25.250	784.000	784.000	784.000	784.000	784.000
25.500	784.000	784.000	784.000	784.000	784.000
25.750	784.000	784.000	784.000	784.000	784.000
26.000	784.000	784.000	784.000	784.000	784.000
26.250	784.000	784.000	784.000	784.000	784.000
26.500	784.000	784.000	784.000	784.000	784.000
26.750	784.000	784.000	784.000	784.000	784.000
27.000	784.000	784.000	784.000	784.000	784.000
27.250	784.000	784.000	784.000	784.000	784.000
27.500	784.000	784.000	784.000	784.000	784.000
27.750	784.000	784.000	784.000	784.000	784.000
28.000	784.000	784.000	784.000	784.000	784.000
28.250	784.000	784.000	784.000	784.000	784.000
28.500	784.000	784.000	784.000	784.000	784.000
28.750	784.000	784.000	784.000	784.000	784.000
29.000	784.000	784.000	784.000	784.000	784.000
29.250	784.000	784.000	784.000	784.000	784.000
29.500	784.000	784.000	784.000	784.000	784.000
29.750	784.000	784.000	784.000	784.000	784.000
30.000	784.000	784.000	784.000	784.000	784.000
30.250	784.000	784.000	784.000	784.000	784.000
30.500	784.000	784.000	784.000	784.000	784.000
30.750	784.000	784.000	784.000	784.000	784.000
31.000	784.000	784.000	784.000	784.000	784.000
31.250	784.000	784.000	784.000	784.000	784.000
31.500	784.000	784.000	784.000	784.000	784.000
31.750	784.000	784.000	784.000	784.000	784.000
32.000	784.000	784.000	784.000	784.000	784.000
32.250	784.000	784.000	784.000	784.000	784.000
32.500	784.000	784.000	784.000	784.000	784.000
32.750	784.000	784.000	784.000	784.000	784.000
33.000	784.000	784.000	784.000	784.000	784.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume — Return Event: 1 years
Label: POND 1B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
33.250	784.000	784.000	784.000	784.000	784.000
33.500	784.000	784.000	784.000	784.000	784.000
33.750	784.000	784.000	784.000	784.000	784.000
34.000	784.000	784.000	784.000	784.000	784.000
34.250	784.000	784.000	784.000	784.000	784.000
34.500	784.000	784.000	784.000	784.000	784.000
34.750	784.000	784.000	784.000	784.000	784.000
35.000	784.000	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Volume — Return Event: 10 years
Label: POND 1B — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
2.000	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 10 years
Label: POND 1B
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
5.250	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	0.000
6.500	0.000	0.000	0.000	0.000	0.000
6.750	0.000	0.000	0.000	0.000	0.000
7.000	0.000	0.000	0.000	0.000	0.000
7.250	0.000	0.000	0.000	0.000	0.000
7.500	0.000	0.000	0.000	0.000	0.000
7.750	0.000	0.000	0.000	0.000	0.000
8.000	0.000	0.000	0.000	0.000	0.000
8.250	0.000	0.000	0.000	0.000	0.000
8.500	0.000	0.000	0.000	0.000	0.000
8.750	0.000	0.000	0.000	0.000	1.000
9.000	1.000	2.000	4.000	6.000	8.000
9.250	11.000	14.000	18.000	22.000	27.000
9.500	32.000	38.000	45.000	52.000	60.000
9.750	69.000	78.000	87.000	98.000	109.000
10.000	121.000	133.000	147.000	161.000	176.000
10.250	192.000	209.000	227.000	247.000	267.000
10.500	288.000	311.000	335.000	361.000	388.000
10.750	416.000	445.000	476.000	509.000	543.000
11.000	579.000	616.000	655.000	697.000	742.000
11.250	789.000	835.000	877.000	907.000	922.000
11.500	930.000	936.000	945.000	958.000	977.000
11.750	1,003.000	1,030.000	1,060.000	1,094.000	1,135.000
12.000	1,198.000	1,294.000	1,442.000	1,643.000	1,826.000
12.250	1,905.000	1,869.000	1,746.000	1,566.000	1,347.000
12.500	1,193.000	1,151.000	1,140.000	1,129.000	1,121.000
12.750	1,115.000	1,112.000	1,108.000	1,105.000	1,101.000
13.000	1,096.000	1,091.000	1,085.000	1,080.000	1,076.000
13.250	1,072.000	1,068.000	1,065.000	1,062.000	1,059.000
13.500	1,056.000	1,053.000	1,050.000	1,047.000	1,045.000
13.750	1,042.000	1,039.000	1,037.000	1,034.000	1,032.000
14.000	1,029.000	1,027.000	1,025.000	1,022.000	1,020.000
14.250	1,018.000	1,017.000	1,015.000	1,013.000	1,012.000
14.500	1,010.000	1,009.000	1,007.000	1,006.000	1,005.000
14.750	1,003.000	1,002.000	1,001.000	1,000.000	998.000
15.000	997.000	996.000	995.000	993.000	992.000
15.250	990.000	989.000	987.000	985.000	983.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 10 years
Label: POND 1B | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
15.500	982.000	980.000	978.000	976.000	975.000
15.750	973.000	971.000	969.000	968.000	966.000
16.000	964.000	962.000	961.000	959.000	958.000
16.250	956.000	955.000	954.000	953.000	952.000
16.500	951.000	950.000	949.000	948.000	947.000
16.750	946.000	945.000	944.000	943.000	942.000
17.000	941.000	941.000	940.000	939.000	938.000
17.250	937.000	937.000	936.000	935.000	934.000
17.500	933.000	933.000	932.000	931.000	930.000
17.750	930.000	929.000	928.000	927.000	926.000
18.000	926.000	925.000	924.000	923.000	923.000
18.250	922.000	922.000	921.000	921.000	920.000
18.500	920.000	920.000	919.000	919.000	919.000
18.750	918.000	918.000	918.000	917.000	917.000
19.000	917.000	917.000	916.000	916.000	916.000
19.250	916.000	915.000	915.000	915.000	915.000
19.500	914.000	914.000	914.000	914.000	913.000
19.750	913.000	913.000	913.000	912.000	912.000
20.000	912.000	912.000	911.000	911.000	911.000
20.250	911.000	911.000	910.000	910.000	910.000
20.500	910.000	910.000	909.000	909.000	909.000
20.750	909.000	909.000	909.000	908.000	908.000
21.000	908.000	908.000	908.000	908.000	907.000
21.250	907.000	907.000	907.000	907.000	906.000
21.500	906.000	906.000	906.000	906.000	906.000
21.750	905.000	905.000	905.000	905.000	905.000
22.000	905.000	904.000	904.000	904.000	904.000
22.250	904.000	903.000	903.000	903.000	903.000
22.500	903.000	903.000	902.000	902.000	902.000
22.750	902.000	902.000	902.000	901.000	901.000
23.000	901.000	901.000	901.000	900.000	900.000
23.250	900.000	900.000	900.000	900.000	899.000
23.500	899.000	899.000	899.000	899.000	899.000
23.750	898.000	898.000	898.000	898.000	898.000
24.000	897.000	897.000	895.000	892.000	888.000
24.250	884.000	878.000	872.000	866.000	860.000
24.500	853.000	847.000	841.000	836.000	831.000
24.750	826.000	822.000	818.000	815.000	811.000
25.000	808.000	806.000	803.000	801.000	799.000
25.250	798.000	796.000	795.000	794.000	792.000
25.500	791.000	791.000	790.000	789.000	788.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 10 years
Label: POND 1B
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
25.750	788.000	787.000	787.000	787.000	786.000
26.000	786.000	786.000	786.000	785.000	785.000
26.250	785.000	785.000	785.000	785.000	785.000
26.500	784.000	784.000	784.000	784.000	784.000
26.750	784.000	784.000	784.000	784.000	784.000
27.000	784.000	784.000	784.000	784.000	784.000
27.250	784.000	784.000	784.000	784.000	784.000
27.500	784.000	784.000	784.000	784.000	784.000
27.750	784.000	784.000	784.000	784.000	784.000
28.000	784.000	784.000	784.000	784.000	784.000
28.250	784.000	784.000	784.000	784.000	784.000
28.500	784.000	784.000	784.000	784.000	784.000
28.750	784.000	784.000	784.000	784.000	784.000
29.000	784.000	784.000	784.000	784.000	784.000
29.250	784.000	784.000	784.000	784.000	784.000
29.500	784.000	784.000	784.000	784.000	784.000
29.750	784.000	784.000	784.000	784.000	784.000
30.000	784.000	784.000	784.000	784.000	784.000
30.250	784.000	784.000	784.000	784.000	784.000
30.500	784.000	784.000	784.000	784.000	784.000
30.750	784.000	784.000	784.000	784.000	784.000
31.000	784.000	784.000	784.000	784.000	784.000
31.250	784.000	784.000	784.000	784.000	784.000
31.500	784.000	784.000	784.000	784.000	784.000
31.750	784.000	784.000	784.000	784.000	784.000
32.000	784.000	784.000	784.000	784.000	784.000
32.250	784.000	784.000	784.000	784.000	784.000
32.500	784.000	784.000	784.000	784.000	784.000
32.750	784.000	784.000	784.000	784.000	784.000
33.000	784.000	784.000	784.000	784.000	784.000
33.250	784.000	784.000	784.000	784.000	784.000
33.500	784.000	784.000	784.000	784.000	784.000
33.750	784.000	784.000	784.000	784.000	784.000
34.000	784.000	784.000	784.000	784.000	784.000
34.250	784.000	784.000	784.000	784.000	784.000
34.500	784.000	784.000	784.000	784.000	784.000
34.750	784.000	784.000	784.000	784.000	784.000
35.000	784.000	(N/A)	(N/A)	(N/A)	(N/A)

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 100 years
Label: POND 1B
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
2.000	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000
5.250	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	1.000
6.500	2.000	3.000	4.000	6.000	8.000
6.750	10.000	13.000	16.000	20.000	24.000
7.000	28.000	33.000	39.000	45.000	51.000
7.250	58.000	65.000	73.000	82.000	90.000
7.500	100.000	110.000	120.000	132.000	143.000
7.750	156.000	169.000	182.000	196.000	211.000
8.000	227.000	243.000	260.000	277.000	296.000
8.250	315.000	336.000	357.000	379.000	403.000
8.500	427.000	453.000	479.000	507.000	536.000
8.750	567.000	599.000	632.000	666.000	702.000
9.000	739.000	778.000	814.000	847.000	875.000
9.250	896.000	906.000	911.000	913.000	915.000
9.500	917.000	918.000	920.000	921.000	923.000
9.750	925.000	927.000	928.000	930.000	932.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 100 years
Label: POND 1B
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
10.000	934.000	936.000	938.000	940.000	942.000
10.250	945.000	947.000	950.000	953.000	957.000
10.500	960.000	963.000	966.000	970.000	973.000
10.750	977.000	980.000	984.000	988.000	992.000
11.000	995.000	998.000	1,002.000	1,006.000	1,011.000
11.250	1,017.000	1,024.000	1,032.000	1,040.000	1,048.000
11.500	1,057.000	1,068.000	1,086.000	1,113.000	1,151.000
11.750	1,200.000	1,262.000	1,341.000	1,486.000	1,782.000
12.000	2,383.000	3,474.000	5,134.000	7,299.000	9,751.000
12.250	12,178.000	14,358.000	16,204.000	17,700.000	18,835.000
12.500	19,507.000	19,701.000	19,605.000	19,371.000	19,066.000
12.750	18,702.000	18,263.000	17,747.000	17,176.000	16,557.000
13.000	15,899.000	15,208.000	14,491.000	13,756.000	13,009.000
13.250	12,257.000	11,504.000	10,757.000	10,017.000	9,289.000
13.500	8,575.000	7,877.000	7,197.000	6,538.000	5,900.000
13.750	5,286.000	4,698.000	4,137.000	3,606.000	3,107.000
14.000	2,642.000	2,214.000	1,826.000	1,480.000	1,236.000
14.250	1,147.000	1,138.000	1,135.000	1,133.000	1,130.000
14.500	1,128.000	1,126.000	1,123.000	1,121.000	1,119.000
14.750	1,117.000	1,114.000	1,112.000	1,110.000	1,108.000
15.000	1,106.000	1,103.000	1,101.000	1,098.000	1,095.000
15.250	1,093.000	1,090.000	1,087.000	1,085.000	1,082.000
15.500	1,079.000	1,076.000	1,074.000	1,071.000	1,068.000
15.750	1,066.000	1,063.000	1,060.000	1,057.000	1,055.000
16.000	1,052.000	1,049.000	1,047.000	1,044.000	1,042.000
16.250	1,040.000	1,038.000	1,036.000	1,034.000	1,033.000
16.500	1,031.000	1,029.000	1,028.000	1,027.000	1,025.000
16.750	1,024.000	1,022.000	1,021.000	1,020.000	1,018.000
17.000	1,017.000	1,016.000	1,014.000	1,013.000	1,012.000
17.250	1,011.000	1,010.000	1,008.000	1,007.000	1,006.000
17.500	1,005.000	1,003.000	1,002.000	1,001.000	1,000.000
17.750	999.000	998.000	996.000	995.000	994.000
18.000	993.000	991.000	989.000	988.000	986.000
18.250	985.000	984.000	983.000	982.000	981.000
18.500	980.000	979.000	979.000	978.000	977.000
18.750	976.000	976.000	975.000	974.000	974.000
19.000	973.000	973.000	972.000	971.000	971.000
19.250	970.000	970.000	969.000	969.000	968.000
19.500	968.000	967.000	966.000	966.000	965.000
19.750	965.000	964.000	964.000	963.000	963.000
20.000	962.000	962.000	961.000	961.000	960.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 100 years
Label: POND 1B | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
20.250	960.000	959.000	959.000	958.000	958.000
20.500	958.000	957.000	957.000	956.000	956.000
20.750	955.000	955.000	955.000	954.000	954.000
21.000	954.000	953.000	953.000	952.000	952.000
21.250	952.000	951.000	951.000	950.000	950.000
21.500	950.000	949.000	949.000	948.000	948.000
21.750	948.000	947.000	947.000	947.000	946.000
22.000	946.000	945.000	945.000	945.000	944.000
22.250	944.000	943.000	943.000	943.000	942.000
22.500	942.000	941.000	941.000	941.000	940.000
22.750	940.000	940.000	939.000	939.000	938.000
23.000	938.000	938.000	937.000	937.000	936.000
23.250	936.000	936.000	935.000	935.000	935.000
23.500	934.000	934.000	933.000	933.000	933.000
23.750	932.000	932.000	931.000	931.000	931.000
24.000	930.000	929.000	926.000	919.000	911.000
24.250	904.000	898.000	894.000	891.000	888.000
24.500	885.000	881.000	875.000	870.000	864.000
24.750	858.000	852.000	846.000	840.000	835.000
25.000	830.000	826.000	822.000	818.000	814.000
25.250	811.000	808.000	806.000	803.000	801.000
25.500	799.000	798.000	796.000	795.000	793.000
25.750	792.000	791.000	791.000	790.000	789.000
26.000	788.000	788.000	787.000	787.000	787.000
26.250	786.000	786.000	786.000	786.000	785.000
26.500	785.000	785.000	785.000	785.000	785.000
26.750	785.000	784.000	784.000	784.000	784.000
27.000	784.000	784.000	784.000	784.000	784.000
27.250	784.000	784.000	784.000	784.000	784.000
27.500	784.000	784.000	784.000	784.000	784.000
27.750	784.000	784.000	784.000	784.000	784.000
28.000	784.000	784.000	784.000	784.000	784.000
28.250	784.000	784.000	784.000	784.000	784.000
28.500	784.000	784.000	784.000	784.000	784.000
28.750	784.000	784.000	784.000	784.000	784.000
29.000	784.000	784.000	784.000	784.000	784.000
29.250	784.000	784.000	784.000	784.000	784.000
29.500	784.000	784.000	784.000	784.000	784.000
29.750	784.000	784.000	784.000	784.000	784.000
30.000	784.000	784.000	784.000	784.000	784.000
30.250	784.000	784.000	784.000	784.000	784.000

Existing Hydrologic Calculations

Subsection: Time vs. Volume — Return Event: 100 years
Label: POND 1B — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
30.500	784.000	784.000	784.000	784.000	784.000
30.750	784.000	784.000	784.000	784.000	784.000
31.000	784.000	784.000	784.000	784.000	784.000
31.250	784.000	784.000	784.000	784.000	784.000
31.500	784.000	784.000	784.000	784.000	784.000
31.750	784.000	784.000	784.000	784.000	784.000
32.000	784.000	784.000	784.000	784.000	784.000
32.250	784.000	784.000	784.000	784.000	784.000
32.500	784.000	784.000	784.000	784.000	784.000
32.750	784.000	784.000	784.000	784.000	784.000
33.000	784.000	784.000	784.000	784.000	784.000
33.250	784.000	784.000	784.000	784.000	784.000
33.500	784.000	784.000	784.000	784.000	784.000
33.750	784.000	784.000	784.000	784.000	784.000
34.000	784.000	784.000	784.000	784.000	784.000
34.250	784.000	784.000	784.000	784.000	784.000
34.500	784.000	784.000	784.000	784.000	784.000
34.750	784.000	784.000	784.000	784.000	784.000
35.000	784.000	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Elevation-Area Volume Curve — Return Event: 1 years
Label: POND 1A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
364.00	0.0	0.180	0.000	0.000	0.000
364.70	0.0	0.371	0.808	8,213.000	8,213.000
365.00	0.0	0.371	1.112	4,842.000	13,054.000
365.25	0.0	0.371	1.112	4,035.000	17,089.000

Subsection: Elevation-Area Volume Curve — Return Event: 10 years
Label: POND 1A — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
364.00	0.0	0.180	0.000	0.000	0.000
364.70	0.0	0.371	0.808	8,213.000	8,213.000

Existing Hydrologic Calculations

Subsection: Elevation-Area Volume Curve — Return Event: 10 years
Label: POND 1A — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
365.00	0.0	0.371	1.112	4,842.000	13,054.000
365.25	0.0	0.371	1.112	4,035.000	17,089.000

Subsection: Elevation-Area Volume Curve — Return Event: 100 years
Label: POND 1A — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
364.00	0.0	0.180	0.000	0.000	0.000
364.70	0.0	0.371	0.808	8,213.000	8,213.000
365.00	0.0	0.371	1.112	4,842.000	13,054.000
365.25	0.0	0.371	1.112	4,035.000	17,089.000

Subsection: Elevation-Area Volume Curve — Return Event: 1 years
Label: POND 1B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
338.00	0.0	0.034	0.000	0.000	0.000
340.00	0.0	0.107	0.200	5,814.000	5,814.000
342.15	0.0	0.201	0.453	14,153.000	19,967.000

Subsection: Elevation-Area Volume Curve — Return Event: 10 years
Label: POND 1B — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
338.00	0.0	0.034	0.000	0.000	0.000
340.00	0.0	0.107	0.200	5,814.000	5,814.000
342.15	0.0	0.201	0.453	14,153.000	19,967.000

Subsection: Elevation-Area Volume Curve — Return Event: 100 years
Label: POND 1B — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
338.00	0.0	0.034	0.000	0.000	0.000

Existing Hydrologic Calculations

Subsection: Elevation-Area Volume Curve — Return Event: 100 years
Label: POND 1B — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
340.00	0.0	0.107	0.200	5,814.000	5,814.000
342.15	0.0	0.201	0.453	14,153.000	19,967.000

Subsection: Outlet Input Data — Return Event: 1 years
Label: Berm 1A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Requested Pond Water Surface Elevations	
Minimum (Headwater)	364.00 ft
Increment (Headwater)	0.10 ft
Maximum (Headwater)	365.25 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Irregular Weir	Weir 1A	Forward	TW	364.70	365.25
Tailwater Settings	Tailwater			(N/A)	(N/A)

Structure ID: Weir 1A
Structure Type: Irregular Weir

Station (ft)	Elevation (ft)
0.00	365.25
12.00	364.70
24.00	364.70
36.00	365.25

Lowest Elevation	364.70 ft
Weir Coefficient	2.68 (ft^0.5)/s

Structure ID: TW
Structure Type: TW Setup, DS Channel

Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	40
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft

Existing Hydrologic Calculations

Subsection: Outlet Input Data — Return Event: 1 years
Label: Berm 1A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Convergence Tolerances	
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

Subsection: Composite Rating Curve — Return Event: 1 years
Label: Berm 1A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)
364.00	0.00	(N/A)	0.00
364.10	0.00	(N/A)	0.00
364.20	0.00	(N/A)	0.00
364.30	0.00	(N/A)	0.00
364.40	0.00	(N/A)	0.00
364.50	0.00	(N/A)	0.00
364.60	0.00	(N/A)	0.00
364.70	0.00	(N/A)	0.00
364.80	1.15	(N/A)	0.00
364.90	3.62	(N/A)	0.00
365.00	7.32	(N/A)	0.00
365.10	12.32	(N/A)	0.00
365.20	18.68	(N/A)	0.00
365.25	22.39	(N/A)	0.00

Contributing Structures
None Contributing
None Contributing
None Contributing
None Contributing
None Contributing
None Contributing
None Contributing
Weir 1A
Weir 1A
Weir 1A
Weir 1A
Weir 1A
Weir 1A
Weir 1A

Existing Hydrologic Calculations

Subsection: Outlet Input Data | Return Event: 1 years
Label: Curb 1B | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Requested Pond Water Surface Elevations	
Minimum (Headwater)	338.00 ft
Increment (Headwater)	0.05 ft
Maximum (Headwater)	342.15 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Irregular Weir	Weir Curb 1B	Forward	TW	342.00	342.15
Tailwater Settings	Tailwater			(N/A)	(N/A)

Structure ID: Weir Curb 1B
Structure Type: Irregular Weir

Station (ft)	Elevation (ft)
0.00	342.15
12.00	342.00
24.00	342.00
36.00	342.15

Lowest Elevation	342.00 ft
Weir Coefficient	2.68 (ft^0.5)/s

Structure ID: TW
Structure Type: TW Setup, DS Channel

Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	40
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft^3/s
Flow Tolerance (Maximum)	10.000 ft^3/s

Existing Hydrologic Calculations

Subsection: Composite Rating Curve
Return Event: 1 years
Label: Curb 1B
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)
338.00	0.00	(N/A)	0.00
338.05	0.00	(N/A)	0.00
338.10	0.00	(N/A)	0.00
338.15	0.00	(N/A)	0.00
338.20	0.00	(N/A)	0.00
338.25	0.00	(N/A)	0.00
338.30	0.00	(N/A)	0.00
338.35	0.00	(N/A)	0.00
338.40	0.00	(N/A)	0.00
338.45	0.00	(N/A)	0.00
338.50	0.00	(N/A)	0.00
338.55	0.00	(N/A)	0.00
338.60	0.00	(N/A)	0.00
338.65	0.00	(N/A)	0.00
338.70	0.00	(N/A)	0.00
338.75	0.00	(N/A)	0.00
338.80	0.00	(N/A)	0.00
338.85	0.00	(N/A)	0.00
338.90	0.00	(N/A)	0.00
338.95	0.00	(N/A)	0.00
339.00	0.00	(N/A)	0.00
339.05	0.00	(N/A)	0.00
339.10	0.00	(N/A)	0.00
339.15	0.00	(N/A)	0.00
339.20	0.00	(N/A)	0.00
339.25	0.00	(N/A)	0.00
339.30	0.00	(N/A)	0.00
339.35	0.00	(N/A)	0.00
339.40	0.00	(N/A)	0.00
339.45	0.00	(N/A)	0.00
339.50	0.00	(N/A)	0.00
339.55	0.00	(N/A)	0.00
339.60	0.00	(N/A)	0.00
339.65	0.00	(N/A)	0.00
339.70	0.00	(N/A)	0.00
339.75	0.00	(N/A)	0.00
339.80	0.00	(N/A)	0.00
339.85	0.00	(N/A)	0.00
339.90	0.00	(N/A)	0.00
339.95	0.00	(N/A)	0.00
340.00	0.00	(N/A)	0.00
340.05	0.00	(N/A)	0.00

Existing Hydrologic Calculations

Subsection: Composite Rating Curve
Return Event: 1 years
Label: Curb 1B
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)
340.10	0.00	(N/A)	0.00
340.15	0.00	(N/A)	0.00
340.20	0.00	(N/A)	0.00
340.25	0.00	(N/A)	0.00
340.30	0.00	(N/A)	0.00
340.35	0.00	(N/A)	0.00
340.40	0.00	(N/A)	0.00
340.45	0.00	(N/A)	0.00
340.50	0.00	(N/A)	0.00
340.55	0.00	(N/A)	0.00
340.60	0.00	(N/A)	0.00
340.65	0.00	(N/A)	0.00
340.70	0.00	(N/A)	0.00
340.75	0.00	(N/A)	0.00
340.80	0.00	(N/A)	0.00
340.85	0.00	(N/A)	0.00
340.90	0.00	(N/A)	0.00
340.95	0.00	(N/A)	0.00
341.00	0.00	(N/A)	0.00
341.05	0.00	(N/A)	0.00
341.10	0.00	(N/A)	0.00
341.15	0.00	(N/A)	0.00
341.20	0.00	(N/A)	0.00
341.25	0.00	(N/A)	0.00
341.30	0.00	(N/A)	0.00
341.35	0.00	(N/A)	0.00
341.40	0.00	(N/A)	0.00
341.45	0.00	(N/A)	0.00
341.50	0.00	(N/A)	0.00
341.55	0.00	(N/A)	0.00
341.60	0.00	(N/A)	0.00
341.65	0.00	(N/A)	0.00
341.70	0.00	(N/A)	0.00
341.75	0.00	(N/A)	0.00
341.80	0.00	(N/A)	0.00
341.85	0.00	(N/A)	0.00
341.90	0.00	(N/A)	0.00
341.95	0.00	(N/A)	0.00
342.00	0.00	(N/A)	0.00
342.05	0.44	(N/A)	0.00
342.10	1.50	(N/A)	0.00
342.15	3.19	(N/A)	0.00

Existing Hydrologic Calculations

Subsection: Composite Rating Curve
Label: Curb 1B
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: TypeIII 24hr (2.8 in)

Composite Outflow Summary

Contributing Structures
None Contributing
None Contributing
None Contributing
None Contributing
None Contributing
None Contributing
None Contributing
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Existing Hydrologic Calculations

Subsection: Composite Rating Curve
Label: Curb 1B
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: TypeIII 24hr (2.8 in)

Composite Outflow Summary

Contributing Structures
None Contributing
None Contributing
None Contributing
None Contributing
None Contributing
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Subsection: Outlet Input Data
Label: DI 1B
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: TypeIII 24hr (2.8 in)

Existing Hydrologic Calculations

Subsection: Outlet Input Data | Return Event: 1 years
Label: DI 1B | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Requested Pond Water Surface Elevations	
Minimum (Headwater)	338.00 ft
Increment (Headwater)	0.05 ft
Maximum (Headwater)	342.15 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Inlet Box	Riser DI 1B	Forward	Pipe DI 1B	338.48	342.15
Culvert-Circular	Pipe DI 1B	Forward	TW	337.18	342.15
Tailwater Settings	Tailwater			(N/A)	(N/A)

Structure ID: Riser DI 1B Structure Type: Inlet Box	
Number of Openings	1
Elevation	338.48 ft
Orifice Area	9.0 ft²
Orifice Coefficient	0.600
Weir Length	12.00 ft
Weir Coefficient	3.33 (ft^0.5)/s
K Reverse	1.000
Manning's n	0.000
Kev, Charged Riser	0.000
Weir Submergence	False
Orifice H to crest	False

Structure ID: Pipe DI 1B Structure Type: Culvert-Circular	
Number of Barrels	1
Diameter	12.0 in
Length	50.00 ft
Length (Computed Barrel)	50.10 ft
Slope (Computed)	0.064 ft/ft

Outlet Control Data	
Manning's n	0.012
Ke	0.500
Kb	0.027
Kr	0.000
Convergence Tolerance	0.00 ft

Inlet Control Data

Existing Hydrologic Calculations

Subsection: Outlet Input Data | Return Event: 1 years
Label: DI 1B | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Equation Form	Form 1
K	0.0078
M	2.0000
C	0.0379
Y	0.6900
T1 ratio (HW/D)	1.104
T2 ratio (HW/D)	1.265
Slope Correction Factor	-0.500

Use unsubmerged inlet control 0 equation below T1 elevation.
Use submerged inlet control 0 equation above T2 elevation

In transition zone between unsubmerged and submerged inlet control,
interpolate between flows at T1 & T2...

T1 Elevation	338.28 ft	T1 Flow	2.75 ft^3/s
T2 Elevation	338.44 ft	T2 Flow	3.14 ft^3/s

Existing Hydrologic Calculations

Subsection: Outlet Input Data — Return Event: 1 years
Label: DI 1B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Structure ID: TW
Structure Type: TW Setup, DS Channel

Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	40
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

Subsection: Composite Rating Curve — Return Event: 1 years
Label: DI 1B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)
338.00	0.00	(N/A)	0.00
338.05	0.00	(N/A)	0.00
338.10	0.00	(N/A)	0.00
338.15	0.00	(N/A)	0.00
338.20	0.00	(N/A)	0.00
338.25	0.00	(N/A)	0.00
338.30	0.00	(N/A)	0.00
338.35	0.00	(N/A)	0.00
338.40	0.00	(N/A)	0.00
338.45	0.00	(N/A)	0.00
338.48	0.00	(N/A)	0.00
338.50	0.11	(N/A)	0.00
338.55	0.74	(N/A)	0.00
338.60	1.66	(N/A)	0.00
338.65	2.80	(N/A)	0.00
338.70	3.74	(N/A)	0.00
338.75	3.85	(N/A)	0.00
338.80	3.95	(N/A)	0.00
338.85	4.06	(N/A)	0.00
338.90	4.16	(N/A)	0.00

Existing Hydrologic Calculations

Subsection: Composite Rating Curve
Return Event: 1 years
Label: DI 1B
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)
338.95	4.26	(N/A)	0.00
339.00	4.35	(N/A)	0.00
339.05	4.44	(N/A)	0.00
339.10	4.53	(N/A)	0.00
339.15	4.62	(N/A)	0.00
339.20	4.71	(N/A)	0.00
339.25	4.79	(N/A)	0.00
339.30	4.88	(N/A)	0.00
339.35	4.96	(N/A)	0.00
339.40	5.04	(N/A)	0.00
339.45	5.12	(N/A)	0.00
339.50	5.20	(N/A)	0.00
339.55	5.28	(N/A)	0.00
339.60	5.36	(N/A)	0.00
339.65	5.43	(N/A)	0.00
339.70	5.50	(N/A)	0.00
339.75	5.58	(N/A)	0.00
339.80	5.65	(N/A)	0.00
339.85	5.72	(N/A)	0.00
339.90	5.79	(N/A)	0.00
339.95	5.86	(N/A)	0.00
340.00	5.93	(N/A)	0.00
340.05	6.00	(N/A)	0.00
340.10	6.07	(N/A)	0.00
340.15	6.13	(N/A)	0.00
340.20	6.20	(N/A)	0.00
340.25	6.26	(N/A)	0.00
340.30	6.33	(N/A)	0.00
340.35	6.39	(N/A)	0.00
340.40	6.46	(N/A)	0.00
340.45	6.52	(N/A)	0.00
340.50	6.58	(N/A)	0.00
340.55	6.64	(N/A)	0.00
340.60	6.71	(N/A)	0.00
340.65	6.77	(N/A)	0.00
340.70	6.82	(N/A)	0.00
340.75	6.88	(N/A)	0.00
340.80	6.94	(N/A)	0.00
340.85	7.00	(N/A)	0.00
340.90	7.06	(N/A)	0.00
340.95	7.12	(N/A)	0.00
341.00	7.17	(N/A)	0.00

Existing Hydrologic Calculations

Subsection: Composite Rating Curve
Return Event: 1 years
Label: DI 1B
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)
341.05	7.23	(N/A)	0.00
341.10	7.29	(N/A)	0.00
341.15	7.34	(N/A)	0.00
341.20	7.40	(N/A)	0.00
341.25	7.45	(N/A)	0.00
341.30	7.51	(N/A)	0.00
341.35	7.56	(N/A)	0.00
341.40	7.61	(N/A)	0.00
341.45	7.67	(N/A)	0.00
341.50	7.72	(N/A)	0.00
341.55	7.77	(N/A)	0.00
341.60	7.82	(N/A)	0.00
341.65	7.88	(N/A)	0.00
341.70	7.93	(N/A)	0.00
341.75	7.98	(N/A)	0.00
341.80	8.03	(N/A)	0.00
341.85	8.08	(N/A)	0.00
341.90	8.13	(N/A)	0.00
341.95	8.18	(N/A)	0.00
342.00	8.23	(N/A)	0.00
342.05	8.28	(N/A)	0.00
342.10	8.33	(N/A)	0.00
342.15	8.38	(N/A)	0.00

Contributing Structures
(no Q: Riser DI 1B,Pipe DI 1B)
(no Q: Riser DI 1B,Pipe DI 1B)
(no Q: Riser DI 1B,Pipe DI 1B)
(no Q: Riser DI 1B,Pipe DI 1B)
(no Q: Riser DI 1B,Pipe DI 1B)
(no Q: Riser DI 1B,Pipe DI 1B)
(no Q: Riser DI 1B,Pipe DI 1B)
(no Q: Riser DI 1B,Pipe DI 1B)
(no Q: Riser DI 1B,Pipe DI 1B)

Existing Hydrologic Calculations

Subsection: Composite Rating Curve | Return Event: 1 years

Label: DI 1B | Storm Event: TypeIII 24hr (2.8 in)

Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Contributing Structures
(no Q: Riser DI 1B,Pipe DI 1B)
(no Q: Riser DI 1B,Pipe DI 1B)
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
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Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B

Existing Hydrologic Calculations

Subsection: Composite Rating Curve — Return Event: 1 years
Label: DI 1B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Contributing Structures
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
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Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B
Riser DI 1B,Pipe DI 1B

Subsection: Multiple Outfall Rating Curves — Return Event: 1 years
Label: POND 1B (IN) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Total Pond Outflow Curve for Multiple Outfalls

Headwater Elevation (ft)	Outfall: Pipe 1B (ft³/s)	Outfall: Driveway (ft³/s)	Total Flow (ft³/s)
338.00	0.00	0.00	0.00

Existing Hydrologic Calculations

Subsection: Multiple Outfall Rating Curves
Return Event: 1 years
Label: POND 1B (IN)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Total Pond Outflow Curve for Multiple Outfalls

Headwater Elevation (ft)	Outfall: Pipe 1B (ft³/s)	Outfall: Driveway (ft³/s)	Total Flow (ft³/s)
338.05	0.00	0.00	0.00
338.10	0.00	0.00	0.00
338.15	0.00	0.00	0.00
338.20	0.00	0.00	0.00
338.25	0.00	0.00	0.00
338.30	0.00	0.00	0.00
338.35	0.00	0.00	0.00
338.40	0.00	0.00	0.00
338.45	0.00	0.00	0.00
338.50	0.11	0.00	0.11
338.55	0.74	0.00	0.74
338.60	1.66	0.00	1.66
338.65	2.80	0.00	2.80
338.70	3.74	0.00	3.74
338.75	3.85	0.00	3.85
338.80	3.95	0.00	3.95
338.85	4.06	0.00	4.06
338.90	4.16	0.00	4.16
338.95	4.26	0.00	4.26
339.00	4.35	0.00	4.35
339.05	4.44	0.00	4.44
339.10	4.53	0.00	4.53
339.15	4.62	0.00	4.62
339.20	4.71	0.00	4.71
339.25	4.79	0.00	4.79
339.30	4.88	0.00	4.88
339.35	4.96	0.00	4.96
339.40	5.04	0.00	5.04
339.45	5.12	0.00	5.12
339.50	5.20	0.00	5.20
339.55	5.28	0.00	5.28
339.60	5.36	0.00	5.36
339.65	5.43	0.00	5.43
339.70	5.50	0.00	5.50
339.75	5.58	0.00	5.58
339.80	5.65	0.00	5.65
339.85	5.72	0.00	5.72
339.90	5.79	0.00	5.79
339.95	5.86	0.00	5.86
340.00	5.93	0.00	5.93
340.05	6.00	0.00	6.00
340.10	6.07	0.00	6.07

Existing Hydrologic Calculations

Subsection: Multiple Outfall Rating Curves
Return Event: 1 years
Label: POND 1B (IN)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Total Pond Outflow Curve for Multiple Outfalls

Headwater Elevation (ft)	Outfall: Pipe 1B (ft³/s)	Outfall: Driveway (ft³/s)	Total Flow (ft³/s)
340.15	6.13	0.00	6.13
340.20	6.20	0.00	6.20
340.25	6.26	0.00	6.26
340.30	6.33	0.00	6.33
340.35	6.39	0.00	6.39
340.40	6.46	0.00	6.46
340.45	6.52	0.00	6.52
340.50	6.58	0.00	6.58
340.55	6.64	0.00	6.64
340.60	6.71	0.00	6.71
340.65	6.77	0.00	6.77
340.70	6.82	0.00	6.82
340.75	6.88	0.00	6.88
340.80	6.94	0.00	6.94
340.85	7.00	0.00	7.00
340.90	7.06	0.00	7.06
340.95	7.12	0.00	7.12
341.00	7.17	0.00	7.17
341.05	7.23	0.00	7.23
341.10	7.29	0.00	7.29
341.15	7.34	0.00	7.34
341.20	7.40	0.00	7.40
341.25	7.45	0.00	7.45
341.30	7.51	0.00	7.51
341.35	7.56	0.00	7.56
341.40	7.61	0.00	7.61
341.45	7.67	0.00	7.67
341.50	7.72	0.00	7.72
341.55	7.77	0.00	7.77
341.60	7.82	0.00	7.82
341.65	7.88	0.00	7.88
341.70	7.93	0.00	7.93
341.75	7.98	0.00	7.98
341.80	8.03	0.00	8.03
341.85	8.08	0.00	8.08
341.90	8.13	0.00	8.13
341.95	8.18	0.00	8.18
342.00	8.23	0.00	8.23
342.05	8.28	0.44	8.72
342.10	8.33	1.50	9.82
342.15	8.38	3.19	11.57

Existing Hydrologic Calculations

Subsection: Multiple Outfall Rating Curves
Return Event: 10 years
Label: POND 1B (IN)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Total Pond Outflow Curve for Multiple Outfalls

Headwater Elevation (ft)	Outfall: Pipe 1B (ft³/s)	Outfall: Driveway (ft³/s)	Total Flow (ft³/s)
338.00	0.00	0.00	0.00
338.05	0.00	0.00	0.00
338.10	0.00	0.00	0.00
338.15	0.00	0.00	0.00
338.20	0.00	0.00	0.00
338.25	0.00	0.00	0.00
338.30	0.00	0.00	0.00
338.35	0.00	0.00	0.00
338.40	0.00	0.00	0.00
338.45	0.00	0.00	0.00
338.50	0.11	0.00	0.11
338.55	0.74	0.00	0.74
338.60	1.66	0.00	1.66
338.65	2.80	0.00	2.80
338.70	3.74	0.00	3.74
338.75	3.85	0.00	3.85
338.80	3.95	0.00	3.95
338.85	4.06	0.00	4.06
338.90	4.16	0.00	4.16
338.95	4.26	0.00	4.26
339.00	4.35	0.00	4.35
339.05	4.44	0.00	4.44
339.10	4.53	0.00	4.53
339.15	4.62	0.00	4.62
339.20	4.71	0.00	4.71
339.25	4.79	0.00	4.79
339.30	4.88	0.00	4.88
339.35	4.96	0.00	4.96
339.40	5.04	0.00	5.04
339.45	5.12	0.00	5.12
339.50	5.20	0.00	5.20
339.55	5.28	0.00	5.28
339.60	5.36	0.00	5.36
339.65	5.43	0.00	5.43
339.70	5.50	0.00	5.50
339.75	5.58	0.00	5.58
339.80	5.65	0.00	5.65
339.85	5.72	0.00	5.72
339.90	5.79	0.00	5.79
339.95	5.86	0.00	5.86
340.00	5.93	0.00	5.93
340.05	6.00	0.00	6.00

Existing Hydrologic Calculations

Subsection: Multiple Outfall Rating Curves
Return Event: 10 years
Label: POND 1B (IN)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Total Pond Outflow Curve for Multiple Outfalls

Headwater Elevation (ft)	Outfall: Pipe 1B (ft³/s)	Outfall: Driveway (ft³/s)	Total Flow (ft³/s)
340.10	6.07	0.00	6.07
340.15	6.13	0.00	6.13
340.20	6.20	0.00	6.20
340.25	6.26	0.00	6.26
340.30	6.33	0.00	6.33
340.35	6.39	0.00	6.39
340.40	6.46	0.00	6.46
340.45	6.52	0.00	6.52
340.50	6.58	0.00	6.58
340.55	6.64	0.00	6.64
340.60	6.71	0.00	6.71
340.65	6.77	0.00	6.77
340.70	6.82	0.00	6.82
340.75	6.88	0.00	6.88
340.80	6.94	0.00	6.94
340.85	7.00	0.00	7.00
340.90	7.06	0.00	7.06
340.95	7.12	0.00	7.12
341.00	7.17	0.00	7.17
341.05	7.23	0.00	7.23
341.10	7.29	0.00	7.29
341.15	7.34	0.00	7.34
341.20	7.40	0.00	7.40
341.25	7.45	0.00	7.45
341.30	7.51	0.00	7.51
341.35	7.56	0.00	7.56
341.40	7.61	0.00	7.61
341.45	7.67	0.00	7.67
341.50	7.72	0.00	7.72
341.55	7.77	0.00	7.77
341.60	7.82	0.00	7.82
341.65	7.88	0.00	7.88
341.70	7.93	0.00	7.93
341.75	7.98	0.00	7.98
341.80	8.03	0.00	8.03
341.85	8.08	0.00	8.08
341.90	8.13	0.00	8.13
341.95	8.18	0.00	8.18
342.00	8.23	0.00	8.23
342.05	8.28	0.44	8.72
342.10	8.33	1.50	9.82
342.15	8.38	3.19	11.57

Existing Hydrologic Calculations

Subsection: Multiple Outfall Rating Curves
Return Event: 100 years
Label: POND 1B (IN)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Total Pond Outflow Curve for Multiple Outfalls

Headwater Elevation (ft)	Outfall: Pipe 1B (ft³/s)	Outfall: Driveway (ft³/s)	Total Flow (ft³/s)
338.00	0.00	0.00	0.00
338.05	0.00	0.00	0.00
338.10	0.00	0.00	0.00
338.15	0.00	0.00	0.00
338.20	0.00	0.00	0.00
338.25	0.00	0.00	0.00
338.30	0.00	0.00	0.00
338.35	0.00	0.00	0.00
338.40	0.00	0.00	0.00
338.45	0.00	0.00	0.00
338.50	0.11	0.00	0.11
338.55	0.74	0.00	0.74
338.60	1.66	0.00	1.66
338.65	2.80	0.00	2.80
338.70	3.74	0.00	3.74
338.75	3.85	0.00	3.85
338.80	3.95	0.00	3.95
338.85	4.06	0.00	4.06
338.90	4.16	0.00	4.16
338.95	4.26	0.00	4.26
339.00	4.35	0.00	4.35
339.05	4.44	0.00	4.44
339.10	4.53	0.00	4.53
339.15	4.62	0.00	4.62
339.20	4.71	0.00	4.71
339.25	4.79	0.00	4.79
339.30	4.88	0.00	4.88
339.35	4.96	0.00	4.96
339.40	5.04	0.00	5.04
339.45	5.12	0.00	5.12
339.50	5.20	0.00	5.20
339.55	5.28	0.00	5.28
339.60	5.36	0.00	5.36
339.65	5.43	0.00	5.43
339.70	5.50	0.00	5.50
339.75	5.58	0.00	5.58
339.80	5.65	0.00	5.65
339.85	5.72	0.00	5.72
339.90	5.79	0.00	5.79
339.95	5.86	0.00	5.86
340.00	5.93	0.00	5.93
340.05	6.00	0.00	6.00

Existing Hydrologic Calculations

Subsection: Multiple Outfall Rating Curves
Return Event: 100 years
Label: POND 1B (IN)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Total Pond Outflow Curve for Multiple Outfalls

Headwater Elevation (ft)	Outfall: Pipe 1B (ft³/s)	Outfall: Driveway (ft³/s)	Total Flow (ft³/s)
340.10	6.07	0.00	6.07
340.15	6.13	0.00	6.13
340.20	6.20	0.00	6.20
340.25	6.26	0.00	6.26
340.30	6.33	0.00	6.33
340.35	6.39	0.00	6.39
340.40	6.46	0.00	6.46
340.45	6.52	0.00	6.52
340.50	6.58	0.00	6.58
340.55	6.64	0.00	6.64
340.60	6.71	0.00	6.71
340.65	6.77	0.00	6.77
340.70	6.82	0.00	6.82
340.75	6.88	0.00	6.88
340.80	6.94	0.00	6.94
340.85	7.00	0.00	7.00
340.90	7.06	0.00	7.06
340.95	7.12	0.00	7.12
341.00	7.17	0.00	7.17
341.05	7.23	0.00	7.23
341.10	7.29	0.00	7.29
341.15	7.34	0.00	7.34
341.20	7.40	0.00	7.40
341.25	7.45	0.00	7.45
341.30	7.51	0.00	7.51
341.35	7.56	0.00	7.56
341.40	7.61	0.00	7.61
341.45	7.67	0.00	7.67
341.50	7.72	0.00	7.72
341.55	7.77	0.00	7.77
341.60	7.82	0.00	7.82
341.65	7.88	0.00	7.88
341.70	7.93	0.00	7.93
341.75	7.98	0.00	7.98
341.80	8.03	0.00	8.03
341.85	8.08	0.00	8.08
341.90	8.13	0.00	8.13
341.95	8.18	0.00	8.18
342.00	8.23	0.00	8.23
342.05	8.28	0.44	8.72
342.10	8.33	1.50	9.82
342.15	8.38	3.19	11.57

Existing Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) | Return Event: 1 years
Label: POND 1A | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	364.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
364.00	0.00	0.000	0.180	0.00	0.00	0.00
364.10	0.00	831.980	0.203	0.00	0.00	9.24
364.20	0.00	1,767.572	0.227	0.00	0.00	19.64
364.30	0.00	2,812.857	0.253	0.00	0.00	31.25
364.40	0.00	3,973.917	0.280	0.00	0.00	44.15
364.50	0.00	5,256.831	0.309	0.00	0.00	58.41
364.60	0.00	6,667.681	0.339	0.00	0.00	74.09
364.70	0.00	8,212.546	0.371	0.00	0.00	91.25
364.80	1.15	9,826.446	0.371	0.00	1.15	110.33
364.90	3.62	11,440.346	0.371	0.00	3.62	130.73
365.00	7.32	13,054.246	0.371	0.00	7.32	152.37
365.10	12.32	14,668.146	0.371	0.00	12.32	175.30
365.20	18.68	16,282.046	0.371	0.00	18.68	199.59
365.25	22.39	17,088.996	0.371	0.00	22.39	212.27

Subsection: Elevation-Volume-Flow Table (Pond) | Return Event: 10 years
Label: POND 1A | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	364.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s

Existing Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond)
Label: POND 1A
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Return Event: 10 years
Storm Event: TypeIII 24hr (5.1 in)

Initial Conditions	
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
364.00	0.00	0.000	0.180	0.00	0.00	0.00
364.10	0.00	831.980	0.203	0.00	0.00	9.24
364.20	0.00	1,767.572	0.227	0.00	0.00	19.64
364.30	0.00	2,812.857	0.253	0.00	0.00	31.25
364.40	0.00	3,973.917	0.280	0.00	0.00	44.15
364.50	0.00	5,256.831	0.309	0.00	0.00	58.41
364.60	0.00	6,667.681	0.339	0.00	0.00	74.09
364.70	0.00	8,212.546	0.371	0.00	0.00	91.25
364.80	1.15	9,826.446	0.371	0.00	1.15	110.33
364.90	3.62	11,440.346	0.371	0.00	3.62	130.73
365.00	7.32	13,054.246	0.371	0.00	7.32	152.37
365.10	12.32	14,668.146	0.371	0.00	12.32	175.30
365.20	18.68	16,282.046	0.371	0.00	18.68	199.59
365.25	22.39	17,088.996	0.371	0.00	22.39	212.27

Subsection: Elevation-Volume-Flow Table (Pond)
Label: POND 1A
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Return Event: 100 years
Storm Event: TypeIII 24hr (9.3 in)

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	364.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)

Existing Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) — Return Event: 100 years
Label: POND 1A — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
364.00	0.00	0.000	0.180	0.00	0.00	0.00
364.10	0.00	831.980	0.203	0.00	0.00	9.24
364.20	0.00	1,767.572	0.227	0.00	0.00	19.64
364.30	0.00	2,812.857	0.253	0.00	0.00	31.25
364.40	0.00	3,973.917	0.280	0.00	0.00	44.15
364.50	0.00	5,256.831	0.309	0.00	0.00	58.41
364.60	0.00	6,667.681	0.339	0.00	0.00	74.09
364.70	0.00	8,212.546	0.371	0.00	0.00	91.25
364.80	1.15	9,826.446	0.371	0.00	1.15	110.33
364.90	3.62	11,440.346	0.371	0.00	3.62	130.73
365.00	7.32	13,054.246	0.371	0.00	7.32	152.37
365.10	12.32	14,668.146	0.371	0.00	12.32	175.30
365.20	18.68	16,282.046	0.371	0.00	18.68	199.59
365.25	22.39	17,088.996	0.371	0.00	22.39	212.27

Subsection: Level Pool Pond Routing Summary — Return Event: 1 years
Label: POND 1A (IN) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	364.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	1.01 ft³/s	Time to Peak (Flow, In)	12.200 hours
Flow (Peak Outlet)	0.00 ft³/s	Time to Peak (Flow, Outlet)	0.000 hours

Elevation (Water Surface, Peak)	364.50 ft
Volume (Peak)	5,240.626 ft³

Mass Balance (ft³)

Existing Hydrologic Calculations

Subsection: Level Pool Pond Routing Summary — Return Event: 1 years
Label: POND 1A (IN) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Volume (Initial)	0.000 ft³
Volume (Total Inflow)	5,241.000 ft³
Volume (Total Infiltration)	0.000 ft³
Volume (Total Outlet Outflow)	0.000 ft³
Volume (Retained)	5,241.000 ft³
Volume (Unrouted)	-1.000 ft³
Error (Mass Balance)	0.0 %

Subsection: Level Pool Pond Routing Summary — Return Event: 10 years
Label: POND 1A (IN) — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	364.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	4.53 ft³/s	Time to Peak (Flow, In)	12.200 hours
Flow (Peak Outlet)	0.83 ft³/s	Time to Peak (Flow, Outlet)	12.950 hours

Elevation (Water Surface, Peak)	364.77 ft
Volume (Peak)	9,377.808 ft³

Mass Balance (ft³)	
Volume (Initial)	0.000 ft³
Volume (Total Inflow)	19,440.000 ft³
Volume (Total Infiltration)	0.000 ft³
Volume (Total Outlet Outflow)	11,228.000 ft³
Volume (Retained)	8,213.000 ft³
Volume (Unrouted)	0.000 ft³
Error (Mass Balance)	0.0 %

Existing Hydrologic Calculations

Subsection: Level Pool Pond Routing Summary — Return Event: 100 years
Label: POND 1A (IN) — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	364.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	12.16 ft³/s	Time to Peak (Flow, In)	12.200 hours
Flow (Peak Outlet)	10.28 ft³/s	Time to Peak (Flow, Outlet)	12.300 hours

Elevation (Water Surface, Peak)	365.06 ft
Volume (Peak)	14,009.731 ft³

Mass Balance (ft³)	
Volume (Initial)	0.000 ft³
Volume (Total Inflow)	51,667.000 ft³
Volume (Total Infiltration)	0.000 ft³
Volume (Total Outlet Outflow)	43,454.000 ft³
Volume (Retained)	8,213.000 ft³
Volume (Unrouted)	0.000 ft³
Error (Mass Balance)	0.0 %

Subsection: Pond Routing Calculations (Total Out) — Return Event: 1 years
Label: POND 1A (OUT) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
2.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
4.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
6.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
8.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
10.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
10.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
11.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
11.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
11.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
11.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
11.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
11.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
11.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
11.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
11.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
11.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
11.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
11.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
11.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
11.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
11.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
11.750	0.01	0.01	0.01	0.00	0.00	0.000	364.00
11.800	0.02	0.03	0.03	0.00	0.00	3.000	364.00
11.850	0.05	0.10	0.10	0.00	0.00	9.000	364.00
11.900	0.09	0.24	0.24	0.00	0.00	20.000	364.00
11.950	0.16	0.49	0.49	0.00	0.00	42.000	364.01
12.000	0.29	0.95	0.95	0.00	0.00	81.000	364.01
12.050	0.48	1.72	1.72	0.00	0.00	147.000	364.02
12.100	0.71	2.91	2.91	0.00	0.00	251.000	364.03
12.150	0.91	4.53	4.53	0.00	0.00	395.000	364.05
12.200	1.01	6.46	6.46	0.00	0.00	571.000	364.07
12.250	1.01	8.48	8.48	0.00	0.00	759.000	364.09
12.300	0.94	10.43	10.43	0.00	0.00	933.000	364.11
12.350	0.87	12.25	12.25	0.00	0.00	1,091.000	364.13
12.400	0.80	13.92	13.92	0.00	0.00	1,239.000	364.14
12.450	0.73	15.45	15.45	0.00	0.00	1,377.000	364.16
12.500	0.65	16.82	16.82	0.00	0.00	1,503.000	364.17
12.550	0.56	18.03	18.03	0.00	0.00	1,616.000	364.18
12.600	0.49	19.08	19.08	0.00	0.00	1,715.000	364.19
12.650	0.42	19.99	19.99	0.00	0.00	1,797.000	364.20
12.700	0.37	20.78	20.78	0.00	0.00	1,865.000	364.21
12.750	0.33	21.47	21.47	0.00	0.00	1,925.000	364.22

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
12.800	0.30	22.10	22.10	0.00	0.00	1,980.000	364.22
12.850	0.28	22.69	22.69	0.00	0.00	2,031.000	364.23
12.900	0.27	23.24	23.24	0.00	0.00	2,080.000	364.23
12.950	0.25	23.77	23.77	0.00	0.00	2,126.000	364.24
13.000	0.24	24.26	24.26	0.00	0.00	2,170.000	364.24
13.050	0.23	24.74	24.74	0.00	0.00	2,212.000	364.24
13.100	0.22	25.19	25.19	0.00	0.00	2,253.000	364.25
13.150	0.21	25.62	25.62	0.00	0.00	2,292.000	364.25
13.200	0.21	26.04	26.04	0.00	0.00	2,329.000	364.26
13.250	0.20	26.44	26.44	0.00	0.00	2,366.000	364.26
13.300	0.20	26.84	26.84	0.00	0.00	2,402.000	364.26
13.350	0.19	27.23	27.23	0.00	0.00	2,438.000	364.27
13.400	0.19	27.61	27.61	0.00	0.00	2,473.000	364.27
13.450	0.19	27.99	27.99	0.00	0.00	2,508.000	364.27
13.500	0.19	28.37	28.37	0.00	0.00	2,542.000	364.28
13.550	0.18	28.73	28.73	0.00	0.00	2,576.000	364.28
13.600	0.18	29.10	29.10	0.00	0.00	2,610.000	364.28
13.650	0.18	29.45	29.45	0.00	0.00	2,643.000	364.28
13.700	0.17	29.80	29.80	0.00	0.00	2,676.000	364.29
13.750	0.17	30.15	30.15	0.00	0.00	2,709.000	364.29
13.800	0.17	30.49	30.49	0.00	0.00	2,741.000	364.29
13.850	0.17	30.83	30.83	0.00	0.00	2,772.000	364.30
13.900	0.16	31.16	31.16	0.00	0.00	2,804.000	364.30
13.950	0.16	31.48	31.48	0.00	0.00	2,832.000	364.30
14.000	0.16	31.80	31.80	0.00	0.00	2,860.000	364.30
14.050	0.15	32.11	32.11	0.00	0.00	2,886.000	364.31
14.100	0.15	32.42	32.42	0.00	0.00	2,913.000	364.31
14.150	0.15	32.72	32.72	0.00	0.00	2,939.000	364.31
14.200	0.15	33.02	33.02	0.00	0.00	2,965.000	364.31
14.250	0.15	33.31	33.31	0.00	0.00	2,990.000	364.32
14.300	0.14	33.60	33.60	0.00	0.00	3,015.000	364.32
14.350	0.14	33.89	33.89	0.00	0.00	3,040.000	364.32
14.400	0.14	34.17	34.17	0.00	0.00	3,065.000	364.32
14.450	0.14	34.45	34.45	0.00	0.00	3,090.000	364.32
14.500	0.14	34.73	34.73	0.00	0.00	3,114.000	364.33
14.550	0.14	35.01	35.01	0.00	0.00	3,138.000	364.33
14.600	0.14	35.28	35.28	0.00	0.00	3,162.000	364.33
14.650	0.13	35.55	35.55	0.00	0.00	3,186.000	364.33
14.700	0.13	35.82	35.82	0.00	0.00	3,210.000	364.34
14.750	0.13	36.08	36.08	0.00	0.00	3,233.000	364.34
14.800	0.13	36.34	36.34	0.00	0.00	3,257.000	364.34
14.850	0.13	36.60	36.60	0.00	0.00	3,280.000	364.34

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
14.900	0.13	36.86	36.86	0.00	0.00	3,303.000	364.34
14.950	0.13	37.11	37.11	0.00	0.00	3,325.000	364.35
15.000	0.12	37.36	37.36	0.00	0.00	3,348.000	364.35
15.050	0.12	37.61	37.61	0.00	0.00	3,370.000	364.35
15.100	0.12	37.85	37.85	0.00	0.00	3,392.000	364.35
15.150	0.12	38.09	38.09	0.00	0.00	3,413.000	364.35
15.200	0.12	38.33	38.33	0.00	0.00	3,435.000	364.35
15.250	0.12	38.56	38.56	0.00	0.00	3,456.000	364.36
15.300	0.11	38.80	38.80	0.00	0.00	3,477.000	364.36
15.350	0.11	39.02	39.02	0.00	0.00	3,498.000	364.36
15.400	0.11	39.25	39.25	0.00	0.00	3,518.000	364.36
15.450	0.11	39.47	39.47	0.00	0.00	3,539.000	364.36
15.500	0.11	39.69	39.69	0.00	0.00	3,559.000	364.37
15.550	0.11	39.91	39.91	0.00	0.00	3,578.000	364.37
15.600	0.11	40.12	40.12	0.00	0.00	3,598.000	364.37
15.650	0.10	40.33	40.33	0.00	0.00	3,617.000	364.37
15.700	0.10	40.53	40.53	0.00	0.00	3,636.000	364.37
15.750	0.10	40.74	40.74	0.00	0.00	3,655.000	364.37
15.800	0.10	40.93	40.93	0.00	0.00	3,673.000	364.38
15.850	0.10	41.13	41.13	0.00	0.00	3,691.000	364.38
15.900	0.10	41.32	41.32	0.00	0.00	3,709.000	364.38
15.950	0.09	41.51	41.51	0.00	0.00	3,726.000	364.38
16.000	0.09	41.70	41.70	0.00	0.00	3,743.000	364.38
16.050	0.09	41.88	41.88	0.00	0.00	3,760.000	364.38
16.100	0.09	42.06	42.06	0.00	0.00	3,777.000	364.38
16.150	0.09	42.23	42.23	0.00	0.00	3,793.000	364.39
16.200	0.09	42.41	42.41	0.00	0.00	3,810.000	364.39
16.250	0.08	42.58	42.58	0.00	0.00	3,826.000	364.39
16.300	0.08	42.75	42.75	0.00	0.00	3,841.000	364.39
16.350	0.08	42.91	42.91	0.00	0.00	3,857.000	364.39
16.400	0.08	43.08	43.08	0.00	0.00	3,873.000	364.39
16.450	0.08	43.24	43.24	0.00	0.00	3,888.000	364.39
16.500	0.08	43.41	43.41	0.00	0.00	3,903.000	364.39
16.550	0.08	43.57	43.57	0.00	0.00	3,918.000	364.40
16.600	0.08	43.73	43.73	0.00	0.00	3,933.000	364.40
16.650	0.08	43.88	43.88	0.00	0.00	3,948.000	364.40
16.700	0.08	44.04	44.04	0.00	0.00	3,963.000	364.40
16.750	0.08	44.20	44.20	0.00	0.00	3,977.000	364.40
16.800	0.08	44.35	44.35	0.00	0.00	3,991.000	364.40
16.850	0.08	44.50	44.50	0.00	0.00	4,004.000	364.40
16.900	0.08	44.65	44.65	0.00	0.00	4,017.000	364.40
16.950	0.07	44.80	44.80	0.00	0.00	4,029.000	364.40

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
17.000	0.07	44.95	44.95	0.00	0.00	4,042.000	364.41
17.050	0.07	45.10	45.10	0.00	0.00	4,055.000	364.41
17.100	0.07	45.24	45.24	0.00	0.00	4,067.000	364.41
17.150	0.07	45.38	45.38	0.00	0.00	4,080.000	364.41
17.200	0.07	45.53	45.53	0.00	0.00	4,092.000	364.41
17.250	0.07	45.67	45.67	0.00	0.00	4,104.000	364.41
17.300	0.07	45.80	45.80	0.00	0.00	4,116.000	364.41
17.350	0.07	45.94	45.94	0.00	0.00	4,128.000	364.41
17.400	0.07	46.08	46.08	0.00	0.00	4,140.000	364.41
17.450	0.07	46.21	46.21	0.00	0.00	4,151.000	364.41
17.500	0.07	46.34	46.34	0.00	0.00	4,163.000	364.42
17.550	0.07	46.47	46.47	0.00	0.00	4,174.000	364.42
17.600	0.06	46.60	46.60	0.00	0.00	4,185.000	364.42
17.650	0.06	46.73	46.73	0.00	0.00	4,197.000	364.42
17.700	0.06	46.86	46.86	0.00	0.00	4,208.000	364.42
17.750	0.06	46.98	46.98	0.00	0.00	4,219.000	364.42
17.800	0.06	47.11	47.11	0.00	0.00	4,229.000	364.42
17.850	0.06	47.23	47.23	0.00	0.00	4,240.000	364.42
17.900	0.06	47.35	47.35	0.00	0.00	4,250.000	364.42
17.950	0.06	47.46	47.46	0.00	0.00	4,261.000	364.42
18.000	0.06	47.58	47.58	0.00	0.00	4,271.000	364.42
18.050	0.06	47.70	47.70	0.00	0.00	4,281.000	364.42
18.100	0.06	47.81	47.81	0.00	0.00	4,291.000	364.43
18.150	0.06	47.92	47.92	0.00	0.00	4,301.000	364.43
18.200	0.06	48.03	48.03	0.00	0.00	4,311.000	364.43
18.250	0.05	48.14	48.14	0.00	0.00	4,320.000	364.43
18.300	0.05	48.25	48.25	0.00	0.00	4,330.000	364.43
18.350	0.05	48.36	48.36	0.00	0.00	4,340.000	364.43
18.400	0.05	48.47	48.47	0.00	0.00	4,349.000	364.43
18.450	0.05	48.58	48.58	0.00	0.00	4,359.000	364.43
18.500	0.05	48.68	48.68	0.00	0.00	4,368.000	364.43
18.550	0.05	48.79	48.79	0.00	0.00	4,378.000	364.43
18.600	0.05	48.90	48.90	0.00	0.00	4,387.000	364.43
18.650	0.05	49.00	49.00	0.00	0.00	4,396.000	364.43
18.700	0.05	49.11	49.11	0.00	0.00	4,406.000	364.43
18.750	0.05	49.21	49.21	0.00	0.00	4,415.000	364.44
18.800	0.05	49.32	49.32	0.00	0.00	4,424.000	364.44
18.850	0.05	49.42	49.42	0.00	0.00	4,434.000	364.44
18.900	0.05	49.53	49.53	0.00	0.00	4,443.000	364.44
18.950	0.05	49.63	49.63	0.00	0.00	4,452.000	364.44
19.000	0.05	49.73	49.73	0.00	0.00	4,461.000	364.44
19.050	0.05	49.84	49.84	0.00	0.00	4,470.000	364.44

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
19.100	0.05	49.94	49.94	0.00	0.00	4,479.000	364.44
19.150	0.05	50.04	50.04	0.00	0.00	4,488.000	364.44
19.200	0.05	50.14	50.14	0.00	0.00	4,497.000	364.44
19.250	0.05	50.24	50.24	0.00	0.00	4,506.000	364.44
19.300	0.05	50.34	50.34	0.00	0.00	4,515.000	364.44
19.350	0.05	50.44	50.44	0.00	0.00	4,524.000	364.44
19.400	0.05	50.54	50.54	0.00	0.00	4,533.000	364.44
19.450	0.05	50.64	50.64	0.00	0.00	4,542.000	364.45
19.500	0.05	50.74	50.74	0.00	0.00	4,551.000	364.45
19.550	0.05	50.84	50.84	0.00	0.00	4,560.000	364.45
19.600	0.05	50.93	50.93	0.00	0.00	4,568.000	364.45
19.650	0.05	51.03	51.03	0.00	0.00	4,577.000	364.45
19.700	0.05	51.13	51.13	0.00	0.00	4,586.000	364.45
19.750	0.05	51.22	51.22	0.00	0.00	4,594.000	364.45
19.800	0.05	51.32	51.32	0.00	0.00	4,603.000	364.45
19.850	0.05	51.41	51.41	0.00	0.00	4,612.000	364.45
19.900	0.05	51.51	51.51	0.00	0.00	4,620.000	364.45
19.950	0.05	51.60	51.60	0.00	0.00	4,629.000	364.45
20.000	0.05	51.70	51.70	0.00	0.00	4,637.000	364.45
20.050	0.05	51.79	51.79	0.00	0.00	4,645.000	364.45
20.100	0.05	51.88	51.88	0.00	0.00	4,654.000	364.45
20.150	0.05	51.97	51.97	0.00	0.00	4,662.000	364.45
20.200	0.05	52.07	52.07	0.00	0.00	4,671.000	364.46
20.250	0.05	52.16	52.16	0.00	0.00	4,679.000	364.46
20.300	0.05	52.25	52.25	0.00	0.00	4,687.000	364.46
20.350	0.05	52.34	52.34	0.00	0.00	4,695.000	364.46
20.400	0.05	52.43	52.43	0.00	0.00	4,704.000	364.46
20.450	0.04	52.52	52.52	0.00	0.00	4,712.000	364.46
20.500	0.04	52.61	52.61	0.00	0.00	4,720.000	364.46
20.550	0.04	52.70	52.70	0.00	0.00	4,728.000	364.46
20.600	0.04	52.79	52.79	0.00	0.00	4,736.000	364.46
20.650	0.04	52.88	52.88	0.00	0.00	4,744.000	364.46
20.700	0.04	52.97	52.97	0.00	0.00	4,752.000	364.46
20.750	0.04	53.05	53.05	0.00	0.00	4,760.000	364.46
20.800	0.04	53.14	53.14	0.00	0.00	4,768.000	364.46
20.850	0.04	53.23	53.23	0.00	0.00	4,776.000	364.46
20.900	0.04	53.32	53.32	0.00	0.00	4,784.000	364.46
20.950	0.04	53.40	53.40	0.00	0.00	4,792.000	364.46
21.000	0.04	53.49	53.49	0.00	0.00	4,800.000	364.47
21.050	0.04	53.57	53.57	0.00	0.00	4,808.000	364.47
21.100	0.04	53.66	53.66	0.00	0.00	4,816.000	364.47
21.150	0.04	53.75	53.75	0.00	0.00	4,823.000	364.47

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
21.200	0.04	53.83	53.83	0.00	0.00	4,831.000	364.47
21.250	0.04	53.91	53.91	0.00	0.00	4,839.000	364.47
21.300	0.04	54.00	54.00	0.00	0.00	4,847.000	364.47
21.350	0.04	54.08	54.08	0.00	0.00	4,854.000	364.47
21.400	0.04	54.17	54.17	0.00	0.00	4,862.000	364.47
21.450	0.04	54.25	54.25	0.00	0.00	4,870.000	364.47
21.500	0.04	54.33	54.33	0.00	0.00	4,877.000	364.47
21.550	0.04	54.41	54.41	0.00	0.00	4,885.000	364.47
21.600	0.04	54.50	54.50	0.00	0.00	4,892.000	364.47
21.650	0.04	54.58	54.58	0.00	0.00	4,900.000	364.47
21.700	0.04	54.66	54.66	0.00	0.00	4,907.000	364.47
21.750	0.04	54.74	54.74	0.00	0.00	4,915.000	364.47
21.800	0.04	54.82	54.82	0.00	0.00	4,922.000	364.47
21.850	0.04	54.90	54.90	0.00	0.00	4,929.000	364.48
21.900	0.04	54.98	54.98	0.00	0.00	4,937.000	364.48
21.950	0.04	55.06	55.06	0.00	0.00	4,944.000	364.48
22.000	0.04	55.14	55.14	0.00	0.00	4,951.000	364.48
22.050	0.04	55.22	55.22	0.00	0.00	4,959.000	364.48
22.100	0.04	55.30	55.30	0.00	0.00	4,966.000	364.48
22.150	0.04	55.37	55.37	0.00	0.00	4,973.000	364.48
22.200	0.04	55.45	55.45	0.00	0.00	4,980.000	364.48
22.250	0.04	55.53	55.53	0.00	0.00	4,988.000	364.48
22.300	0.04	55.61	55.61	0.00	0.00	4,995.000	364.48
22.350	0.04	55.68	55.68	0.00	0.00	5,002.000	364.48
22.400	0.04	55.76	55.76	0.00	0.00	5,009.000	364.48
22.450	0.04	55.83	55.83	0.00	0.00	5,016.000	364.48
22.500	0.04	55.91	55.91	0.00	0.00	5,023.000	364.48
22.550	0.04	55.99	55.99	0.00	0.00	5,030.000	364.48
22.600	0.04	56.06	56.06	0.00	0.00	5,037.000	364.48
22.650	0.04	56.13	56.13	0.00	0.00	5,044.000	364.48
22.700	0.04	56.21	56.21	0.00	0.00	5,051.000	364.48
22.750	0.04	56.28	56.28	0.00	0.00	5,057.000	364.49
22.800	0.04	56.36	56.36	0.00	0.00	5,064.000	364.49
22.850	0.04	56.43	56.43	0.00	0.00	5,071.000	364.49
22.900	0.04	56.50	56.50	0.00	0.00	5,078.000	364.49
22.950	0.04	56.57	56.57	0.00	0.00	5,084.000	364.49
23.000	0.04	56.64	56.64	0.00	0.00	5,091.000	364.49
23.050	0.04	56.72	56.72	0.00	0.00	5,098.000	364.49
23.100	0.04	56.79	56.79	0.00	0.00	5,104.000	364.49
23.150	0.04	56.86	56.86	0.00	0.00	5,111.000	364.49
23.200	0.03	56.93	56.93	0.00	0.00	5,118.000	364.49
23.250	0.03	57.00	57.00	0.00	0.00	5,124.000	364.49

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
23.300	0.03	57.07	57.07	0.00	0.00	5,131.000	364.49
23.350	0.03	57.13	57.13	0.00	0.00	5,137.000	364.49
23.400	0.03	57.20	57.20	0.00	0.00	5,143.000	364.49
23.450	0.03	57.27	57.27	0.00	0.00	5,150.000	364.49
23.500	0.03	57.34	57.34	0.00	0.00	5,156.000	364.49
23.550	0.03	57.41	57.41	0.00	0.00	5,163.000	364.49
23.600	0.03	57.47	57.47	0.00	0.00	5,169.000	364.49
23.650	0.03	57.54	57.54	0.00	0.00	5,175.000	364.49
23.700	0.03	57.61	57.61	0.00	0.00	5,181.000	364.49
23.750	0.03	57.67	57.67	0.00	0.00	5,188.000	364.49
23.800	0.03	57.74	57.74	0.00	0.00	5,194.000	364.50
23.850	0.03	57.80	57.80	0.00	0.00	5,200.000	364.50
23.900	0.03	57.87	57.87	0.00	0.00	5,206.000	364.50
23.950	0.03	57.93	57.93	0.00	0.00	5,212.000	364.50
24.000	0.03	58.00	58.00	0.00	0.00	5,218.000	364.50
24.050	0.03	58.06	58.06	0.00	0.00	5,224.000	364.50
24.100	0.03	58.12	58.12	0.00	0.00	5,229.000	364.50
24.150	0.02	58.16	58.16	0.00	0.00	5,233.000	364.50
24.200	0.01	58.19	58.19	0.00	0.00	5,236.000	364.50
24.250	0.01	58.21	58.21	0.00	0.00	5,238.000	364.50
24.300	0.00	58.22	58.22	0.00	0.00	5,239.000	364.50
24.350	0.00	58.23	58.23	0.00	0.00	5,240.000	364.50
24.400	0.00	58.23	58.23	0.00	0.00	5,240.000	364.50
24.450	0.00	58.23	58.23	0.00	0.00	5,240.000	364.50
24.500	0.00	58.24	58.24	0.00	0.00	5,240.000	364.50
24.550	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
24.600	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
24.650	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
24.700	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
24.750	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
24.800	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
24.850	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
24.900	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
24.950	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.000	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.050	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.100	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.150	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.200	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.250	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.300	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.350	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
25.400	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.450	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.500	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.550	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.600	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.650	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.700	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.750	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.800	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.850	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.900	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
25.950	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.000	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.050	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.100	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.150	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.200	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.250	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.300	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.350	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.400	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.450	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.500	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.550	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.600	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.650	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.700	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.750	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.800	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.850	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.900	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
26.950	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.000	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.050	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.100	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.150	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.200	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.250	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.300	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.350	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.400	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.450	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
27.500	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.550	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.600	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.650	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.700	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.750	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.800	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.850	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.900	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
27.950	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.000	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.050	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.100	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.150	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.200	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.250	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.300	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.350	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.400	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.450	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.500	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.550	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.600	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.650	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.700	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.750	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.800	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.850	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.900	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
28.950	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.000	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.050	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.100	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.150	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.200	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.250	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.300	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.350	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.400	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.450	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.500	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.550	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
29.600	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.650	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.700	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.750	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.800	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.850	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.900	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
29.950	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.000	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.050	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.100	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.150	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.200	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.250	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.300	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.350	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.400	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.450	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.500	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.550	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.600	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.650	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.700	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.750	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.800	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.850	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.900	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
30.950	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.000	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.050	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.100	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.150	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.200	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.250	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.300	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.350	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.400	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.450	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.500	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.550	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.600	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.650	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
31.700	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.750	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.800	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.850	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.900	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
31.950	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.000	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.050	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.100	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.150	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.200	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.250	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.300	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.350	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.400	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.450	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.500	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.550	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.600	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.650	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.700	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.750	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.800	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.850	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.900	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
32.950	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.000	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.050	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.100	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.150	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.200	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.250	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.300	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.350	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.400	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.450	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.500	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.550	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.600	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.650	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.700	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.750	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
33.800	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.850	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.900	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
33.950	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.000	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.050	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.100	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.150	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.200	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.250	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.300	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.350	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.400	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.450	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.500	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.550	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.600	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.650	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.700	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.750	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.800	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.850	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.900	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
34.950	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50
35.000	0.00	58.24	58.24	0.00	0.00	5,241.000	364.50

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
2.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
4.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
6.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
8.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
8.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
9.900	0.00	0.01	0.01	0.00	0.00	0.000	364.00
9.950	0.01	0.02	0.02	0.00	0.00	1.000	364.00
10.000	0.01	0.03	0.03	0.00	0.00	2.000	364.00
10.050	0.01	0.05	0.05	0.00	0.00	4.000	364.00
10.100	0.01	0.08	0.08	0.00	0.00	6.000	364.00
10.150	0.02	0.11	0.11	0.00	0.00	9.000	364.00
10.200	0.02	0.15	0.15	0.00	0.00	13.000	364.00
10.250	0.03	0.20	0.20	0.00	0.00	17.000	364.00
10.300	0.03	0.26	0.26	0.00	0.00	22.000	364.00
10.350	0.04	0.32	0.32	0.00	0.00	27.000	364.00
10.400	0.04	0.40	0.40	0.00	0.00	34.000	364.00
10.450	0.05	0.49	0.49	0.00	0.00	41.000	364.01
10.500	0.05	0.58	0.58	0.00	0.00	49.000	364.01
10.550	0.06	0.69	0.69	0.00	0.00	59.000	364.01
10.600	0.06	0.81	0.81	0.00	0.00	69.000	364.01
10.650	0.07	0.94	0.94	0.00	0.00	80.000	364.01
10.700	0.08	1.08	1.08	0.00	0.00	92.000	364.01
10.750	0.08	1.24	1.24	0.00	0.00	106.000	364.01
10.800	0.09	1.41	1.41	0.00	0.00	121.000	364.02
10.850	0.10	1.60	1.60	0.00	0.00	136.000	364.02

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
10.900	0.10	1.79	1.79	0.00	0.00	154.000	364.02
10.950	0.11	2.01	2.01	0.00	0.00	172.000	364.02
11.000	0.12	2.24	2.24	0.00	0.00	192.000	364.02
11.050	0.13	2.48	2.48	0.00	0.00	213.000	364.03
11.100	0.14	2.74	2.74	0.00	0.00	237.000	364.03
11.150	0.15	3.03	3.03	0.00	0.00	261.000	364.03
11.200	0.16	3.33	3.33	0.00	0.00	289.000	364.04
11.250	0.18	3.67	3.67	0.00	0.00	318.000	364.04
11.300	0.19	4.04	4.04	0.00	0.00	351.000	364.04
11.350	0.21	4.44	4.44	0.00	0.00	387.000	364.05
11.400	0.23	4.88	4.88	0.00	0.00	427.000	364.05
11.450	0.25	5.36	5.36	0.00	0.00	470.000	364.06
11.500	0.28	5.89	5.89	0.00	0.00	518.000	364.06
11.550	0.30	6.47	6.47	0.00	0.00	572.000	364.07
11.600	0.35	7.13	7.13	0.00	0.00	632.000	364.08
11.650	0.42	7.90	7.90	0.00	0.00	704.000	364.09
11.700	0.52	8.84	8.84	0.00	0.00	793.000	364.10
11.750	0.66	10.03	10.03	0.00	0.00	899.000	364.11
11.800	0.84	11.53	11.53	0.00	0.00	1,029.000	364.12
11.850	1.05	13.42	13.42	0.00	0.00	1,195.000	364.14
11.900	1.30	15.77	15.77	0.00	0.00	1,407.000	364.16
11.950	1.66	18.73	18.73	0.00	0.00	1,681.000	364.19
12.000	2.23	22.62	22.62	0.00	0.00	2,025.000	364.23
12.050	3.02	27.86	27.86	0.00	0.00	2,496.000	364.27
12.100	3.83	34.70	34.70	0.00	0.00	3,112.000	364.33
12.150	4.40	42.93	42.93	0.00	0.00	3,858.000	364.39
12.200	4.53	51.85	51.85	0.00	0.00	4,651.000	364.45
12.250	4.23	60.61	60.61	0.00	0.00	5,447.000	364.51
12.300	3.79	68.63	68.63	0.00	0.00	6,162.000	364.57
12.350	3.35	75.77	75.77	0.00	0.00	6,813.000	364.61
12.400	2.98	82.09	82.09	0.00	0.00	7,371.000	364.65
12.450	2.63	87.70	87.70	0.00	0.00	7,881.000	364.68
12.500	2.29	92.45	92.61	0.00	0.08	8,328.000	364.71
12.550	1.96	96.04	96.69	0.00	0.33	8,673.000	364.73
12.600	1.66	98.65	99.66	0.00	0.51	8,924.000	364.74
12.650	1.41	100.47	101.73	0.00	0.63	9,099.000	364.75
12.700	1.22	101.68	103.11	0.00	0.71	9,215.000	364.76
12.750	1.09	102.46	103.99	0.00	0.77	9,290.000	364.77
12.800	0.99	102.94	104.54	0.00	0.80	9,336.000	364.77
12.850	0.92	103.21	104.85	0.00	0.82	9,363.000	364.77
12.900	0.86	103.35	105.00	0.00	0.83	9,375.000	364.77
12.950	0.82	103.37	105.03	0.00	0.83	9,378.000	364.77

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
13.000	0.77	103.31	104.96	0.00	0.82	9,372.000	364.77
13.050	0.73	103.19	104.82	0.00	0.82	9,360.000	364.77
13.100	0.70	103.01	104.62	0.00	0.80	9,343.000	364.77
13.150	0.67	102.80	104.38	0.00	0.79	9,323.000	364.77
13.200	0.65	102.57	104.12	0.00	0.77	9,301.000	364.77
13.250	0.63	102.33	103.84	0.00	0.76	9,278.000	364.77
13.300	0.61	102.09	103.57	0.00	0.74	9,255.000	364.76
13.350	0.60	101.86	103.31	0.00	0.73	9,232.000	364.76
13.400	0.59	101.63	103.05	0.00	0.71	9,211.000	364.76
13.450	0.58	101.41	102.80	0.00	0.69	9,190.000	364.76
13.500	0.57	101.21	102.57	0.00	0.68	9,170.000	364.76
13.550	0.56	101.01	102.34	0.00	0.67	9,151.000	364.76
13.600	0.55	100.81	102.12	0.00	0.65	9,132.000	364.76
13.650	0.54	100.63	101.91	0.00	0.64	9,114.000	364.76
13.700	0.53	100.45	101.71	0.00	0.63	9,097.000	364.75
13.750	0.52	100.27	101.51	0.00	0.62	9,080.000	364.75
13.800	0.52	100.10	101.31	0.00	0.61	9,064.000	364.75
13.850	0.51	99.94	101.12	0.00	0.59	9,048.000	364.75
13.900	0.50	99.77	100.94	0.00	0.58	9,032.000	364.75
13.950	0.49	99.61	100.75	0.00	0.57	9,016.000	364.75
14.000	0.48	99.45	100.57	0.00	0.56	9,001.000	364.75
14.050	0.47	99.30	100.40	0.00	0.55	8,986.000	364.75
14.100	0.46	99.14	100.22	0.00	0.54	8,971.000	364.75
14.150	0.45	98.99	100.05	0.00	0.53	8,957.000	364.75
14.200	0.44	98.84	99.88	0.00	0.52	8,943.000	364.75
14.250	0.44	98.70	99.72	0.00	0.51	8,929.000	364.74
14.300	0.43	98.57	99.57	0.00	0.50	8,916.000	364.74
14.350	0.43	98.44	99.43	0.00	0.49	8,904.000	364.74
14.400	0.42	98.32	99.29	0.00	0.48	8,892.000	364.74
14.450	0.42	98.21	99.16	0.00	0.48	8,881.000	364.74
14.500	0.41	98.10	99.03	0.00	0.47	8,871.000	364.74
14.550	0.41	97.99	98.91	0.00	0.46	8,861.000	364.74
14.600	0.40	97.89	98.80	0.00	0.45	8,851.000	364.74
14.650	0.40	97.80	98.69	0.00	0.45	8,842.000	364.74
14.700	0.39	97.70	98.59	0.00	0.44	8,833.000	364.74
14.750	0.39	97.61	98.48	0.00	0.44	8,824.000	364.74
14.800	0.38	97.53	98.38	0.00	0.43	8,816.000	364.74
14.850	0.38	97.44	98.29	0.00	0.42	8,808.000	364.74
14.900	0.37	97.36	98.19	0.00	0.42	8,800.000	364.74
14.950	0.37	97.27	98.10	0.00	0.41	8,792.000	364.74
15.000	0.36	97.19	98.01	0.00	0.41	8,784.000	364.74
15.050	0.36	97.11	97.92	0.00	0.40	8,776.000	364.73

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
15.100	0.35	97.04	97.83	0.00	0.40	8,769.000	364.73
15.150	0.35	96.96	97.74	0.00	0.39	8,761.000	364.73
15.200	0.34	96.88	97.65	0.00	0.39	8,754.000	364.73
15.250	0.34	96.81	97.57	0.00	0.38	8,747.000	364.73
15.300	0.33	96.73	97.48	0.00	0.37	8,739.000	364.73
15.350	0.33	96.66	97.39	0.00	0.37	8,732.000	364.73
15.400	0.32	96.58	97.31	0.00	0.36	8,725.000	364.73
15.450	0.32	96.51	97.22	0.00	0.36	8,718.000	364.73
15.500	0.31	96.43	97.14	0.00	0.35	8,711.000	364.73
15.550	0.31	96.36	97.06	0.00	0.35	8,704.000	364.73
15.600	0.30	96.28	96.97	0.00	0.34	8,696.000	364.73
15.650	0.30	96.21	96.89	0.00	0.34	8,689.000	364.73
15.700	0.29	96.13	96.80	0.00	0.33	8,682.000	364.73
15.750	0.29	96.06	96.72	0.00	0.33	8,675.000	364.73
15.800	0.28	95.99	96.63	0.00	0.32	8,668.000	364.73
15.850	0.28	95.91	96.55	0.00	0.32	8,661.000	364.73
15.900	0.27	95.84	96.46	0.00	0.31	8,654.000	364.73
15.950	0.27	95.76	96.38	0.00	0.31	8,646.000	364.73
16.000	0.26	95.69	96.29	0.00	0.30	8,639.000	364.73
16.050	0.26	95.61	96.21	0.00	0.30	8,632.000	364.73
16.100	0.25	95.54	96.13	0.00	0.29	8,625.000	364.73
16.150	0.25	95.47	96.04	0.00	0.29	8,618.000	364.73
16.200	0.25	95.39	95.96	0.00	0.28	8,611.000	364.72
16.250	0.24	95.33	95.88	0.00	0.28	8,604.000	364.72
16.300	0.24	95.26	95.81	0.00	0.27	8,598.000	364.72
16.350	0.24	95.20	95.74	0.00	0.27	8,592.000	364.72
16.400	0.24	95.14	95.67	0.00	0.27	8,586.000	364.72
16.450	0.23	95.08	95.61	0.00	0.26	8,581.000	364.72
16.500	0.23	95.03	95.54	0.00	0.26	8,576.000	364.72
16.550	0.23	94.98	95.49	0.00	0.25	8,571.000	364.72
16.600	0.23	94.93	95.43	0.00	0.25	8,566.000	364.72
16.650	0.22	94.88	95.38	0.00	0.25	8,562.000	364.72
16.700	0.22	94.84	95.33	0.00	0.25	8,557.000	364.72
16.750	0.22	94.79	95.28	0.00	0.24	8,553.000	364.72
16.800	0.22	94.75	95.23	0.00	0.24	8,549.000	364.72
16.850	0.21	94.71	95.18	0.00	0.24	8,545.000	364.72
16.900	0.21	94.67	95.14	0.00	0.23	8,541.000	364.72
16.950	0.21	94.63	95.09	0.00	0.23	8,537.000	364.72
17.000	0.21	94.59	95.05	0.00	0.23	8,534.000	364.72
17.050	0.21	94.55	95.00	0.00	0.23	8,530.000	364.72
17.100	0.20	94.52	94.96	0.00	0.22	8,526.000	364.72
17.150	0.20	94.48	94.92	0.00	0.22	8,523.000	364.72

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
17.200	0.20	94.44	94.88	0.00	0.22	8,519.000	364.72
17.250	0.20	94.41	94.84	0.00	0.22	8,516.000	364.72
17.300	0.19	94.37	94.80	0.00	0.21	8,513.000	364.72
17.350	0.19	94.34	94.76	0.00	0.21	8,509.000	364.72
17.400	0.19	94.30	94.72	0.00	0.21	8,506.000	364.72
17.450	0.19	94.27	94.68	0.00	0.21	8,502.000	364.72
17.500	0.19	94.23	94.64	0.00	0.20	8,499.000	364.72
17.550	0.18	94.20	94.60	0.00	0.20	8,496.000	364.72
17.600	0.18	94.16	94.56	0.00	0.20	8,492.000	364.72
17.650	0.18	94.13	94.52	0.00	0.20	8,489.000	364.72
17.700	0.18	94.09	94.48	0.00	0.19	8,486.000	364.72
17.750	0.17	94.06	94.44	0.00	0.19	8,483.000	364.72
17.800	0.17	94.03	94.40	0.00	0.19	8,479.000	364.72
17.850	0.17	93.99	94.37	0.00	0.19	8,476.000	364.72
17.900	0.17	93.96	94.33	0.00	0.19	8,473.000	364.72
17.950	0.16	93.92	94.29	0.00	0.18	8,469.000	364.72
18.000	0.16	93.89	94.25	0.00	0.18	8,466.000	364.72
18.050	0.16	93.85	94.21	0.00	0.18	8,463.000	364.72
18.100	0.16	93.82	94.17	0.00	0.18	8,460.000	364.72
18.150	0.16	93.79	94.13	0.00	0.17	8,456.000	364.72
18.200	0.15	93.76	94.10	0.00	0.17	8,453.000	364.71
18.250	0.15	93.72	94.06	0.00	0.17	8,450.000	364.71
18.300	0.15	93.70	94.03	0.00	0.17	8,448.000	364.71
18.350	0.15	93.67	94.00	0.00	0.17	8,445.000	364.71
18.400	0.15	93.64	93.97	0.00	0.16	8,443.000	364.71
18.450	0.15	93.62	93.94	0.00	0.16	8,440.000	364.71
18.500	0.15	93.60	93.92	0.00	0.16	8,438.000	364.71
18.550	0.15	93.58	93.90	0.00	0.16	8,436.000	364.71
18.600	0.15	93.56	93.88	0.00	0.16	8,435.000	364.71
18.650	0.15	93.54	93.85	0.00	0.16	8,433.000	364.71
18.700	0.15	93.52	93.84	0.00	0.16	8,431.000	364.71
18.750	0.15	93.51	93.82	0.00	0.15	8,430.000	364.71
18.800	0.15	93.49	93.80	0.00	0.15	8,428.000	364.71
18.850	0.14	93.48	93.78	0.00	0.15	8,427.000	364.71
18.900	0.14	93.46	93.77	0.00	0.15	8,425.000	364.71
18.950	0.14	93.45	93.75	0.00	0.15	8,424.000	364.71
19.000	0.14	93.44	93.74	0.00	0.15	8,423.000	364.71
19.050	0.14	93.42	93.72	0.00	0.15	8,422.000	364.71
19.100	0.14	93.41	93.71	0.00	0.15	8,420.000	364.71
19.150	0.14	93.40	93.69	0.00	0.15	8,419.000	364.71
19.200	0.14	93.39	93.68	0.00	0.15	8,418.000	364.71
19.250	0.14	93.38	93.67	0.00	0.15	8,417.000	364.71

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
19.300	0.14	93.37	93.65	0.00	0.14	8,416.000	364.71
19.350	0.14	93.35	93.64	0.00	0.14	8,415.000	364.71
19.400	0.14	93.34	93.63	0.00	0.14	8,414.000	364.71
19.450	0.14	93.33	93.62	0.00	0.14	8,413.000	364.71
19.500	0.14	93.32	93.60	0.00	0.14	8,412.000	364.71
19.550	0.14	93.31	93.59	0.00	0.14	8,411.000	364.71
19.600	0.13	93.30	93.58	0.00	0.14	8,410.000	364.71
19.650	0.13	93.29	93.57	0.00	0.14	8,409.000	364.71
19.700	0.13	93.28	93.56	0.00	0.14	8,408.000	364.71
19.750	0.13	93.27	93.54	0.00	0.14	8,407.000	364.71
19.800	0.13	93.26	93.53	0.00	0.14	8,406.000	364.71
19.850	0.13	93.25	93.52	0.00	0.14	8,405.000	364.71
19.900	0.13	93.24	93.51	0.00	0.14	8,404.000	364.71
19.950	0.13	93.23	93.50	0.00	0.14	8,403.000	364.71
20.000	0.13	93.22	93.49	0.00	0.13	8,402.000	364.71
20.050	0.13	93.21	93.47	0.00	0.13	8,401.000	364.71
20.100	0.13	93.20	93.46	0.00	0.13	8,400.000	364.71
20.150	0.13	93.19	93.45	0.00	0.13	8,399.000	364.71
20.200	0.13	93.18	93.44	0.00	0.13	8,398.000	364.71
20.250	0.13	93.17	93.43	0.00	0.13	8,397.000	364.71
20.300	0.13	93.16	93.42	0.00	0.13	8,396.000	364.71
20.350	0.12	93.15	93.41	0.00	0.13	8,395.000	364.71
20.400	0.12	93.14	93.40	0.00	0.13	8,394.000	364.71
20.450	0.12	93.13	93.39	0.00	0.13	8,393.000	364.71
20.500	0.12	93.12	93.38	0.00	0.13	8,392.000	364.71
20.550	0.12	93.11	93.37	0.00	0.13	8,392.000	364.71
20.600	0.12	93.10	93.36	0.00	0.13	8,391.000	364.71
20.650	0.12	93.10	93.35	0.00	0.13	8,390.000	364.71
20.700	0.12	93.09	93.34	0.00	0.13	8,389.000	364.71
20.750	0.12	93.08	93.33	0.00	0.13	8,388.000	364.71
20.800	0.12	93.07	93.32	0.00	0.12	8,388.000	364.71
20.850	0.12	93.06	93.31	0.00	0.12	8,387.000	364.71
20.900	0.12	93.05	93.30	0.00	0.12	8,386.000	364.71
20.950	0.12	93.05	93.29	0.00	0.12	8,385.000	364.71
21.000	0.12	93.04	93.28	0.00	0.12	8,384.000	364.71
21.050	0.12	93.03	93.27	0.00	0.12	8,384.000	364.71
21.100	0.12	93.02	93.27	0.00	0.12	8,383.000	364.71
21.150	0.12	93.02	93.26	0.00	0.12	8,382.000	364.71
21.200	0.12	93.01	93.25	0.00	0.12	8,382.000	364.71
21.250	0.12	93.00	93.24	0.00	0.12	8,381.000	364.71
21.300	0.11	92.99	93.23	0.00	0.12	8,380.000	364.71
21.350	0.11	92.98	93.22	0.00	0.12	8,379.000	364.71

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
21.400	0.11	92.98	93.21	0.00	0.12	8,379.000	364.71
21.450	0.11	92.97	93.20	0.00	0.12	8,378.000	364.71
21.500	0.11	92.96	93.20	0.00	0.12	8,377.000	364.71
21.550	0.11	92.95	93.19	0.00	0.12	8,376.000	364.71
21.600	0.11	92.95	93.18	0.00	0.12	8,376.000	364.71
21.650	0.11	92.94	93.17	0.00	0.12	8,375.000	364.71
21.700	0.11	92.93	93.16	0.00	0.11	8,374.000	364.71
21.750	0.11	92.92	93.15	0.00	0.11	8,373.000	364.71
21.800	0.11	92.91	93.14	0.00	0.11	8,373.000	364.71
21.850	0.11	92.91	93.13	0.00	0.11	8,372.000	364.71
21.900	0.11	92.90	93.13	0.00	0.11	8,371.000	364.71
21.950	0.11	92.89	93.12	0.00	0.11	8,370.000	364.71
22.000	0.11	92.88	93.11	0.00	0.11	8,370.000	364.71
22.050	0.11	92.88	93.10	0.00	0.11	8,369.000	364.71
22.100	0.11	92.87	93.09	0.00	0.11	8,368.000	364.71
22.150	0.11	92.86	93.08	0.00	0.11	8,367.000	364.71
22.200	0.11	92.85	93.07	0.00	0.11	8,367.000	364.71
22.250	0.11	92.85	93.06	0.00	0.11	8,366.000	364.71
22.300	0.10	92.84	93.06	0.00	0.11	8,365.000	364.71
22.350	0.10	92.83	93.05	0.00	0.11	8,365.000	364.71
22.400	0.10	92.82	93.04	0.00	0.11	8,364.000	364.71
22.450	0.10	92.81	93.03	0.00	0.11	8,363.000	364.71
22.500	0.10	92.81	93.02	0.00	0.11	8,362.000	364.71
22.550	0.10	92.80	93.01	0.00	0.11	8,361.000	364.71
22.600	0.10	92.79	93.00	0.00	0.11	8,361.000	364.71
22.650	0.10	92.78	92.99	0.00	0.10	8,360.000	364.71
22.700	0.10	92.78	92.99	0.00	0.10	8,359.000	364.71
22.750	0.10	92.77	92.98	0.00	0.10	8,359.000	364.71
22.800	0.10	92.76	92.97	0.00	0.10	8,358.000	364.71
22.850	0.10	92.75	92.96	0.00	0.10	8,357.000	364.71
22.900	0.10	92.75	92.95	0.00	0.10	8,356.000	364.71
22.950	0.10	92.74	92.94	0.00	0.10	8,356.000	364.71
23.000	0.10	92.73	92.93	0.00	0.10	8,355.000	364.71
23.050	0.10	92.72	92.92	0.00	0.10	8,354.000	364.71
23.100	0.10	92.72	92.92	0.00	0.10	8,353.000	364.71
23.150	0.10	92.71	92.91	0.00	0.10	8,353.000	364.71
23.200	0.09	92.70	92.90	0.00	0.10	8,352.000	364.71
23.250	0.09	92.69	92.89	0.00	0.10	8,351.000	364.71
23.300	0.09	92.68	92.88	0.00	0.10	8,350.000	364.71
23.350	0.09	92.68	92.87	0.00	0.10	8,350.000	364.71
23.400	0.09	92.67	92.86	0.00	0.10	8,349.000	364.71
23.450	0.09	92.66	92.85	0.00	0.10	8,348.000	364.71

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
23.500	0.09	92.65	92.84	0.00	0.10	8,347.000	364.71
23.550	0.09	92.64	92.84	0.00	0.10	8,347.000	364.71
23.600	0.09	92.64	92.83	0.00	0.09	8,346.000	364.71
23.650	0.09	92.63	92.82	0.00	0.09	8,345.000	364.71
23.700	0.09	92.62	92.81	0.00	0.09	8,344.000	364.71
23.750	0.09	92.61	92.80	0.00	0.09	8,344.000	364.71
23.800	0.09	92.61	92.79	0.00	0.09	8,343.000	364.71
23.850	0.09	92.60	92.78	0.00	0.09	8,342.000	364.71
23.900	0.09	92.59	92.77	0.00	0.09	8,341.000	364.71
23.950	0.09	92.58	92.76	0.00	0.09	8,341.000	364.71
24.000	0.09	92.57	92.75	0.00	0.09	8,340.000	364.71
24.050	0.08	92.56	92.74	0.00	0.09	8,339.000	364.71
24.100	0.07	92.54	92.71	0.00	0.09	8,336.000	364.71
24.150	0.05	92.49	92.66	0.00	0.08	8,332.000	364.71
24.200	0.03	92.41	92.57	0.00	0.08	8,324.000	364.71
24.250	0.02	92.32	92.46	0.00	0.07	8,315.000	364.71
24.300	0.01	92.22	92.35	0.00	0.07	8,306.000	364.71
24.350	0.01	92.12	92.24	0.00	0.06	8,296.000	364.71
24.400	0.00	92.02	92.13	0.00	0.05	8,287.000	364.70
24.450	0.00	91.94	92.03	0.00	0.05	8,278.000	364.70
24.500	0.00	91.86	91.94	0.00	0.04	8,271.000	364.70
24.550	0.00	91.79	91.86	0.00	0.04	8,264.000	364.70
24.600	0.00	91.72	91.79	0.00	0.03	8,258.000	364.70
24.650	0.00	91.67	91.72	0.00	0.03	8,252.000	364.70
24.700	0.00	91.62	91.67	0.00	0.02	8,248.000	364.70
24.750	0.00	91.57	91.62	0.00	0.02	8,243.000	364.70
24.800	0.00	91.53	91.57	0.00	0.02	8,240.000	364.70
24.850	0.00	91.50	91.53	0.00	0.02	8,236.000	364.70
24.900	0.00	91.47	91.50	0.00	0.01	8,234.000	364.70
24.950	0.00	91.44	91.47	0.00	0.01	8,231.000	364.70
25.000	0.00	91.42	91.44	0.00	0.01	8,229.000	364.70
25.050	0.00	91.40	91.42	0.00	0.01	8,227.000	364.70
25.100	0.00	91.38	91.40	0.00	0.01	8,225.000	364.70
25.150	0.00	91.37	91.38	0.00	0.01	8,224.000	364.70
25.200	0.00	91.35	91.37	0.00	0.01	8,222.000	364.70
25.250	0.00	91.34	91.35	0.00	0.01	8,221.000	364.70
25.300	0.00	91.33	91.34	0.00	0.01	8,220.000	364.70
25.350	0.00	91.32	91.33	0.00	0.00	8,219.000	364.70
25.400	0.00	91.31	91.32	0.00	0.00	8,218.000	364.70
25.450	0.00	91.30	91.31	0.00	0.00	8,218.000	364.70
25.500	0.00	91.30	91.30	0.00	0.00	8,217.000	364.70
25.550	0.00	91.29	91.30	0.00	0.00	8,217.000	364.70

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
25.600	0.00	91.29	91.29	0.00	0.00	8,216.000	364.70
25.650	0.00	91.28	91.29	0.00	0.00	8,216.000	364.70
25.700	0.00	91.28	91.28	0.00	0.00	8,215.000	364.70
25.750	0.00	91.28	91.28	0.00	0.00	8,215.000	364.70
25.800	0.00	91.27	91.28	0.00	0.00	8,215.000	364.70
25.850	0.00	91.27	91.27	0.00	0.00	8,214.000	364.70
25.900	0.00	91.27	91.27	0.00	0.00	8,214.000	364.70
25.950	0.00	91.27	91.27	0.00	0.00	8,213.000	364.70
26.000	0.00	91.26	91.27	0.00	0.00	8,213.000	364.70
26.050	0.00	91.26	91.26	0.00	0.00	8,213.000	364.70
26.100	0.00	91.26	91.26	0.00	0.00	8,213.000	364.70
26.150	0.00	91.26	91.26	0.00	0.00	8,213.000	364.70
26.200	0.00	91.26	91.26	0.00	0.00	8,213.000	364.70
26.250	0.00	91.26	91.26	0.00	0.00	8,213.000	364.70
26.300	0.00	91.26	91.26	0.00	0.00	8,213.000	364.70
26.350	0.00	91.26	91.26	0.00	0.00	8,213.000	364.70
26.400	0.00	91.26	91.26	0.00	0.00	8,213.000	364.70
26.450	0.00	91.25	91.26	0.00	0.00	8,213.000	364.70
26.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
26.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
26.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
26.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
26.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
26.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
26.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
26.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
26.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
26.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.050	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.100	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.150	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.200	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.250	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.300	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.350	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.400	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.450	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
27.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.050	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.100	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.150	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.200	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.250	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.300	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.350	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.400	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.450	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.050	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.100	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.150	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.200	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.250	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.300	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.350	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.400	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.450	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
29.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.050	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.100	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.150	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.200	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.250	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.300	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.350	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.400	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.450	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.050	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.100	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.150	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.200	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.250	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.300	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.350	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.400	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.450	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
31.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.050	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.100	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.150	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.200	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.250	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.300	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.350	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.400	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.450	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.050	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.100	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.150	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.200	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.250	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.300	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.350	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.400	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.450	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
34.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.050	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.100	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.150	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.200	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.250	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.300	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.350	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.400	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.450	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
35.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
0.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
1.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
2.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
2.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
3.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
4.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
4.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
5.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.500	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.550	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.600	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.650	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.700	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.750	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.800	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.850	0.00	0.00	0.00	0.00	0.00	0.000	364.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
6.900	0.00	0.00	0.00	0.00	0.00	0.000	364.00
6.950	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.000	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.050	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.100	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.150	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.200	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.250	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.300	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.350	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.400	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.450	0.00	0.00	0.00	0.00	0.00	0.000	364.00
7.500	0.00	0.01	0.01	0.00	0.00	0.000	364.00
7.550	0.01	0.02	0.02	0.00	0.00	1.000	364.00
7.600	0.01	0.03	0.03	0.00	0.00	2.000	364.00
7.650	0.01	0.05	0.05	0.00	0.00	4.000	364.00
7.700	0.01	0.07	0.07	0.00	0.00	6.000	364.00
7.750	0.02	0.10	0.10	0.00	0.00	8.000	364.00
7.800	0.02	0.13	0.13	0.00	0.00	11.000	364.00
7.850	0.02	0.17	0.17	0.00	0.00	14.000	364.00
7.900	0.02	0.21	0.21	0.00	0.00	18.000	364.00
7.950	0.03	0.27	0.27	0.00	0.00	23.000	364.00
8.000	0.03	0.32	0.32	0.00	0.00	28.000	364.00
8.050	0.03	0.39	0.39	0.00	0.00	33.000	364.00
8.100	0.04	0.46	0.46	0.00	0.00	39.000	364.00
8.150	0.04	0.54	0.54	0.00	0.00	46.000	364.01
8.200	0.04	0.63	0.63	0.00	0.00	53.000	364.01
8.250	0.05	0.72	0.72	0.00	0.00	61.000	364.01
8.300	0.05	0.82	0.82	0.00	0.00	70.000	364.01
8.350	0.06	0.93	0.93	0.00	0.00	79.000	364.01
8.400	0.06	1.05	1.05	0.00	0.00	90.000	364.01
8.450	0.07	1.18	1.18	0.00	0.00	101.000	364.01
8.500	0.07	1.32	1.32	0.00	0.00	113.000	364.01
8.550	0.08	1.47	1.47	0.00	0.00	126.000	364.02
8.600	0.08	1.63	1.63	0.00	0.00	139.000	364.02
8.650	0.09	1.80	1.80	0.00	0.00	154.000	364.02
8.700	0.09	1.98	1.98	0.00	0.00	170.000	364.02
8.750	0.10	2.18	2.18	0.00	0.00	187.000	364.02
8.800	0.11	2.39	2.39	0.00	0.00	205.000	364.03
8.850	0.11	2.61	2.61	0.00	0.00	224.000	364.03
8.900	0.12	2.84	2.84	0.00	0.00	245.000	364.03
8.950	0.13	3.09	3.09	0.00	0.00	267.000	364.03

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
9.000	0.13	3.34	3.34	0.00	0.00	289.000	364.04
9.050	0.14	3.62	3.62	0.00	0.00	314.000	364.04
9.100	0.15	3.91	3.91	0.00	0.00	339.000	364.04
9.150	0.16	4.21	4.21	0.00	0.00	366.000	364.05
9.200	0.16	4.53	4.53	0.00	0.00	395.000	364.05
9.250	0.17	4.86	4.86	0.00	0.00	425.000	364.05
9.300	0.18	5.21	5.21	0.00	0.00	457.000	364.06
9.350	0.19	5.58	5.58	0.00	0.00	490.000	364.06
9.400	0.20	5.96	5.96	0.00	0.00	525.000	364.06
9.450	0.20	6.36	6.36	0.00	0.00	562.000	364.07
9.500	0.21	6.78	6.78	0.00	0.00	600.000	364.07
9.550	0.22	7.22	7.22	0.00	0.00	641.000	364.08
9.600	0.23	7.67	7.67	0.00	0.00	683.000	364.08
9.650	0.24	8.14	8.14	0.00	0.00	728.000	364.09
9.700	0.25	8.63	8.63	0.00	0.00	774.000	364.09
9.750	0.26	9.15	9.15	0.00	0.00	823.000	364.10
9.800	0.27	9.68	9.68	0.00	0.00	869.000	364.10
9.850	0.28	10.23	10.23	0.00	0.00	916.000	364.11
9.900	0.29	10.80	10.80	0.00	0.00	965.000	364.11
9.950	0.30	11.39	11.39	0.00	0.00	1,016.000	364.12
10.000	0.31	12.00	12.00	0.00	0.00	1,070.000	364.13
10.050	0.32	12.63	12.63	0.00	0.00	1,125.000	364.13
10.100	0.33	13.29	13.29	0.00	0.00	1,184.000	364.14
10.150	0.35	13.97	13.97	0.00	0.00	1,244.000	364.15
10.200	0.36	14.68	14.68	0.00	0.00	1,308.000	364.15
10.250	0.38	15.41	15.41	0.00	0.00	1,374.000	364.16
10.300	0.39	16.18	16.18	0.00	0.00	1,444.000	364.17
10.350	0.41	16.98	16.98	0.00	0.00	1,518.000	364.17
10.400	0.42	17.81	17.81	0.00	0.00	1,595.000	364.18
10.450	0.44	18.68	18.68	0.00	0.00	1,676.000	364.19
10.500	0.46	19.58	19.58	0.00	0.00	1,762.000	364.20
10.550	0.48	20.52	20.52	0.00	0.00	1,843.000	364.21
10.600	0.50	21.50	21.50	0.00	0.00	1,927.000	364.22
10.650	0.52	22.51	22.51	0.00	0.00	2,016.000	364.22
10.700	0.54	23.57	23.57	0.00	0.00	2,109.000	364.23
10.750	0.56	24.66	24.66	0.00	0.00	2,206.000	364.24
10.800	0.58	25.80	25.80	0.00	0.00	2,308.000	364.25
10.850	0.60	26.98	26.98	0.00	0.00	2,415.000	364.26
10.900	0.62	28.20	28.20	0.00	0.00	2,527.000	364.27
10.950	0.64	29.47	29.47	0.00	0.00	2,645.000	364.28
11.000	0.67	30.78	30.78	0.00	0.00	2,768.000	364.30
11.050	0.69	32.14	32.14	0.00	0.00	2,889.000	364.31

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
11.100	0.72	33.55	33.55	0.00	0.00	3,011.000	364.32
11.150	0.75	35.02	35.02	0.00	0.00	3,140.000	364.33
11.200	0.80	36.58	36.58	0.00	0.00	3,277.000	364.34
11.250	0.85	38.22	38.22	0.00	0.00	3,425.000	364.35
11.300	0.90	39.97	39.97	0.00	0.00	3,584.000	364.37
11.350	0.97	41.84	41.84	0.00	0.00	3,757.000	364.38
11.400	1.03	43.84	43.84	0.00	0.00	3,944.000	364.40
11.450	1.10	45.97	45.97	0.00	0.00	4,130.000	364.41
11.500	1.17	48.24	48.24	0.00	0.00	4,329.000	364.43
11.550	1.26	50.67	50.67	0.00	0.00	4,545.000	364.45
11.600	1.41	53.35	53.35	0.00	0.00	4,787.000	364.46
11.650	1.65	56.41	56.41	0.00	0.00	5,070.000	364.49
11.700	2.00	60.05	60.05	0.00	0.00	5,399.000	364.51
11.750	2.45	64.50	64.50	0.00	0.00	5,789.000	364.54
11.800	3.00	69.94	69.94	0.00	0.00	6,282.000	364.57
11.850	3.62	76.56	76.56	0.00	0.00	6,882.000	364.61
11.900	4.33	84.51	84.51	0.00	0.00	7,590.000	364.66
11.950	5.30	93.79	94.14	0.00	0.17	8,457.000	364.72
12.000	6.84	104.17	105.94	0.00	0.88	9,455.000	364.78
12.050	8.88	115.29	119.90	0.00	2.31	10,583.000	364.85
12.100	10.87	126.33	135.03	0.00	4.35	11,761.000	364.92
12.150	12.10	135.70	149.30	0.00	6.80	12,825.000	364.99
12.200	12.16	142.01	159.96	0.00	8.98	13,589.000	365.03
12.250	11.14	145.02	165.30	0.00	10.14	13,964.000	365.06
12.300	9.79	145.38	165.94	0.00	10.28	14,010.000	365.06
12.350	8.52	144.11	163.69	0.00	9.79	13,851.000	365.05
12.400	7.47	142.08	160.10	0.00	9.01	13,598.000	365.03
12.450	6.51	139.81	156.07	0.00	8.13	13,315.000	365.02
12.500	5.62	137.45	151.95	0.00	7.25	13,023.000	365.00
12.550	4.78	134.75	147.84	0.00	6.55	12,717.000	364.98
12.600	4.03	131.93	143.55	0.00	5.81	12,397.000	364.96
12.650	3.40	129.17	139.36	0.00	5.09	12,084.000	364.94
12.700	2.93	126.64	135.51	0.00	4.43	11,796.000	364.92
12.750	2.59	124.44	132.16	0.00	3.86	11,547.000	364.91
12.800	2.35	122.48	129.38	0.00	3.45	11,334.000	364.89
12.850	2.18	120.68	127.01	0.00	3.17	11,146.000	364.88
12.900	2.04	119.07	124.89	0.00	2.91	10,979.000	364.87
12.950	1.92	117.66	123.03	0.00	2.68	10,831.000	364.86
13.000	1.82	116.43	121.40	0.00	2.49	10,702.000	364.85
13.050	1.72	115.34	119.96	0.00	2.31	10,588.000	364.85
13.100	1.64	114.37	118.69	0.00	2.16	10,488.000	364.84
13.150	1.56	113.52	117.57	0.00	2.02	10,399.000	364.84

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
13.200	1.51	112.78	116.59	0.00	1.91	10,322.000	364.83
13.250	1.46	112.14	115.75	0.00	1.80	10,255.000	364.83
13.300	1.43	111.60	115.03	0.00	1.72	10,199.000	364.82
13.350	1.40	111.14	114.43	0.00	1.64	10,150.000	364.82
13.400	1.37	110.75	113.91	0.00	1.58	10,110.000	364.82
13.450	1.35	110.41	113.46	0.00	1.53	10,074.000	364.82
13.500	1.32	110.12	113.08	0.00	1.48	10,044.000	364.81
13.550	1.30	109.86	112.74	0.00	1.44	10,017.000	364.81
13.600	1.28	109.63	112.43	0.00	1.40	9,993.000	364.81
13.650	1.25	109.42	112.16	0.00	1.37	9,971.000	364.81
13.700	1.23	109.22	111.90	0.00	1.34	9,951.000	364.81
13.750	1.21	109.04	111.66	0.00	1.31	9,932.000	364.81
13.800	1.18	108.87	111.43	0.00	1.28	9,913.000	364.81
13.850	1.16	108.70	111.21	0.00	1.25	9,896.000	364.80
13.900	1.14	108.54	111.00	0.00	1.23	9,879.000	364.80
13.950	1.11	108.38	110.79	0.00	1.20	9,863.000	364.80
14.000	1.09	108.23	110.58	0.00	1.18	9,847.000	364.80
14.050	1.07	108.08	110.38	0.00	1.15	9,831.000	364.80
14.100	1.04	107.91	110.19	0.00	1.14	9,814.000	364.80
14.150	1.03	107.73	109.98	0.00	1.13	9,797.000	364.80
14.200	1.01	107.53	109.76	0.00	1.11	9,778.000	364.80
14.250	0.99	107.33	109.53	0.00	1.10	9,759.000	364.80
14.300	0.98	107.13	109.31	0.00	1.09	9,740.000	364.79
14.350	0.97	106.93	109.08	0.00	1.07	9,721.000	364.79
14.400	0.95	106.74	108.86	0.00	1.06	9,702.000	364.79
14.450	0.94	106.54	108.64	0.00	1.05	9,683.000	364.79
14.500	0.93	106.35	108.42	0.00	1.03	9,665.000	364.79
14.550	0.92	106.17	108.21	0.00	1.02	9,647.000	364.79
14.600	0.91	105.98	108.00	0.00	1.01	9,629.000	364.79
14.650	0.90	105.80	107.79	0.00	0.99	9,612.000	364.79
14.700	0.89	105.62	107.59	0.00	0.98	9,594.000	364.79
14.750	0.88	105.44	107.38	0.00	0.97	9,577.000	364.78
14.800	0.86	105.26	107.18	0.00	0.96	9,560.000	364.78
14.850	0.85	105.09	106.98	0.00	0.95	9,543.000	364.78
14.900	0.84	104.92	106.78	0.00	0.93	9,527.000	364.78
14.950	0.83	104.74	106.59	0.00	0.92	9,510.000	364.78
15.000	0.82	104.57	106.39	0.00	0.91	9,493.000	364.78
15.050	0.81	104.40	106.20	0.00	0.90	9,477.000	364.78
15.100	0.80	104.23	106.00	0.00	0.89	9,460.000	364.78
15.150	0.78	104.06	105.81	0.00	0.88	9,444.000	364.78
15.200	0.77	103.89	105.62	0.00	0.86	9,428.000	364.78
15.250	0.76	103.72	105.42	0.00	0.85	9,411.000	364.77

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
15.300	0.75	103.55	105.23	0.00	0.84	9,395.000	364.77
15.350	0.74	103.38	105.04	0.00	0.83	9,379.000	364.77
15.400	0.73	103.21	104.84	0.00	0.82	9,362.000	364.77
15.450	0.72	103.04	104.65	0.00	0.81	9,346.000	364.77
15.500	0.70	102.87	104.46	0.00	0.79	9,330.000	364.77
15.550	0.69	102.70	104.27	0.00	0.78	9,313.000	364.77
15.600	0.68	102.53	104.07	0.00	0.77	9,297.000	364.77
15.650	0.67	102.36	103.88	0.00	0.76	9,281.000	364.77
15.700	0.66	102.19	103.69	0.00	0.75	9,265.000	364.77
15.750	0.65	102.02	103.50	0.00	0.74	9,248.000	364.76
15.800	0.63	101.85	103.30	0.00	0.72	9,232.000	364.76
15.850	0.62	101.68	103.11	0.00	0.71	9,216.000	364.76
15.900	0.61	101.51	102.91	0.00	0.70	9,199.000	364.76
15.950	0.60	101.34	102.72	0.00	0.69	9,183.000	364.76
16.000	0.59	101.17	102.53	0.00	0.68	9,166.000	364.76
16.050	0.58	101.00	102.33	0.00	0.67	9,150.000	364.76
16.100	0.57	100.83	102.14	0.00	0.66	9,134.000	364.76
16.150	0.56	100.66	101.95	0.00	0.64	9,118.000	364.76
16.200	0.55	100.50	101.77	0.00	0.63	9,102.000	364.76
16.250	0.54	100.35	101.59	0.00	0.62	9,087.000	364.75
16.300	0.53	100.19	101.42	0.00	0.61	9,073.000	364.75
16.350	0.53	100.05	101.26	0.00	0.60	9,059.000	364.75
16.400	0.52	99.92	101.10	0.00	0.59	9,046.000	364.75
16.450	0.52	99.79	100.96	0.00	0.58	9,033.000	364.75
16.500	0.51	99.66	100.82	0.00	0.58	9,022.000	364.75
16.550	0.51	99.55	100.68	0.00	0.57	9,010.000	364.75
16.600	0.50	99.44	100.56	0.00	0.56	9,000.000	364.75
16.650	0.50	99.33	100.43	0.00	0.55	8,989.000	364.75
16.700	0.49	99.22	100.31	0.00	0.55	8,979.000	364.75
16.750	0.49	99.12	100.20	0.00	0.54	8,970.000	364.75
16.800	0.48	99.03	100.09	0.00	0.53	8,960.000	364.75
16.850	0.48	98.93	99.98	0.00	0.53	8,951.000	364.75
16.900	0.47	98.84	99.88	0.00	0.52	8,942.000	364.75
16.950	0.47	98.75	99.78	0.00	0.51	8,934.000	364.74
17.000	0.46	98.66	99.68	0.00	0.51	8,925.000	364.74
17.050	0.46	98.58	99.58	0.00	0.50	8,917.000	364.74
17.100	0.45	98.49	99.48	0.00	0.50	8,909.000	364.74
17.150	0.45	98.41	99.39	0.00	0.49	8,901.000	364.74
17.200	0.44	98.33	99.29	0.00	0.48	8,893.000	364.74
17.250	0.43	98.24	99.20	0.00	0.48	8,885.000	364.74
17.300	0.43	98.16	99.11	0.00	0.47	8,877.000	364.74
17.350	0.42	98.08	99.02	0.00	0.47	8,869.000	364.74

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
17.400	0.42	98.00	98.93	0.00	0.46	8,862.000	364.74
17.450	0.41	97.92	98.84	0.00	0.46	8,854.000	364.74
17.500	0.41	97.84	98.75	0.00	0.45	8,847.000	364.74
17.550	0.40	97.77	98.66	0.00	0.45	8,839.000	364.74
17.600	0.40	97.69	98.57	0.00	0.44	8,831.000	364.74
17.650	0.39	97.61	98.48	0.00	0.43	8,824.000	364.74
17.700	0.39	97.53	98.39	0.00	0.43	8,817.000	364.74
17.750	0.38	97.46	98.30	0.00	0.42	8,809.000	364.74
17.800	0.38	97.38	98.22	0.00	0.42	8,802.000	364.74
17.850	0.37	97.30	98.13	0.00	0.41	8,794.000	364.74
17.900	0.37	97.22	98.04	0.00	0.41	8,787.000	364.74
17.950	0.36	97.15	97.95	0.00	0.40	8,780.000	364.74
18.000	0.36	97.07	97.87	0.00	0.40	8,772.000	364.73
18.050	0.35	96.99	97.78	0.00	0.39	8,765.000	364.73
18.100	0.35	96.92	97.69	0.00	0.39	8,758.000	364.73
18.150	0.34	96.84	97.61	0.00	0.38	8,750.000	364.73
18.200	0.34	96.77	97.53	0.00	0.38	8,743.000	364.73
18.250	0.34	96.70	97.45	0.00	0.37	8,737.000	364.73
18.300	0.33	96.64	97.37	0.00	0.37	8,731.000	364.73
18.350	0.33	96.58	97.31	0.00	0.36	8,725.000	364.73
18.400	0.33	96.52	97.24	0.00	0.36	8,719.000	364.73
18.450	0.33	96.47	97.18	0.00	0.36	8,714.000	364.73
18.500	0.33	96.42	97.13	0.00	0.35	8,710.000	364.73
18.550	0.33	96.37	97.07	0.00	0.35	8,705.000	364.73
18.600	0.32	96.33	97.02	0.00	0.35	8,701.000	364.73
18.650	0.32	96.29	96.98	0.00	0.34	8,697.000	364.73
18.700	0.32	96.25	96.93	0.00	0.34	8,693.000	364.73
18.750	0.32	96.21	96.89	0.00	0.34	8,690.000	364.73
18.800	0.32	96.18	96.85	0.00	0.34	8,686.000	364.73
18.850	0.32	96.15	96.82	0.00	0.33	8,683.000	364.73
18.900	0.32	96.11	96.78	0.00	0.33	8,680.000	364.73
18.950	0.31	96.08	96.74	0.00	0.33	8,677.000	364.73
19.000	0.31	96.05	96.71	0.00	0.33	8,674.000	364.73
19.050	0.31	96.02	96.68	0.00	0.33	8,672.000	364.73
19.100	0.31	96.00	96.64	0.00	0.32	8,669.000	364.73
19.150	0.31	95.97	96.61	0.00	0.32	8,666.000	364.73
19.200	0.31	95.94	96.58	0.00	0.32	8,664.000	364.73
19.250	0.31	95.92	96.55	0.00	0.32	8,661.000	364.73
19.300	0.30	95.89	96.52	0.00	0.32	8,659.000	364.73
19.350	0.30	95.86	96.49	0.00	0.32	8,656.000	364.73
19.400	0.30	95.84	96.47	0.00	0.31	8,654.000	364.73
19.450	0.30	95.81	96.44	0.00	0.31	8,651.000	364.73

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
19.500	0.30	95.79	96.41	0.00	0.31	8,649.000	364.73
19.550	0.30	95.76	96.38	0.00	0.31	8,647.000	364.73
19.600	0.29	95.74	96.35	0.00	0.31	8,644.000	364.73
19.650	0.29	95.72	96.33	0.00	0.31	8,642.000	364.73
19.700	0.29	95.69	96.30	0.00	0.30	8,640.000	364.73
19.750	0.29	95.67	96.27	0.00	0.30	8,637.000	364.73
19.800	0.29	95.65	96.25	0.00	0.30	8,635.000	364.73
19.850	0.29	95.62	96.22	0.00	0.30	8,633.000	364.73
19.900	0.29	95.60	96.19	0.00	0.30	8,631.000	364.73
19.950	0.28	95.58	96.17	0.00	0.30	8,628.000	364.73
20.000	0.28	95.55	96.14	0.00	0.29	8,626.000	364.73
20.050	0.28	95.53	96.12	0.00	0.29	8,624.000	364.73
20.100	0.28	95.51	96.09	0.00	0.29	8,622.000	364.73
20.150	0.28	95.48	96.06	0.00	0.29	8,620.000	364.73
20.200	0.28	95.46	96.04	0.00	0.29	8,617.000	364.73
20.250	0.27	95.44	96.01	0.00	0.29	8,615.000	364.72
20.300	0.27	95.42	95.99	0.00	0.28	8,613.000	364.72
20.350	0.27	95.40	95.96	0.00	0.28	8,611.000	364.72
20.400	0.27	95.38	95.94	0.00	0.28	8,609.000	364.72
20.450	0.27	95.36	95.92	0.00	0.28	8,607.000	364.72
20.500	0.27	95.34	95.90	0.00	0.28	8,605.000	364.72
20.550	0.27	95.32	95.87	0.00	0.28	8,604.000	364.72
20.600	0.27	95.30	95.85	0.00	0.28	8,602.000	364.72
20.650	0.27	95.28	95.83	0.00	0.28	8,600.000	364.72
20.700	0.26	95.26	95.81	0.00	0.27	8,598.000	364.72
20.750	0.26	95.24	95.79	0.00	0.27	8,596.000	364.72
20.800	0.26	95.22	95.77	0.00	0.27	8,594.000	364.72
20.850	0.26	95.20	95.74	0.00	0.27	8,593.000	364.72
20.900	0.26	95.19	95.72	0.00	0.27	8,591.000	364.72
20.950	0.26	95.17	95.70	0.00	0.27	8,589.000	364.72
21.000	0.26	95.15	95.68	0.00	0.27	8,587.000	364.72
21.050	0.26	95.13	95.66	0.00	0.27	8,586.000	364.72
21.100	0.26	95.11	95.64	0.00	0.26	8,584.000	364.72
21.150	0.25	95.10	95.62	0.00	0.26	8,582.000	364.72
21.200	0.25	95.08	95.60	0.00	0.26	8,581.000	364.72
21.250	0.25	95.06	95.58	0.00	0.26	8,579.000	364.72
21.300	0.25	95.05	95.57	0.00	0.26	8,577.000	364.72
21.350	0.25	95.03	95.55	0.00	0.26	8,576.000	364.72
21.400	0.25	95.01	95.53	0.00	0.26	8,574.000	364.72
21.450	0.25	94.99	95.51	0.00	0.26	8,573.000	364.72
21.500	0.25	94.98	95.49	0.00	0.25	8,571.000	364.72
21.550	0.24	94.96	95.47	0.00	0.25	8,569.000	364.72

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
21.600	0.24	94.94	95.45	0.00	0.25	8,567.000	364.72
21.650	0.24	94.92	95.43	0.00	0.25	8,566.000	364.72
21.700	0.24	94.91	95.41	0.00	0.25	8,564.000	364.72
21.750	0.24	94.89	95.39	0.00	0.25	8,562.000	364.72
21.800	0.24	94.87	95.37	0.00	0.25	8,561.000	364.72
21.850	0.24	94.85	95.35	0.00	0.25	8,559.000	364.72
21.900	0.24	94.84	95.33	0.00	0.25	8,558.000	364.72
21.950	0.24	94.82	95.31	0.00	0.24	8,556.000	364.72
22.000	0.23	94.80	95.29	0.00	0.24	8,554.000	364.72
22.050	0.23	94.79	95.27	0.00	0.24	8,553.000	364.72
22.100	0.23	94.77	95.25	0.00	0.24	8,551.000	364.72
22.150	0.23	94.75	95.23	0.00	0.24	8,549.000	364.72
22.200	0.23	94.74	95.21	0.00	0.24	8,548.000	364.72
22.250	0.23	94.72	95.19	0.00	0.24	8,546.000	364.72
22.300	0.23	94.70	95.17	0.00	0.24	8,544.000	364.72
22.350	0.23	94.68	95.15	0.00	0.23	8,543.000	364.72
22.400	0.22	94.67	95.13	0.00	0.23	8,541.000	364.72
22.450	0.22	94.65	95.11	0.00	0.23	8,539.000	364.72
22.500	0.22	94.63	95.09	0.00	0.23	8,538.000	364.72
22.550	0.22	94.61	95.07	0.00	0.23	8,536.000	364.72
22.600	0.22	94.60	95.05	0.00	0.23	8,534.000	364.72
22.650	0.22	94.58	95.04	0.00	0.23	8,533.000	364.72
22.700	0.22	94.56	95.02	0.00	0.23	8,531.000	364.72
22.750	0.22	94.55	95.00	0.00	0.23	8,530.000	364.72
22.800	0.22	94.53	94.98	0.00	0.22	8,528.000	364.72
22.850	0.21	94.51	94.96	0.00	0.22	8,526.000	364.72
22.900	0.21	94.50	94.94	0.00	0.22	8,525.000	364.72
22.950	0.21	94.48	94.92	0.00	0.22	8,523.000	364.72
23.000	0.21	94.46	94.90	0.00	0.22	8,521.000	364.72
23.050	0.21	94.44	94.88	0.00	0.22	8,520.000	364.72
23.100	0.21	94.43	94.86	0.00	0.22	8,518.000	364.72
23.150	0.21	94.41	94.84	0.00	0.22	8,516.000	364.72
23.200	0.21	94.39	94.82	0.00	0.21	8,515.000	364.72
23.250	0.20	94.37	94.80	0.00	0.21	8,513.000	364.72
23.300	0.20	94.36	94.78	0.00	0.21	8,511.000	364.72
23.350	0.20	94.34	94.76	0.00	0.21	8,509.000	364.72
23.400	0.20	94.32	94.74	0.00	0.21	8,508.000	364.72
23.450	0.20	94.30	94.72	0.00	0.21	8,506.000	364.72
23.500	0.20	94.29	94.70	0.00	0.21	8,505.000	364.72
23.550	0.20	94.27	94.68	0.00	0.21	8,503.000	364.72
23.600	0.20	94.25	94.66	0.00	0.21	8,501.000	364.72
23.650	0.19	94.24	94.64	0.00	0.20	8,500.000	364.72

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
23.700	0.19	94.22	94.63	0.00	0.20	8,498.000	364.72
23.750	0.19	94.20	94.61	0.00	0.20	8,496.000	364.72
23.800	0.19	94.18	94.59	0.00	0.20	8,495.000	364.72
23.850	0.19	94.17	94.57	0.00	0.20	8,493.000	364.72
23.900	0.19	94.15	94.55	0.00	0.20	8,491.000	364.72
23.950	0.19	94.13	94.53	0.00	0.20	8,490.000	364.72
24.000	0.19	94.11	94.51	0.00	0.20	8,488.000	364.72
24.050	0.18	94.09	94.48	0.00	0.19	8,485.000	364.72
24.100	0.15	94.04	94.42	0.00	0.19	8,480.000	364.72
24.150	0.11	93.93	94.30	0.00	0.18	8,470.000	364.72
24.200	0.07	93.77	94.11	0.00	0.17	8,454.000	364.71
24.250	0.04	93.56	93.88	0.00	0.16	8,435.000	364.71
24.300	0.02	93.34	93.63	0.00	0.14	8,414.000	364.71
24.350	0.01	93.13	93.38	0.00	0.13	8,393.000	364.71
24.400	0.01	92.92	93.15	0.00	0.11	8,373.000	364.71
24.450	0.01	92.73	92.93	0.00	0.10	8,355.000	364.71
24.500	0.00	92.56	92.74	0.00	0.09	8,339.000	364.71
24.550	0.00	92.41	92.57	0.00	0.08	8,324.000	364.71
24.600	0.00	92.27	92.41	0.00	0.07	8,311.000	364.71
24.650	0.00	92.15	92.27	0.00	0.06	8,299.000	364.71
24.700	0.00	92.04	92.15	0.00	0.05	8,289.000	364.70
24.750	0.00	91.95	92.04	0.00	0.05	8,279.000	364.70
24.800	0.00	91.86	91.95	0.00	0.04	8,271.000	364.70
24.850	0.00	91.79	91.86	0.00	0.04	8,264.000	364.70
24.900	0.00	91.72	91.79	0.00	0.03	8,258.000	364.70
24.950	0.00	91.67	91.72	0.00	0.03	8,253.000	364.70
25.000	0.00	91.62	91.67	0.00	0.03	8,248.000	364.70
25.050	0.00	91.57	91.62	0.00	0.02	8,244.000	364.70
25.100	0.00	91.53	91.57	0.00	0.02	8,240.000	364.70
25.150	0.00	91.50	91.53	0.00	0.02	8,237.000	364.70
25.200	0.00	91.47	91.50	0.00	0.02	8,234.000	364.70
25.250	0.00	91.44	91.47	0.00	0.01	8,231.000	364.70
25.300	0.00	91.42	91.44	0.00	0.01	8,229.000	364.70
25.350	0.00	91.40	91.42	0.00	0.01	8,227.000	364.70
25.400	0.00	91.38	91.40	0.00	0.01	8,225.000	364.70
25.450	0.00	91.37	91.38	0.00	0.01	8,224.000	364.70
25.500	0.00	91.35	91.37	0.00	0.01	8,222.000	364.70
25.550	0.00	91.34	91.35	0.00	0.01	8,221.000	364.70
25.600	0.00	91.33	91.34	0.00	0.01	8,220.000	364.70
25.650	0.00	91.32	91.33	0.00	0.00	8,219.000	364.70
25.700	0.00	91.31	91.32	0.00	0.00	8,218.000	364.70
25.750	0.00	91.30	91.31	0.00	0.00	8,218.000	364.70

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
25.800	0.00	91.30	91.30	0.00	0.00	8,217.000	364.70
25.850	0.00	91.29	91.30	0.00	0.00	8,217.000	364.70
25.900	0.00	91.29	91.29	0.00	0.00	8,216.000	364.70
25.950	0.00	91.28	91.29	0.00	0.00	8,216.000	364.70
26.000	0.00	91.28	91.28	0.00	0.00	8,215.000	364.70
26.050	0.00	91.28	91.28	0.00	0.00	8,215.000	364.70
26.100	0.00	91.27	91.28	0.00	0.00	8,215.000	364.70
26.150	0.00	91.27	91.27	0.00	0.00	8,214.000	364.70
26.200	0.00	91.27	91.27	0.00	0.00	8,214.000	364.70
26.250	0.00	91.27	91.27	0.00	0.00	8,213.000	364.70
26.300	0.00	91.26	91.27	0.00	0.00	8,213.000	364.70
26.350	0.00	91.26	91.26	0.00	0.00	8,213.000	364.70
26.400	0.00	91.26	91.26	0.00	0.00	8,213.000	364.70
26.450	0.00	91.26	91.26	0.00	0.00	8,213.000	364.70
26.500	0.00	91.26	91.26	0.00	0.00	8,213.000	364.70
26.550	0.00	91.26	91.26	0.00	0.00	8,213.000	364.70
26.600	0.00	91.26	91.26	0.00	0.00	8,213.000	364.70
26.650	0.00	91.26	91.26	0.00	0.00	8,213.000	364.70
26.700	0.00	91.26	91.26	0.00	0.00	8,213.000	364.70
26.750	0.00	91.25	91.26	0.00	0.00	8,213.000	364.70
26.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
26.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
26.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
26.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.050	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.100	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.150	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.200	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.250	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.300	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.350	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.400	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.450	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
27.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
27.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.050	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.100	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.150	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.200	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.250	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.300	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.350	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.400	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.450	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
28.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.050	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.100	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.150	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.200	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.250	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.300	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.350	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.400	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.450	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
29.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
30.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.050	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.100	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.150	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.200	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.250	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.300	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.350	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.400	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.450	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
30.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.050	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.100	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.150	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.200	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.250	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.300	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.350	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.400	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.450	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
31.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.050	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
32.100	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.150	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.200	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.250	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.300	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.350	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.400	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.450	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
32.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.050	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.100	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.150	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.200	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.250	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.300	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.350	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.400	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.450	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
33.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.050	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.100	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.150	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
34.200	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.250	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.300	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.350	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.400	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.450	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.500	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.550	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.600	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.650	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.700	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.750	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.800	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.850	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.900	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
34.950	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70
35.000	0.00	91.25	91.25	0.00	0.00	8,213.000	364.70

Subsection: Pond Inflow Summary Return Event: 1 years
Label: POND 1A (IN) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Summary for Hydrograph Addition at 'POND 1A'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	EDA-1A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	EDA-1A	5,241.374	12.200	1.01
Flow (In)	POND 1A	5,241.374	12.200	1.01

Subsection: Pond Inflow Summary Return Event: 10 years
Label: POND 1A (IN) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Summary for Hydrograph Addition at 'POND 1A'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	EDA-1A

Existing Hydrologic Calculations

Subsection: Pond Inflow Summary — Return Event: 10 years
Label: POND 1A (IN) — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	EDA-1A	19,440.151	12.200	4.53
Flow (In)	POND 1A	19,440.151	12.200	4.53

Subsection: Pond Inflow Summary — Return Event: 100 years
Label: POND 1A (IN) — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Summary for Hydrograph Addition at 'POND 1A'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	EDA-1A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	EDA-1A	51,666.693	12.200	12.16
Flow (In)	POND 1A	51,666.693	12.200	12.16

Subsection: Elevation-Volume-Flow Table (Pond) — Return Event: 1 years
Label: POND 1B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	338.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
338.00	0.00	0.000	0.034	0.00	0.00	0.00
338.05	0.00	74.936	0.035	0.00	0.00	0.83
338.10	0.00	152.782	0.036	0.00	0.00	1.70

Existing Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 1 years
Label: POND 1B Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
338.15	0.00	233.593	0.038	0.00	0.00	2.60
338.20	0.00	317.424	0.039	0.00	0.00	3.53
338.25	0.00	404.332	0.041	0.00	0.00	4.49
338.30	0.00	494.370	0.042	0.00	0.00	5.49
338.35	0.00	587.595	0.044	0.00	0.00	6.53
338.40	0.00	684.062	0.045	0.00	0.00	7.60
338.45	0.00	783.827	0.047	0.00	0.00	8.71
338.50	0.11	886.944	0.048	0.00	0.11	9.97
338.55	0.74	993.470	0.050	0.00	0.74	11.78
338.60	1.66	1,103.460	0.051	0.00	1.66	13.92
338.65	2.80	1,216.969	0.053	0.00	2.80	16.32
338.70	3.74	1,334.052	0.055	0.00	3.74	18.57
338.75	3.85	1,454.766	0.056	0.00	3.85	20.01
338.80	3.95	1,579.164	0.058	0.00	3.95	21.50
338.85	4.06	1,707.304	0.060	0.00	4.06	23.03
338.90	4.16	1,839.240	0.061	0.00	4.16	24.59
338.95	4.26	1,975.027	0.063	0.00	4.26	26.20
339.00	4.35	2,114.722	0.065	0.00	4.35	27.85
339.05	4.44	2,258.379	0.067	0.00	4.44	29.53
339.10	4.53	2,406.054	0.069	0.00	4.53	31.26
339.15	4.62	2,557.803	0.071	0.00	4.62	33.04
339.20	4.71	2,713.680	0.073	0.00	4.71	34.86
339.25	4.79	2,873.741	0.074	0.00	4.79	36.72
339.30	4.88	3,038.042	0.076	0.00	4.88	38.63
339.35	4.96	3,206.638	0.078	0.00	4.96	40.59
339.40	5.04	3,379.584	0.080	0.00	5.04	42.59
339.45	5.12	3,556.936	0.082	0.00	5.12	44.64
339.50	5.20	3,738.750	0.085	0.00	5.20	46.74
339.55	5.28	3,925.080	0.087	0.00	5.28	48.89
339.60	5.36	4,115.982	0.089	0.00	5.36	51.09
339.65	5.43	4,311.512	0.091	0.00	5.43	53.34
339.70	5.50	4,511.724	0.093	0.00	5.50	55.63
339.75	5.58	4,716.675	0.095	0.00	5.58	57.99
339.80	5.65	4,926.420	0.097	0.00	5.65	60.39
339.85	5.72	5,141.014	0.100	0.00	5.72	62.84
339.90	5.79	5,360.512	0.102	0.00	5.79	65.35
339.95	5.86	5,584.970	0.104	0.00	5.86	67.92
340.00	5.93	5,814.444	0.107	0.00	5.93	70.54
340.05	6.00	6,048.460	0.108	0.00	6.00	73.20
340.10	6.07	6,286.529	0.110	0.00	6.07	75.92
340.15	6.13	6,528.686	0.112	0.00	6.13	78.67
340.20	6.20	6,774.968	0.114	0.00	6.20	81.48
340.25	6.26	7,025.407	0.116	0.00	6.26	84.32

Existing Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 1 years
Label: POND 1B Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
340.30	6.33	7,280.040	0.118	0.00	6.33	87.22
340.35	6.39	7,538.900	0.120	0.00	6.39	90.16
340.40	6.46	7,802.023	0.122	0.00	6.46	93.15
340.45	6.52	8,069.443	0.124	0.00	6.52	96.18
340.50	6.58	8,341.196	0.126	0.00	6.58	99.26
340.55	6.64	8,617.316	0.128	0.00	6.64	102.39
340.60	6.71	8,897.838	0.130	0.00	6.71	105.57
340.65	6.77	9,182.797	0.132	0.00	6.77	108.80
340.70	6.82	9,472.227	0.134	0.00	6.82	112.07
340.75	6.88	9,766.163	0.136	0.00	6.88	115.40
340.80	6.94	10,064.641	0.138	0.00	6.94	118.77
340.85	7.00	10,367.695	0.140	0.00	7.00	122.20
340.90	7.06	10,675.359	0.142	0.00	7.06	125.68
340.95	7.12	10,987.669	0.144	0.00	7.12	129.20
341.00	7.17	11,304.660	0.147	0.00	7.17	132.78
341.05	7.23	11,626.365	0.149	0.00	7.23	136.41
341.10	7.29	11,952.821	0.151	0.00	7.29	140.10
341.15	7.34	12,284.062	0.153	0.00	7.34	143.83
341.20	7.40	12,620.122	0.155	0.00	7.40	147.62
341.25	7.45	12,961.037	0.158	0.00	7.45	151.46
341.30	7.51	13,306.841	0.160	0.00	7.51	155.36
341.35	7.56	13,657.569	0.162	0.00	7.56	159.31
341.40	7.61	14,013.256	0.164	0.00	7.61	163.32
341.45	7.67	14,373.936	0.167	0.00	7.67	167.38
341.50	7.72	14,739.646	0.169	0.00	7.72	171.49
341.55	7.77	15,110.418	0.171	0.00	7.77	175.67
341.60	7.82	15,486.289	0.174	0.00	7.82	179.89
341.65	7.88	15,867.293	0.176	0.00	7.88	184.18
341.70	7.93	16,253.464	0.178	0.00	7.93	188.52
341.75	7.98	16,644.838	0.181	0.00	7.98	192.92
341.80	8.03	17,041.449	0.183	0.00	8.03	197.38
341.85	8.08	17,443.333	0.186	0.00	8.08	201.90
341.90	8.13	17,850.524	0.188	0.00	8.13	206.47
341.95	8.18	18,263.056	0.191	0.00	8.18	211.10
342.00	8.23	18,680.965	0.193	0.00	8.23	215.80
342.05	8.72	19,104.286	0.196	0.00	8.72	220.99
342.10	9.82	19,533.053	0.198	0.00	9.82	226.86
342.15	11.57	19,967.301	0.201	0.00	11.57	233.43

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 10 years
Label: POND 1B Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Existing Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond)
Label: POND 1B
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Return Event: 10 years
Storm Event: TypeIII 24hr (5.1 in)

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	338.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
338.00	0.00	0.000	0.034	0.00	0.00	0.00
338.05	0.00	74.936	0.035	0.00	0.00	0.83
338.10	0.00	152.782	0.036	0.00	0.00	1.70
338.15	0.00	233.593	0.038	0.00	0.00	2.60
338.20	0.00	317.424	0.039	0.00	0.00	3.53
338.25	0.00	404.332	0.041	0.00	0.00	4.49
338.30	0.00	494.370	0.042	0.00	0.00	5.49
338.35	0.00	587.595	0.044	0.00	0.00	6.53
338.40	0.00	684.062	0.045	0.00	0.00	7.60
338.45	0.00	783.827	0.047	0.00	0.00	8.71
338.50	0.11	886.944	0.048	0.00	0.11	9.97
338.55	0.74	993.470	0.050	0.00	0.74	11.78
338.60	1.66	1,103.460	0.051	0.00	1.66	13.92
338.65	2.80	1,216.969	0.053	0.00	2.80	16.32
338.70	3.74	1,334.052	0.055	0.00	3.74	18.57
338.75	3.85	1,454.766	0.056	0.00	3.85	20.01
338.80	3.95	1,579.164	0.058	0.00	3.95	21.50
338.85	4.06	1,707.304	0.060	0.00	4.06	23.03
338.90	4.16	1,839.240	0.061	0.00	4.16	24.59
338.95	4.26	1,975.027	0.063	0.00	4.26	26.20
339.00	4.35	2,114.722	0.065	0.00	4.35	27.85
339.05	4.44	2,258.379	0.067	0.00	4.44	29.53
339.10	4.53	2,406.054	0.069	0.00	4.53	31.26
339.15	4.62	2,557.803	0.071	0.00	4.62	33.04
339.20	4.71	2,713.680	0.073	0.00	4.71	34.86
339.25	4.79	2,873.741	0.074	0.00	4.79	36.72
339.30	4.88	3,038.042	0.076	0.00	4.88	38.63
339.35	4.96	3,206.638	0.078	0.00	4.96	40.59
339.40	5.04	3,379.584	0.080	0.00	5.04	42.59

Existing Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 10 years
Label: POND 1B Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
339.45	5.12	3,556.936	0.082	0.00	5.12	44.64
339.50	5.20	3,738.750	0.085	0.00	5.20	46.74
339.55	5.28	3,925.080	0.087	0.00	5.28	48.89
339.60	5.36	4,115.982	0.089	0.00	5.36	51.09
339.65	5.43	4,311.512	0.091	0.00	5.43	53.34
339.70	5.50	4,511.724	0.093	0.00	5.50	55.63
339.75	5.58	4,716.675	0.095	0.00	5.58	57.99
339.80	5.65	4,926.420	0.097	0.00	5.65	60.39
339.85	5.72	5,141.014	0.100	0.00	5.72	62.84
339.90	5.79	5,360.512	0.102	0.00	5.79	65.35
339.95	5.86	5,584.970	0.104	0.00	5.86	67.92
340.00	5.93	5,814.444	0.107	0.00	5.93	70.54
340.05	6.00	6,048.460	0.108	0.00	6.00	73.20
340.10	6.07	6,286.529	0.110	0.00	6.07	75.92
340.15	6.13	6,528.686	0.112	0.00	6.13	78.67
340.20	6.20	6,774.968	0.114	0.00	6.20	81.48
340.25	6.26	7,025.407	0.116	0.00	6.26	84.32
340.30	6.33	7,280.040	0.118	0.00	6.33	87.22
340.35	6.39	7,538.900	0.120	0.00	6.39	90.16
340.40	6.46	7,802.023	0.122	0.00	6.46	93.15
340.45	6.52	8,069.443	0.124	0.00	6.52	96.18
340.50	6.58	8,341.196	0.126	0.00	6.58	99.26
340.55	6.64	8,617.316	0.128	0.00	6.64	102.39
340.60	6.71	8,897.838	0.130	0.00	6.71	105.57
340.65	6.77	9,182.797	0.132	0.00	6.77	108.80
340.70	6.82	9,472.227	0.134	0.00	6.82	112.07
340.75	6.88	9,766.163	0.136	0.00	6.88	115.40
340.80	6.94	10,064.641	0.138	0.00	6.94	118.77
340.85	7.00	10,367.695	0.140	0.00	7.00	122.20
340.90	7.06	10,675.359	0.142	0.00	7.06	125.68
340.95	7.12	10,987.669	0.144	0.00	7.12	129.20
341.00	7.17	11,304.660	0.147	0.00	7.17	132.78
341.05	7.23	11,626.365	0.149	0.00	7.23	136.41
341.10	7.29	11,952.821	0.151	0.00	7.29	140.10
341.15	7.34	12,284.062	0.153	0.00	7.34	143.83
341.20	7.40	12,620.122	0.155	0.00	7.40	147.62
341.25	7.45	12,961.037	0.158	0.00	7.45	151.46
341.30	7.51	13,306.841	0.160	0.00	7.51	155.36
341.35	7.56	13,657.569	0.162	0.00	7.56	159.31
341.40	7.61	14,013.256	0.164	0.00	7.61	163.32
341.45	7.67	14,373.936	0.167	0.00	7.67	167.38
341.50	7.72	14,739.646	0.169	0.00	7.72	171.49
341.55	7.77	15,110.418	0.171	0.00	7.77	175.67

Existing Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 10 years
Label: POND 1B Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
341.60	7.82	15,486.289	0.174	0.00	7.82	179.89
341.65	7.88	15,867.293	0.176	0.00	7.88	184.18
341.70	7.93	16,253.464	0.178	0.00	7.93	188.52
341.75	7.98	16,644.838	0.181	0.00	7.98	192.92
341.80	8.03	17,041.449	0.183	0.00	8.03	197.38
341.85	8.08	17,443.333	0.186	0.00	8.08	201.90
341.90	8.13	17,850.524	0.188	0.00	8.13	206.47
341.95	8.18	18,263.056	0.191	0.00	8.18	211.10
342.00	8.23	18,680.965	0.193	0.00	8.23	215.80
342.05	8.72	19,104.286	0.196	0.00	8.72	220.99
342.10	9.82	19,533.053	0.198	0.00	9.82	226.86
342.15	11.57	19,967.301	0.201	0.00	11.57	233.43

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 100 years
Label: POND 1B Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	338.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
338.00	0.00	0.000	0.034	0.00	0.00	0.00
338.05	0.00	74.936	0.035	0.00	0.00	0.83
338.10	0.00	152.782	0.036	0.00	0.00	1.70
338.15	0.00	233.593	0.038	0.00	0.00	2.60
338.20	0.00	317.424	0.039	0.00	0.00	3.53
338.25	0.00	404.332	0.041	0.00	0.00	4.49
338.30	0.00	494.370	0.042	0.00	0.00	5.49
338.35	0.00	587.595	0.044	0.00	0.00	6.53

Existing Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 100 years
Label: POND 1B Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
338.40	0.00	684.062	0.045	0.00	0.00	7.60
338.45	0.00	783.827	0.047	0.00	0.00	8.71
338.50	0.11	886.944	0.048	0.00	0.11	9.97
338.55	0.74	993.470	0.050	0.00	0.74	11.78
338.60	1.66	1,103.460	0.051	0.00	1.66	13.92
338.65	2.80	1,216.969	0.053	0.00	2.80	16.32
338.70	3.74	1,334.052	0.055	0.00	3.74	18.57
338.75	3.85	1,454.766	0.056	0.00	3.85	20.01
338.80	3.95	1,579.164	0.058	0.00	3.95	21.50
338.85	4.06	1,707.304	0.060	0.00	4.06	23.03
338.90	4.16	1,839.240	0.061	0.00	4.16	24.59
338.95	4.26	1,975.027	0.063	0.00	4.26	26.20
339.00	4.35	2,114.722	0.065	0.00	4.35	27.85
339.05	4.44	2,258.379	0.067	0.00	4.44	29.53
339.10	4.53	2,406.054	0.069	0.00	4.53	31.26
339.15	4.62	2,557.803	0.071	0.00	4.62	33.04
339.20	4.71	2,713.680	0.073	0.00	4.71	34.86
339.25	4.79	2,873.741	0.074	0.00	4.79	36.72
339.30	4.88	3,038.042	0.076	0.00	4.88	38.63
339.35	4.96	3,206.638	0.078	0.00	4.96	40.59
339.40	5.04	3,379.584	0.080	0.00	5.04	42.59
339.45	5.12	3,556.936	0.082	0.00	5.12	44.64
339.50	5.20	3,738.750	0.085	0.00	5.20	46.74
339.55	5.28	3,925.080	0.087	0.00	5.28	48.89
339.60	5.36	4,115.982	0.089	0.00	5.36	51.09
339.65	5.43	4,311.512	0.091	0.00	5.43	53.34
339.70	5.50	4,511.724	0.093	0.00	5.50	55.63
339.75	5.58	4,716.675	0.095	0.00	5.58	57.99
339.80	5.65	4,926.420	0.097	0.00	5.65	60.39
339.85	5.72	5,141.014	0.100	0.00	5.72	62.84
339.90	5.79	5,360.512	0.102	0.00	5.79	65.35
339.95	5.86	5,584.970	0.104	0.00	5.86	67.92
340.00	5.93	5,814.444	0.107	0.00	5.93	70.54
340.05	6.00	6,048.460	0.108	0.00	6.00	73.20
340.10	6.07	6,286.529	0.110	0.00	6.07	75.92
340.15	6.13	6,528.686	0.112	0.00	6.13	78.67
340.20	6.20	6,774.968	0.114	0.00	6.20	81.48
340.25	6.26	7,025.407	0.116	0.00	6.26	84.32
340.30	6.33	7,280.040	0.118	0.00	6.33	87.22
340.35	6.39	7,538.900	0.120	0.00	6.39	90.16
340.40	6.46	7,802.023	0.122	0.00	6.46	93.15
340.45	6.52	8,069.443	0.124	0.00	6.52	96.18
340.50	6.58	8,341.196	0.126	0.00	6.58	99.26

Existing Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 100 years
Label: POND 1B Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
340.55	6.64	8,617.316	0.128	0.00	6.64	102.39
340.60	6.71	8,897.838	0.130	0.00	6.71	105.57
340.65	6.77	9,182.797	0.132	0.00	6.77	108.80
340.70	6.82	9,472.227	0.134	0.00	6.82	112.07
340.75	6.88	9,766.163	0.136	0.00	6.88	115.40
340.80	6.94	10,064.641	0.138	0.00	6.94	118.77
340.85	7.00	10,367.695	0.140	0.00	7.00	122.20
340.90	7.06	10,675.359	0.142	0.00	7.06	125.68
340.95	7.12	10,987.669	0.144	0.00	7.12	129.20
341.00	7.17	11,304.660	0.147	0.00	7.17	132.78
341.05	7.23	11,626.365	0.149	0.00	7.23	136.41
341.10	7.29	11,952.821	0.151	0.00	7.29	140.10
341.15	7.34	12,284.062	0.153	0.00	7.34	143.83
341.20	7.40	12,620.122	0.155	0.00	7.40	147.62
341.25	7.45	12,961.037	0.158	0.00	7.45	151.46
341.30	7.51	13,306.841	0.160	0.00	7.51	155.36
341.35	7.56	13,657.569	0.162	0.00	7.56	159.31
341.40	7.61	14,013.256	0.164	0.00	7.61	163.32
341.45	7.67	14,373.936	0.167	0.00	7.67	167.38
341.50	7.72	14,739.646	0.169	0.00	7.72	171.49
341.55	7.77	15,110.418	0.171	0.00	7.77	175.67
341.60	7.82	15,486.289	0.174	0.00	7.82	179.89
341.65	7.88	15,867.293	0.176	0.00	7.88	184.18
341.70	7.93	16,253.464	0.178	0.00	7.93	188.52
341.75	7.98	16,644.838	0.181	0.00	7.98	192.92
341.80	8.03	17,041.449	0.183	0.00	8.03	197.38
341.85	8.08	17,443.333	0.186	0.00	8.08	201.90
341.90	8.13	17,850.524	0.188	0.00	8.13	206.47
341.95	8.18	18,263.056	0.191	0.00	8.18	211.10
342.00	8.23	18,680.965	0.193	0.00	8.23	215.80
342.05	8.72	19,104.286	0.196	0.00	8.72	220.99
342.10	9.82	19,533.053	0.198	0.00	9.82	226.86
342.15	11.57	19,967.301	0.201	0.00	11.57	233.43

Subsection: Level Pool Pond Routing Summary Return Event: 1 years
Label: POND 1B (IN) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Infiltration

Infiltration Method (Computed)	No Infiltration

Initial Conditions

Existing Hydrologic Calculations

Subsection: Level Pool Pond Routing Summary — Return Event: 1 years
Label: POND 1B (IN) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Elevation (Water Surface, Initial)	338.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	1.49 ft³/s	Time to Peak (Flow, In)	12.150 hours
Flow (Peak Outlet)	1.38 ft³/s	Time to Peak (Flow, Outlet)	12.250 hours

Elevation (Water Surface, Peak)	338.58 ft
Volume (Peak)	1,069.931 ft³

Mass Balance (ft³)	
Volume (Initial)	0.000 ft³
Volume (Total Inflow)	6,472.000 ft³
Volume (Total Infiltration)	0.000 ft³
Volume (Total Outlet Outflow)	5,688.000 ft³
Volume (Retained)	784.000 ft³
Volume (Unrouted)	0.000 ft³
Error (Mass Balance)	0.0 %

Subsection: Level Pool Pond Routing Summary — Return Event: 10 years
Label: POND 1B (IN) — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	338.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Existing Hydrologic Calculations

Subsection: Level Pool Pond Routing Summary — Return Event: 10 years
Label: POND 1B (IN) — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	5.23 ft³/s	Time to Peak (Flow, In)	12.150 hours
Flow (Peak Outlet)	4.21 ft³/s	Time to Peak (Flow, Outlet)	12.250 hours

Elevation (Water Surface, Peak)	338.92 ft
Volume (Peak)	1,905.382 ft³

Mass Balance (ft³)	
Volume (Initial)	0.000 ft³
Volume (Total Inflow)	31,992.000 ft³
Volume (Total Infiltration)	0.000 ft³
Volume (Total Outlet Outflow)	31,208.000 ft³
Volume (Retained)	784.000 ft³
Volume (Unrouted)	0.000 ft³
Error (Mass Balance)	0.0 %

Subsection: Level Pool Pond Routing Summary — Return Event: 100 years
Label: POND 1B (IN) — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	338.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	20.86 ft³/s	Time to Peak (Flow, In)	12.200 hours
Flow (Peak Outlet)	10.50 ft³/s	Time to Peak (Flow, Outlet)	12.550 hours

Elevation (Water Surface, Peak)	342.12 ft
Volume (Peak)	19,701.319 ft³

Existing Hydrologic Calculations

Subsection: Level Pool Pond Routing Summary
Return Event: 100 years
Label: POND 1B (IN)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Mass Balance (ft³)

Volume (Initial)	0.000 ft³
Volume (Total Inflow)	94,628.000 ft³
Volume (Total Infiltration)	0.000 ft³
Volume (Total Outlet Outflow)	93,844.000 ft³
Volume (Retained)	784.000 ft³
Volume (Unrouted)	0.000 ft³
Error (Mass Balance)	0.0 %

Subsection: Pond Routing Calculations (Total Out)
Return Event: 1 years
Label: POND 1B (OUT)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
1.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
3.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
5.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
7.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
9.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
9.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
10.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
11.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
11.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
11.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
11.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
11.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
11.250	0.01	0.01	0.01	0.00	0.00	1.000	338.00
11.300	0.01	0.03	0.03	0.00	0.00	2.000	338.00
11.350	0.01	0.05	0.05	0.00	0.00	4.000	338.00
11.400	0.02	0.08	0.08	0.00	0.00	7.000	338.00
11.450	0.02	0.13	0.13	0.00	0.00	11.000	338.01
11.500	0.03	0.18	0.18	0.00	0.00	16.000	338.01
11.550	0.04	0.25	0.25	0.00	0.00	22.000	338.01
11.600	0.05	0.34	0.34	0.00	0.00	30.000	338.02
11.650	0.07	0.46	0.46	0.00	0.00	41.000	338.03
11.700	0.10	0.63	0.63	0.00	0.00	56.000	338.04
11.750	0.14	0.87	0.87	0.00	0.00	78.000	338.05
11.800	0.19	1.20	1.20	0.00	0.00	107.000	338.07
11.850	0.26	1.65	1.65	0.00	0.00	148.000	338.10

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
11.900	0.34	2.25	2.25	0.00	0.00	202.000	338.13
11.950	0.47	3.06	3.06	0.00	0.00	275.000	338.17
12.000	0.71	4.25	4.25	0.00	0.00	382.000	338.24
12.050	1.02	5.98	5.98	0.00	0.00	538.000	338.32
12.100	1.31	8.32	8.32	0.00	0.00	748.000	338.43
12.150	1.49	10.10	11.12	0.00	0.51	954.000	338.53
12.200	1.47	10.48	13.06	0.00	1.29	1,059.000	338.58
12.250	1.32	10.51	13.28	0.00	1.38	1,070.000	338.58
12.300	1.17	10.47	13.00	0.00	1.26	1,056.000	338.58
12.350	1.04	10.43	12.68	0.00	1.13	1,039.000	338.57
12.400	0.93	10.39	12.40	0.00	1.01	1,025.000	338.56
12.450	0.82	10.35	12.14	0.00	0.89	1,012.000	338.56
12.500	0.71	10.31	11.88	0.00	0.78	999.000	338.55
12.550	0.60	10.25	11.63	0.00	0.69	984.000	338.55
12.600	0.51	10.17	11.36	0.00	0.60	969.000	338.54
12.650	0.43	10.09	11.11	0.00	0.51	954.000	338.53
12.700	0.38	10.03	10.91	0.00	0.44	942.000	338.53
12.750	0.35	9.99	10.76	0.00	0.39	933.000	338.52
12.800	0.33	9.96	10.67	0.00	0.35	928.000	338.52
12.850	0.31	9.94	10.60	0.00	0.33	924.000	338.52
12.900	0.30	9.92	10.54	0.00	0.31	920.000	338.52
12.950	0.28	9.91	10.50	0.00	0.30	918.000	338.51
13.000	0.27	9.89	10.46	0.00	0.28	915.000	338.51
13.050	0.26	9.88	10.42	0.00	0.27	913.000	338.51
13.100	0.25	9.87	10.38	0.00	0.26	911.000	338.51
13.150	0.24	9.86	10.35	0.00	0.25	909.000	338.51
13.200	0.23	9.85	10.33	0.00	0.24	908.000	338.51
13.250	0.23	9.85	10.31	0.00	0.23	907.000	338.51
13.300	0.22	9.84	10.30	0.00	0.23	906.000	338.51
13.350	0.22	9.84	10.28	0.00	0.22	905.000	338.51
13.400	0.22	9.84	10.27	0.00	0.22	905.000	338.51
13.450	0.21	9.83	10.26	0.00	0.21	904.000	338.51
13.500	0.21	9.83	10.25	0.00	0.21	904.000	338.51
13.550	0.21	9.83	10.25	0.00	0.21	903.000	338.51
13.600	0.20	9.83	10.24	0.00	0.21	903.000	338.51
13.650	0.20	9.82	10.23	0.00	0.20	902.000	338.51
13.700	0.20	9.82	10.22	0.00	0.20	901.000	338.51
13.750	0.19	9.82	10.21	0.00	0.20	901.000	338.51
13.800	0.19	9.81	10.20	0.00	0.19	900.000	338.51
13.850	0.19	9.81	10.19	0.00	0.19	900.000	338.51
13.900	0.18	9.81	10.18	0.00	0.19	899.000	338.51
13.950	0.18	9.80	10.17	0.00	0.18	899.000	338.51

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
14.000	0.18	9.80	10.16	0.00	0.18	898.000	338.51
14.050	0.17	9.80	10.15	0.00	0.18	897.000	338.51
14.100	0.17	9.80	10.14	0.00	0.17	897.000	338.50
14.150	0.17	9.79	10.13	0.00	0.17	896.000	338.50
14.200	0.16	9.79	10.12	0.00	0.17	896.000	338.50
14.250	0.16	9.79	10.12	0.00	0.16	896.000	338.50
14.300	0.16	9.79	10.11	0.00	0.16	895.000	338.50
14.350	0.16	9.79	10.11	0.00	0.16	895.000	338.50
14.400	0.16	9.78	10.10	0.00	0.16	895.000	338.50
14.450	0.16	9.78	10.10	0.00	0.16	894.000	338.50
14.500	0.15	9.78	10.09	0.00	0.16	894.000	338.50
14.550	0.15	9.78	10.09	0.00	0.15	894.000	338.50
14.600	0.15	9.78	10.08	0.00	0.15	894.000	338.50
14.650	0.15	9.78	10.08	0.00	0.15	893.000	338.50
14.700	0.15	9.77	10.07	0.00	0.15	893.000	338.50
14.750	0.15	9.77	10.07	0.00	0.15	893.000	338.50
14.800	0.14	9.77	10.06	0.00	0.15	892.000	338.50
14.850	0.14	9.77	10.06	0.00	0.14	892.000	338.50
14.900	0.14	9.77	10.05	0.00	0.14	892.000	338.50
14.950	0.14	9.77	10.05	0.00	0.14	892.000	338.50
15.000	0.14	9.77	10.04	0.00	0.14	891.000	338.50
15.050	0.13	9.76	10.04	0.00	0.14	891.000	338.50
15.100	0.13	9.76	10.03	0.00	0.13	891.000	338.50
15.150	0.13	9.76	10.03	0.00	0.13	890.000	338.50
15.200	0.13	9.76	10.02	0.00	0.13	890.000	338.50
15.250	0.13	9.76	10.02	0.00	0.13	890.000	338.50
15.300	0.13	9.76	10.01	0.00	0.13	890.000	338.50
15.350	0.12	9.75	10.01	0.00	0.13	889.000	338.50
15.400	0.12	9.75	10.00	0.00	0.12	889.000	338.50
15.450	0.12	9.75	10.00	0.00	0.12	889.000	338.50
15.500	0.12	9.75	9.99	0.00	0.12	888.000	338.50
15.550	0.12	9.75	9.99	0.00	0.12	888.000	338.50
15.600	0.11	9.75	9.98	0.00	0.12	888.000	338.50
15.650	0.11	9.74	9.97	0.00	0.11	887.000	338.50
15.700	0.11	9.74	9.97	0.00	0.11	887.000	338.50
15.750	0.11	9.74	9.96	0.00	0.11	887.000	338.50
15.800	0.11	9.73	9.96	0.00	0.11	886.000	338.50
15.850	0.11	9.73	9.95	0.00	0.11	885.000	338.50
15.900	0.10	9.72	9.93	0.00	0.11	884.000	338.50
15.950	0.10	9.70	9.92	0.00	0.11	883.000	338.50
16.000	0.10	9.69	9.91	0.00	0.11	882.000	338.50
16.050	0.10	9.68	9.89	0.00	0.11	880.000	338.50

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
16.100	0.10	9.66	9.87	0.00	0.10	879.000	338.50
16.150	0.09	9.65	9.86	0.00	0.10	878.000	338.50
16.200	0.09	9.64	9.84	0.00	0.10	876.000	338.49
16.250	0.09	9.62	9.82	0.00	0.10	875.000	338.49
16.300	0.09	9.61	9.81	0.00	0.10	874.000	338.49
16.350	0.09	9.60	9.79	0.00	0.10	873.000	338.49
16.400	0.09	9.59	9.78	0.00	0.10	871.000	338.49
16.450	0.09	9.58	9.77	0.00	0.09	870.000	338.49
16.500	0.09	9.57	9.76	0.00	0.09	869.000	338.49
16.550	0.09	9.56	9.74	0.00	0.09	868.000	338.49
16.600	0.09	9.55	9.73	0.00	0.09	867.000	338.49
16.650	0.09	9.54	9.72	0.00	0.09	867.000	338.49
16.700	0.08	9.53	9.71	0.00	0.09	866.000	338.49
16.750	0.08	9.52	9.70	0.00	0.09	865.000	338.49
16.800	0.08	9.52	9.69	0.00	0.09	864.000	338.49
16.850	0.08	9.51	9.68	0.00	0.09	863.000	338.49
16.900	0.08	9.50	9.67	0.00	0.09	862.000	338.49
16.950	0.08	9.49	9.66	0.00	0.08	862.000	338.49
17.000	0.08	9.48	9.65	0.00	0.08	861.000	338.49
17.050	0.08	9.48	9.64	0.00	0.08	860.000	338.49
17.100	0.08	9.47	9.63	0.00	0.08	859.000	338.49
17.150	0.08	9.46	9.62	0.00	0.08	858.000	338.49
17.200	0.08	9.45	9.61	0.00	0.08	858.000	338.49
17.250	0.08	9.44	9.60	0.00	0.08	857.000	338.49
17.300	0.07	9.44	9.59	0.00	0.08	856.000	338.49
17.350	0.07	9.43	9.58	0.00	0.08	855.000	338.48
17.400	0.07	9.42	9.57	0.00	0.08	854.000	338.48
17.450	0.07	9.41	9.56	0.00	0.08	854.000	338.48
17.500	0.07	9.40	9.56	0.00	0.08	853.000	338.48
17.550	0.07	9.40	9.55	0.00	0.07	852.000	338.48
17.600	0.07	9.39	9.54	0.00	0.07	851.000	338.48
17.650	0.07	9.38	9.53	0.00	0.07	850.000	338.48
17.700	0.07	9.37	9.52	0.00	0.07	850.000	338.48
17.750	0.07	9.36	9.51	0.00	0.07	849.000	338.48
17.800	0.07	9.36	9.50	0.00	0.07	848.000	338.48
17.850	0.06	9.35	9.49	0.00	0.07	847.000	338.48
17.900	0.06	9.34	9.48	0.00	0.07	846.000	338.48
17.950	0.06	9.33	9.47	0.00	0.07	846.000	338.48
18.000	0.06	9.32	9.46	0.00	0.07	845.000	338.48
18.050	0.06	9.32	9.45	0.00	0.07	844.000	338.48
18.100	0.06	9.31	9.44	0.00	0.07	843.000	338.48
18.150	0.06	9.30	9.43	0.00	0.06	842.000	338.48

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
18.200	0.06	9.29	9.42	0.00	0.06	842.000	338.48
18.250	0.06	9.29	9.41	0.00	0.06	841.000	338.48
18.300	0.06	9.28	9.40	0.00	0.06	840.000	338.48
18.350	0.06	9.27	9.40	0.00	0.06	840.000	338.48
18.400	0.06	9.27	9.39	0.00	0.06	839.000	338.48
18.450	0.06	9.27	9.39	0.00	0.06	839.000	338.48
18.500	0.06	9.26	9.38	0.00	0.06	839.000	338.48
18.550	0.06	9.26	9.38	0.00	0.06	838.000	338.48
18.600	0.06	9.25	9.37	0.00	0.06	838.000	338.48
18.650	0.06	9.25	9.37	0.00	0.06	838.000	338.48
18.700	0.06	9.25	9.37	0.00	0.06	837.000	338.48
18.750	0.06	9.25	9.36	0.00	0.06	837.000	338.48
18.800	0.06	9.24	9.36	0.00	0.06	837.000	338.48
18.850	0.06	9.24	9.36	0.00	0.06	836.000	338.48
18.900	0.06	9.24	9.35	0.00	0.06	836.000	338.48
18.950	0.06	9.23	9.35	0.00	0.06	836.000	338.48
19.000	0.06	9.23	9.35	0.00	0.06	836.000	338.48
19.050	0.06	9.23	9.34	0.00	0.06	835.000	338.48
19.100	0.05	9.23	9.34	0.00	0.06	835.000	338.48
19.150	0.05	9.22	9.34	0.00	0.06	835.000	338.47
19.200	0.05	9.22	9.33	0.00	0.06	835.000	338.47
19.250	0.05	9.22	9.33	0.00	0.06	834.000	338.47
19.300	0.05	9.22	9.33	0.00	0.06	834.000	338.47
19.350	0.05	9.21	9.32	0.00	0.05	834.000	338.47
19.400	0.05	9.21	9.32	0.00	0.05	834.000	338.47
19.450	0.05	9.21	9.32	0.00	0.05	833.000	338.47
19.500	0.05	9.21	9.32	0.00	0.05	833.000	338.47
19.550	0.05	9.21	9.31	0.00	0.05	833.000	338.47
19.600	0.05	9.20	9.31	0.00	0.05	833.000	338.47
19.650	0.05	9.20	9.31	0.00	0.05	832.000	338.47
19.700	0.05	9.20	9.30	0.00	0.05	832.000	338.47
19.750	0.05	9.20	9.30	0.00	0.05	832.000	338.47
19.800	0.05	9.19	9.30	0.00	0.05	832.000	338.47
19.850	0.05	9.19	9.30	0.00	0.05	831.000	338.47
19.900	0.05	9.19	9.29	0.00	0.05	831.000	338.47
19.950	0.05	9.19	9.29	0.00	0.05	831.000	338.47
20.000	0.05	9.18	9.29	0.00	0.05	831.000	338.47
20.050	0.05	9.18	9.28	0.00	0.05	831.000	338.47
20.100	0.05	9.18	9.28	0.00	0.05	830.000	338.47
20.150	0.05	9.18	9.28	0.00	0.05	830.000	338.47
20.200	0.05	9.17	9.28	0.00	0.05	830.000	338.47
20.250	0.05	9.17	9.27	0.00	0.05	830.000	338.47

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
20.300	0.05	9.17	9.27	0.00	0.05	829.000	338.47
20.350	0.05	9.17	9.27	0.00	0.05	829.000	338.47
20.400	0.05	9.17	9.27	0.00	0.05	829.000	338.47
20.450	0.05	9.16	9.26	0.00	0.05	829.000	338.47
20.500	0.05	9.16	9.26	0.00	0.05	829.000	338.47
20.550	0.05	9.16	9.26	0.00	0.05	828.000	338.47
20.600	0.05	9.16	9.26	0.00	0.05	828.000	338.47
20.650	0.05	9.16	9.25	0.00	0.05	828.000	338.47
20.700	0.05	9.15	9.25	0.00	0.05	828.000	338.47
20.750	0.05	9.15	9.25	0.00	0.05	828.000	338.47
20.800	0.05	9.15	9.25	0.00	0.05	827.000	338.47
20.850	0.05	9.15	9.24	0.00	0.05	827.000	338.47
20.900	0.05	9.15	9.24	0.00	0.05	827.000	338.47
20.950	0.05	9.15	9.24	0.00	0.05	827.000	338.47
21.000	0.05	9.14	9.24	0.00	0.05	827.000	338.47
21.050	0.05	9.14	9.24	0.00	0.05	827.000	338.47
21.100	0.05	9.14	9.23	0.00	0.05	826.000	338.47
21.150	0.05	9.14	9.23	0.00	0.05	826.000	338.47
21.200	0.05	9.14	9.23	0.00	0.05	826.000	338.47
21.250	0.05	9.13	9.23	0.00	0.05	826.000	338.47
21.300	0.05	9.13	9.22	0.00	0.05	826.000	338.47
21.350	0.04	9.13	9.22	0.00	0.05	826.000	338.47
21.400	0.04	9.13	9.22	0.00	0.05	825.000	338.47
21.450	0.04	9.13	9.22	0.00	0.05	825.000	338.47
21.500	0.04	9.13	9.22	0.00	0.05	825.000	338.47
21.550	0.04	9.12	9.21	0.00	0.05	825.000	338.47
21.600	0.04	9.12	9.21	0.00	0.04	825.000	338.47
21.650	0.04	9.12	9.21	0.00	0.04	824.000	338.47
21.700	0.04	9.12	9.21	0.00	0.04	824.000	338.47
21.750	0.04	9.12	9.20	0.00	0.04	824.000	338.47
21.800	0.04	9.11	9.20	0.00	0.04	824.000	338.47
21.850	0.04	9.11	9.20	0.00	0.04	824.000	338.47
21.900	0.04	9.11	9.20	0.00	0.04	823.000	338.47
21.950	0.04	9.11	9.20	0.00	0.04	823.000	338.47
22.000	0.04	9.11	9.19	0.00	0.04	823.000	338.47
22.050	0.04	9.11	9.19	0.00	0.04	823.000	338.47
22.100	0.04	9.10	9.19	0.00	0.04	823.000	338.47
22.150	0.04	9.10	9.19	0.00	0.04	823.000	338.47
22.200	0.04	9.10	9.18	0.00	0.04	822.000	338.47
22.250	0.04	9.10	9.18	0.00	0.04	822.000	338.47
22.300	0.04	9.10	9.18	0.00	0.04	822.000	338.47
22.350	0.04	9.09	9.18	0.00	0.04	822.000	338.47

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
22.400	0.04	9.09	9.18	0.00	0.04	822.000	338.47
22.450	0.04	9.09	9.17	0.00	0.04	821.000	338.47
22.500	0.04	9.09	9.17	0.00	0.04	821.000	338.47
22.550	0.04	9.09	9.17	0.00	0.04	821.000	338.47
22.600	0.04	9.08	9.17	0.00	0.04	821.000	338.47
22.650	0.04	9.08	9.16	0.00	0.04	821.000	338.47
22.700	0.04	9.08	9.16	0.00	0.04	821.000	338.47
22.750	0.04	9.08	9.16	0.00	0.04	820.000	338.47
22.800	0.04	9.08	9.16	0.00	0.04	820.000	338.47
22.850	0.04	9.08	9.16	0.00	0.04	820.000	338.47
22.900	0.04	9.07	9.15	0.00	0.04	820.000	338.47
22.950	0.04	9.07	9.15	0.00	0.04	820.000	338.47
23.000	0.04	9.07	9.15	0.00	0.04	819.000	338.47
23.050	0.04	9.07	9.15	0.00	0.04	819.000	338.47
23.100	0.04	9.07	9.14	0.00	0.04	819.000	338.47
23.150	0.04	9.06	9.14	0.00	0.04	819.000	338.47
23.200	0.04	9.06	9.14	0.00	0.04	819.000	338.47
23.250	0.04	9.06	9.14	0.00	0.04	818.000	338.47
23.300	0.04	9.06	9.13	0.00	0.04	818.000	338.47
23.350	0.04	9.06	9.13	0.00	0.04	818.000	338.47
23.400	0.04	9.05	9.13	0.00	0.04	818.000	338.47
23.450	0.04	9.05	9.13	0.00	0.04	818.000	338.47
23.500	0.04	9.05	9.13	0.00	0.04	818.000	338.47
23.550	0.04	9.05	9.12	0.00	0.04	817.000	338.47
23.600	0.04	9.05	9.12	0.00	0.04	817.000	338.47
23.650	0.04	9.05	9.12	0.00	0.04	817.000	338.47
23.700	0.04	9.04	9.12	0.00	0.04	817.000	338.47
23.750	0.03	9.04	9.11	0.00	0.04	817.000	338.47
23.800	0.03	9.04	9.11	0.00	0.04	816.000	338.47
23.850	0.03	9.04	9.11	0.00	0.04	816.000	338.47
23.900	0.03	9.04	9.11	0.00	0.04	816.000	338.47
23.950	0.03	9.03	9.10	0.00	0.04	816.000	338.47
24.000	0.03	9.03	9.10	0.00	0.03	816.000	338.47
24.050	0.03	9.03	9.10	0.00	0.03	815.000	338.47
24.100	0.02	9.02	9.08	0.00	0.03	814.000	338.46
24.150	0.01	8.99	9.05	0.00	0.03	812.000	338.46
24.200	0.01	8.96	9.01	0.00	0.03	809.000	338.46
24.250	0.00	8.92	8.97	0.00	0.02	805.000	338.46
24.300	0.00	8.89	8.93	0.00	0.02	802.000	338.46
24.350	0.00	8.86	8.89	0.00	0.02	799.000	338.46
24.400	0.00	8.84	8.86	0.00	0.01	796.000	338.46
24.450	0.00	8.81	8.84	0.00	0.01	794.000	338.46

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
24.500	0.00	8.80	8.81	0.00	0.01	792.000	338.45
24.550	0.00	8.78	8.80	0.00	0.01	791.000	338.45
24.600	0.00	8.77	8.78	0.00	0.01	790.000	338.45
24.650	0.00	8.76	8.77	0.00	0.01	789.000	338.45
24.700	0.00	8.75	8.76	0.00	0.00	788.000	338.45
24.750	0.00	8.74	8.75	0.00	0.00	787.000	338.45
24.800	0.00	8.74	8.74	0.00	0.00	786.000	338.45
24.850	0.00	8.73	8.74	0.00	0.00	786.000	338.45
24.900	0.00	8.73	8.73	0.00	0.00	786.000	338.45
24.950	0.00	8.72	8.73	0.00	0.00	785.000	338.45
25.000	0.00	8.72	8.72	0.00	0.00	785.000	338.45
25.050	0.00	8.72	8.72	0.00	0.00	785.000	338.45
25.100	0.00	8.72	8.72	0.00	0.00	785.000	338.45
25.150	0.00	8.72	8.72	0.00	0.00	784.000	338.45
25.200	0.00	8.71	8.72	0.00	0.00	784.000	338.45
25.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
25.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
25.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
25.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
25.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
25.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
25.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
25.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
25.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
25.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
25.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
25.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
25.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
25.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
25.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
26.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
28.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
30.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
32.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
35.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
1.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
3.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
5.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
7.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
7.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
8.950	0.00	0.01	0.01	0.00	0.00	1.000	338.00
9.000	0.00	0.01	0.01	0.00	0.00	1.000	338.00
9.050	0.01	0.03	0.03	0.00	0.00	2.000	338.00
9.100	0.01	0.04	0.04	0.00	0.00	4.000	338.00
9.150	0.01	0.06	0.06	0.00	0.00	6.000	338.00
9.200	0.01	0.09	0.09	0.00	0.00	8.000	338.01
9.250	0.02	0.12	0.12	0.00	0.00	11.000	338.01
9.300	0.02	0.16	0.16	0.00	0.00	14.000	338.01
9.350	0.02	0.20	0.20	0.00	0.00	18.000	338.01
9.400	0.03	0.25	0.25	0.00	0.00	22.000	338.01
9.450	0.03	0.30	0.30	0.00	0.00	27.000	338.02
9.500	0.03	0.36	0.36	0.00	0.00	32.000	338.02
9.550	0.03	0.43	0.43	0.00	0.00	38.000	338.03
9.600	0.04	0.50	0.50	0.00	0.00	45.000	338.03
9.650	0.04	0.58	0.58	0.00	0.00	52.000	338.03
9.700	0.05	0.67	0.67	0.00	0.00	60.000	338.04
9.750	0.05	0.76	0.76	0.00	0.00	69.000	338.05
9.800	0.05	0.86	0.86	0.00	0.00	78.000	338.05
9.850	0.06	0.97	0.97	0.00	0.00	87.000	338.06
9.900	0.06	1.09	1.09	0.00	0.00	98.000	338.06
9.950	0.06	1.21	1.21	0.00	0.00	109.000	338.07

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
10.000	0.07	1.34	1.34	0.00	0.00	121.000	338.08
10.050	0.07	1.48	1.48	0.00	0.00	133.000	338.09
10.100	0.08	1.63	1.63	0.00	0.00	147.000	338.10
10.150	0.08	1.79	1.79	0.00	0.00	161.000	338.11
10.200	0.09	1.96	1.96	0.00	0.00	176.000	338.11
10.250	0.09	2.14	2.14	0.00	0.00	192.000	338.12
10.300	0.10	2.33	2.33	0.00	0.00	209.000	338.14
10.350	0.10	2.53	2.53	0.00	0.00	227.000	338.15
10.400	0.11	2.74	2.74	0.00	0.00	247.000	338.16
10.450	0.12	2.97	2.97	0.00	0.00	267.000	338.17
10.500	0.12	3.21	3.21	0.00	0.00	288.000	338.18
10.550	0.13	3.46	3.46	0.00	0.00	311.000	338.20
10.600	0.14	3.73	3.73	0.00	0.00	335.000	338.21
10.650	0.14	4.01	4.01	0.00	0.00	361.000	338.23
10.700	0.15	4.31	4.31	0.00	0.00	388.000	338.24
10.750	0.16	4.62	4.62	0.00	0.00	416.000	338.26
10.800	0.17	4.95	4.95	0.00	0.00	445.000	338.27
10.850	0.18	5.30	5.30	0.00	0.00	476.000	338.29
10.900	0.19	5.66	5.66	0.00	0.00	509.000	338.31
10.950	0.19	6.04	6.04	0.00	0.00	543.000	338.33
11.000	0.20	6.43	6.43	0.00	0.00	579.000	338.35
11.050	0.21	6.85	6.85	0.00	0.00	616.000	338.36
11.100	0.22	7.29	7.29	0.00	0.00	655.000	338.39
11.150	0.24	7.75	7.75	0.00	0.00	697.000	338.41
11.200	0.26	8.24	8.24	0.00	0.00	742.000	338.43
11.250	0.28	8.77	8.78	0.00	0.01	789.000	338.45
11.300	0.30	9.23	9.34	0.00	0.06	835.000	338.48
11.350	0.32	9.65	9.85	0.00	0.10	877.000	338.50
11.400	0.35	9.85	10.32	0.00	0.23	907.000	338.51
11.450	0.37	9.93	10.57	0.00	0.32	922.000	338.52
11.500	0.40	9.97	10.71	0.00	0.37	930.000	338.52
11.550	0.44	10.00	10.82	0.00	0.41	936.000	338.52
11.600	0.51	10.05	10.96	0.00	0.46	945.000	338.53
11.650	0.62	10.11	11.18	0.00	0.53	958.000	338.53
11.700	0.78	10.22	11.51	0.00	0.65	977.000	338.54
11.750	0.97	10.33	11.96	0.00	0.82	1,003.000	338.55
11.800	1.21	10.40	12.50	0.00	1.05	1,030.000	338.57
11.850	1.47	10.48	13.08	0.00	1.30	1,060.000	338.58
11.900	1.78	10.57	13.73	0.00	1.58	1,094.000	338.60
11.950	2.24	10.63	14.59	0.00	1.98	1,135.000	338.61
12.000	3.06	10.70	15.94	0.00	2.62	1,198.000	338.64
12.050	4.05	10.96	17.81	0.00	3.43	1,294.000	338.68

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
12.100	4.86	12.19	19.86	0.00	3.84	1,442.000	338.74
12.150	5.23	14.26	22.27	0.00	4.01	1,643.000	338.83
12.200	4.94	16.14	24.43	0.00	4.15	1,826.000	338.89
12.250	4.30	16.97	25.38	0.00	4.21	1,905.000	338.92
12.300	3.68	16.59	24.95	0.00	4.18	1,869.000	338.91
12.350	3.22	15.31	23.49	0.00	4.09	1,746.000	338.86
12.400	2.81	13.46	21.34	0.00	3.94	1,566.000	338.79
12.450	2.45	11.21	18.72	0.00	3.75	1,347.000	338.71
12.500	2.17	10.69	15.83	0.00	2.57	1,193.000	338.64
12.550	2.08	10.65	14.94	0.00	2.14	1,151.000	338.62
12.600	1.97	10.64	14.70	0.00	2.03	1,140.000	338.62
12.650	1.87	10.63	14.47	0.00	1.92	1,129.000	338.61
12.700	1.80	10.62	14.29	0.00	1.84	1,121.000	338.61
12.750	1.76	10.61	14.18	0.00	1.78	1,115.000	338.61
12.800	1.72	10.61	14.09	0.00	1.74	1,112.000	338.60
12.850	1.69	10.61	14.02	0.00	1.71	1,108.000	338.60
12.900	1.65	10.60	13.95	0.00	1.67	1,105.000	338.60
12.950	1.62	10.59	13.87	0.00	1.64	1,101.000	338.60
13.000	1.57	10.58	13.78	0.00	1.60	1,096.000	338.60
13.050	1.53	10.57	13.68	0.00	1.56	1,091.000	338.59
13.100	1.48	10.55	13.58	0.00	1.51	1,085.000	338.59
13.150	1.44	10.54	13.48	0.00	1.47	1,080.000	338.59
13.200	1.41	10.53	13.39	0.00	1.43	1,076.000	338.59
13.250	1.38	10.51	13.31	0.00	1.40	1,072.000	338.59
13.300	1.35	10.50	13.24	0.00	1.37	1,068.000	338.58
13.350	1.32	10.50	13.17	0.00	1.34	1,065.000	338.58
13.400	1.30	10.49	13.11	0.00	1.31	1,062.000	338.58
13.450	1.27	10.48	13.05	0.00	1.29	1,059.000	338.58
13.500	1.25	10.47	13.00	0.00	1.26	1,056.000	338.58
13.550	1.22	10.46	12.94	0.00	1.24	1,053.000	338.58
13.600	1.20	10.46	12.89	0.00	1.22	1,050.000	338.58
13.650	1.18	10.45	12.84	0.00	1.19	1,047.000	338.57
13.700	1.16	10.44	12.78	0.00	1.17	1,045.000	338.57
13.750	1.14	10.43	12.73	0.00	1.15	1,042.000	338.57
13.800	1.11	10.43	12.68	0.00	1.13	1,039.000	338.57
13.850	1.09	10.42	12.63	0.00	1.11	1,037.000	338.57
13.900	1.07	10.41	12.58	0.00	1.09	1,034.000	338.57
13.950	1.05	10.41	12.53	0.00	1.06	1,032.000	338.57
14.000	1.03	10.40	12.48	0.00	1.04	1,029.000	338.57
14.050	1.01	10.39	12.44	0.00	1.02	1,027.000	338.57
14.100	0.99	10.39	12.39	0.00	1.00	1,025.000	338.56
14.150	0.97	10.38	12.35	0.00	0.98	1,022.000	338.56

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
14.200	0.95	10.37	12.31	0.00	0.97	1,020.000	338.56
14.250	0.94	10.37	12.27	0.00	0.95	1,018.000	338.56
14.300	0.93	10.36	12.23	0.00	0.93	1,017.000	338.56
14.350	0.91	10.36	12.20	0.00	0.92	1,015.000	338.56
14.400	0.90	10.35	12.17	0.00	0.91	1,013.000	338.56
14.450	0.89	10.35	12.14	0.00	0.89	1,012.000	338.56
14.500	0.87	10.35	12.11	0.00	0.88	1,010.000	338.56
14.550	0.86	10.34	12.08	0.00	0.87	1,009.000	338.56
14.600	0.85	10.34	12.05	0.00	0.86	1,007.000	338.56
14.650	0.84	10.33	12.03	0.00	0.85	1,006.000	338.56
14.700	0.83	10.33	12.00	0.00	0.83	1,005.000	338.56
14.750	0.82	10.33	11.97	0.00	0.82	1,003.000	338.55
14.800	0.81	10.32	11.95	0.00	0.81	1,002.000	338.55
14.850	0.79	10.32	11.92	0.00	0.80	1,001.000	338.55
14.900	0.78	10.32	11.90	0.00	0.79	1,000.000	338.55
14.950	0.77	10.31	11.87	0.00	0.78	998.000	338.55
15.000	0.76	10.31	11.85	0.00	0.77	997.000	338.55
15.050	0.75	10.31	11.83	0.00	0.76	996.000	338.55
15.100	0.74	10.30	11.80	0.00	0.75	995.000	338.55
15.150	0.73	10.30	11.78	0.00	0.74	993.000	338.55
15.200	0.72	10.29	11.75	0.00	0.73	992.000	338.55
15.250	0.71	10.28	11.73	0.00	0.72	990.000	338.55
15.300	0.70	10.27	11.70	0.00	0.71	989.000	338.55
15.350	0.69	10.27	11.67	0.00	0.70	987.000	338.55
15.400	0.68	10.26	11.64	0.00	0.69	985.000	338.55
15.450	0.67	10.25	11.61	0.00	0.68	983.000	338.55
15.500	0.66	10.24	11.58	0.00	0.67	982.000	338.54
15.550	0.65	10.23	11.55	0.00	0.66	980.000	338.54
15.600	0.64	10.22	11.52	0.00	0.65	978.000	338.54
15.650	0.63	10.21	11.49	0.00	0.64	976.000	338.54
15.700	0.62	10.20	11.46	0.00	0.63	975.000	338.54
15.750	0.61	10.19	11.43	0.00	0.62	973.000	338.54
15.800	0.60	10.18	11.40	0.00	0.61	971.000	338.54
15.850	0.59	10.18	11.38	0.00	0.60	969.000	338.54
15.900	0.58	10.17	11.35	0.00	0.59	968.000	338.54
15.950	0.57	10.16	11.32	0.00	0.58	966.000	338.54
16.000	0.56	10.15	11.29	0.00	0.57	964.000	338.54
16.050	0.55	10.14	11.26	0.00	0.56	962.000	338.54
16.100	0.54	10.13	11.23	0.00	0.55	961.000	338.53
16.150	0.53	10.12	11.20	0.00	0.54	959.000	338.53
16.200	0.52	10.11	11.18	0.00	0.53	958.000	338.53
16.250	0.52	10.11	11.15	0.00	0.52	956.000	338.53

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
16.300	0.51	10.10	11.13	0.00	0.52	955.000	338.53
16.350	0.50	10.09	11.11	0.00	0.51	954.000	338.53
16.400	0.50	10.09	11.09	0.00	0.50	953.000	338.53
16.450	0.49	10.08	11.07	0.00	0.50	952.000	338.53
16.500	0.48	10.08	11.06	0.00	0.49	951.000	338.53
16.550	0.48	10.07	11.04	0.00	0.48	950.000	338.53
16.600	0.47	10.07	11.02	0.00	0.48	949.000	338.53
16.650	0.47	10.06	11.01	0.00	0.47	948.000	338.53
16.700	0.46	10.06	10.99	0.00	0.47	947.000	338.53
16.750	0.46	10.05	10.97	0.00	0.46	946.000	338.53
16.800	0.45	10.05	10.96	0.00	0.46	945.000	338.53
16.850	0.45	10.04	10.94	0.00	0.45	944.000	338.53
16.900	0.44	10.04	10.93	0.00	0.45	943.000	338.53
16.950	0.44	10.03	10.92	0.00	0.44	942.000	338.53
17.000	0.43	10.03	10.90	0.00	0.44	941.000	338.53
17.050	0.43	10.03	10.89	0.00	0.43	941.000	338.53
17.100	0.42	10.02	10.87	0.00	0.43	940.000	338.53
17.150	0.42	10.02	10.86	0.00	0.42	939.000	338.52
17.200	0.41	10.01	10.85	0.00	0.42	938.000	338.52
17.250	0.41	10.01	10.83	0.00	0.41	937.000	338.52
17.300	0.40	10.00	10.82	0.00	0.41	937.000	338.52
17.350	0.40	10.00	10.80	0.00	0.40	936.000	338.52
17.400	0.39	10.00	10.79	0.00	0.40	935.000	338.52
17.450	0.39	9.99	10.78	0.00	0.39	934.000	338.52
17.500	0.38	9.99	10.76	0.00	0.39	933.000	338.52
17.550	0.38	9.98	10.75	0.00	0.38	933.000	338.52
17.600	0.37	9.98	10.74	0.00	0.38	932.000	338.52
17.650	0.37	9.98	10.72	0.00	0.37	931.000	338.52
17.700	0.37	9.97	10.71	0.00	0.37	930.000	338.52
17.750	0.36	9.97	10.70	0.00	0.37	930.000	338.52
17.800	0.36	9.96	10.68	0.00	0.36	929.000	338.52
17.850	0.35	9.96	10.67	0.00	0.36	928.000	338.52
17.900	0.35	9.95	10.66	0.00	0.35	927.000	338.52
17.950	0.34	9.95	10.64	0.00	0.35	926.000	338.52
18.000	0.34	9.95	10.63	0.00	0.34	926.000	338.52
18.050	0.33	9.94	10.62	0.00	0.34	925.000	338.52
18.100	0.33	9.94	10.60	0.00	0.33	924.000	338.52
18.150	0.32	9.93	10.59	0.00	0.33	923.000	338.52
18.200	0.32	9.93	10.58	0.00	0.32	923.000	338.52
18.250	0.32	9.93	10.57	0.00	0.32	922.000	338.52
18.300	0.32	9.93	10.56	0.00	0.32	922.000	338.52
18.350	0.31	9.92	10.55	0.00	0.32	921.000	338.52

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
18.400	0.31	9.92	10.55	0.00	0.31	921.000	338.52
18.450	0.31	9.92	10.54	0.00	0.31	920.000	338.52
18.500	0.31	9.92	10.53	0.00	0.31	920.000	338.52
18.550	0.30	9.91	10.53	0.00	0.31	920.000	338.52
18.600	0.30	9.91	10.52	0.00	0.30	919.000	338.52
18.650	0.30	9.91	10.52	0.00	0.30	919.000	338.52
18.700	0.30	9.91	10.51	0.00	0.30	919.000	338.52
18.750	0.30	9.91	10.51	0.00	0.30	918.000	338.51
18.800	0.30	9.91	10.50	0.00	0.30	918.000	338.51
18.850	0.29	9.90	10.49	0.00	0.30	918.000	338.51
18.900	0.29	9.90	10.49	0.00	0.29	917.000	338.51
18.950	0.29	9.90	10.49	0.00	0.29	917.000	338.51
19.000	0.29	9.90	10.48	0.00	0.29	917.000	338.51
19.050	0.29	9.90	10.48	0.00	0.29	917.000	338.51
19.100	0.29	9.90	10.47	0.00	0.29	916.000	338.51
19.150	0.28	9.90	10.47	0.00	0.29	916.000	338.51
19.200	0.28	9.90	10.46	0.00	0.28	916.000	338.51
19.250	0.28	9.89	10.46	0.00	0.28	916.000	338.51
19.300	0.28	9.89	10.45	0.00	0.28	915.000	338.51
19.350	0.28	9.89	10.45	0.00	0.28	915.000	338.51
19.400	0.28	9.89	10.45	0.00	0.28	915.000	338.51
19.450	0.28	9.89	10.44	0.00	0.28	915.000	338.51
19.500	0.27	9.89	10.44	0.00	0.28	914.000	338.51
19.550	0.27	9.89	10.43	0.00	0.27	914.000	338.51
19.600	0.27	9.88	10.43	0.00	0.27	914.000	338.51
19.650	0.27	9.88	10.43	0.00	0.27	914.000	338.51
19.700	0.27	9.88	10.42	0.00	0.27	913.000	338.51
19.750	0.27	9.88	10.42	0.00	0.27	913.000	338.51
19.800	0.27	9.88	10.41	0.00	0.27	913.000	338.51
19.850	0.26	9.88	10.41	0.00	0.27	913.000	338.51
19.900	0.26	9.88	10.41	0.00	0.26	912.000	338.51
19.950	0.26	9.88	10.40	0.00	0.26	912.000	338.51
20.000	0.26	9.87	10.40	0.00	0.26	912.000	338.51
20.050	0.26	9.87	10.39	0.00	0.26	912.000	338.51
20.100	0.26	9.87	10.39	0.00	0.26	911.000	338.51
20.150	0.26	9.87	10.39	0.00	0.26	911.000	338.51
20.200	0.25	9.87	10.38	0.00	0.26	911.000	338.51
20.250	0.25	9.87	10.38	0.00	0.25	911.000	338.51
20.300	0.25	9.87	10.38	0.00	0.25	911.000	338.51
20.350	0.25	9.87	10.37	0.00	0.25	910.000	338.51
20.400	0.25	9.87	10.37	0.00	0.25	910.000	338.51
20.450	0.25	9.86	10.37	0.00	0.25	910.000	338.51

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
20.500	0.25	9.86	10.36	0.00	0.25	910.000	338.51
20.550	0.25	9.86	10.36	0.00	0.25	910.000	338.51
20.600	0.25	9.86	10.36	0.00	0.25	909.000	338.51
20.650	0.24	9.86	10.35	0.00	0.25	909.000	338.51
20.700	0.24	9.86	10.35	0.00	0.24	909.000	338.51
20.750	0.24	9.86	10.35	0.00	0.24	909.000	338.51
20.800	0.24	9.86	10.34	0.00	0.24	909.000	338.51
20.850	0.24	9.86	10.34	0.00	0.24	909.000	338.51
20.900	0.24	9.86	10.34	0.00	0.24	908.000	338.51
20.950	0.24	9.86	10.33	0.00	0.24	908.000	338.51
21.000	0.24	9.85	10.33	0.00	0.24	908.000	338.51
21.050	0.24	9.85	10.33	0.00	0.24	908.000	338.51
21.100	0.24	9.85	10.32	0.00	0.24	908.000	338.51
21.150	0.23	9.85	10.32	0.00	0.24	908.000	338.51
21.200	0.23	9.85	10.32	0.00	0.23	907.000	338.51
21.250	0.23	9.85	10.32	0.00	0.23	907.000	338.51
21.300	0.23	9.85	10.31	0.00	0.23	907.000	338.51
21.350	0.23	9.85	10.31	0.00	0.23	907.000	338.51
21.400	0.23	9.85	10.31	0.00	0.23	907.000	338.51
21.450	0.23	9.85	10.30	0.00	0.23	906.000	338.51
21.500	0.23	9.85	10.30	0.00	0.23	906.000	338.51
21.550	0.23	9.84	10.30	0.00	0.23	906.000	338.51
21.600	0.22	9.84	10.29	0.00	0.23	906.000	338.51
21.650	0.22	9.84	10.29	0.00	0.22	906.000	338.51
21.700	0.22	9.84	10.29	0.00	0.22	906.000	338.51
21.750	0.22	9.84	10.29	0.00	0.22	905.000	338.51
21.800	0.22	9.84	10.28	0.00	0.22	905.000	338.51
21.850	0.22	9.84	10.28	0.00	0.22	905.000	338.51
21.900	0.22	9.84	10.28	0.00	0.22	905.000	338.51
21.950	0.22	9.84	10.27	0.00	0.22	905.000	338.51
22.000	0.22	9.84	10.27	0.00	0.22	905.000	338.51
22.050	0.22	9.83	10.27	0.00	0.22	904.000	338.51
22.100	0.21	9.83	10.26	0.00	0.22	904.000	338.51
22.150	0.21	9.83	10.26	0.00	0.21	904.000	338.51
22.200	0.21	9.83	10.26	0.00	0.21	904.000	338.51
22.250	0.21	9.83	10.26	0.00	0.21	904.000	338.51
22.300	0.21	9.83	10.25	0.00	0.21	903.000	338.51
22.350	0.21	9.83	10.25	0.00	0.21	903.000	338.51
22.400	0.21	9.83	10.25	0.00	0.21	903.000	338.51
22.450	0.21	9.83	10.24	0.00	0.21	903.000	338.51
22.500	0.21	9.83	10.24	0.00	0.21	903.000	338.51
22.550	0.20	9.83	10.24	0.00	0.21	903.000	338.51

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
22.600	0.20	9.82	10.23	0.00	0.20	902.000	338.51
22.650	0.20	9.82	10.23	0.00	0.20	902.000	338.51
22.700	0.20	9.82	10.23	0.00	0.20	902.000	338.51
22.750	0.20	9.82	10.23	0.00	0.20	902.000	338.51
22.800	0.20	9.82	10.22	0.00	0.20	902.000	338.51
22.850	0.20	9.82	10.22	0.00	0.20	902.000	338.51
22.900	0.20	9.82	10.22	0.00	0.20	901.000	338.51
22.950	0.20	9.82	10.21	0.00	0.20	901.000	338.51
23.000	0.20	9.82	10.21	0.00	0.20	901.000	338.51
23.050	0.19	9.82	10.21	0.00	0.20	901.000	338.51
23.100	0.19	9.82	10.20	0.00	0.19	901.000	338.51
23.150	0.19	9.81	10.20	0.00	0.19	900.000	338.51
23.200	0.19	9.81	10.20	0.00	0.19	900.000	338.51
23.250	0.19	9.81	10.19	0.00	0.19	900.000	338.51
23.300	0.19	9.81	10.19	0.00	0.19	900.000	338.51
23.350	0.19	9.81	10.19	0.00	0.19	900.000	338.51
23.400	0.19	9.81	10.19	0.00	0.19	900.000	338.51
23.450	0.19	9.81	10.18	0.00	0.19	899.000	338.51
23.500	0.18	9.81	10.18	0.00	0.19	899.000	338.51
23.550	0.18	9.81	10.18	0.00	0.18	899.000	338.51
23.600	0.18	9.81	10.17	0.00	0.18	899.000	338.51
23.650	0.18	9.80	10.17	0.00	0.18	899.000	338.51
23.700	0.18	9.80	10.17	0.00	0.18	899.000	338.51
23.750	0.18	9.80	10.16	0.00	0.18	898.000	338.51
23.800	0.18	9.80	10.16	0.00	0.18	898.000	338.51
23.850	0.18	9.80	10.16	0.00	0.18	898.000	338.51
23.900	0.18	9.80	10.15	0.00	0.18	898.000	338.51
23.950	0.17	9.80	10.15	0.00	0.18	898.000	338.51
24.000	0.17	9.80	10.15	0.00	0.17	897.000	338.50
24.050	0.17	9.80	10.14	0.00	0.17	897.000	338.50
24.100	0.15	9.79	10.11	0.00	0.16	895.000	338.50
24.150	0.12	9.77	10.05	0.00	0.14	892.000	338.50
24.200	0.10	9.75	9.99	0.00	0.12	888.000	338.50
24.250	0.08	9.71	9.93	0.00	0.11	884.000	338.50
24.300	0.07	9.66	9.87	0.00	0.10	878.000	338.50
24.350	0.06	9.60	9.79	0.00	0.10	872.000	338.49
24.400	0.05	9.54	9.71	0.00	0.09	866.000	338.49
24.450	0.05	9.47	9.64	0.00	0.08	860.000	338.49
24.500	0.04	9.41	9.56	0.00	0.08	853.000	338.48
24.550	0.04	9.35	9.49	0.00	0.07	847.000	338.48
24.600	0.03	9.29	9.42	0.00	0.06	841.000	338.48
24.650	0.03	9.24	9.35	0.00	0.06	836.000	338.48

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
24.700	0.02	9.19	9.29	0.00	0.05	831.000	338.47
24.750	0.02	9.14	9.23	0.00	0.05	826.000	338.47
24.800	0.02	9.10	9.18	0.00	0.04	822.000	338.47
24.850	0.02	9.06	9.13	0.00	0.04	818.000	338.47
24.900	0.01	9.02	9.09	0.00	0.03	815.000	338.47
24.950	0.01	8.99	9.05	0.00	0.03	811.000	338.46
25.000	0.01	8.96	9.01	0.00	0.03	808.000	338.46
25.050	0.01	8.93	8.98	0.00	0.02	806.000	338.46
25.100	0.01	8.91	8.95	0.00	0.02	803.000	338.46
25.150	0.01	8.89	8.93	0.00	0.02	801.000	338.46
25.200	0.01	8.87	8.90	0.00	0.02	799.000	338.46
25.250	0.01	8.85	8.88	0.00	0.02	798.000	338.46
25.300	0.01	8.83	8.86	0.00	0.01	796.000	338.46
25.350	0.00	8.82	8.84	0.00	0.01	795.000	338.46
25.400	0.00	8.81	8.83	0.00	0.01	794.000	338.45
25.450	0.00	8.80	8.82	0.00	0.01	792.000	338.45
25.500	0.00	8.79	8.80	0.00	0.01	791.000	338.45
25.550	0.00	8.78	8.79	0.00	0.01	791.000	338.45
25.600	0.00	8.77	8.78	0.00	0.01	790.000	338.45
25.650	0.00	8.76	8.77	0.00	0.01	789.000	338.45
25.700	0.00	8.76	8.77	0.00	0.01	788.000	338.45
25.750	0.00	8.75	8.76	0.00	0.00	788.000	338.45
25.800	0.00	8.75	8.75	0.00	0.00	787.000	338.45
25.850	0.00	8.74	8.75	0.00	0.00	787.000	338.45
25.900	0.00	8.74	8.74	0.00	0.00	787.000	338.45
25.950	0.00	8.73	8.74	0.00	0.00	786.000	338.45
26.000	0.00	8.73	8.74	0.00	0.00	786.000	338.45
26.050	0.00	8.73	8.73	0.00	0.00	786.000	338.45
26.100	0.00	8.73	8.73	0.00	0.00	786.000	338.45
26.150	0.00	8.72	8.73	0.00	0.00	785.000	338.45
26.200	0.00	8.72	8.73	0.00	0.00	785.000	338.45
26.250	0.00	8.72	8.72	0.00	0.00	785.000	338.45
26.300	0.00	8.72	8.72	0.00	0.00	785.000	338.45
26.350	0.00	8.72	8.72	0.00	0.00	785.000	338.45
26.400	0.00	8.72	8.72	0.00	0.00	785.000	338.45
26.450	0.00	8.72	8.72	0.00	0.00	785.000	338.45
26.500	0.00	8.72	8.72	0.00	0.00	784.000	338.45
26.550	0.00	8.71	8.72	0.00	0.00	784.000	338.45
26.600	0.00	8.71	8.72	0.00	0.00	784.000	338.45
26.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
26.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
26.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
28.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
31.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
33.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
35.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
0.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
1.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
2.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
2.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
3.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
4.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
4.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.450	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.500	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.550	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.600	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.650	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.700	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.750	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.800	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.850	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.900	0.00	0.00	0.00	0.00	0.00	0.000	338.00
5.950	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.000	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.050	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.100	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.150	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.200	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.250	0.00	0.00	0.00	0.00	0.00	0.000	338.00

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
6.300	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.350	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.400	0.00	0.00	0.00	0.00	0.00	0.000	338.00
6.450	0.00	0.01	0.01	0.00	0.00	1.000	338.00
6.500	0.00	0.02	0.02	0.00	0.00	2.000	338.00
6.550	0.01	0.03	0.03	0.00	0.00	3.000	338.00
6.600	0.01	0.04	0.04	0.00	0.00	4.000	338.00
6.650	0.01	0.06	0.06	0.00	0.00	6.000	338.00
6.700	0.01	0.09	0.09	0.00	0.00	8.000	338.01
6.750	0.01	0.11	0.11	0.00	0.00	10.000	338.01
6.800	0.02	0.15	0.15	0.00	0.00	13.000	338.01
6.850	0.02	0.18	0.18	0.00	0.00	16.000	338.01
6.900	0.02	0.22	0.22	0.00	0.00	20.000	338.01
6.950	0.02	0.27	0.27	0.00	0.00	24.000	338.02
7.000	0.03	0.32	0.32	0.00	0.00	28.000	338.02
7.050	0.03	0.37	0.37	0.00	0.00	33.000	338.02
7.100	0.03	0.43	0.43	0.00	0.00	39.000	338.03
7.150	0.03	0.50	0.50	0.00	0.00	45.000	338.03
7.200	0.04	0.57	0.57	0.00	0.00	51.000	338.03
7.250	0.04	0.65	0.65	0.00	0.00	58.000	338.04
7.300	0.04	0.73	0.73	0.00	0.00	65.000	338.04
7.350	0.05	0.81	0.81	0.00	0.00	73.000	338.05
7.400	0.05	0.91	0.91	0.00	0.00	82.000	338.05
7.450	0.05	1.01	1.01	0.00	0.00	90.000	338.06
7.500	0.05	1.11	1.11	0.00	0.00	100.000	338.07
7.550	0.06	1.22	1.22	0.00	0.00	110.000	338.07
7.600	0.06	1.34	1.34	0.00	0.00	120.000	338.08
7.650	0.06	1.47	1.47	0.00	0.00	132.000	338.09
7.700	0.07	1.60	1.60	0.00	0.00	143.000	338.09
7.750	0.07	1.73	1.73	0.00	0.00	156.000	338.10
7.800	0.07	1.88	1.88	0.00	0.00	169.000	338.11
7.850	0.08	2.03	2.03	0.00	0.00	182.000	338.12
7.900	0.08	2.19	2.19	0.00	0.00	196.000	338.13
7.950	0.08	2.35	2.35	0.00	0.00	211.000	338.14
8.000	0.09	2.52	2.52	0.00	0.00	227.000	338.15
8.050	0.09	2.70	2.70	0.00	0.00	243.000	338.16
8.100	0.10	2.89	2.89	0.00	0.00	260.000	338.17
8.150	0.10	3.09	3.09	0.00	0.00	277.000	338.18
8.200	0.10	3.29	3.29	0.00	0.00	296.000	338.19
8.250	0.11	3.51	3.51	0.00	0.00	315.000	338.20
8.300	0.12	3.73	3.73	0.00	0.00	336.000	338.21
8.350	0.12	3.97	3.97	0.00	0.00	357.000	338.22

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
8.400	0.13	4.22	4.22	0.00	0.00	379.000	338.24
8.450	0.13	4.48	4.48	0.00	0.00	403.000	338.25
8.500	0.14	4.75	4.75	0.00	0.00	427.000	338.26
8.550	0.15	5.03	5.03	0.00	0.00	453.000	338.28
8.600	0.15	5.33	5.33	0.00	0.00	479.000	338.29
8.650	0.16	5.64	5.64	0.00	0.00	507.000	338.31
8.700	0.17	5.96	5.96	0.00	0.00	536.000	338.32
8.750	0.17	6.30	6.30	0.00	0.00	567.000	338.34
8.800	0.18	6.65	6.65	0.00	0.00	599.000	338.36
8.850	0.19	7.02	7.02	0.00	0.00	632.000	338.37
8.900	0.19	7.40	7.40	0.00	0.00	666.000	338.39
8.950	0.20	7.80	7.80	0.00	0.00	702.000	338.41
9.000	0.21	8.21	8.21	0.00	0.00	739.000	338.43
9.050	0.22	8.64	8.64	0.00	0.00	778.000	338.45
9.100	0.23	9.02	9.08	0.00	0.03	814.000	338.46
9.150	0.23	9.34	9.48	0.00	0.07	847.000	338.48
9.200	0.24	9.62	9.82	0.00	0.10	875.000	338.49
9.250	0.25	9.79	10.12	0.00	0.16	896.000	338.50
9.300	0.26	9.85	10.30	0.00	0.23	906.000	338.51
9.350	0.27	9.87	10.38	0.00	0.25	911.000	338.51
9.400	0.28	9.88	10.42	0.00	0.27	913.000	338.51
9.450	0.29	9.89	10.45	0.00	0.28	915.000	338.51
9.500	0.30	9.90	10.48	0.00	0.29	917.000	338.51
9.550	0.31	9.91	10.50	0.00	0.30	918.000	338.51
9.600	0.32	9.92	10.53	0.00	0.31	920.000	338.52
9.650	0.33	9.92	10.56	0.00	0.32	921.000	338.52
9.700	0.34	9.93	10.59	0.00	0.33	923.000	338.52
9.750	0.35	9.94	10.62	0.00	0.34	925.000	338.52
9.800	0.36	9.95	10.65	0.00	0.35	927.000	338.52
9.850	0.37	9.96	10.68	0.00	0.36	928.000	338.52
9.900	0.38	9.97	10.71	0.00	0.37	930.000	338.52
9.950	0.39	9.98	10.74	0.00	0.38	932.000	338.52
10.000	0.40	9.99	10.77	0.00	0.39	934.000	338.52
10.050	0.41	10.00	10.80	0.00	0.40	936.000	338.52
10.100	0.42	10.01	10.83	0.00	0.41	938.000	338.52
10.150	0.44	10.02	10.87	0.00	0.43	940.000	338.52
10.200	0.45	10.03	10.91	0.00	0.44	942.000	338.53
10.250	0.47	10.05	10.95	0.00	0.45	945.000	338.53
10.300	0.49	10.06	11.00	0.00	0.47	947.000	338.53
10.350	0.50	10.08	11.05	0.00	0.49	950.000	338.53
10.400	0.52	10.09	11.10	0.00	0.51	953.000	338.53
10.450	0.54	10.11	11.16	0.00	0.52	957.000	338.53

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
10.500	0.56	10.12	11.21	0.00	0.54	960.000	338.53
10.550	0.58	10.14	11.27	0.00	0.56	963.000	338.54
10.600	0.60	10.16	11.32	0.00	0.58	966.000	338.54
10.650	0.62	10.18	11.38	0.00	0.60	970.000	338.54
10.700	0.64	10.19	11.44	0.00	0.62	973.000	338.54
10.750	0.66	10.21	11.50	0.00	0.64	977.000	338.54
10.800	0.68	10.23	11.56	0.00	0.66	980.000	338.54
10.850	0.70	10.25	11.62	0.00	0.68	984.000	338.55
10.900	0.73	10.27	11.68	0.00	0.71	988.000	338.55
10.950	0.75	10.29	11.75	0.00	0.73	992.000	338.55
11.000	0.77	10.30	11.81	0.00	0.75	995.000	338.55
11.050	0.80	10.31	11.87	0.00	0.78	998.000	338.55
11.100	0.83	10.32	11.94	0.00	0.81	1,002.000	338.55
11.150	0.87	10.33	12.02	0.00	0.84	1,006.000	338.56
11.200	0.92	10.35	12.12	0.00	0.89	1,011.000	338.56
11.250	0.98	10.36	12.25	0.00	0.94	1,017.000	338.56
11.300	1.04	10.38	12.39	0.00	1.00	1,024.000	338.56
11.350	1.11	10.41	12.54	0.00	1.07	1,032.000	338.57
11.400	1.18	10.43	12.69	0.00	1.13	1,040.000	338.57
11.450	1.25	10.45	12.86	0.00	1.20	1,048.000	338.58
11.500	1.33	10.47	13.03	0.00	1.28	1,057.000	338.58
11.550	1.44	10.50	13.24	0.00	1.37	1,068.000	338.58
11.600	1.64	10.55	13.58	0.00	1.51	1,086.000	338.59
11.650	1.94	10.61	14.13	0.00	1.76	1,113.000	338.60
11.700	2.38	10.65	14.93	0.00	2.14	1,151.000	338.62
11.750	2.93	10.70	15.96	0.00	2.63	1,200.000	338.64
11.800	3.56	10.86	17.19	0.00	3.16	1,262.000	338.67
11.850	4.24	11.16	18.65	0.00	3.75	1,341.000	338.70
11.900	5.00	12.63	20.39	0.00	3.88	1,486.000	338.76
11.950	6.30	15.69	23.93	0.00	4.12	1,782.000	338.88
12.000	9.00	21.96	30.99	0.00	4.52	2,383.000	339.09
12.050	12.72	33.52	43.69	0.00	5.09	3,474.000	339.43
12.100	16.53	51.32	62.76	0.00	5.72	5,134.000	339.85
12.150	19.59	74.77	87.44	0.00	6.33	7,299.000	340.30
12.200	20.86	101.46	115.22	0.00	6.88	9,751.000	340.75
12.250	20.32	128.00	142.64	0.00	7.32	12,178.000	341.13
12.300	18.88	151.87	167.20	0.00	7.67	14,358.000	341.45
12.350	17.22	172.13	187.97	0.00	7.92	16,204.000	341.69
12.400	15.44	188.57	204.79	0.00	8.11	17,700.000	341.88
12.450	13.68	200.87	217.69	0.00	8.41	18,835.000	342.02
12.500	11.95	206.99	226.51	0.00	9.76	19,507.000	342.10
12.550	10.48	208.41	229.41	0.00	10.50	19,701.000	342.12

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
12.600	9.07	207.73	227.96	0.00	10.12	19,605.000	342.11
12.650	7.85	205.83	224.65	0.00	9.41	19,371.000	342.08
12.700	6.84	203.16	220.52	0.00	8.68	19,066.000	342.05
12.750	6.05	199.55	216.06	0.00	8.25	18,702.000	342.00
12.800	5.49	194.74	211.10	0.00	8.18	18,263.000	341.95
12.850	5.09	189.08	205.32	0.00	8.12	17,747.000	341.89
12.900	4.73	182.80	198.90	0.00	8.05	17,176.000	341.82
12.950	4.41	176.00	191.94	0.00	7.97	16,557.000	341.74
13.000	4.12	168.78	184.54	0.00	7.88	15,899.000	341.65
13.050	3.87	161.19	176.77	0.00	7.79	15,208.000	341.56
13.100	3.64	153.33	168.70	0.00	7.68	14,491.000	341.47
13.150	3.45	145.27	160.43	0.00	7.58	13,756.000	341.36
13.200	3.29	137.09	152.01	0.00	7.46	13,009.000	341.26
13.250	3.15	128.85	143.53	0.00	7.34	12,257.000	341.15
13.300	3.04	120.63	135.04	0.00	7.21	11,504.000	341.03
13.350	2.94	112.45	126.60	0.00	7.08	10,757.000	340.91
13.400	2.85	104.37	118.24	0.00	6.93	10,017.000	340.79
13.450	2.78	96.43	110.00	0.00	6.79	9,289.000	340.67
13.500	2.71	88.65	101.91	0.00	6.63	8,575.000	340.54
13.550	2.64	81.05	94.00	0.00	6.48	7,877.000	340.41
13.600	2.59	73.66	86.28	0.00	6.31	7,197.000	340.28
13.650	2.53	66.51	78.78	0.00	6.14	6,538.000	340.15
13.700	2.48	59.60	71.51	0.00	5.96	5,900.000	340.02
13.750	2.43	52.97	64.51	0.00	5.77	5,286.000	339.88
13.800	2.38	46.63	57.77	0.00	5.57	4,698.000	339.75
13.850	2.33	40.60	51.33	0.00	5.36	4,137.000	339.61
13.900	2.28	34.92	45.21	0.00	5.14	3,606.000	339.46
13.950	2.23	29.61	39.43	0.00	4.91	3,107.000	339.32
14.000	2.19	24.69	34.03	0.00	4.67	2,642.000	339.18
14.050	2.14	20.19	29.02	0.00	4.41	2,214.000	339.03
14.100	2.10	16.14	24.44	0.00	4.15	1,826.000	338.90
14.150	2.07	12.58	20.32	0.00	3.87	1,480.000	338.76
14.200	2.05	10.78	16.70	0.00	2.96	1,236.000	338.66
14.250	2.02	10.65	14.85	0.00	2.10	1,147.000	338.62
14.300	2.00	10.64	14.66	0.00	2.01	1,138.000	338.62
14.350	1.97	10.63	14.60	0.00	1.98	1,135.000	338.61
14.400	1.95	10.63	14.55	0.00	1.96	1,133.000	338.61
14.450	1.92	10.63	14.50	0.00	1.94	1,130.000	338.61
14.500	1.90	10.63	14.45	0.00	1.91	1,128.000	338.61
14.550	1.87	10.62	14.40	0.00	1.89	1,126.000	338.61
14.600	1.85	10.62	14.35	0.00	1.86	1,123.000	338.61
14.650	1.83	10.62	14.30	0.00	1.84	1,121.000	338.61

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
14.700	1.81	10.62	14.25	0.00	1.82	1,119.000	338.61
14.750	1.78	10.61	14.20	0.00	1.80	1,117.000	338.61
14.800	1.76	10.61	14.16	0.00	1.77	1,114.000	338.60
14.850	1.74	10.61	14.11	0.00	1.75	1,112.000	338.60
14.900	1.71	10.61	14.06	0.00	1.73	1,110.000	338.60
14.950	1.69	10.60	14.01	0.00	1.70	1,108.000	338.60
15.000	1.67	10.60	13.97	0.00	1.68	1,106.000	338.60
15.050	1.65	10.60	13.92	0.00	1.66	1,103.000	338.60
15.100	1.62	10.59	13.87	0.00	1.64	1,101.000	338.60
15.150	1.60	10.59	13.82	0.00	1.62	1,098.000	338.60
15.200	1.58	10.58	13.77	0.00	1.59	1,095.000	338.60
15.250	1.56	10.57	13.71	0.00	1.57	1,093.000	338.60
15.300	1.53	10.56	13.66	0.00	1.55	1,090.000	338.59
15.350	1.51	10.56	13.61	0.00	1.53	1,087.000	338.59
15.400	1.49	10.55	13.56	0.00	1.50	1,085.000	338.59
15.450	1.47	10.54	13.50	0.00	1.48	1,082.000	338.59
15.500	1.44	10.53	13.45	0.00	1.46	1,079.000	338.59
15.550	1.42	10.53	13.40	0.00	1.44	1,076.000	338.59
15.600	1.40	10.52	13.35	0.00	1.41	1,074.000	338.59
15.650	1.38	10.51	13.30	0.00	1.39	1,071.000	338.59
15.700	1.35	10.50	13.24	0.00	1.37	1,068.000	338.58
15.750	1.33	10.50	13.19	0.00	1.35	1,066.000	338.58
15.800	1.31	10.49	13.14	0.00	1.32	1,063.000	338.58
15.850	1.29	10.48	13.09	0.00	1.30	1,060.000	338.58
15.900	1.26	10.48	13.03	0.00	1.28	1,057.000	338.58
15.950	1.24	10.47	12.98	0.00	1.26	1,055.000	338.58
16.000	1.22	10.46	12.93	0.00	1.23	1,052.000	338.58
16.050	1.20	10.45	12.87	0.00	1.21	1,049.000	338.58
16.100	1.17	10.45	12.82	0.00	1.19	1,047.000	338.57
16.150	1.16	10.44	12.78	0.00	1.17	1,044.000	338.57
16.200	1.14	10.43	12.73	0.00	1.15	1,042.000	338.57
16.250	1.12	10.43	12.69	0.00	1.13	1,040.000	338.57
16.300	1.10	10.42	12.65	0.00	1.11	1,038.000	338.57
16.350	1.09	10.42	12.62	0.00	1.10	1,036.000	338.57
16.400	1.08	10.41	12.58	0.00	1.08	1,034.000	338.57
16.450	1.06	10.41	12.55	0.00	1.07	1,033.000	338.57
16.500	1.05	10.40	12.52	0.00	1.06	1,031.000	338.57
16.550	1.04	10.40	12.49	0.00	1.04	1,029.000	338.57
16.600	1.02	10.39	12.46	0.00	1.03	1,028.000	338.57
16.650	1.01	10.39	12.43	0.00	1.02	1,027.000	338.57
16.700	1.00	10.39	12.40	0.00	1.01	1,025.000	338.56
16.750	0.99	10.38	12.37	0.00	1.00	1,024.000	338.56

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
16.800	0.98	10.38	12.35	0.00	0.98	1,022.000	338.56
16.850	0.96	10.38	12.32	0.00	0.97	1,021.000	338.56
16.900	0.95	10.37	12.29	0.00	0.96	1,020.000	338.56
16.950	0.94	10.37	12.27	0.00	0.95	1,018.000	338.56
17.000	0.93	10.36	12.24	0.00	0.94	1,017.000	338.56
17.050	0.92	10.36	12.22	0.00	0.93	1,016.000	338.56
17.100	0.91	10.36	12.19	0.00	0.92	1,014.000	338.56
17.150	0.90	10.35	12.17	0.00	0.91	1,013.000	338.56
17.200	0.89	10.35	12.14	0.00	0.90	1,012.000	338.56
17.250	0.88	10.35	12.12	0.00	0.89	1,011.000	338.56
17.300	0.87	10.34	12.10	0.00	0.88	1,010.000	338.56
17.350	0.86	10.34	12.07	0.00	0.87	1,008.000	338.56
17.400	0.85	10.34	12.05	0.00	0.86	1,007.000	338.56
17.450	0.84	10.33	12.02	0.00	0.84	1,006.000	338.56
17.500	0.83	10.33	12.00	0.00	0.83	1,005.000	338.56
17.550	0.82	10.33	11.98	0.00	0.82	1,003.000	338.55
17.600	0.81	10.32	11.95	0.00	0.81	1,002.000	338.55
17.650	0.80	10.32	11.93	0.00	0.80	1,001.000	338.55
17.700	0.79	10.32	11.90	0.00	0.79	1,000.000	338.55
17.750	0.78	10.31	11.88	0.00	0.78	999.000	338.55
17.800	0.77	10.31	11.86	0.00	0.77	998.000	338.55
17.850	0.76	10.31	11.83	0.00	0.76	996.000	338.55
17.900	0.75	10.30	11.81	0.00	0.75	995.000	338.55
17.950	0.74	10.30	11.79	0.00	0.74	994.000	338.55
18.000	0.73	10.29	11.76	0.00	0.73	993.000	338.55
18.050	0.72	10.29	11.74	0.00	0.73	991.000	338.55
18.100	0.71	10.28	11.71	0.00	0.72	989.000	338.55
18.150	0.70	10.27	11.68	0.00	0.71	988.000	338.55
18.200	0.69	10.26	11.66	0.00	0.70	986.000	338.55
18.250	0.68	10.26	11.64	0.00	0.69	985.000	338.55
18.300	0.68	10.25	11.62	0.00	0.68	984.000	338.55
18.350	0.67	10.24	11.60	0.00	0.68	983.000	338.55
18.400	0.67	10.24	11.58	0.00	0.67	982.000	338.54
18.450	0.66	10.23	11.57	0.00	0.67	981.000	338.54
18.500	0.66	10.23	11.55	0.00	0.66	980.000	338.54
18.550	0.65	10.23	11.54	0.00	0.66	979.000	338.54
18.600	0.65	10.22	11.53	0.00	0.65	979.000	338.54
18.650	0.64	10.22	11.51	0.00	0.65	978.000	338.54
18.700	0.64	10.21	11.50	0.00	0.64	977.000	338.54
18.750	0.64	10.21	11.49	0.00	0.64	976.000	338.54
18.800	0.63	10.21	11.48	0.00	0.64	976.000	338.54
18.850	0.63	10.20	11.47	0.00	0.63	975.000	338.54

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
18.900	0.63	10.20	11.46	0.00	0.63	974.000	338.54
18.950	0.62	10.20	11.45	0.00	0.62	974.000	338.54
19.000	0.62	10.19	11.44	0.00	0.62	973.000	338.54
19.050	0.61	10.19	11.43	0.00	0.62	973.000	338.54
19.100	0.61	10.19	11.42	0.00	0.61	972.000	338.54
19.150	0.61	10.19	11.41	0.00	0.61	971.000	338.54
19.200	0.60	10.18	11.40	0.00	0.61	971.000	338.54
19.250	0.60	10.18	11.39	0.00	0.60	970.000	338.54
19.300	0.60	10.18	11.38	0.00	0.60	970.000	338.54
19.350	0.59	10.17	11.37	0.00	0.60	969.000	338.54
19.400	0.59	10.17	11.36	0.00	0.59	969.000	338.54
19.450	0.59	10.17	11.35	0.00	0.59	968.000	338.54
19.500	0.59	10.17	11.34	0.00	0.59	968.000	338.54
19.550	0.58	10.16	11.33	0.00	0.59	967.000	338.54
19.600	0.58	10.16	11.32	0.00	0.58	966.000	338.54
19.650	0.58	10.16	11.31	0.00	0.58	966.000	338.54
19.700	0.57	10.15	11.31	0.00	0.58	965.000	338.54
19.750	0.57	10.15	11.30	0.00	0.57	965.000	338.54
19.800	0.57	10.15	11.29	0.00	0.57	964.000	338.54
19.850	0.56	10.15	11.28	0.00	0.57	964.000	338.54
19.900	0.56	10.14	11.27	0.00	0.56	963.000	338.54
19.950	0.56	10.14	11.26	0.00	0.56	963.000	338.54
20.000	0.55	10.14	11.25	0.00	0.56	962.000	338.54
20.050	0.55	10.14	11.24	0.00	0.55	962.000	338.54
20.100	0.55	10.13	11.24	0.00	0.55	961.000	338.54
20.150	0.55	10.13	11.23	0.00	0.55	961.000	338.53
20.200	0.54	10.13	11.22	0.00	0.55	960.000	338.53
20.250	0.54	10.13	11.21	0.00	0.54	960.000	338.53
20.300	0.54	10.12	11.20	0.00	0.54	959.000	338.53
20.350	0.54	10.12	11.20	0.00	0.54	959.000	338.53
20.400	0.53	10.12	11.19	0.00	0.54	958.000	338.53
20.450	0.53	10.12	11.18	0.00	0.53	958.000	338.53
20.500	0.53	10.11	11.17	0.00	0.53	958.000	338.53
20.550	0.53	10.11	11.17	0.00	0.53	957.000	338.53
20.600	0.52	10.11	11.16	0.00	0.53	957.000	338.53
20.650	0.52	10.11	11.15	0.00	0.52	956.000	338.53
20.700	0.52	10.11	11.15	0.00	0.52	956.000	338.53
20.750	0.52	10.10	11.14	0.00	0.52	955.000	338.53
20.800	0.51	10.10	11.13	0.00	0.52	955.000	338.53
20.850	0.51	10.10	11.13	0.00	0.51	955.000	338.53
20.900	0.51	10.10	11.12	0.00	0.51	954.000	338.53
20.950	0.51	10.09	11.11	0.00	0.51	954.000	338.53

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
21.000	0.50	10.09	11.11	0.00	0.51	954.000	338.53
21.050	0.50	10.09	11.10	0.00	0.50	953.000	338.53
21.100	0.50	10.09	11.09	0.00	0.50	953.000	338.53
21.150	0.50	10.09	11.09	0.00	0.50	952.000	338.53
21.200	0.50	10.08	11.08	0.00	0.50	952.000	338.53
21.250	0.49	10.08	11.07	0.00	0.50	952.000	338.53
21.300	0.49	10.08	11.07	0.00	0.49	951.000	338.53
21.350	0.49	10.08	11.06	0.00	0.49	951.000	338.53
21.400	0.49	10.08	11.05	0.00	0.49	950.000	338.53
21.450	0.48	10.07	11.05	0.00	0.49	950.000	338.53
21.500	0.48	10.07	11.04	0.00	0.48	950.000	338.53
21.550	0.48	10.07	11.03	0.00	0.48	949.000	338.53
21.600	0.48	10.07	11.03	0.00	0.48	949.000	338.53
21.650	0.47	10.07	11.02	0.00	0.48	948.000	338.53
21.700	0.47	10.06	11.01	0.00	0.47	948.000	338.53
21.750	0.47	10.06	11.01	0.00	0.47	948.000	338.53
21.800	0.47	10.06	11.00	0.00	0.47	947.000	338.53
21.850	0.47	10.06	10.99	0.00	0.47	947.000	338.53
21.900	0.46	10.06	10.99	0.00	0.47	947.000	338.53
21.950	0.46	10.05	10.98	0.00	0.46	946.000	338.53
22.000	0.46	10.05	10.97	0.00	0.46	946.000	338.53
22.050	0.46	10.05	10.97	0.00	0.46	945.000	338.53
22.100	0.45	10.05	10.96	0.00	0.46	945.000	338.53
22.150	0.45	10.05	10.96	0.00	0.45	945.000	338.53
22.200	0.45	10.04	10.95	0.00	0.45	944.000	338.53
22.250	0.45	10.04	10.94	0.00	0.45	944.000	338.53
22.300	0.45	10.04	10.94	0.00	0.45	943.000	338.53
22.350	0.44	10.04	10.93	0.00	0.45	943.000	338.53
22.400	0.44	10.04	10.92	0.00	0.44	943.000	338.53
22.450	0.44	10.03	10.91	0.00	0.44	942.000	338.53
22.500	0.44	10.03	10.91	0.00	0.44	942.000	338.53
22.550	0.43	10.03	10.90	0.00	0.44	941.000	338.53
22.600	0.43	10.03	10.90	0.00	0.43	941.000	338.53
22.650	0.43	10.03	10.89	0.00	0.43	941.000	338.53
22.700	0.43	10.02	10.88	0.00	0.43	940.000	338.53
22.750	0.43	10.02	10.88	0.00	0.43	940.000	338.53
22.800	0.42	10.02	10.87	0.00	0.42	940.000	338.52
22.850	0.42	10.02	10.86	0.00	0.42	939.000	338.52
22.900	0.42	10.02	10.86	0.00	0.42	939.000	338.52
22.950	0.42	10.01	10.85	0.00	0.42	938.000	338.52
23.000	0.41	10.01	10.84	0.00	0.42	938.000	338.52
23.050	0.41	10.01	10.84	0.00	0.41	938.000	338.52

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
23.100	0.41	10.01	10.83	0.00	0.41	937.000	338.52
23.150	0.41	10.01	10.82	0.00	0.41	937.000	338.52
23.200	0.40	10.00	10.82	0.00	0.41	936.000	338.52
23.250	0.40	10.00	10.81	0.00	0.40	936.000	338.52
23.300	0.40	10.00	10.80	0.00	0.40	936.000	338.52
23.350	0.40	10.00	10.80	0.00	0.40	935.000	338.52
23.400	0.40	10.00	10.79	0.00	0.40	935.000	338.52
23.450	0.39	9.99	10.78	0.00	0.40	935.000	338.52
23.500	0.39	9.99	10.78	0.00	0.39	934.000	338.52
23.550	0.39	9.99	10.77	0.00	0.39	934.000	338.52
23.600	0.39	9.99	10.76	0.00	0.39	933.000	338.52
23.650	0.38	9.99	10.76	0.00	0.39	933.000	338.52
23.700	0.38	9.98	10.75	0.00	0.38	933.000	338.52
23.750	0.38	9.98	10.74	0.00	0.38	932.000	338.52
23.800	0.38	9.98	10.74	0.00	0.38	932.000	338.52
23.850	0.37	9.98	10.73	0.00	0.38	931.000	338.52
23.900	0.37	9.98	10.72	0.00	0.37	931.000	338.52
23.950	0.37	9.97	10.72	0.00	0.37	931.000	338.52
24.000	0.37	9.97	10.71	0.00	0.37	930.000	338.52
24.050	0.35	9.97	10.69	0.00	0.36	929.000	338.52
24.100	0.31	9.95	10.63	0.00	0.34	926.000	338.52
24.150	0.26	9.91	10.51	0.00	0.30	919.000	338.52
24.200	0.21	9.87	10.38	0.00	0.25	911.000	338.51
24.250	0.18	9.83	10.26	0.00	0.21	904.000	338.51
24.300	0.15	9.80	10.16	0.00	0.18	898.000	338.51
24.350	0.13	9.78	10.09	0.00	0.15	894.000	338.50
24.400	0.12	9.76	10.03	0.00	0.13	891.000	338.50
24.450	0.10	9.75	9.98	0.00	0.12	888.000	338.50
24.500	0.09	9.72	9.94	0.00	0.11	885.000	338.50
24.550	0.08	9.68	9.89	0.00	0.11	881.000	338.50
24.600	0.07	9.63	9.83	0.00	0.10	875.000	338.49
24.650	0.06	9.57	9.76	0.00	0.09	870.000	338.49
24.700	0.05	9.51	9.69	0.00	0.09	864.000	338.49
24.750	0.05	9.45	9.61	0.00	0.08	858.000	338.49
24.800	0.04	9.39	9.54	0.00	0.07	852.000	338.48
24.850	0.04	9.34	9.47	0.00	0.07	846.000	338.48
24.900	0.03	9.28	9.41	0.00	0.06	840.000	338.48
24.950	0.03	9.23	9.34	0.00	0.06	835.000	338.48
25.000	0.03	9.18	9.28	0.00	0.05	830.000	338.47
25.050	0.02	9.14	9.23	0.00	0.05	826.000	338.47
25.100	0.02	9.09	9.18	0.00	0.04	822.000	338.47
25.150	0.02	9.05	9.13	0.00	0.04	818.000	338.47

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
25.200	0.02	9.02	9.09	0.00	0.03	814.000	338.46
25.250	0.01	8.99	9.05	0.00	0.03	811.000	338.46
25.300	0.01	8.96	9.01	0.00	0.03	808.000	338.46
25.350	0.01	8.93	8.98	0.00	0.02	806.000	338.46
25.400	0.01	8.91	8.95	0.00	0.02	803.000	338.46
25.450	0.01	8.89	8.92	0.00	0.02	801.000	338.46
25.500	0.01	8.87	8.90	0.00	0.02	799.000	338.46
25.550	0.01	8.85	8.88	0.00	0.02	798.000	338.46
25.600	0.01	8.83	8.86	0.00	0.01	796.000	338.46
25.650	0.00	8.82	8.84	0.00	0.01	795.000	338.46
25.700	0.00	8.81	8.83	0.00	0.01	793.000	338.45
25.750	0.00	8.80	8.82	0.00	0.01	792.000	338.45
25.800	0.00	8.79	8.80	0.00	0.01	791.000	338.45
25.850	0.00	8.78	8.79	0.00	0.01	791.000	338.45
25.900	0.00	8.77	8.78	0.00	0.01	790.000	338.45
25.950	0.00	8.76	8.77	0.00	0.01	789.000	338.45
26.000	0.00	8.76	8.77	0.00	0.01	788.000	338.45
26.050	0.00	8.75	8.76	0.00	0.00	788.000	338.45
26.100	0.00	8.75	8.75	0.00	0.00	787.000	338.45
26.150	0.00	8.74	8.75	0.00	0.00	787.000	338.45
26.200	0.00	8.74	8.74	0.00	0.00	787.000	338.45
26.250	0.00	8.73	8.74	0.00	0.00	786.000	338.45
26.300	0.00	8.73	8.74	0.00	0.00	786.000	338.45
26.350	0.00	8.73	8.73	0.00	0.00	786.000	338.45
26.400	0.00	8.73	8.73	0.00	0.00	786.000	338.45
26.450	0.00	8.72	8.73	0.00	0.00	785.000	338.45
26.500	0.00	8.72	8.73	0.00	0.00	785.000	338.45
26.550	0.00	8.72	8.72	0.00	0.00	785.000	338.45
26.600	0.00	8.72	8.72	0.00	0.00	785.000	338.45
26.650	0.00	8.72	8.72	0.00	0.00	785.000	338.45
26.700	0.00	8.72	8.72	0.00	0.00	785.000	338.45
26.750	0.00	8.72	8.72	0.00	0.00	785.000	338.45
26.800	0.00	8.72	8.72	0.00	0.00	784.000	338.45
26.850	0.00	8.71	8.72	0.00	0.00	784.000	338.45
26.900	0.00	8.71	8.72	0.00	0.00	784.000	338.45
26.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
27.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
27.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
28.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
29.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
29.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
30.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
31.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
31.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
32.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45

Existing Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: POND 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
33.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
33.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.050	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.100	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.150	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.200	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.250	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.300	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.350	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.400	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.450	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.500	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.550	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.600	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.650	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.700	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.750	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.800	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.850	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.900	0.00	8.71	8.71	0.00	0.00	784.000	338.45
34.950	0.00	8.71	8.71	0.00	0.00	784.000	338.45
35.000	0.00	8.71	8.71	0.00	0.00	784.000	338.45

Subsection: Pond Inflow Summary Return Event: 1 years
Label: POND 1B (IN) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Summary for Hydrograph Addition at 'POND 1B'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	EDA-1B
Pond 1A Out	POND 1A

Node Inflows

Existing Hydrologic Calculations

Subsection: Pond Inflow Summary — Return Event: 1 years
Label: POND 1B (IN) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	EDA-1B	6,471.838	12.150	1.49
Flow (From)	Pond 1A Out	0.000	0.000	0.00
Flow (In)	POND 1B	6,471.838	12.150	1.49

Subsection: Pond Inflow Summary — Return Event: 10 years
Label: POND 1B (IN) — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Summary for Hydrograph Addition at 'POND 1B'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	EDA-1B
Pond 1A Out	POND 1A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	EDA-1B	20,764.559	12.150	5.23
Flow (From)	Pond 1A Out	11,227.604	12.950	0.83
Flow (In)	POND 1B	31,992.162	12.150	5.23

Subsection: Pond Inflow Summary — Return Event: 100 years
Label: POND 1B (IN) — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Summary for Hydrograph Addition at 'POND 1B'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	EDA-1B
Pond 1A Out	POND 1A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	EDA-1B	51,173.433	12.150	12.80
Flow (From)	Pond 1A Out	43,454.146	12.300	10.28
Flow (In)	POND 1B	94,627.579	12.200	20.86

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Existing Hydrologic Calculations

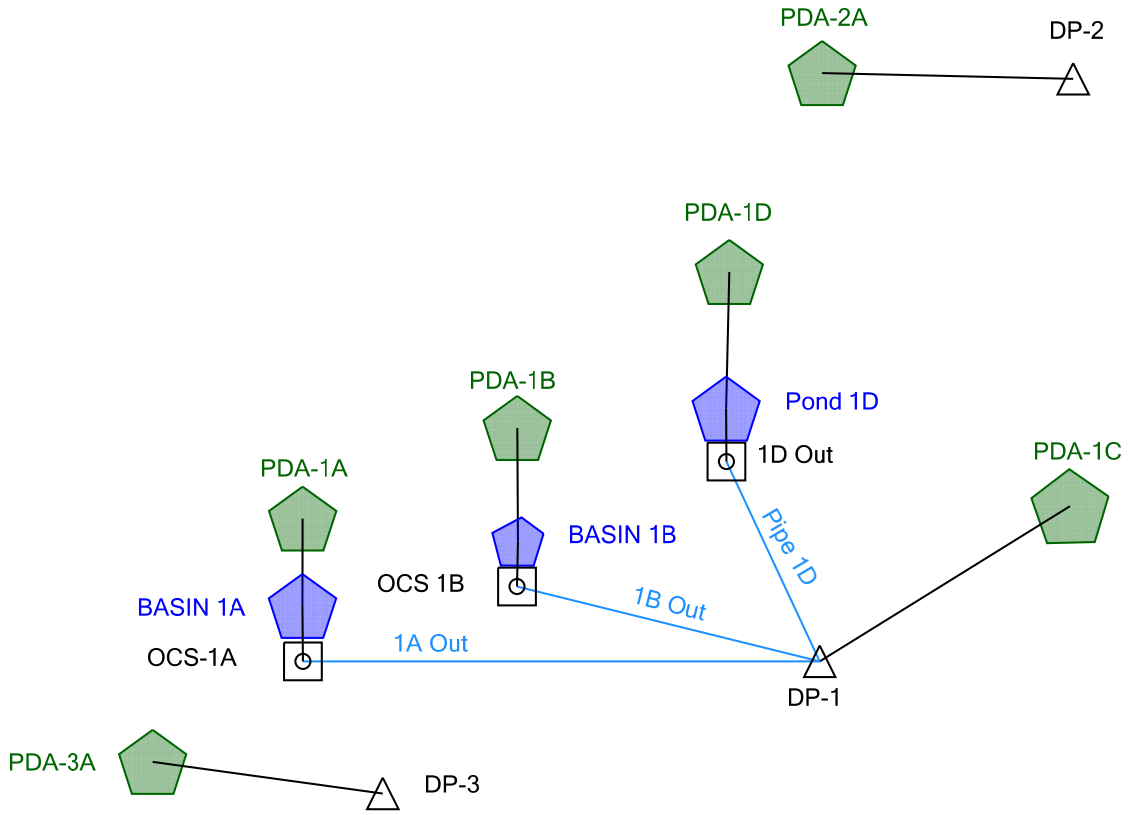
Existing Hydrologic Calculations

Existing Hydrologic Calculations

APPENDIX B

PROPOSED HYDROLOGIC CALCULATIONS

Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs



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Proposed Hydrologic Calculations

Project Summary	
Title	RIVER KNOLL
Engineer	DL
Company	JMC
Date	8/9/2021

Notes

Subsection: Master Network Summary

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)
PDA-1A	OSSINING-JMC - Synthetic Curve, 1 yrs	1	20,335.000	12.100	5.70
PDA-1A	OSSINING-JMC - Synthetic Curve, 10 yrs	10	60,480.000	12.100	17.30
PDA-1A	OSSINING-JMC - Synthetic Curve, 100 yrs	100	142,985.000	12.100	39.64
PDA-3A	OSSINING-JMC - Synthetic Curve, 1 yrs	1	393.000	12.100	0.11
PDA-3A	OSSINING-JMC - Synthetic Curve, 10 yrs	10	940.000	12.100	0.26
PDA-3A	OSSINING-JMC - Synthetic Curve, 100 yrs	100	1,962.000	12.100	0.52
PDA-2A	OSSINING-JMC - Synthetic Curve, 1 yrs	1	7,240.000	12.100	1.84
PDA-2A	OSSINING-JMC - Synthetic Curve, 10 yrs	10	26,029.000	12.100	7.44
PDA-2A	OSSINING-JMC - Synthetic Curve, 100 yrs	100	68,096.000	12.100	19.30
PDA-1B	OSSINING-JMC - Synthetic Curve, 1 yrs	1	22,973.000	12.100	6.54
PDA-1B	OSSINING-JMC - Synthetic Curve, 10 yrs	10	63,700.000	12.100	18.10
PDA-1B	OSSINING-JMC - Synthetic Curve, 100 yrs	100	144,778.000	12.100	39.62

Proposed Hydrologic Calculations

Subsection: Master Network Summary

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)
PDA-1D	OSSINING-JMC - Synthetic Curve, 1 yrs	1	5,526.000	12.100	1.57
PDA-1D	OSSINING-JMC - Synthetic Curve, 10 yrs	10	15,323.000	12.100	4.35
PDA-1D	OSSINING-JMC - Synthetic Curve, 100 yrs	100	34,826.000	12.100	9.53
PDA-1C	OSSINING-JMC - Synthetic Curve, 1 yrs	1	2,052.000	12.100	0.57
PDA-1C	OSSINING-JMC - Synthetic Curve, 10 yrs	10	6,255.000	12.100	1.79
PDA-1C	OSSINING-JMC - Synthetic Curve, 100 yrs	100	14,991.000	12.100	4.17

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)
DP-1	OSSINING-JMC - Synthetic Curve, 1 yrs	1	2,052.000	12.100	0.57
DP-1	OSSINING-JMC - Synthetic Curve, 10 yrs	10	44,369.000	12.450	2.81
DP-1	OSSINING-JMC - Synthetic Curve, 100 yrs	100	185,510.000	12.400	17.70
DP-2	OSSINING-JMC - Synthetic Curve, 1 yrs	1	7,240.000	12.100	1.84
DP-2	OSSINING-JMC - Synthetic Curve, 10 yrs	10	26,029.000	12.100	7.44
DP-2	OSSINING-JMC - Synthetic Curve, 100 yrs	100	68,096.000	12.100	19.30
DP-3	OSSINING-JMC - Synthetic Curve, 1 yrs	1	393.000	12.100	0.11

Proposed Hydrologic Calculations

Subsection: Master Network Summary

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)
DP-3	OSSINING-JMC - Synthetic Curve, 10 yrs	10	940.000	12.100	0.26
DP-3	OSSINING-JMC - Synthetic Curve, 100 yrs	100	1,962.000	12.100	0.52

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ft³)
BASIN 1A (IN)	OSSINING-JMC - Synthetic Curve, 1 yrs	1	20,335.000	12.100	5.70	(N/A)	(N/A)
BASIN 1A (OUT)	OSSINING-JMC - Synthetic Curve, 1 yrs	1	0.000	0.000	0.00	358.72	6,316.000
BASIN 1A (IN)	OSSINING-JMC - Synthetic Curve, 10 yrs	10	60,480.000	12.100	17.30	(N/A)	(N/A)
BASIN 1A (OUT)	OSSINING-JMC - Synthetic Curve, 10 yrs	10	9,454.000	13.950	0.32	360.74	28,268.000
BASIN 1A (IN)	OSSINING-JMC - Synthetic Curve, 100 yrs	100	142,985.000	12.100	39.64	(N/A)	(N/A)
BASIN 1A (OUT)	OSSINING-JMC - Synthetic Curve, 100 yrs	100	61,671.000	12.450	9.62	363.03	61,497.000
Pond 1D (IN)	OSSINING-JMC - Synthetic Curve, 1 yrs	1	5,526.000	12.100	1.57	(N/A)	(N/A)
Pond 1D (OUT)	OSSINING-JMC - Synthetic Curve, 1 yrs	1	0.000	0.000	0.00	315.98	5,524.000

Proposed Hydrologic Calculations

Subsection: Master Network Summary

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ft³)	Time to Peak (hours)	Peak Flow (ft³/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ft³)
Pond 1D (IN)	OSSINING-JMC - Synthetic Curve, 10 yrs	10	15,323.000	12.100	4.35	(N/A)	(N/A)
Pond 1D (OUT)	OSSINING-JMC - Synthetic Curve, 10 yrs	10	9,623.000	12.700	0.64	316.48	8,179.000
Pond 1D (IN)	OSSINING-JMC - Synthetic Curve, 100 yrs	100	34,826.000	12.100	9.53	(N/A)	(N/A)
Pond 1D (OUT)	OSSINING-JMC - Synthetic Curve, 100 yrs	100	29,112.000	12.300	4.31	317.40	14,378.000
BASIN 1B (IN)	OSSINING-JMC - Synthetic Curve, 1 yrs	1	22,973.000	12.100	6.54	(N/A)	(N/A)
BASIN 1B (OUT)	OSSINING-JMC - Synthetic Curve, 1 yrs	1	0.000	0.000	0.00	343.55	8,111.000
BASIN 1B (IN)	OSSINING-JMC - Synthetic Curve, 10 yrs	10	63,700.000	12.100	18.10	(N/A)	(N/A)
BASIN 1B (OUT)	OSSINING-JMC - Synthetic Curve, 10 yrs	10	19,037.000	12.800	1.48	344.71	26,594.000
BASIN 1B (IN)	OSSINING-JMC - Synthetic Curve, 100 yrs	100	144,778.000	12.100	39.62	(N/A)	(N/A)
BASIN 1B (OUT)	OSSINING-JMC - Synthetic Curve, 100 yrs	100	79,737.000	13.050	2.95	347.02	70,083.000

Subsection: Time-Depth Curve
Return Event: 1 years
Label: OSSINING-JMC
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Proposed Hydrologic Calculations

Subsection: Time-Depth Curve
Return Event: 1 years
Label: OSSINING-JMC
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time-Depth Curve: TypeIII 24hr (2.8 in)

Label	TypeIII 24hr (2.8 in)
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	1 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.0	0.0	0.0
1.000	0.0	0.0	0.0	0.0	0.0
1.500	0.0	0.0	0.0	0.1	0.1
2.000	0.1	0.1	0.1	0.1	0.1
2.500	0.1	0.1	0.1	0.1	0.1
3.000	0.1	0.1	0.1	0.1	0.1
3.500	0.1	0.1	0.1	0.1	0.1
4.000	0.1	0.1	0.1	0.1	0.1
4.500	0.1	0.1	0.1	0.1	0.2
5.000	0.2	0.2	0.2	0.2	0.2
5.500	0.2	0.2	0.2	0.2	0.2
6.000	0.2	0.2	0.2	0.2	0.2
6.500	0.2	0.2	0.2	0.2	0.2
7.000	0.3	0.3	0.3	0.3	0.3
7.500	0.3	0.3	0.3	0.3	0.3
8.000	0.3	0.3	0.3	0.3	0.3
8.500	0.4	0.4	0.4	0.4	0.4
9.000	0.4	0.4	0.4	0.4	0.4
9.500	0.5	0.5	0.5	0.5	0.5
10.000	0.5	0.5	0.6	0.6	0.6
10.500	0.6	0.6	0.6	0.7	0.7
11.000	0.7	0.7	0.7	0.8	0.8
11.500	0.8	0.9	0.9	1.0	1.2
12.000	1.4	1.6	1.7	1.8	1.9
12.500	2.0	2.0	2.0	2.0	2.1
13.000	2.1	2.1	2.1	2.1	2.2
13.500	2.2	2.2	2.2	2.2	2.2
14.000	2.3	2.3	2.3	2.3	2.3
14.500	2.3	2.3	2.3	2.4	2.4
15.000	2.4	2.4	2.4	2.4	2.4
15.500	2.4	2.4	2.4	2.4	2.5
16.000	2.5	2.5	2.5	2.5	2.5

Proposed Hydrologic Calculations

Subsection: Time-Depth Curve | Return Event: 1 years
Label: OSSINING-JMC | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
16.500	2.5	2.5	2.5	2.5	2.5
17.000	2.5	2.5	2.5	2.5	2.6
17.500	2.6	2.6	2.6	2.6	2.6
18.000	2.6	2.6	2.6	2.6	2.6
18.500	2.6	2.6	2.6	2.6	2.6
19.000	2.6	2.6	2.6	2.6	2.6
19.500	2.6	2.6	2.6	2.7	2.7
20.000	2.7	2.7	2.7	2.7	2.7
20.500	2.7	2.7	2.7	2.7	2.7
21.000	2.7	2.7	2.7	2.7	2.7
21.500	2.7	2.7	2.7	2.7	2.7
22.000	2.7	2.7	2.7	2.7	2.7
22.500	2.7	2.7	2.7	2.7	2.8
23.000	2.8	2.8	2.8	2.8	2.8
23.500	2.8	2.8	2.8	2.8	2.8
24.000	2.8	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time-Depth Curve | Return Event: 10 years
Label: OSSINING-JMC | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time-Depth Curve: TypeIII 24hr (5.1 in)	
Label	TypeIII 24hr (5.1 in)
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	10 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.0	0.0	0.0	0.0
1.000	0.1	0.1	0.1	0.1	0.1
1.500	0.1	0.1	0.1	0.1	0.1
2.000	0.1	0.1	0.1	0.1	0.1
2.500	0.1	0.1	0.1	0.1	0.2
3.000	0.2	0.2	0.2	0.2	0.2

Proposed Hydrologic Calculations

Subsection: Time-Depth Curve | Return Event: 10 years
Label: OSSINING-JMC | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
3.500	0.2	0.2	0.2	0.2	0.2
4.000	0.2	0.2	0.2	0.2	0.2
4.500	0.3	0.3	0.3	0.3	0.3
5.000	0.3	0.3	0.3	0.3	0.3
5.500	0.3	0.3	0.3	0.4	0.4
6.000	0.4	0.4	0.4	0.4	0.4
6.500	0.4	0.4	0.4	0.4	0.5
7.000	0.5	0.5	0.5	0.5	0.5
7.500	0.5	0.5	0.5	0.6	0.6
8.000	0.6	0.6	0.6	0.6	0.6
8.500	0.7	0.7	0.7	0.7	0.7
9.000	0.7	0.8	0.8	0.8	0.8
9.500	0.9	0.9	0.9	0.9	0.9
10.000	1.0	1.0	1.0	1.1	1.1
10.500	1.1	1.1	1.2	1.2	1.2
11.000	1.3	1.3	1.4	1.4	1.5
11.500	1.5	1.6	1.7	1.9	2.1
12.000	2.6	3.0	3.2	3.4	3.5
12.500	3.6	3.7	3.7	3.8	3.8
13.000	3.9	3.9	3.9	4.0	4.0
13.500	4.0	4.1	4.1	4.1	4.1
14.000	4.2	4.2	4.2	4.2	4.3
14.500	4.3	4.3	4.3	4.4	4.4
15.000	4.4	4.4	4.4	4.4	4.5
15.500	4.5	4.5	4.5	4.5	4.5
16.000	4.6	4.6	4.6	4.6	4.6
16.500	4.6	4.6	4.6	4.7	4.7
17.000	4.7	4.7	4.7	4.7	4.7
17.500	4.7	4.7	4.7	4.8	4.8
18.000	4.8	4.8	4.8	4.8	4.8
18.500	4.8	4.8	4.8	4.8	4.8
19.000	4.8	4.9	4.9	4.9	4.9
19.500	4.9	4.9	4.9	4.9	4.9
20.000	4.9	4.9	4.9	4.9	4.9
20.500	5.0	5.0	5.0	5.0	5.0
21.000	5.0	5.0	5.0	5.0	5.0
21.500	5.0	5.0	5.0	5.0	5.0
22.000	5.0	5.0	5.1	5.1	5.1
22.500	5.1	5.1	5.1	5.1	5.1
23.000	5.1	5.1	5.1	5.1	5.1
23.500	5.1	5.1	5.1	5.1	5.1
24.000	5.1	(N/A)	(N/A)	(N/A)	(N/A)

Proposed Hydrologic Calculations

Subsection: Time-Depth Curve
Return Event: 100 years
Label: OSSINING-JMC
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time-Depth Curve: TypeIII 24hr (9.3 in)	
Label	TypeIII 24hr (9.3 in)
Start Time	0.000 hours
Increment	0.100 hours
End Time	24.000 hours
Return Event	100 years

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
0.000	0.0	0.0	0.0	0.0	0.0
0.500	0.0	0.1	0.1	0.1	0.1
1.000	0.1	0.1	0.1	0.1	0.1
1.500	0.1	0.1	0.2	0.2	0.2
2.000	0.2	0.2	0.2	0.2	0.2
2.500	0.2	0.2	0.3	0.3	0.3
3.000	0.3	0.3	0.3	0.3	0.3
3.500	0.3	0.4	0.4	0.4	0.4
4.000	0.4	0.4	0.4	0.4	0.4
4.500	0.5	0.5	0.5	0.5	0.5
5.000	0.5	0.5	0.6	0.6	0.6
5.500	0.6	0.6	0.6	0.6	0.7
6.000	0.7	0.7	0.7	0.7	0.7
6.500	0.7	0.8	0.8	0.8	0.8
7.000	0.8	0.9	0.9	0.9	0.9
7.500	0.9	1.0	1.0	1.0	1.0
8.000	1.1	1.1	1.1	1.1	1.2
8.500	1.2	1.2	1.3	1.3	1.3
9.000	1.4	1.4	1.4	1.5	1.5
9.500	1.5	1.6	1.6	1.7	1.7
10.000	1.8	1.8	1.9	1.9	2.0
10.500	2.0	2.1	2.1	2.2	2.3
11.000	2.3	2.4	2.5	2.6	2.7
11.500	2.8	2.9	3.2	3.5	3.9
12.000	4.7	5.4	5.8	6.1	6.4
12.500	6.5	6.6	6.7	6.8	6.9
13.000	7.0	7.0	7.1	7.2	7.2
13.500	7.3	7.3	7.4	7.4	7.5
14.000	7.5	7.6	7.6	7.7	7.7
14.500	7.8	7.8	7.8	7.9	7.9
15.000	7.9	8.0	8.0	8.0	8.1
15.500	8.1	8.1	8.2	8.2	8.2
16.000	8.2	8.3	8.3	8.3	8.3

Proposed Hydrologic Calculations

Subsection: Time-Depth Curve — Return Event: 100 years
Label: OSSINING-JMC — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

CUMULATIVE RAINFALL (in)
Output Time Increment = 0.100 hours
Time on left represents time for first value in each row.

Time (hours)	Depth (in)	Depth (in)	Depth (in)	Depth (in)	Depth (in)
16.500	8.4	8.4	8.4	8.4	8.4
17.000	8.5	8.5	8.5	8.5	8.5
17.500	8.6	8.6	8.6	8.6	8.6
18.000	8.6	8.6	8.7	8.7	8.7
18.500	8.7	8.7	8.7	8.7	8.8
19.000	8.8	8.8	8.8	8.8	8.8
19.500	8.8	8.9	8.9	8.9	8.9
20.000	8.9	8.9	8.9	8.9	8.9
20.500	9.0	9.0	9.0	9.0	9.0
21.000	9.0	9.0	9.0	9.0	9.1
21.500	9.1	9.1	9.1	9.1	9.1
22.000	9.1	9.1	9.1	9.2	9.2
22.500	9.2	9.2	9.2	9.2	9.2
23.000	9.2	9.2	9.2	9.2	9.3
23.500	9.3	9.3	9.3	9.3	9.3
24.000	9.3	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time of Concentration Calculations — Return Event: 1 years
Label: PDA-1A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time of Concentration Results

Segment #1: User Defined Tc	
Time of Concentration	0.083 hours

Time of Concentration (Composite)	
Time of Concentration (Composite)	0.083 hours

==== User Defined

Tc =	Value entered by user
Where:	Tc= Time of concentration, hours

Subsection: Time of Concentration Calculations — Return Event: 1 years
Label: PDA-1B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time of Concentration Results

Segment #1: User Defined Tc

Proposed Hydrologic Calculations

Subsection: Time of Concentration Calculations
Label: PDA-1B
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: TypeIII 24hr (2.8 in)

Time of Concentration	0.083 hours

Time of Concentration (Composite)	
Time of Concentration (Composite)	0.083 hours

==== User Defined

Tc =	Value entered by user
Where:	Tc= Time of concentration, hours

Subsection: Time of Concentration Calculations
Label: PDA-1D
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: TypeIII 24hr (2.8 in)

Time of Concentration Results

Segment #1: User Defined Tc	
Time of Concentration	0.083 hours

Time of Concentration (Composite)	
Time of Concentration (Composite)	0.083 hours

==== User Defined

Tc =	Value entered by user
Where:	Tc= Time of concentration, hours

Subsection: Time of Concentration Calculations
Label: PDA-3A
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: TypeIII 24hr (2.8 in)

Time of Concentration Results

Segment #1: User Defined Tc	
Time of Concentration	0.083 hours

Time of Concentration (Composite)	
Time of Concentration (Composite)	0.083 hours

==== User Defined

Proposed Hydrologic Calculations

Subsection: Time of Concentration Calculations — Return Event: 1 years
Label: PDA-3A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

==== User Defined

Tc =	Value entered by user
Where:	Tc= Time of concentration, hours

Subsection: Runoff CN-Area — Return Event: 1 years
Label: PDA-1A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
IMPERVIOUS	98.000	2.290	0.0	0.0	98.000
LAWN B	61.000	2.830	0.0	0.0	61.000
LAWN D	80.000	0.670	0.0	0.0	80.000
WOODS B	55.000	0.210	0.0	0.0	55.000
WOODS D	77.000	0.080	0.0	0.0	77.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	6.080	(N/A)	(N/A)	77.033

Subsection: Runoff CN-Area — Return Event: 1 years
Label: PDA-1B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
IMPERVIOUS	98.000	2.690	0.0	0.0	98.000
LAWN B	61.000	2.400	0.0	0.0	61.000
LAWN D	80.000	0.520	0.0	0.0	80.000
WOODS D	77.000	0.210	0.0	0.0	77.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	5.820	(N/A)	(N/A)	80.376

Subsection: Runoff CN-Area — Return Event: 1 years
Label: PDA-1C — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
IMPERVIOUS	98.000	0.110	0.0	0.0	98.000
LAWN B	61.000	0.060	0.0	0.0	61.000
LAWN C	74.000	0.420	0.0	0.0	74.000
WOODS C	70.000	0.060	0.0	0.0	70.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	0.650	(N/A)	(N/A)	76.492

Proposed Hydrologic Calculations

Subsection: Runoff CN-Area
Return Event: 1 years
Label: PDA-1D
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
IMPERVIOUS	98.000	0.430	0.0	0.0	98.000
LAWN B	61.000	0.180	0.0	0.0	61.000
LAWN C	74.000	0.530	0.0	0.0	74.000
LAWN D	80.000	0.110	0.0	0.0	80.000
WOODS C	70.000	0.150	0.0	0.0	70.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	1.400	(N/A)	(N/A)	79.743

Subsection: Runoff CN-Area
Return Event: 1 years
Label: PDA-2A
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
IMPERVIOUS	98.000	0.261	0.0	0.0	98.000
LAWN B	61.000	1.384	0.0	0.0	61.000
LAWN C	74.000	0.856	0.0	0.0	74.000
LAWN D	80.000	0.372	0.0	0.0	80.000
WOODS B	55.000	0.251	0.0	0.0	55.000
WOODS C	70.000	0.182	0.0	0.0	70.000
WOODS D	77.000	0.044	0.0	0.0	77.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	3.350	(N/A)	(N/A)	69.564

Subsection: Runoff CN-Area
Return Event: 1 years
Label: PDA-3A
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Runoff Curve Number Data

Soil/Surface Description	CN	Area (acres)	C (%)	UC (%)	Adjusted CN
LAWN B	61.000	0.020	0.0	0.0	61.000
Impervious	98.000	0.050	0.0	0.0	98.000
COMPOSITE AREA & WEIGHTED CN --->	(N/A)	0.070	(N/A)	(N/A)	87.429

Subsection: Unit Hydrograph Summary
Return Event: 1 years
Label: PDA-1A
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Storm Event	TypeIII 24hr (2.8 in)
Return Event	1 years

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: PDA-1A | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Duration	35.000 hours
Depth	2.8 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	6.080 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.117 hours
Flow (Peak, Computed)	5.76 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	5.70 ft^3/s

Drainage Area	
SCS CN (Composite)	77.000
Area (User Defined)	6.080 acres
Maximum Retention (Pervious)	3.0 in
Maximum Retention (Pervious, 20 percent)	0.6 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.9 in
Runoff Volume (Pervious)	20,337.598 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	20,335.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	82.70 ft^3/s
Unit peak time, Tp	0.056 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: PDA-1A | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

SCS Unit Hydrograph Parameters	
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: PDA-1A | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Storm Event	TypeIII 24hr (5.1 in)
Return Event	10 years
Duration	35.000 hours
Depth	5.1 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	6.080 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.106 hours
Flow (Peak, Computed)	17.36 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	17.30 ft^3/s

Drainage Area	
SCS CN (Composite)	77.000
Area (User Defined)	6.080 acres
Maximum Retention (Pervious)	3.0 in
Maximum Retention (Pervious, 20 percent)	0.6 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.7 in
Runoff Volume (Pervious)	60,484.792 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	60,480.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: PDA-1A | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	82.70 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: PDA-1A | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Storm Event	TypeIII 24hr (9.3 in)
Return Event	100 years
Duration	35.000 hours
Depth	9.3 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	6.080 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.106 hours
Flow (Peak, Computed)	39.68 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	39.64 ft^3/s

Drainage Area	
SCS CN (Composite)	77.000
Area (User Defined)	6.080 acres
Maximum Retention (Pervious)	3.0 in
Maximum Retention (Pervious, 20 percent)	0.6 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.5 in
Runoff Volume (Pervious)	142,990.748 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	142,985.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: PDA-1A | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	82.70 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: PDA-1B | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Storm Event	TypeIII 24hr (2.8 in)
Return Event	1 years
Duration	35.000 hours
Depth	2.8 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	5.820 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.106 hours
Flow (Peak, Computed)	6.59 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	6.54 ft^3/s

Drainage Area	
SCS CN (Composite)	80.000
Area (User Defined)	5.820 acres
Maximum Retention (Pervious)	2.5 in
Maximum Retention (Pervious, 20 percent)	0.5 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.1 in
Runoff Volume (Pervious)	22,975.828 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	22,973.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: PDA-1B | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	79.16 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: PDA-1B | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Storm Event	TypeIII 24hr (5.1 in)
Return Event	10 years
Duration	35.000 hours
Depth	5.1 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	5.820 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.106 hours
Flow (Peak, Computed)	18.15 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	18.10 ft^3/s

Drainage Area	
SCS CN (Composite)	80.000
Area (User Defined)	5.820 acres
Maximum Retention (Pervious)	2.5 in
Maximum Retention (Pervious, 20 percent)	0.5 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.0 in
Runoff Volume (Pervious)	63,704.088 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	63,700.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: PDA-1B | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	79.16 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: PDA-1B | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Storm Event	TypeIII 24hr (9.3 in)
Return Event	100 years
Duration	35.000 hours
Depth	9.3 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	5.820 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.106 hours
Flow (Peak, Computed)	39.63 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	39.62 ft^3/s

Drainage Area	
SCS CN (Composite)	80.000
Area (User Defined)	5.820 acres
Maximum Retention (Pervious)	2.5 in
Maximum Retention (Pervious, 20 percent)	0.5 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.9 in
Runoff Volume (Pervious)	144,782.641 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	144,778.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: PDA-1B | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	79.16 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: PDA-1C | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Storm Event	TypeIII 24hr (2.8 in)
Return Event	1 years
Duration	35.000 hours
Depth	2.8 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	0.650 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.117 hours
Flow (Peak, Computed)	0.58 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	0.57 ft^3/s

Drainage Area	
SCS CN (Composite)	76.000
Area (User Defined)	0.650 acres
Maximum Retention (Pervious)	3.2 in
Maximum Retention (Pervious, 20 percent)	0.6 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.9 in
Runoff Volume (Pervious)	2,052.417 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	2,052.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: PDA-1C | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	8.84 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: PDA-1C | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Storm Event	TypeIII 24hr (5.1 in)
Return Event	10 years
Duration	35.000 hours
Depth	5.1 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	0.650 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.106 hours
Flow (Peak, Computed)	1.80 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	1.79 ft^3/s

Drainage Area	
SCS CN (Composite)	76.000
Area (User Defined)	0.650 acres
Maximum Retention (Pervious)	3.2 in
Maximum Retention (Pervious, 20 percent)	0.6 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.7 in
Runoff Volume (Pervious)	6,255.788 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	6,255.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary
Return Event: 10 years
Label: PDA-1C
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	8.84 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: PDA-1C | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Storm Event	TypeIII 24hr (9.3 in)
Return Event	100 years
Duration	35.000 hours
Depth	9.3 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	0.650 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.106 hours
Flow (Peak, Computed)	4.18 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	4.17 ft^3/s

Drainage Area	
SCS CN (Composite)	76.000
Area (User Defined)	0.650 acres
Maximum Retention (Pervious)	3.2 in
Maximum Retention (Pervious, 20 percent)	0.6 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.4 in
Runoff Volume (Pervious)	14,991.685 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	14,991.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: PDA-1C | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	8.84 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: PDA-1D | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Storm Event	TypeIII 24hr (2.8 in)
Return Event	1 years
Duration	35.000 hours
Depth	2.8 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	1.400 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.106 hours
Flow (Peak, Computed)	1.59 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	1.57 ft^3/s

Drainage Area	
SCS CN (Composite)	80.000
Area (User Defined)	1.400 acres
Maximum Retention (Pervious)	2.5 in
Maximum Retention (Pervious, 20 percent)	0.5 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.1 in
Runoff Volume (Pervious)	5,526.831 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	5,526.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: PDA-1D | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	19.04 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: PDA-1D | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Storm Event	TypeIII 24hr (5.1 in)
Return Event	10 years
Duration	35.000 hours
Depth	5.1 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	1.400 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.106 hours
Flow (Peak, Computed)	4.37 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	4.35 ft^3/s

Drainage Area	
SCS CN (Composite)	80.000
Area (User Defined)	1.400 acres
Maximum Retention (Pervious)	2.5 in
Maximum Retention (Pervious, 20 percent)	0.5 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.0 in
Runoff Volume (Pervious)	15,324.007 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	15,323.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: PDA-1D | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	19.04 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: PDA-1D | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Storm Event	TypeIII 24hr (9.3 in)
Return Event	100 years
Duration	35.000 hours
Depth	9.3 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	1.400 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.106 hours
Flow (Peak, Computed)	9.53 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	9.53 ft^3/s

Drainage Area	
SCS CN (Composite)	80.000
Area (User Defined)	1.400 acres
Maximum Retention (Pervious)	2.5 in
Maximum Retention (Pervious, 20 percent)	0.5 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.9 in
Runoff Volume (Pervious)	34,827.439 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	34,826.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: PDA-1D | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	19.04 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: PDA-2A | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Storm Event	TypeIII 24hr (2.8 in)
Return Event	1 years
Duration	35.000 hours
Depth	2.8 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	3.350 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.117 hours
Flow (Peak, Computed)	1.89 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	1.84 ft^3/s

Drainage Area	
SCS CN (Composite)	70.000
Area (User Defined)	3.350 acres
Maximum Retention (Pervious)	4.3 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.6 in
Runoff Volume (Pervious)	7,241.921 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	7,240.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: PDA-2A | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	45.57 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: PDA-2A | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Storm Event	TypeIII 24hr (5.1 in)
Return Event	10 years
Duration	35.000 hours
Depth	5.1 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	3.350 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.106 hours
Flow (Peak, Computed)	7.49 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	7.44 ft^3/s

Drainage Area	
SCS CN (Composite)	70.000
Area (User Defined)	3.350 acres
Maximum Retention (Pervious)	4.3 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.1 in
Runoff Volume (Pervious)	26,032.159 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	26,029.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: PDA-2A | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	45.57 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: PDA-2A | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Storm Event	TypeIII 24hr (9.3 in)
Return Event	100 years
Duration	35.000 hours
Depth	9.3 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	3.350 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.106 hours
Flow (Peak, Computed)	19.35 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	19.30 ft^3/s

Drainage Area	
SCS CN (Composite)	70.000
Area (User Defined)	3.350 acres
Maximum Retention (Pervious)	4.3 in
Maximum Retention (Pervious, 20 percent)	0.9 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	5.6 in
Runoff Volume (Pervious)	68,100.548 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	68,096.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: PDA-2A | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	45.57 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: PDA-3A | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Storm Event	TypeIII 24hr (2.8 in)
Return Event	1 years
Duration	35.000 hours
Depth	2.8 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	0.070 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.106 hours
Flow (Peak, Computed)	0.11 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	0.11 ft^3/s

Drainage Area	
SCS CN (Composite)	87.000
Area (User Defined)	0.070 acres
Maximum Retention (Pervious)	1.5 in
Maximum Retention (Pervious, 20 percent)	0.3 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.5 in
Runoff Volume (Pervious)	393.486 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	393.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 1 years
Label: PDA-3A | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	0.95 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: PDA-3A | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Storm Event	TypeIII 24hr (5.1 in)
Return Event	10 years
Duration	35.000 hours
Depth	5.1 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	0.070 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.106 hours
Flow (Peak, Computed)	0.26 ft^3/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	0.26 ft^3/s

Drainage Area	
SCS CN (Composite)	87.000
Area (User Defined)	0.070 acres
Maximum Retention (Pervious)	1.5 in
Maximum Retention (Pervious, 20 percent)	0.3 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.7 in
Runoff Volume (Pervious)	939.999 ft^3

Hydrograph Volume (Area under Hydrograph curve)	
Volume	940.000 ft^3

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 10 years
Label: PDA-3A | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	0.95 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: PDA-3A | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Storm Event	TypeIII 24hr (9.3 in)
Return Event	100 years
Duration	35.000 hours
Depth	9.3 in
Time of Concentration (Composite)	0.083 hours
Area (User Defined)	0.070 acres

Computational Time Increment	0.011 hours
Time to Peak (Computed)	12.095 hours
Flow (Peak, Computed)	0.52 ft³/s
Output Increment	0.050 hours
Time to Flow (Peak Interpolated Output)	12.100 hours
Flow (Peak Interpolated Output)	0.52 ft³/s

Drainage Area	
SCS CN (Composite)	87.000
Area (User Defined)	0.070 acres
Maximum Retention (Pervious)	1.5 in
Maximum Retention (Pervious, 20 percent)	0.3 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	7.7 in
Runoff Volume (Pervious)	1,961.560 ft³

Hydrograph Volume (Area under Hydrograph curve)	
Volume	1,962.000 ft³

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	0.083 hours
Computational Time Increment	0.011 hours
Unit Hydrograph Shape Factor	483.432
K Factor	0.749

Proposed Hydrologic Calculations

Subsection: Unit Hydrograph Summary | Return Event: 100 years
Label: PDA-3A | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

SCS Unit Hydrograph Parameters	
Receding/Rising, Tr/Tp	1.670
Unit peak, qp	0.95 ft^3/s
Unit peak time, Tp	0.056 hours
Unit receding limb, Tr	0.222 hours
Total unit time, Tb	0.278 hours

Proposed Hydrologic Calculations

Subsection: Addition Summary — Return Event: 1 years
Label: DP-1 — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Summary for Hydrograph Addition at 'DP-1'

Upstream Link	Upstream Node
1A Out	BASIN 1A
1B Out	BASIN 1B
<Catchment to Outflow Node>	PDA-1C
Pipe 1D	Pond 1D

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	1A Out	0.000	0.000	0.00
Flow (From)	1B Out	0.000	0.000	0.00
Flow (From)	PDA-1C	2,052.106	12.100	0.57
Flow (From)	Pipe 1D	0.000	0.000	0.00
Flow (In)	DP-1	2,052.106	12.100	0.57

Subsection: Addition Summary — Return Event: 10 years
Label: DP-1 — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Summary for Hydrograph Addition at 'DP-1'

Upstream Link	Upstream Node
1A Out	BASIN 1A
1B Out	BASIN 1B
<Catchment to Outflow Node>	PDA-1C
Pipe 1D	Pond 1D

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	1A Out	9,453.573	13.950	0.32
Flow (From)	1B Out	19,037.063	12.800	1.48
Flow (From)	PDA-1C	6,255.268	12.100	1.79
Flow (From)	Pipe 1D	9,622.717	12.700	0.64
Flow (In)	DP-1	44,368.620	12.450	2.81

Subsection: Addition Summary — Return Event: 100 years
Label: DP-1 — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Summary for Hydrograph Addition at 'DP-1'

Upstream Link	Upstream Node
1A Out	BASIN 1A

Proposed Hydrologic Calculations

Subsection: Addition Summary — Return Event: 100 years
Label: DP-1 — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Summary for Hydrograph Addition at 'DP-1'

Upstream Link	Upstream Node
1B Out	BASIN 1B
<Catchment to Outflow Node>	PDA-1C
Pipe 1D	Pond 1D

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	1A Out	61,670.735	12.450	9.62
Flow (From)	1B Out	79,736.960	13.050	2.95
Flow (From)	PDA-1C	14,991.021	12.100	4.17
Flow (From)	Pipe 1D	29,111.540	12.300	4.31
Flow (In)	DP-1	185,510.256	12.400	17.70

Subsection: Addition Summary — Return Event: 1 years
Label: DP-2 — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Summary for Hydrograph Addition at 'DP-2'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	PDA-2A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	PDA-2A	7,240.424	12.100	1.84
Flow (In)	DP-2	7,240.424	12.100	1.84

Subsection: Addition Summary — Return Event: 10 years
Label: DP-2 — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Summary for Hydrograph Addition at 'DP-2'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	PDA-2A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	PDA-2A	26,029.231	12.100	7.44
Flow (In)	DP-2	26,029.231	12.100	7.44

Proposed Hydrologic Calculations

Subsection: Addition Summary — Return Event: 100 years
Label: DP-2 — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Summary for Hydrograph Addition at 'DP-2'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	PDA-2A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	PDA-2A	68,096.313	12.100	19.30
Flow (In)	DP-2	68,096.313	12.100	19.30

Subsection: Addition Summary — Return Event: 1 years
Label: DP-3 — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Summary for Hydrograph Addition at 'DP-3'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	PDA-3A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	PDA-3A	393.457	12.100	0.11
Flow (In)	DP-3	393.457	12.100	0.11

Subsection: Addition Summary — Return Event: 10 years
Label: DP-3 — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Summary for Hydrograph Addition at 'DP-3'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	PDA-3A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	PDA-3A	939.964	12.100	0.26
Flow (In)	DP-3	939.964	12.100	0.26

Subsection: Addition Summary — Return Event: 100 years
Label: DP-3 — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Proposed Hydrologic Calculations

Subsection: Addition Summary | Return Event: 100 years
Label: DP-3 | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Summary for Hydrograph Addition at 'DP-3'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	PDA-3A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	PDA-3A	1,961.526	12.100	0.52
Flow (In)	DP-3	1,961.526	12.100	0.52

Subsection: Time vs. Elevation | Return Event: 1 years
Label: BASIN 1A (IN) | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	358.00	358.00	358.00	358.00	358.00
0.250	358.00	358.00	358.00	358.00	358.00
0.500	358.00	358.00	358.00	358.00	358.00
0.750	358.00	358.00	358.00	358.00	358.00
1.000	358.00	358.00	358.00	358.00	358.00
1.250	358.00	358.00	358.00	358.00	358.00
1.500	358.00	358.00	358.00	358.00	358.00
1.750	358.00	358.00	358.00	358.00	358.00
2.000	358.00	358.00	358.00	358.00	358.00
2.250	358.00	358.00	358.00	358.00	358.00
2.500	358.00	358.00	358.00	358.00	358.00
2.750	358.00	358.00	358.00	358.00	358.00
3.000	358.00	358.00	358.00	358.00	358.00
3.250	358.00	358.00	358.00	358.00	358.00
3.500	358.00	358.00	358.00	358.00	358.00
3.750	358.00	358.00	358.00	358.00	358.00
4.000	358.00	358.00	358.00	358.00	358.00
4.250	358.00	358.00	358.00	358.00	358.00
4.500	358.00	358.00	358.00	358.00	358.00
4.750	358.00	358.00	358.00	358.00	358.00
5.000	358.00	358.00	358.00	358.00	358.00
5.250	358.00	358.00	358.00	358.00	358.00
5.500	358.00	358.00	358.00	358.00	358.00
5.750	358.00	358.00	358.00	358.00	358.00
6.000	358.00	358.00	358.00	358.00	358.00

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 1 years
Label: BASIN 1A (IN)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
6.250	358.00	358.00	358.00	358.00	358.00
6.500	358.00	358.00	358.00	358.00	358.00
6.750	358.00	358.00	358.00	358.00	358.00
7.000	358.00	358.00	358.00	358.00	358.00
7.250	358.00	358.00	358.00	358.00	358.00
7.500	358.00	358.00	358.00	358.00	358.00
7.750	358.00	358.00	358.00	358.00	358.00
8.000	358.00	358.00	358.00	358.00	358.00
8.250	358.00	358.00	358.00	358.00	358.00
8.500	358.00	358.00	358.00	358.00	358.00
8.750	358.00	358.00	358.00	358.00	358.00
9.000	358.00	358.00	358.00	358.00	358.00
9.250	358.00	358.00	358.00	358.00	358.00
9.500	358.00	358.00	358.00	358.00	358.00
9.750	358.00	358.00	358.00	358.00	358.00
10.000	358.00	358.00	358.00	358.00	358.00
10.250	358.00	358.00	358.00	358.00	358.00
10.500	358.00	358.00	358.00	358.00	358.00
10.750	358.00	358.00	358.00	358.00	358.00
11.000	358.00	358.00	358.01	358.01	358.01
11.250	358.01	358.01	358.01	358.01	358.01
11.500	358.02	358.02	358.02	358.03	358.03
11.750	358.04	358.06	358.07	358.09	358.12
12.000	358.18	358.26	358.35	358.44	358.51
12.250	358.56	358.60	358.63	358.66	358.69
12.500	358.70	358.71	358.72	358.72	358.72
12.750	358.72	358.72	358.72	358.71	358.71
13.000	358.71	358.70	358.70	358.69	358.69
13.250	358.68	358.67	358.67	358.66	358.66
13.500	358.65	358.64	358.63	358.63	358.62
13.750	358.61	358.60	358.60	358.59	358.58
14.000	358.57	358.56	358.55	358.54	358.53
14.250	358.52	358.51	358.50	358.49	358.48
14.500	358.47	358.46	358.45	358.44	358.43
14.750	358.42	358.41	358.40	358.39	358.37
15.000	358.36	358.35	358.34	358.33	358.32
15.250	358.30	358.29	358.28	358.27	358.25
15.500	358.24	358.23	358.21	358.20	358.19
15.750	358.17	358.16	358.15	358.13	358.12
16.000	358.10	358.09	358.08	358.07	358.06
16.250	358.06	358.05	358.05	358.04	358.04

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 1 years
Label: BASIN 1A (IN)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
16.500	358.04	358.03	358.03	358.03	358.03
16.750	358.03	358.03	358.03	358.03	358.03
17.000	358.03	358.03	358.03	358.02	358.02
17.250	358.02	358.02	358.02	358.02	358.02
17.500	358.02	358.02	358.02	358.02	358.02
17.750	358.02	358.02	358.02	358.02	358.02
18.000	358.02	358.02	358.02	358.02	358.02
18.250	358.02	358.02	358.02	358.02	358.02
18.500	358.02	358.02	358.02	358.02	358.02
18.750	358.02	358.02	358.02	358.02	358.02
19.000	358.02	358.02	358.02	358.02	358.02
19.250	358.02	358.02	358.02	358.02	358.02
19.500	358.02	358.02	358.02	358.02	358.02
19.750	358.02	358.02	358.02	358.02	358.02
20.000	358.02	358.02	358.02	358.02	358.02
20.250	358.02	358.02	358.01	358.01	358.01
20.500	358.01	358.01	358.01	358.01	358.01
20.750	358.01	358.01	358.01	358.01	358.01
21.000	358.01	358.01	358.01	358.01	358.01
21.250	358.01	358.01	358.01	358.01	358.01
21.500	358.01	358.01	358.01	358.01	358.01
21.750	358.01	358.01	358.01	358.01	358.01
22.000	358.01	358.01	358.01	358.01	358.01
22.250	358.01	358.01	358.01	358.01	358.01
22.500	358.01	358.01	358.01	358.01	358.01
22.750	358.01	358.01	358.01	358.01	358.01
23.000	358.01	358.01	358.01	358.01	358.01
23.250	358.01	358.01	358.01	358.01	358.01
23.500	358.01	358.01	358.01	358.01	358.01
23.750	358.01	358.01	358.01	358.01	358.01
24.000	358.01	358.01	358.01	358.01	358.01
24.250	358.00	358.00	358.00	358.00	358.00
24.500	358.00	358.00	358.00	358.00	358.00
24.750	358.00	358.00	358.00	358.00	358.00
25.000	358.00	358.00	358.00	358.00	358.00
25.250	358.00	358.00	358.00	358.00	358.00
25.500	358.00	358.00	358.00	358.00	358.00
25.750	358.00	358.00	358.00	358.00	358.00
26.000	358.00	358.00	358.00	358.00	358.00
26.250	358.00	358.00	358.00	358.00	358.00
26.500	358.00	358.00	358.00	358.00	358.00

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation — Return Event: 1 years
Label: BASIN 1A (IN) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
26.750	358.00	358.00	358.00	358.00	358.00
27.000	358.00	358.00	358.00	358.00	358.00
27.250	358.00	358.00	358.00	358.00	358.00
27.500	358.00	358.00	358.00	358.00	358.00
27.750	358.00	358.00	358.00	358.00	358.00
28.000	358.00	358.00	358.00	358.00	358.00
28.250	358.00	358.00	358.00	358.00	358.00
28.500	358.00	358.00	358.00	358.00	358.00
28.750	358.00	358.00	358.00	358.00	358.00
29.000	358.00	358.00	358.00	358.00	358.00
29.250	358.00	358.00	358.00	358.00	358.00
29.500	358.00	358.00	358.00	358.00	358.00
29.750	358.00	358.00	358.00	358.00	358.00
30.000	358.00	358.00	358.00	358.00	358.00
30.250	358.00	358.00	358.00	358.00	358.00
30.500	358.00	358.00	358.00	358.00	358.00
30.750	358.00	358.00	358.00	358.00	358.00
31.000	358.00	358.00	358.00	358.00	358.00
31.250	358.00	358.00	358.00	358.00	358.00
31.500	358.00	358.00	358.00	358.00	358.00
31.750	358.00	358.00	358.00	358.00	358.00
32.000	358.00	358.00	358.00	358.00	358.00
32.250	358.00	358.00	358.00	358.00	358.00
32.500	358.00	358.00	358.00	358.00	358.00
32.750	358.00	358.00	358.00	358.00	358.00
33.000	358.00	358.00	358.00	358.00	358.00
33.250	358.00	358.00	358.00	358.00	358.00
33.500	358.00	358.00	358.00	358.00	358.00
33.750	358.00	358.00	358.00	358.00	358.00
34.000	358.00	358.00	358.00	358.00	358.00
34.250	358.00	358.00	358.00	358.00	358.00
34.500	358.00	358.00	358.00	358.00	358.00
34.750	358.00	358.00	358.00	358.00	358.00
35.000	358.00	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Elevation — Return Event: 10 years
Label: BASIN 1A (IN) — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: BASIN 1A (IN)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	358.00	358.00	358.00	358.00	358.00
0.250	358.00	358.00	358.00	358.00	358.00
0.500	358.00	358.00	358.00	358.00	358.00
0.750	358.00	358.00	358.00	358.00	358.00
1.000	358.00	358.00	358.00	358.00	358.00
1.250	358.00	358.00	358.00	358.00	358.00
1.500	358.00	358.00	358.00	358.00	358.00
1.750	358.00	358.00	358.00	358.00	358.00
2.000	358.00	358.00	358.00	358.00	358.00
2.250	358.00	358.00	358.00	358.00	358.00
2.500	358.00	358.00	358.00	358.00	358.00
2.750	358.00	358.00	358.00	358.00	358.00
3.000	358.00	358.00	358.00	358.00	358.00
3.250	358.00	358.00	358.00	358.00	358.00
3.500	358.00	358.00	358.00	358.00	358.00
3.750	358.00	358.00	358.00	358.00	358.00
4.000	358.00	358.00	358.00	358.00	358.00
4.250	358.00	358.00	358.00	358.00	358.00
4.500	358.00	358.00	358.00	358.00	358.00
4.750	358.00	358.00	358.00	358.00	358.00
5.000	358.00	358.00	358.00	358.00	358.00
5.250	358.00	358.00	358.00	358.00	358.00
5.500	358.00	358.00	358.00	358.00	358.00
5.750	358.00	358.00	358.00	358.00	358.00
6.000	358.00	358.00	358.00	358.00	358.00
6.250	358.00	358.00	358.00	358.00	358.00
6.500	358.00	358.00	358.00	358.00	358.00
6.750	358.00	358.00	358.00	358.00	358.00
7.000	358.00	358.00	358.00	358.00	358.00
7.250	358.00	358.00	358.00	358.00	358.00
7.500	358.00	358.00	358.00	358.00	358.00
7.750	358.00	358.00	358.00	358.00	358.00
8.000	358.00	358.00	358.00	358.00	358.00
8.250	358.00	358.00	358.00	358.00	358.00
8.500	358.00	358.00	358.00	358.00	358.00
8.750	358.00	358.00	358.01	358.01	358.01
9.000	358.01	358.01	358.01	358.01	358.01
9.250	358.01	358.01	358.01	358.01	358.01
9.500	358.02	358.02	358.02	358.02	358.02
9.750	358.02	358.02	358.02	358.02	358.03

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: BASIN 1A (IN)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
10.000	358.03	358.03	358.03	358.03	358.03
10.250	358.03	358.03	358.04	358.04	358.04
10.500	358.04	358.04	358.05	358.05	358.05
10.750	358.05	358.06	358.06	358.06	358.06
11.000	358.06	358.07	358.07	358.07	358.08
11.250	358.08	358.09	358.09	358.10	358.11
11.500	358.12	358.13	358.15	358.18	358.23
11.750	358.29	358.36	358.45	358.57	358.72
12.000	358.93	359.20	359.47	359.72	359.91
12.250	360.05	360.17	360.27	360.35	360.42
12.500	360.47	360.51	360.53	360.56	360.58
12.750	360.59	360.61	360.63	360.64	360.65
13.000	360.66	360.67	360.68	360.68	360.69
13.250	360.70	360.70	360.71	360.71	360.72
13.500	360.72	360.72	360.73	360.73	360.73
13.750	360.73	360.74	360.74	360.74	360.74
14.000	360.74	360.74	360.74	360.74	360.73
14.250	360.73	360.73	360.73	360.73	360.73
14.500	360.72	360.72	360.72	360.71	360.71
14.750	360.71	360.70	360.70	360.70	360.69
15.000	360.69	360.68	360.68	360.67	360.67
15.250	360.66	360.66	360.65	360.65	360.64
15.500	360.63	360.63	360.62	360.61	360.61
15.750	360.60	360.59	360.58	360.58	360.57
16.000	360.56	360.55	360.54	360.53	360.52
16.250	360.51	360.50	360.50	360.49	360.48
16.500	360.47	360.46	360.45	360.44	360.43
16.750	360.42	360.41	360.40	360.39	360.38
17.000	360.37	360.36	360.34	360.33	360.32
17.250	360.31	360.30	360.29	360.28	360.27
17.500	360.26	360.24	360.23	360.22	360.21
17.750	360.20	360.18	360.17	360.16	360.15
18.000	360.14	360.12	360.11	360.10	360.08
18.250	360.07	360.06	360.05	360.03	360.02
18.500	360.01	360.00	359.98	359.97	359.96
18.750	359.94	359.93	359.92	359.90	359.89
19.000	359.88	359.86	359.85	359.84	359.82
19.250	359.81	359.80	359.78	359.77	359.76
19.500	359.74	359.73	359.72	359.70	359.69
19.750	359.68	359.66	359.65	359.63	359.62
20.000	359.61	359.59	359.58	359.57	359.55

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: BASIN 1A (IN)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
20.250	359.54	359.52	359.51	359.50	359.48
20.500	359.47	359.45	359.44	359.43	359.41
20.750	359.40	359.38	359.37	359.35	359.34
21.000	359.33	359.31	359.30	359.28	359.27
21.250	359.26	359.24	359.23	359.21	359.20
21.500	359.18	359.17	359.16	359.14	359.13
21.750	359.11	359.10	359.09	359.07	359.06
22.000	359.04	359.03	359.01	359.00	358.99
22.250	358.97	358.96	358.94	358.93	358.92
22.500	358.90	358.89	358.88	358.86	358.85
22.750	358.84	358.82	358.81	358.80	358.78
23.000	358.77	358.75	358.74	358.73	358.71
23.250	358.70	358.69	358.67	358.66	358.64
23.500	358.63	358.62	358.60	358.59	358.57
23.750	358.56	358.55	358.53	358.52	358.50
24.000	358.49	358.47	358.45	358.43	358.42
24.250	358.40	358.38	358.36	358.34	358.32
24.500	358.30	358.28	358.26	358.24	358.22
24.750	358.20	358.18	358.16	358.14	358.12
25.000	358.10	358.08	358.06	358.05	358.04
25.250	358.03	358.03	358.02	358.02	358.01
25.500	358.01	358.01	358.01	358.01	358.01
25.750	358.00	358.00	358.00	358.00	358.00
26.000	358.00	358.00	358.00	358.00	358.00
26.250	358.00	358.00	358.00	358.00	358.00
26.500	358.00	358.00	358.00	358.00	358.00
26.750	358.00	358.00	358.00	358.00	358.00
27.000	358.00	358.00	358.00	358.00	358.00
27.250	358.00	358.00	358.00	358.00	358.00
27.500	358.00	358.00	358.00	358.00	358.00
27.750	358.00	358.00	358.00	358.00	358.00
28.000	358.00	358.00	358.00	358.00	358.00
28.250	358.00	358.00	358.00	358.00	358.00
28.500	358.00	358.00	358.00	358.00	358.00
28.750	358.00	358.00	358.00	358.00	358.00
29.000	358.00	358.00	358.00	358.00	358.00
29.250	358.00	358.00	358.00	358.00	358.00
29.500	358.00	358.00	358.00	358.00	358.00
29.750	358.00	358.00	358.00	358.00	358.00
30.000	358.00	358.00	358.00	358.00	358.00
30.250	358.00	358.00	358.00	358.00	358.00

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation | Return Event: 10 years
Label: BASIN 1A (IN) | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
30.500	358.00	358.00	358.00	358.00	358.00
30.750	358.00	358.00	358.00	358.00	358.00
31.000	358.00	358.00	358.00	358.00	358.00
31.250	358.00	358.00	358.00	358.00	358.00
31.500	358.00	358.00	358.00	358.00	358.00
31.750	358.00	358.00	358.00	358.00	358.00
32.000	358.00	358.00	358.00	358.00	358.00
32.250	358.00	358.00	358.00	358.00	358.00
32.500	358.00	358.00	358.00	358.00	358.00
32.750	358.00	358.00	358.00	358.00	358.00
33.000	358.00	358.00	358.00	358.00	358.00
33.250	358.00	358.00	358.00	358.00	358.00
33.500	358.00	358.00	358.00	358.00	358.00
33.750	358.00	358.00	358.00	358.00	358.00
34.000	358.00	358.00	358.00	358.00	358.00
34.250	358.00	358.00	358.00	358.00	358.00
34.500	358.00	358.00	358.00	358.00	358.00
34.750	358.00	358.00	358.00	358.00	358.00
35.000	358.00	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Elevation | Return Event: 100 years
Label: BASIN 1A (IN) | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	358.00	358.00	358.00	358.00	358.00
0.250	358.00	358.00	358.00	358.00	358.00
0.500	358.00	358.00	358.00	358.00	358.00
0.750	358.00	358.00	358.00	358.00	358.00
1.000	358.00	358.00	358.00	358.00	358.00
1.250	358.00	358.00	358.00	358.00	358.00
1.500	358.00	358.00	358.00	358.00	358.00
1.750	358.00	358.00	358.00	358.00	358.00
2.000	358.00	358.00	358.00	358.00	358.00
2.250	358.00	358.00	358.00	358.00	358.00

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 100 years
Label: BASIN 1A (IN)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2.500	358.00	358.00	358.00	358.00	358.00
2.750	358.00	358.00	358.00	358.00	358.00
3.000	358.00	358.00	358.00	358.00	358.00
3.250	358.00	358.00	358.00	358.00	358.00
3.500	358.00	358.00	358.00	358.00	358.00
3.750	358.00	358.00	358.00	358.00	358.00
4.000	358.00	358.00	358.00	358.00	358.00
4.250	358.00	358.00	358.00	358.00	358.00
4.500	358.00	358.00	358.00	358.00	358.00
4.750	358.00	358.00	358.00	358.00	358.00
5.000	358.00	358.00	358.00	358.00	358.00
5.250	358.00	358.00	358.00	358.00	358.00
5.500	358.00	358.00	358.00	358.00	358.00
5.750	358.00	358.00	358.00	358.00	358.00
6.000	358.00	358.00	358.00	358.00	358.00
6.250	358.00	358.00	358.01	358.01	358.01
6.500	358.01	358.01	358.01	358.01	358.01
6.750	358.01	358.01	358.01	358.01	358.01
7.000	358.01	358.01	358.01	358.02	358.02
7.250	358.02	358.02	358.02	358.02	358.02
7.500	358.02	358.02	358.02	358.02	358.03
7.750	358.03	358.03	358.03	358.03	358.03
8.000	358.03	358.03	358.03	358.04	358.04
8.250	358.04	358.04	358.04	358.04	358.04
8.500	358.05	358.05	358.05	358.05	358.05
8.750	358.06	358.06	358.06	358.06	358.06
9.000	358.07	358.07	358.07	358.07	358.08
9.250	358.08	358.08	358.08	358.09	358.09
9.500	358.09	358.09	358.10	358.10	358.10
9.750	358.11	358.11	358.12	358.12	358.13
10.000	358.14	358.14	358.15	358.16	358.17
10.250	358.18	358.20	358.21	358.22	358.24
10.500	358.26	358.27	358.29	358.31	358.34
10.750	358.36	358.38	358.41	358.43	358.46
11.000	358.49	358.52	358.55	358.59	358.62
11.250	358.67	358.71	358.76	358.81	358.87
11.500	358.93	358.99	359.07	359.18	359.31
11.750	359.47	359.66	359.88	360.13	360.44
12.000	360.86	361.35	361.83	362.26	362.56
12.250	362.75	362.88	362.96	363.01	363.03
12.500	363.03	363.00	362.97	362.94	362.90

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation | Return Event: 100 years
Label: BASIN 1A (IN) | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
12.750	362.87	362.84	362.81	362.78	362.76
13.000	362.73	362.71	362.69	362.67	362.65
13.250	362.64	362.62	362.61	362.60	362.58
13.500	362.57	362.56	362.55	362.54	362.53
13.750	362.53	362.52	362.51	362.50	362.49
14.000	362.49	362.48	362.47	362.47	362.46
14.250	362.45	362.45	362.44	362.44	362.43
14.500	362.43	362.42	362.42	362.41	362.41
14.750	362.40	362.40	362.39	362.39	362.39
15.000	362.38	362.38	362.37	362.37	362.37
15.250	362.36	362.36	362.35	362.35	362.34
15.500	362.34	362.34	362.33	362.33	362.32
15.750	362.32	362.32	362.31	362.31	362.30
16.000	362.30	362.29	362.29	362.28	362.28
16.250	362.28	362.27	362.27	362.26	362.26
16.500	362.25	362.25	362.25	362.24	362.24
16.750	362.23	362.23	362.23	362.22	362.22
17.000	362.21	362.21	362.21	362.20	362.20
17.250	362.20	362.19	362.19	362.18	362.18
17.500	362.17	362.17	362.16	362.16	362.15
17.750	362.15	362.14	362.14	362.13	362.12
18.000	362.12	362.11	362.11	362.10	362.09
18.250	362.09	362.08	362.07	362.07	362.06
18.500	362.05	362.04	362.04	362.03	362.02
18.750	362.02	362.01	362.00	361.99	361.99
19.000	361.98	361.97	361.96	361.96	361.95
19.250	361.94	361.93	361.93	361.92	361.91
19.500	361.90	361.90	361.89	361.88	361.87
19.750	361.86	361.85	361.85	361.84	361.83
20.000	361.82	361.81	361.80	361.80	361.79
20.250	361.78	361.77	361.76	361.75	361.74
20.500	361.74	361.73	361.72	361.71	361.70
20.750	361.69	361.68	361.67	361.66	361.65
21.000	361.64	361.64	361.63	361.62	361.61
21.250	361.60	361.59	361.58	361.57	361.56
21.500	361.55	361.54	361.53	361.52	361.51
21.750	361.50	361.49	361.48	361.47	361.46
22.000	361.45	361.44	361.43	361.42	361.41
22.250	361.40	361.39	361.38	361.37	361.36
22.500	361.35	361.34	361.33	361.32	361.31
22.750	361.30	361.29	361.28	361.27	361.25

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 100 years
Label: BASIN 1A (IN)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
23.000	361.24	361.23	361.22	361.21	361.20
23.250	361.19	361.18	361.17	361.15	361.14
23.500	361.13	361.12	361.11	361.10	361.09
23.750	361.08	361.06	361.05	361.04	361.03
24.000	361.02	361.00	360.99	360.97	360.95
24.250	360.93	360.92	360.90	360.88	360.86
24.500	360.84	360.82	360.81	360.79	360.77
24.750	360.75	360.73	360.71	360.70	360.68
25.000	360.66	360.64	360.62	360.60	360.58
25.250	360.56	360.55	360.53	360.51	360.49
25.500	360.47	360.45	360.43	360.41	360.40
25.750	360.38	360.36	360.34	360.32	360.30
26.000	360.28	360.26	360.24	360.22	360.21
26.250	360.19	360.17	360.15	360.13	360.11
26.500	360.09	360.07	360.05	360.03	360.01
26.750	359.99	359.97	359.96	359.94	359.92
27.000	359.90	359.88	359.86	359.84	359.82
27.250	359.80	359.78	359.76	359.74	359.72
27.500	359.70	359.68	359.66	359.64	359.62
27.750	359.60	359.59	359.57	359.55	359.53
28.000	359.51	359.49	359.47	359.45	359.43
28.250	359.41	359.39	359.37	359.35	359.33
28.500	359.31	359.29	359.27	359.25	359.23
28.750	359.21	359.19	359.17	359.15	359.13
29.000	359.11	359.09	359.07	359.05	359.04
29.250	359.02	359.00	358.98	358.96	358.94
29.500	358.92	358.90	358.88	358.86	358.85
29.750	358.83	358.81	358.79	358.77	358.75
30.000	358.74	358.72	358.70	358.68	358.66
30.250	358.64	358.62	358.60	358.59	358.57
30.500	358.55	358.53	358.51	358.49	358.47
30.750	358.45	358.43	358.41	358.39	358.37
31.000	358.35	358.33	358.31	358.29	358.27
31.250	358.25	358.23	358.21	358.19	358.17
31.500	358.15	358.13	358.11	358.09	358.08
31.750	358.06	358.05	358.04	358.03	358.03
32.000	358.02	358.02	358.01	358.01	358.01
32.250	358.01	358.01	358.01	358.00	358.00
32.500	358.00	358.00	358.00	358.00	358.00
32.750	358.00	358.00	358.00	358.00	358.00
33.000	358.00	358.00	358.00	358.00	358.00

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 100 years
Label: BASIN 1A (IN)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
33.250	358.00	358.00	358.00	358.00	358.00
33.500	358.00	358.00	358.00	358.00	358.00
33.750	358.00	358.00	358.00	358.00	358.00
34.000	358.00	358.00	358.00	358.00	358.00
34.250	358.00	358.00	358.00	358.00	358.00
34.500	358.00	358.00	358.00	358.00	358.00
34.750	358.00	358.00	358.00	358.00	358.00
35.000	358.00	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Elevation
Return Event: 1 years
Label: BASIN 1B (IN)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	343.00	343.00	343.00	343.00	343.00
0.250	343.00	343.00	343.00	343.00	343.00
0.500	343.00	343.00	343.00	343.00	343.00
0.750	343.00	343.00	343.00	343.00	343.00
1.000	343.00	343.00	343.00	343.00	343.00
1.250	343.00	343.00	343.00	343.00	343.00
1.500	343.00	343.00	343.00	343.00	343.00
1.750	343.00	343.00	343.00	343.00	343.00
2.000	343.00	343.00	343.00	343.00	343.00
2.250	343.00	343.00	343.00	343.00	343.00
2.500	343.00	343.00	343.00	343.00	343.00
2.750	343.00	343.00	343.00	343.00	343.00
3.000	343.00	343.00	343.00	343.00	343.00
3.250	343.00	343.00	343.00	343.00	343.00
3.500	343.00	343.00	343.00	343.00	343.00
3.750	343.00	343.00	343.00	343.00	343.00
4.000	343.00	343.00	343.00	343.00	343.00
4.250	343.00	343.00	343.00	343.00	343.00
4.500	343.00	343.00	343.00	343.00	343.00
4.750	343.00	343.00	343.00	343.00	343.00
5.000	343.00	343.00	343.00	343.00	343.00

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 1 years
Label: BASIN 1B (IN)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
5.250	343.00	343.00	343.00	343.00	343.00
5.500	343.00	343.00	343.00	343.00	343.00
5.750	343.00	343.00	343.00	343.00	343.00
6.000	343.00	343.00	343.00	343.00	343.00
6.250	343.00	343.00	343.00	343.00	343.00
6.500	343.00	343.00	343.00	343.00	343.00
6.750	343.00	343.00	343.00	343.00	343.00
7.000	343.00	343.00	343.00	343.00	343.00
7.250	343.00	343.00	343.00	343.00	343.00
7.500	343.00	343.00	343.00	343.00	343.00
7.750	343.00	343.00	343.00	343.00	343.00
8.000	343.00	343.00	343.00	343.00	343.00
8.250	343.00	343.00	343.00	343.00	343.00
8.500	343.00	343.00	343.00	343.00	343.00
8.750	343.00	343.00	343.00	343.00	343.00
9.000	343.00	343.00	343.00	343.00	343.00
9.250	343.00	343.00	343.00	343.00	343.00
9.500	343.00	343.00	343.00	343.00	343.00
9.750	343.00	343.00	343.00	343.00	343.00
10.000	343.00	343.00	343.00	343.00	343.00
10.250	343.00	343.00	343.00	343.00	343.00
10.500	343.00	343.00	343.00	343.00	343.01
10.750	343.01	343.01	343.01	343.01	343.01
11.000	343.01	343.01	343.01	343.01	343.01
11.250	343.01	343.02	343.02	343.02	343.02
11.500	343.02	343.03	343.03	343.03	343.04
11.750	343.05	343.06	343.07	343.09	343.12
12.000	343.16	343.22	343.28	343.35	343.39
12.250	343.43	343.46	343.49	343.51	343.52
12.500	343.54	343.54	343.55	343.55	343.55
12.750	343.55	343.55	343.55	343.55	343.55
13.000	343.55	343.55	343.55	343.55	343.54
13.250	343.54	343.54	343.53	343.53	343.53
13.500	343.52	343.52	343.52	343.51	343.51
13.750	343.51	343.50	343.50	343.49	343.49
14.000	343.48	343.48	343.47	343.47	343.46
14.250	343.46	343.45	343.45	343.44	343.44
14.500	343.43	343.43	343.42	343.41	343.41
14.750	343.40	343.40	343.39	343.38	343.38
15.000	343.37	343.36	343.36	343.35	343.35
15.250	343.34	343.33	343.33	343.32	343.31

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 1 years
Label: BASIN 1B (IN)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
15.500	343.30	343.30	343.29	343.28	343.28
15.750	343.27	343.26	343.25	343.24	343.24
16.000	343.23	343.22	343.21	343.20	343.20
16.250	343.19	343.18	343.17	343.16	343.16
16.500	343.15	343.14	343.13	343.12	343.11
16.750	343.10	343.10	343.09	343.08	343.08
17.000	343.07	343.06	343.06	343.06	343.05
17.250	343.05	343.05	343.04	343.04	343.04
17.500	343.04	343.04	343.03	343.03	343.03
17.750	343.03	343.03	343.03	343.03	343.03
18.000	343.03	343.03	343.02	343.02	343.02
18.250	343.02	343.02	343.02	343.02	343.02
18.500	343.02	343.02	343.02	343.02	343.02
18.750	343.02	343.02	343.02	343.02	343.02
19.000	343.02	343.02	343.02	343.02	343.02
19.250	343.02	343.02	343.02	343.02	343.02
19.500	343.02	343.02	343.02	343.02	343.02
19.750	343.02	343.02	343.02	343.02	343.02
20.000	343.02	343.02	343.02	343.02	343.02
20.250	343.02	343.02	343.02	343.02	343.02
20.500	343.02	343.02	343.02	343.02	343.02
20.750	343.02	343.02	343.02	343.02	343.02
21.000	343.02	343.02	343.02	343.02	343.02
21.250	343.02	343.02	343.01	343.01	343.01
21.500	343.01	343.01	343.01	343.01	343.01
21.750	343.01	343.01	343.01	343.01	343.01
22.000	343.01	343.01	343.01	343.01	343.01
22.250	343.01	343.01	343.01	343.01	343.01
22.500	343.01	343.01	343.01	343.01	343.01
22.750	343.01	343.01	343.01	343.01	343.01
23.000	343.01	343.01	343.01	343.01	343.01
23.250	343.01	343.01	343.01	343.01	343.01
23.500	343.01	343.01	343.01	343.01	343.01
23.750	343.01	343.01	343.01	343.01	343.01
24.000	343.01	343.01	343.01	343.01	343.01
24.250	343.01	343.01	343.01	343.01	343.00
24.500	343.00	343.00	343.00	343.00	343.00
24.750	343.00	343.00	343.00	343.00	343.00
25.000	343.00	343.00	343.00	343.00	343.00
25.250	343.00	343.00	343.00	343.00	343.00
25.500	343.00	343.00	343.00	343.00	343.00

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation | Return Event: 1 years
Label: BASIN 1B (IN) | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
25.750	343.00	343.00	343.00	343.00	343.00
26.000	343.00	343.00	343.00	343.00	343.00
26.250	343.00	343.00	343.00	343.00	343.00
26.500	343.00	343.00	343.00	343.00	343.00
26.750	343.00	343.00	343.00	343.00	343.00
27.000	343.00	343.00	343.00	343.00	343.00
27.250	343.00	343.00	343.00	343.00	343.00
27.500	343.00	343.00	343.00	343.00	343.00
27.750	343.00	343.00	343.00	343.00	343.00
28.000	343.00	343.00	343.00	343.00	343.00
28.250	343.00	343.00	343.00	343.00	343.00
28.500	343.00	343.00	343.00	343.00	343.00
28.750	343.00	343.00	343.00	343.00	343.00
29.000	343.00	343.00	343.00	343.00	343.00
29.250	343.00	343.00	343.00	343.00	343.00
29.500	343.00	343.00	343.00	343.00	343.00
29.750	343.00	343.00	343.00	343.00	343.00
30.000	343.00	343.00	343.00	343.00	343.00
30.250	343.00	343.00	343.00	343.00	343.00
30.500	343.00	343.00	343.00	343.00	343.00
30.750	343.00	343.00	343.00	343.00	343.00
31.000	343.00	343.00	343.00	343.00	343.00
31.250	343.00	343.00	343.00	343.00	343.00
31.500	343.00	343.00	343.00	343.00	343.00
31.750	343.00	343.00	343.00	343.00	343.00
32.000	343.00	343.00	343.00	343.00	343.00
32.250	343.00	343.00	343.00	343.00	343.00
32.500	343.00	343.00	343.00	343.00	343.00
32.750	343.00	343.00	343.00	343.00	343.00
33.000	343.00	343.00	343.00	343.00	343.00
33.250	343.00	343.00	343.00	343.00	343.00
33.500	343.00	343.00	343.00	343.00	343.00
33.750	343.00	343.00	343.00	343.00	343.00
34.000	343.00	343.00	343.00	343.00	343.00
34.250	343.00	343.00	343.00	343.00	343.00
34.500	343.00	343.00	343.00	343.00	343.00
34.750	343.00	343.00	343.00	343.00	343.00
35.000	343.00	(N/A)	(N/A)	(N/A)	(N/A)

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: BASIN 1B (IN)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	343.00	343.00	343.00	343.00	343.00
0.250	343.00	343.00	343.00	343.00	343.00
0.500	343.00	343.00	343.00	343.00	343.00
0.750	343.00	343.00	343.00	343.00	343.00
1.000	343.00	343.00	343.00	343.00	343.00
1.250	343.00	343.00	343.00	343.00	343.00
1.500	343.00	343.00	343.00	343.00	343.00
1.750	343.00	343.00	343.00	343.00	343.00
2.000	343.00	343.00	343.00	343.00	343.00
2.250	343.00	343.00	343.00	343.00	343.00
2.500	343.00	343.00	343.00	343.00	343.00
2.750	343.00	343.00	343.00	343.00	343.00
3.000	343.00	343.00	343.00	343.00	343.00
3.250	343.00	343.00	343.00	343.00	343.00
3.500	343.00	343.00	343.00	343.00	343.00
3.750	343.00	343.00	343.00	343.00	343.00
4.000	343.00	343.00	343.00	343.00	343.00
4.250	343.00	343.00	343.00	343.00	343.00
4.500	343.00	343.00	343.00	343.00	343.00
4.750	343.00	343.00	343.00	343.00	343.00
5.000	343.00	343.00	343.00	343.00	343.00
5.250	343.00	343.00	343.00	343.00	343.00
5.500	343.00	343.00	343.00	343.00	343.00
5.750	343.00	343.00	343.00	343.00	343.00
6.000	343.00	343.00	343.00	343.00	343.00
6.250	343.00	343.00	343.00	343.00	343.00
6.500	343.00	343.00	343.00	343.00	343.00
6.750	343.00	343.00	343.00	343.00	343.00
7.000	343.00	343.00	343.00	343.00	343.00
7.250	343.00	343.00	343.00	343.00	343.00
7.500	343.00	343.00	343.00	343.00	343.00
7.750	343.00	343.00	343.00	343.00	343.00
8.000	343.00	343.00	343.00	343.00	343.00
8.250	343.00	343.00	343.00	343.01	343.01
8.500	343.01	343.01	343.01	343.01	343.01
8.750	343.01	343.01	343.01	343.01	343.01
9.000	343.01	343.01	343.01	343.02	343.02
9.250	343.02	343.02	343.02	343.02	343.02
9.500	343.02	343.02	343.02	343.03	343.03
9.750	343.03	343.03	343.03	343.03	343.03

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: BASIN 1B (IN)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
10.000	343.03	343.03	343.04	343.04	343.04
10.250	343.04	343.04	343.04	343.05	343.05
10.500	343.05	343.05	343.05	343.06	343.06
10.750	343.06	343.06	343.06	343.07	343.07
11.000	343.07	343.08	343.08	343.08	343.09
11.250	343.09	343.09	343.10	343.11	343.11
11.500	343.12	343.13	343.15	343.17	343.20
11.750	343.24	343.29	343.36	343.43	343.53
12.000	343.68	343.86	344.05	344.22	344.34
12.250	344.43	344.51	344.57	344.61	344.65
12.500	344.68	344.69	344.70	344.71	344.71
12.750	344.71	344.71	344.71	344.71	344.70
13.000	344.70	344.70	344.69	344.68	344.68
13.250	344.67	344.66	344.65	344.65	344.64
13.500	344.63	344.62	344.61	344.60	344.59
13.750	344.58	344.58	344.57	344.56	344.55
14.000	344.53	344.52	344.51	344.50	344.49
14.250	344.48	344.47	344.46	344.45	344.44
14.500	344.43	344.42	344.40	344.39	344.38
14.750	344.37	344.36	344.35	344.34	344.33
15.000	344.32	344.31	344.29	344.28	344.27
15.250	344.26	344.25	344.24	344.23	344.22
15.500	344.21	344.20	344.19	344.18	344.17
15.750	344.16	344.15	344.14	344.13	344.12
16.000	344.11	344.10	344.09	344.08	344.07
16.250	344.06	344.05	344.05	344.04	344.03
16.500	344.02	344.01	344.00	343.99	343.99
16.750	343.98	343.97	343.96	343.95	343.95
17.000	343.94	343.93	343.92	343.92	343.91
17.250	343.90	343.89	343.89	343.88	343.87
17.500	343.86	343.86	343.85	343.84	343.83
17.750	343.83	343.82	343.81	343.81	343.80
18.000	343.79	343.78	343.78	343.77	343.76
18.250	343.76	343.75	343.74	343.73	343.73
18.500	343.72	343.71	343.71	343.70	343.69
18.750	343.69	343.68	343.67	343.67	343.66
19.000	343.65	343.65	343.64	343.63	343.63
19.250	343.62	343.61	343.61	343.60	343.59
19.500	343.59	343.58	343.57	343.56	343.56
19.750	343.55	343.54	343.54	343.53	343.52
20.000	343.51	343.51	343.50	343.49	343.49

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: BASIN 1B (IN)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
20.250	343.48	343.47	343.46	343.46	343.45
20.500	343.44	343.43	343.43	343.42	343.41
20.750	343.40	343.40	343.39	343.38	343.37
21.000	343.37	343.36	343.35	343.34	343.34
21.250	343.33	343.32	343.31	343.31	343.30
21.500	343.29	343.28	343.27	343.27	343.26
21.750	343.25	343.24	343.23	343.23	343.22
22.000	343.21	343.20	343.19	343.19	343.18
22.250	343.17	343.16	343.15	343.14	343.14
22.500	343.13	343.12	343.11	343.10	343.09
22.750	343.09	343.08	343.07	343.07	343.06
23.000	343.06	343.06	343.05	343.05	343.05
23.250	343.05	343.04	343.04	343.04	343.04
23.500	343.04	343.04	343.03	343.03	343.03
23.750	343.03	343.03	343.03	343.03	343.03
24.000	343.03	343.03	343.03	343.02	343.02
24.250	343.02	343.02	343.01	343.01	343.01
24.500	343.01	343.01	343.01	343.01	343.01
24.750	343.01	343.00	343.00	343.00	343.00
25.000	343.00	343.00	343.00	343.00	343.00
25.250	343.00	343.00	343.00	343.00	343.00
25.500	343.00	343.00	343.00	343.00	343.00
25.750	343.00	343.00	343.00	343.00	343.00
26.000	343.00	343.00	343.00	343.00	343.00
26.250	343.00	343.00	343.00	343.00	343.00
26.500	343.00	343.00	343.00	343.00	343.00
26.750	343.00	343.00	343.00	343.00	343.00
27.000	343.00	343.00	343.00	343.00	343.00
27.250	343.00	343.00	343.00	343.00	343.00
27.500	343.00	343.00	343.00	343.00	343.00
27.750	343.00	343.00	343.00	343.00	343.00
28.000	343.00	343.00	343.00	343.00	343.00
28.250	343.00	343.00	343.00	343.00	343.00
28.500	343.00	343.00	343.00	343.00	343.00
28.750	343.00	343.00	343.00	343.00	343.00
29.000	343.00	343.00	343.00	343.00	343.00
29.250	343.00	343.00	343.00	343.00	343.00
29.500	343.00	343.00	343.00	343.00	343.00
29.750	343.00	343.00	343.00	343.00	343.00
30.000	343.00	343.00	343.00	343.00	343.00
30.250	343.00	343.00	343.00	343.00	343.00

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: BASIN 1B (IN)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
30.500	343.00	343.00	343.00	343.00	343.00
30.750	343.00	343.00	343.00	343.00	343.00
31.000	343.00	343.00	343.00	343.00	343.00
31.250	343.00	343.00	343.00	343.00	343.00
31.500	343.00	343.00	343.00	343.00	343.00
31.750	343.00	343.00	343.00	343.00	343.00
32.000	343.00	343.00	343.00	343.00	343.00
32.250	343.00	343.00	343.00	343.00	343.00
32.500	343.00	343.00	343.00	343.00	343.00
32.750	343.00	343.00	343.00	343.00	343.00
33.000	343.00	343.00	343.00	343.00	343.00
33.250	343.00	343.00	343.00	343.00	343.00
33.500	343.00	343.00	343.00	343.00	343.00
33.750	343.00	343.00	343.00	343.00	343.00
34.000	343.00	343.00	343.00	343.00	343.00
34.250	343.00	343.00	343.00	343.00	343.00
34.500	343.00	343.00	343.00	343.00	343.00
34.750	343.00	343.00	343.00	343.00	343.00
35.000	343.00	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Elevation
Return Event: 100 years
Label: BASIN 1B (IN)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	343.00	343.00	343.00	343.00	343.00
0.250	343.00	343.00	343.00	343.00	343.00
0.500	343.00	343.00	343.00	343.00	343.00
0.750	343.00	343.00	343.00	343.00	343.00
1.000	343.00	343.00	343.00	343.00	343.00
1.250	343.00	343.00	343.00	343.00	343.00
1.500	343.00	343.00	343.00	343.00	343.00
1.750	343.00	343.00	343.00	343.00	343.00
2.000	343.00	343.00	343.00	343.00	343.00
2.250	343.00	343.00	343.00	343.00	343.00

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 100 years
Label: BASIN 1B (IN)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2.500	343.00	343.00	343.00	343.00	343.00
2.750	343.00	343.00	343.00	343.00	343.00
3.000	343.00	343.00	343.00	343.00	343.00
3.250	343.00	343.00	343.00	343.00	343.00
3.500	343.00	343.00	343.00	343.00	343.00
3.750	343.00	343.00	343.00	343.00	343.00
4.000	343.00	343.00	343.00	343.00	343.00
4.250	343.00	343.00	343.00	343.00	343.00
4.500	343.00	343.00	343.00	343.00	343.00
4.750	343.00	343.00	343.00	343.00	343.00
5.000	343.00	343.00	343.00	343.00	343.00
5.250	343.00	343.00	343.00	343.00	343.00
5.500	343.00	343.00	343.00	343.00	343.00
5.750	343.00	343.01	343.01	343.01	343.01
6.000	343.01	343.01	343.01	343.01	343.01
6.250	343.01	343.01	343.01	343.01	343.01
6.500	343.01	343.01	343.01	343.01	343.01
6.750	343.02	343.02	343.02	343.02	343.02
7.000	343.02	343.02	343.02	343.02	343.02
7.250	343.02	343.02	343.03	343.03	343.03
7.500	343.03	343.03	343.03	343.03	343.03
7.750	343.03	343.03	343.04	343.04	343.04
8.000	343.04	343.04	343.04	343.04	343.04
8.250	343.05	343.05	343.05	343.05	343.05
8.500	343.05	343.06	343.06	343.06	343.06
8.750	343.06	343.07	343.07	343.07	343.07
9.000	343.07	343.08	343.08	343.08	343.08
9.250	343.09	343.09	343.09	343.09	343.10
9.500	343.10	343.10	343.11	343.11	343.11
9.750	343.12	343.12	343.13	343.13	343.14
10.000	343.14	343.15	343.16	343.16	343.17
10.250	343.18	343.19	343.20	343.21	343.22
10.500	343.24	343.25	343.26	343.28	343.29
10.750	343.31	343.33	343.34	343.36	343.38
11.000	343.40	343.42	343.44	343.46	343.49
11.250	343.52	343.55	343.58	343.62	343.65
11.500	343.69	343.74	343.79	343.86	343.95
11.750	344.06	344.18	344.33	344.49	344.70
12.000	345.00	345.34	345.70	346.01	346.25
12.250	346.41	346.55	346.66	346.76	346.83
12.500	346.88	346.92	346.94	346.96	346.98

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation | Return Event: 100 years
Label: BASIN 1B (IN) | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
12.750	346.99	347.00	347.00	347.01	347.01
13.000	347.02	347.02	347.01	347.01	347.01
13.250	347.01	347.00	347.00	346.99	346.99
13.500	346.98	346.98	346.97	346.96	346.95
13.750	346.94	346.94	346.93	346.92	346.91
14.000	346.90	346.88	346.87	346.86	346.85
14.250	346.84	346.82	346.81	346.80	346.79
14.500	346.77	346.76	346.74	346.73	346.72
14.750	346.70	346.69	346.67	346.66	346.64
15.000	346.63	346.61	346.60	346.58	346.56
15.250	346.55	346.53	346.51	346.50	346.48
15.500	346.46	346.44	346.43	346.41	346.39
15.750	346.37	346.35	346.33	346.31	346.29
16.000	346.28	346.26	346.24	346.22	346.20
16.250	346.18	346.16	346.14	346.11	346.09
16.500	346.07	346.05	346.03	346.01	345.99
16.750	345.97	345.95	345.93	345.91	345.89
17.000	345.87	345.85	345.83	345.81	345.79
17.250	345.76	345.74	345.72	345.70	345.68
17.500	345.66	345.64	345.62	345.60	345.57
17.750	345.55	345.53	345.51	345.49	345.47
18.000	345.45	345.42	345.40	345.38	345.36
18.250	345.34	345.32	345.30	345.28	345.25
18.500	345.23	345.21	345.19	345.17	345.15
18.750	345.13	345.11	345.09	345.07	345.05
19.000	345.03	345.01	344.99	344.97	344.95
19.250	344.93	344.91	344.89	344.87	344.85
19.500	344.83	344.81	344.79	344.78	344.76
19.750	344.74	344.72	344.70	344.68	344.66
20.000	344.65	344.63	344.61	344.59	344.58
20.250	344.56	344.54	344.52	344.51	344.49
20.500	344.47	344.46	344.44	344.42	344.41
20.750	344.39	344.38	344.36	344.35	344.33
21.000	344.31	344.30	344.29	344.27	344.26
21.250	344.24	344.23	344.22	344.20	344.19
21.500	344.18	344.17	344.15	344.14	344.13
21.750	344.12	344.11	344.10	344.09	344.08
22.000	344.07	344.06	344.05	344.04	344.03
22.250	344.02	344.01	344.00	343.99	343.98
22.500	343.97	343.97	343.96	343.95	343.94
22.750	343.93	343.92	343.92	343.91	343.90

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 100 years
Label: BASIN 1B (IN)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
23.000	343.89	343.89	343.88	343.87	343.86
23.250	343.86	343.85	343.84	343.83	343.83
23.500	343.82	343.81	343.81	343.80	343.79
23.750	343.79	343.78	343.77	343.77	343.76
24.000	343.75	343.75	343.74	343.73	343.71
24.250	343.70	343.69	343.68	343.67	343.66
24.500	343.65	343.63	343.62	343.61	343.60
24.750	343.59	343.58	343.57	343.56	343.54
25.000	343.53	343.52	343.51	343.50	343.49
25.250	343.48	343.47	343.45	343.44	343.43
25.500	343.42	343.41	343.40	343.39	343.37
25.750	343.36	343.35	343.34	343.33	343.32
26.000	343.31	343.29	343.28	343.27	343.26
26.250	343.25	343.24	343.22	343.21	343.20
26.500	343.19	343.18	343.17	343.15	343.14
26.750	343.13	343.12	343.11	343.10	343.08
27.000	343.08	343.07	343.06	343.05	343.05
27.250	343.04	343.04	343.03	343.03	343.03
27.500	343.02	343.02	343.02	343.02	343.01
27.750	343.01	343.01	343.01	343.01	343.01
28.000	343.01	343.01	343.01	343.00	343.00
28.250	343.00	343.00	343.00	343.00	343.00
28.500	343.00	343.00	343.00	343.00	343.00
28.750	343.00	343.00	343.00	343.00	343.00
29.000	343.00	343.00	343.00	343.00	343.00
29.250	343.00	343.00	343.00	343.00	343.00
29.500	343.00	343.00	343.00	343.00	343.00
29.750	343.00	343.00	343.00	343.00	343.00
30.000	343.00	343.00	343.00	343.00	343.00
30.250	343.00	343.00	343.00	343.00	343.00
30.500	343.00	343.00	343.00	343.00	343.00
30.750	343.00	343.00	343.00	343.00	343.00
31.000	343.00	343.00	343.00	343.00	343.00
31.250	343.00	343.00	343.00	343.00	343.00
31.500	343.00	343.00	343.00	343.00	343.00
31.750	343.00	343.00	343.00	343.00	343.00
32.000	343.00	343.00	343.00	343.00	343.00
32.250	343.00	343.00	343.00	343.00	343.00
32.500	343.00	343.00	343.00	343.00	343.00
32.750	343.00	343.00	343.00	343.00	343.00
33.000	343.00	343.00	343.00	343.00	343.00

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 100 years
Label: BASIN 1B (IN)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
33.250	343.00	343.00	343.00	343.00	343.00
33.500	343.00	343.00	343.00	343.00	343.00
33.750	343.00	343.00	343.00	343.00	343.00
34.000	343.00	343.00	343.00	343.00	343.00
34.250	343.00	343.00	343.00	343.00	343.00
34.500	343.00	343.00	343.00	343.00	343.00
34.750	343.00	343.00	343.00	343.00	343.00
35.000	343.00	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Elevation
Return Event: 1 years
Label: Pond 1D (OUT)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	314.00	314.00	314.00	314.00	314.00
0.250	314.00	314.00	314.00	314.00	314.00
0.500	314.00	314.00	314.00	314.00	314.00
0.750	314.00	314.00	314.00	314.00	314.00
1.000	314.00	314.00	314.00	314.00	314.00
1.250	314.00	314.00	314.00	314.00	314.00
1.500	314.00	314.00	314.00	314.00	314.00
1.750	314.00	314.00	314.00	314.00	314.00
2.000	314.00	314.00	314.00	314.00	314.00
2.250	314.00	314.00	314.00	314.00	314.00
2.500	314.00	314.00	314.00	314.00	314.00
2.750	314.00	314.00	314.00	314.00	314.00
3.000	314.00	314.00	314.00	314.00	314.00
3.250	314.00	314.00	314.00	314.00	314.00
3.500	314.00	314.00	314.00	314.00	314.00
3.750	314.00	314.00	314.00	314.00	314.00
4.000	314.00	314.00	314.00	314.00	314.00
4.250	314.00	314.00	314.00	314.00	314.00
4.500	314.00	314.00	314.00	314.00	314.00
4.750	314.00	314.00	314.00	314.00	314.00
5.000	314.00	314.00	314.00	314.00	314.00

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 1 years
Label: Pond 1D (OUT)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
5.250	314.00	314.00	314.00	314.00	314.00
5.500	314.00	314.00	314.00	314.00	314.00
5.750	314.00	314.00	314.00	314.00	314.00
6.000	314.00	314.00	314.00	314.00	314.00
6.250	314.00	314.00	314.00	314.00	314.00
6.500	314.00	314.00	314.00	314.00	314.00
6.750	314.00	314.00	314.00	314.00	314.00
7.000	314.00	314.00	314.00	314.00	314.00
7.250	314.00	314.00	314.00	314.00	314.00
7.500	314.00	314.00	314.00	314.00	314.00
7.750	314.00	314.00	314.00	314.00	314.00
8.000	314.00	314.00	314.00	314.00	314.00
8.250	314.00	314.00	314.00	314.00	314.00
8.500	314.00	314.00	314.00	314.00	314.00
8.750	314.00	314.00	314.00	314.00	314.00
9.000	314.00	314.00	314.00	314.00	314.00
9.250	314.00	314.00	314.00	314.00	314.00
9.500	314.00	314.00	314.00	314.00	314.00
9.750	314.00	314.00	314.00	314.00	314.00
10.000	314.00	314.00	314.00	314.00	314.00
10.250	314.00	314.01	314.01	314.01	314.01
10.500	314.01	314.02	314.02	314.02	314.02
10.750	314.03	314.03	314.04	314.04	314.05
11.000	314.05	314.06	314.06	314.07	314.08
11.250	314.08	314.09	314.10	314.11	314.12
11.500	314.14	314.15	314.17	314.19	314.21
11.750	314.25	314.29	314.34	314.39	314.46
12.000	314.56	314.68	314.80	314.91	314.99
12.250	315.05	315.11	315.15	315.19	315.22
12.500	315.25	315.27	315.29	315.30	315.31
12.750	315.33	315.34	315.35	315.36	315.38
13.000	315.39	315.40	315.41	315.41	315.42
13.250	315.43	315.44	315.45	315.46	315.46
13.500	315.47	315.48	315.49	315.49	315.50
13.750	315.51	315.52	315.52	315.53	315.53
14.000	315.54	315.55	315.55	315.56	315.56
14.250	315.57	315.58	315.58	315.59	315.59
14.500	315.60	315.60	315.61	315.61	315.62
14.750	315.62	315.63	315.63	315.64	315.64
15.000	315.65	315.65	315.65	315.66	315.66
15.250	315.67	315.67	315.68	315.68	315.68

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 1 years
Label: Pond 1D (OUT)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
15.500	315.69	315.69	315.70	315.70	315.70
15.750	315.71	315.71	315.71	315.72	315.72
16.000	315.72	315.72	315.73	315.73	315.73
16.250	315.74	315.74	315.74	315.74	315.75
16.500	315.75	315.75	315.76	315.76	315.76
16.750	315.76	315.77	315.77	315.77	315.77
17.000	315.78	315.78	315.78	315.78	315.79
17.250	315.79	315.79	315.79	315.79	315.80
17.500	315.80	315.80	315.80	315.80	315.81
17.750	315.81	315.81	315.81	315.81	315.82
18.000	315.82	315.82	315.82	315.82	315.82
18.250	315.83	315.83	315.83	315.83	315.83
18.500	315.84	315.84	315.84	315.84	315.84
18.750	315.84	315.85	315.85	315.85	315.85
19.000	315.85	315.85	315.85	315.86	315.86
19.250	315.86	315.86	315.86	315.86	315.87
19.500	315.87	315.87	315.87	315.87	315.87
19.750	315.87	315.88	315.88	315.88	315.88
20.000	315.88	315.88	315.89	315.89	315.89
20.250	315.89	315.89	315.89	315.89	315.90
20.500	315.90	315.90	315.90	315.90	315.90
20.750	315.90	315.90	315.91	315.91	315.91
21.000	315.91	315.91	315.91	315.91	315.91
21.250	315.92	315.92	315.92	315.92	315.92
21.500	315.92	315.92	315.92	315.93	315.93
21.750	315.93	315.93	315.93	315.93	315.93
22.000	315.93	315.94	315.94	315.94	315.94
22.250	315.94	315.94	315.94	315.94	315.94
22.500	315.95	315.95	315.95	315.95	315.95
22.750	315.95	315.95	315.95	315.95	315.95
23.000	315.96	315.96	315.96	315.96	315.96
23.250	315.96	315.96	315.96	315.96	315.96
23.500	315.97	315.97	315.97	315.97	315.97
23.750	315.97	315.97	315.97	315.97	315.97
24.000	315.98	315.98	315.98	315.98	315.98
24.250	315.98	315.98	315.98	315.98	315.98
24.500	315.98	315.98	315.98	315.98	315.98
24.750	315.98	315.98	315.98	315.98	315.98
25.000	315.98	315.98	315.98	315.98	315.98
25.250	315.98	315.98	315.98	315.98	315.98
25.500	315.98	315.98	315.98	315.98	315.98

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation | Return Event: 1 years
Label: Pond 1D (OUT) | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
25.750	315.98	315.98	315.98	315.98	315.98
26.000	315.98	315.98	315.98	315.98	315.98
26.250	315.98	315.98	315.98	315.98	315.98
26.500	315.98	315.98	315.98	315.98	315.98
26.750	315.98	315.98	315.98	315.98	315.98
27.000	315.98	315.98	315.98	315.98	315.98
27.250	315.98	315.98	315.98	315.98	315.98
27.500	315.98	315.98	315.98	315.98	315.98
27.750	315.98	315.98	315.98	315.98	315.98
28.000	315.98	315.98	315.98	315.98	315.98
28.250	315.98	315.98	315.98	315.98	315.98
28.500	315.98	315.98	315.98	315.98	315.98
28.750	315.98	315.98	315.98	315.98	315.98
29.000	315.98	315.98	315.98	315.98	315.98
29.250	315.98	315.98	315.98	315.98	315.98
29.500	315.98	315.98	315.98	315.98	315.98
29.750	315.98	315.98	315.98	315.98	315.98
30.000	315.98	315.98	315.98	315.98	315.98
30.250	315.98	315.98	315.98	315.98	315.98
30.500	315.98	315.98	315.98	315.98	315.98
30.750	315.98	315.98	315.98	315.98	315.98
31.000	315.98	315.98	315.98	315.98	315.98
31.250	315.98	315.98	315.98	315.98	315.98
31.500	315.98	315.98	315.98	315.98	315.98
31.750	315.98	315.98	315.98	315.98	315.98
32.000	315.98	315.98	315.98	315.98	315.98
32.250	315.98	315.98	315.98	315.98	315.98
32.500	315.98	315.98	315.98	315.98	315.98
32.750	315.98	315.98	315.98	315.98	315.98
33.000	315.98	315.98	315.98	315.98	315.98
33.250	315.98	315.98	315.98	315.98	315.98
33.500	315.98	315.98	315.98	315.98	315.98
33.750	315.98	315.98	315.98	315.98	315.98
34.000	315.98	315.98	315.98	315.98	315.98
34.250	315.98	315.98	315.98	315.98	315.98
34.500	315.98	315.98	315.98	315.98	315.98
34.750	315.98	315.98	315.98	315.98	315.98
35.000	315.98	(N/A)	(N/A)	(N/A)	(N/A)

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: Pond 1D (OUT)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	314.00	314.00	314.00	314.00	314.00
0.250	314.00	314.00	314.00	314.00	314.00
0.500	314.00	314.00	314.00	314.00	314.00
0.750	314.00	314.00	314.00	314.00	314.00
1.000	314.00	314.00	314.00	314.00	314.00
1.250	314.00	314.00	314.00	314.00	314.00
1.500	314.00	314.00	314.00	314.00	314.00
1.750	314.00	314.00	314.00	314.00	314.00
2.000	314.00	314.00	314.00	314.00	314.00
2.250	314.00	314.00	314.00	314.00	314.00
2.500	314.00	314.00	314.00	314.00	314.00
2.750	314.00	314.00	314.00	314.00	314.00
3.000	314.00	314.00	314.00	314.00	314.00
3.250	314.00	314.00	314.00	314.00	314.00
3.500	314.00	314.00	314.00	314.00	314.00
3.750	314.00	314.00	314.00	314.00	314.00
4.000	314.00	314.00	314.00	314.00	314.00
4.250	314.00	314.00	314.00	314.00	314.00
4.500	314.00	314.00	314.00	314.00	314.00
4.750	314.00	314.00	314.00	314.00	314.00
5.000	314.00	314.00	314.00	314.00	314.00
5.250	314.00	314.00	314.00	314.00	314.00
5.500	314.00	314.00	314.00	314.00	314.00
5.750	314.00	314.00	314.00	314.00	314.00
6.000	314.00	314.00	314.00	314.00	314.00
6.250	314.00	314.00	314.00	314.00	314.00
6.500	314.00	314.00	314.00	314.00	314.00
6.750	314.00	314.00	314.00	314.00	314.00
7.000	314.00	314.00	314.00	314.00	314.00
7.250	314.00	314.00	314.00	314.00	314.00
7.500	314.00	314.00	314.00	314.00	314.00
7.750	314.00	314.00	314.01	314.01	314.01
8.000	314.01	314.01	314.01	314.02	314.02
8.250	314.02	314.02	314.03	314.03	314.03
8.500	314.03	314.04	314.04	314.05	314.05
8.750	314.06	314.06	314.07	314.07	314.08
9.000	314.08	314.09	314.10	314.10	314.11
9.250	314.12	314.13	314.13	314.14	314.15
9.500	314.16	314.17	314.18	314.19	314.20
9.750	314.21	314.22	314.23	314.24	314.25

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: Pond 1D (OUT)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
10.000	314.27	314.28	314.29	314.30	314.32
10.250	314.33	314.34	314.36	314.37	314.39
10.500	314.40	314.42	314.43	314.45	314.47
10.750	314.49	314.50	314.52	314.54	314.56
11.000	314.58	314.60	314.62	314.64	314.66
11.250	314.69	314.71	314.74	314.76	314.79
11.500	314.82	314.85	314.89	314.94	315.00
11.750	315.06	315.14	315.22	315.32	315.44
12.000	315.59	315.76	315.93	316.08	316.19
12.250	316.27	316.33	316.38	316.41	316.44
12.500	316.46	316.47	316.48	316.48	316.48
12.750	316.48	316.47	316.47	316.47	316.47
13.000	316.46	316.46	316.45	316.45	316.44
13.250	316.44	316.43	316.43	316.43	316.42
13.500	316.42	316.41	316.41	316.41	316.40
13.750	316.40	316.40	316.39	316.39	316.39
14.000	316.38	316.38	316.37	316.37	316.37
14.250	316.36	316.36	316.36	316.35	316.35
14.500	316.35	316.35	316.34	316.34	316.34
14.750	316.34	316.33	316.33	316.33	316.33
15.000	316.32	316.32	316.32	316.32	316.31
15.250	316.31	316.31	316.31	316.31	316.30
15.500	316.30	316.30	316.30	316.30	316.29
15.750	316.29	316.29	316.29	316.28	316.28
16.000	316.28	316.28	316.28	316.27	316.27
16.250	316.27	316.27	316.27	316.26	316.26
16.500	316.26	316.26	316.26	316.25	316.25
16.750	316.25	316.25	316.25	316.25	316.24
17.000	316.24	316.24	316.24	316.24	316.24
17.250	316.24	316.23	316.23	316.23	316.23
17.500	316.23	316.23	316.23	316.22	316.22
17.750	316.22	316.22	316.22	316.22	316.22
18.000	316.22	316.21	316.21	316.21	316.21
18.250	316.21	316.21	316.21	316.21	316.20
18.500	316.20	316.20	316.20	316.20	316.20
18.750	316.20	316.20	316.20	316.20	316.20
19.000	316.20	316.19	316.19	316.19	316.19
19.250	316.19	316.19	316.19	316.19	316.19
19.500	316.19	316.19	316.19	316.19	316.19
19.750	316.18	316.18	316.18	316.18	316.18
20.000	316.18	316.18	316.18	316.18	316.18

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: Pond 1D (OUT)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
20.250	316.18	316.18	316.18	316.18	316.18
20.500	316.17	316.17	316.17	316.17	316.17
20.750	316.17	316.17	316.17	316.17	316.17
21.000	316.17	316.17	316.17	316.17	316.17
21.250	316.17	316.17	316.17	316.16	316.16
21.500	316.16	316.16	316.16	316.16	316.16
21.750	316.16	316.16	316.16	316.16	316.16
22.000	316.16	316.16	316.16	316.16	316.16
22.250	316.16	316.16	316.16	316.16	316.15
22.500	316.15	316.15	316.15	316.15	316.15
22.750	316.15	316.15	316.15	316.15	316.15
23.000	316.15	316.15	316.15	316.15	316.15
23.250	316.15	316.15	316.15	316.15	316.15
23.500	316.15	316.15	316.14	316.14	316.14
23.750	316.14	316.14	316.14	316.14	316.14
24.000	316.14	316.14	316.14	316.14	316.14
24.250	316.13	316.13	316.13	316.13	316.13
24.500	316.12	316.12	316.12	316.12	316.12
24.750	316.12	316.11	316.11	316.11	316.11
25.000	316.11	316.11	316.11	316.10	316.10
25.250	316.10	316.10	316.10	316.10	316.10
25.500	316.10	316.10	316.09	316.09	316.09
25.750	316.09	316.09	316.09	316.09	316.09
26.000	316.09	316.09	316.09	316.08	316.08
26.250	316.08	316.08	316.08	316.08	316.08
26.500	316.08	316.08	316.08	316.08	316.07
26.750	316.07	316.07	316.07	316.07	316.07
27.000	316.07	316.07	316.07	316.07	316.07
27.250	316.07	316.07	316.07	316.06	316.06
27.500	316.06	316.06	316.06	316.06	316.06
27.750	316.06	316.06	316.06	316.06	316.06
28.000	316.06	316.06	316.06	316.05	316.05
28.250	316.05	316.05	316.05	316.05	316.05
28.500	316.05	316.05	316.05	316.05	316.05
28.750	316.05	316.05	316.05	316.05	316.05
29.000	316.05	316.05	316.04	316.04	316.04
29.250	316.04	316.04	316.04	316.04	316.04
29.500	316.04	316.04	316.04	316.04	316.04
29.750	316.04	316.04	316.04	316.04	316.04
30.000	316.04	316.04	316.04	316.04	316.04
30.250	316.03	316.03	316.03	316.03	316.03

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 10 years
Label: Pond 1D (OUT)
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
30.500	316.03	316.03	316.03	316.03	316.03
30.750	316.03	316.03	316.03	316.03	316.03
31.000	316.03	316.03	316.03	316.03	316.03
31.250	316.03	316.03	316.03	316.03	316.03
31.500	316.03	316.03	316.03	316.03	316.03
31.750	316.03	316.02	316.02	316.02	316.02
32.000	316.02	316.02	316.02	316.02	316.02
32.250	316.02	316.02	316.02	316.02	316.02
32.500	316.02	316.02	316.02	316.02	316.02
32.750	316.02	316.02	316.02	316.02	316.02
33.000	316.02	316.02	316.02	316.02	316.02
33.250	316.02	316.02	316.02	316.02	316.02
33.500	316.02	316.02	316.02	316.02	316.02
33.750	316.02	316.02	316.02	316.02	316.02
34.000	316.02	316.02	316.02	316.02	316.01
34.250	316.01	316.01	316.01	316.01	316.01
34.500	316.01	316.01	316.01	316.01	316.01
34.750	316.01	316.01	316.01	316.01	316.01
35.000	316.01	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Elevation
Return Event: 100 years
Label: Pond 1D (OUT)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
0.000	314.00	314.00	314.00	314.00	314.00
0.250	314.00	314.00	314.00	314.00	314.00
0.500	314.00	314.00	314.00	314.00	314.00
0.750	314.00	314.00	314.00	314.00	314.00
1.000	314.00	314.00	314.00	314.00	314.00
1.250	314.00	314.00	314.00	314.00	314.00
1.500	314.00	314.00	314.00	314.00	314.00
1.750	314.00	314.00	314.00	314.00	314.00
2.000	314.00	314.00	314.00	314.00	314.00
2.250	314.00	314.00	314.00	314.00	314.00

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 100 years
Label: Pond 1D (OUT)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
2.500	314.00	314.00	314.00	314.00	314.00
2.750	314.00	314.00	314.00	314.00	314.00
3.000	314.00	314.00	314.00	314.00	314.00
3.250	314.00	314.00	314.00	314.00	314.00
3.500	314.00	314.00	314.00	314.00	314.00
3.750	314.00	314.00	314.00	314.00	314.00
4.000	314.00	314.00	314.00	314.00	314.00
4.250	314.00	314.00	314.00	314.00	314.00
4.500	314.00	314.00	314.00	314.00	314.00
4.750	314.00	314.00	314.00	314.00	314.00
5.000	314.00	314.00	314.00	314.00	314.00
5.250	314.00	314.01	314.01	314.01	314.01
5.500	314.01	314.01	314.02	314.02	314.02
5.750	314.02	314.03	314.03	314.03	314.04
6.000	314.04	314.04	314.05	314.05	314.06
6.250	314.06	314.06	314.07	314.07	314.08
6.500	314.09	314.09	314.10	314.10	314.11
6.750	314.12	314.12	314.13	314.14	314.14
7.000	314.15	314.16	314.17	314.18	314.19
7.250	314.20	314.20	314.21	314.22	314.23
7.500	314.24	314.25	314.26	314.27	314.28
7.750	314.30	314.31	314.32	314.33	314.34
8.000	314.35	314.37	314.38	314.39	314.40
8.250	314.42	314.43	314.44	314.46	314.47
8.500	314.49	314.50	314.52	314.53	314.55
8.750	314.57	314.58	314.60	314.62	314.64
9.000	314.65	314.67	314.69	314.71	314.73
9.250	314.75	314.77	314.79	314.81	314.83
9.500	314.85	314.87	314.89	314.91	314.93
9.750	314.95	314.97	315.00	315.02	315.04
10.000	315.06	315.08	315.11	315.13	315.15
10.250	315.18	315.20	315.22	315.25	315.27
10.500	315.30	315.33	315.35	315.38	315.41
10.750	315.43	315.46	315.49	315.52	315.54
11.000	315.57	315.60	315.63	315.66	315.69
11.250	315.73	315.76	315.80	315.84	315.88
11.500	315.92	315.96	316.01	316.07	316.15
11.750	316.23	316.32	316.43	316.53	316.66
12.000	316.83	317.01	317.18	317.31	317.37
12.250	317.40	317.40	317.39	317.37	317.35
12.500	317.31	317.26	317.22	317.17	317.12

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 100 years
Label: Pond 1D (OUT)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
12.750	317.08	317.04	317.00	316.97	316.94
13.000	316.91	316.88	316.85	316.82	316.80
13.250	316.78	316.76	316.74	316.72	316.70
13.500	316.69	316.67	316.66	316.65	316.64
13.750	316.62	316.61	316.60	316.59	316.58
14.000	316.58	316.57	316.56	316.55	316.54
14.250	316.54	316.53	316.52	316.52	316.51
14.500	316.51	316.50	316.50	316.49	316.49
14.750	316.48	316.48	316.47	316.47	316.46
15.000	316.46	316.46	316.45	316.45	316.44
15.250	316.44	316.44	316.43	316.43	316.43
15.500	316.42	316.42	316.42	316.41	316.41
15.750	316.41	316.40	316.40	316.40	316.39
16.000	316.39	316.39	316.38	316.38	316.38
16.250	316.37	316.37	316.37	316.36	316.36
16.500	316.36	316.36	316.35	316.35	316.35
16.750	316.35	316.34	316.34	316.34	316.34
17.000	316.34	316.33	316.33	316.33	316.33
17.250	316.33	316.32	316.32	316.32	316.32
17.500	316.32	316.31	316.31	316.31	316.31
17.750	316.31	316.30	316.30	316.30	316.30
18.000	316.30	316.30	316.29	316.29	316.29
18.250	316.29	316.29	316.29	316.28	316.28
18.500	316.28	316.28	316.28	316.28	316.28
18.750	316.27	316.27	316.27	316.27	316.27
19.000	316.27	316.27	316.27	316.26	316.26
19.250	316.26	316.26	316.26	316.26	316.26
19.500	316.26	316.26	316.26	316.26	316.25
19.750	316.25	316.25	316.25	316.25	316.25
20.000	316.25	316.25	316.25	316.25	316.25
20.250	316.24	316.24	316.24	316.24	316.24
20.500	316.24	316.24	316.24	316.24	316.24
20.750	316.24	316.24	316.24	316.24	316.24
21.000	316.23	316.23	316.23	316.23	316.23
21.250	316.23	316.23	316.23	316.23	316.23
21.500	316.23	316.23	316.23	316.23	316.23
21.750	316.23	316.23	316.22	316.22	316.22
22.000	316.22	316.22	316.22	316.22	316.22
22.250	316.22	316.22	316.22	316.22	316.22
22.500	316.22	316.22	316.22	316.22	316.22
22.750	316.22	316.21	316.21	316.21	316.21

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation
Return Event: 100 years
Label: Pond 1D (OUT)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
23.000	316.21	316.21	316.21	316.21	316.21
23.250	316.21	316.21	316.21	316.21	316.21
23.500	316.21	316.21	316.21	316.21	316.21
23.750	316.20	316.20	316.20	316.20	316.20
24.000	316.20	316.20	316.20	316.19	316.19
24.250	316.19	316.18	316.18	316.18	316.17
24.500	316.17	316.17	316.16	316.16	316.16
24.750	316.16	316.15	316.15	316.15	316.14
25.000	316.14	316.14	316.14	316.14	316.13
25.250	316.13	316.13	316.13	316.13	316.12
25.500	316.12	316.12	316.12	316.12	316.12
25.750	316.11	316.11	316.11	316.11	316.11
26.000	316.11	316.11	316.10	316.10	316.10
26.250	316.10	316.10	316.10	316.10	316.10
26.500	316.10	316.10	316.09	316.09	316.09
26.750	316.09	316.09	316.09	316.09	316.09
27.000	316.09	316.09	316.08	316.08	316.08
27.250	316.08	316.08	316.08	316.08	316.08
27.500	316.08	316.08	316.08	316.08	316.07
27.750	316.07	316.07	316.07	316.07	316.07
28.000	316.07	316.07	316.07	316.07	316.07
28.250	316.07	316.07	316.06	316.06	316.06
28.500	316.06	316.06	316.06	316.06	316.06
28.750	316.06	316.06	316.06	316.06	316.06
29.000	316.06	316.06	316.05	316.05	316.05
29.250	316.05	316.05	316.05	316.05	316.05
29.500	316.05	316.05	316.05	316.05	316.05
29.750	316.05	316.05	316.05	316.05	316.05
30.000	316.05	316.04	316.04	316.04	316.04
30.250	316.04	316.04	316.04	316.04	316.04
30.500	316.04	316.04	316.04	316.04	316.04
30.750	316.04	316.04	316.04	316.04	316.04
31.000	316.04	316.04	316.04	316.04	316.04
31.250	316.03	316.03	316.03	316.03	316.03
31.500	316.03	316.03	316.03	316.03	316.03
31.750	316.03	316.03	316.03	316.03	316.03
32.000	316.03	316.03	316.03	316.03	316.03
32.250	316.03	316.03	316.03	316.03	316.03
32.500	316.03	316.03	316.03	316.03	316.03
32.750	316.03	316.02	316.02	316.02	316.02
33.000	316.02	316.02	316.02	316.02	316.02

Proposed Hydrologic Calculations

Subsection: Time vs. Elevation — Return Event: 100 years
Label: Pond 1D (OUT) — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Elevation (ft)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
33.250	316.02	316.02	316.02	316.02	316.02
33.500	316.02	316.02	316.02	316.02	316.02
33.750	316.02	316.02	316.02	316.02	316.02
34.000	316.02	316.02	316.02	316.02	316.02
34.250	316.02	316.02	316.02	316.02	316.02
34.500	316.02	316.02	316.02	316.02	316.02
34.750	316.02	316.02	316.02	316.02	316.02
35.000	316.02	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Volume — Return Event: 1 years
Label: BASIN 1A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
2.000	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 1 years
Label: BASIN 1A | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
5.250	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	0.000
6.500	0.000	0.000	0.000	0.000	0.000
6.750	0.000	0.000	0.000	0.000	0.000
7.000	0.000	0.000	0.000	0.000	0.000
7.250	0.000	0.000	0.000	0.000	0.000
7.500	0.000	0.000	0.000	0.000	0.000
7.750	0.000	0.000	0.000	0.000	0.000
8.000	0.000	0.000	0.000	0.000	0.000
8.250	0.000	0.000	0.000	0.000	0.000
8.500	0.000	0.000	0.000	0.000	0.000
8.750	0.000	0.000	0.000	0.000	0.000
9.000	0.000	0.000	0.000	0.000	0.000
9.250	0.000	0.000	0.000	0.000	0.000
9.500	0.000	0.000	0.000	0.000	0.000
9.750	0.000	0.000	0.000	0.000	0.000
10.000	0.000	0.000	0.000	0.000	0.000
10.250	0.000	0.000	0.000	0.000	0.000
10.500	0.000	0.000	1.000	3.000	5.000
10.750	8.000	11.000	15.000	20.000	25.000
11.000	30.000	36.000	42.000	50.000	58.000
11.250	68.000	78.000	90.000	103.000	117.000
11.500	133.000	153.000	181.000	222.000	282.000
11.750	362.000	466.000	596.000	756.000	1,014.000
12.000	1,488.000	2,163.000	2,964.000	3,754.000	4,372.000
12.250	4,831.000	5,218.000	5,542.000	5,809.000	6,016.000
12.500	6,159.000	6,246.000	6,291.000	6,309.000	6,316.000
12.750	6,316.000	6,308.000	6,294.000	6,272.000	6,244.000
13.000	6,209.000	6,167.000	6,121.000	6,070.000	6,018.000
13.250	5,964.000	5,908.000	5,851.000	5,792.000	5,731.000
13.500	5,669.000	5,604.000	5,538.000	5,471.000	5,401.000
13.750	5,330.000	5,257.000	5,182.000	5,104.000	5,025.000
14.000	4,943.000	4,860.000	4,776.000	4,690.000	4,604.000
14.250	4,517.000	4,429.000	4,340.000	4,250.000	4,159.000
14.500	4,066.000	3,973.000	3,879.000	3,785.000	3,690.000
14.750	3,593.000	3,497.000	3,399.000	3,299.000	3,198.000
15.000	3,096.000	2,994.000	2,891.000	2,787.000	2,683.000
15.250	2,577.000	2,470.000	2,361.000	2,252.000	2,141.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 1 years
Label: BASIN 1A | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
15.500	2,030.000	1,919.000	1,806.000	1,693.000	1,577.000
15.750	1,460.000	1,342.000	1,224.000	1,105.000	985.000
16.000	865.000	751.000	654.000	576.000	511.000
16.250	459.000	416.000	380.000	351.000	327.000
16.500	307.000	291.000	277.000	265.000	255.000
16.750	247.000	239.000	233.000	228.000	223.000
17.000	218.000	214.000	211.000	207.000	204.000
17.250	201.000	198.000	196.000	193.000	190.000
17.500	188.000	186.000	183.000	181.000	178.000
17.750	176.000	174.000	171.000	169.000	167.000
18.000	165.000	162.000	160.000	158.000	156.000
18.250	155.000	154.000	152.000	151.000	150.000
18.500	149.000	149.000	148.000	147.000	146.000
18.750	145.000	145.000	144.000	143.000	143.000
19.000	142.000	141.000	141.000	140.000	139.000
19.250	138.000	138.000	137.000	137.000	136.000
19.500	135.000	134.000	134.000	133.000	133.000
19.750	132.000	131.000	131.000	130.000	129.000
20.000	129.000	128.000	127.000	127.000	126.000
20.250	125.000	125.000	124.000	124.000	123.000
20.500	123.000	122.000	122.000	121.000	121.000
20.750	120.000	120.000	119.000	119.000	118.000
21.000	118.000	117.000	117.000	116.000	116.000
21.250	115.000	115.000	114.000	114.000	113.000
21.500	113.000	112.000	111.000	111.000	110.000
21.750	110.000	110.000	109.000	109.000	108.000
22.000	107.000	107.000	106.000	106.000	105.000
22.250	105.000	104.000	104.000	103.000	103.000
22.500	102.000	102.000	101.000	101.000	100.000
22.750	100.000	99.000	99.000	98.000	98.000
23.000	97.000	97.000	96.000	95.000	95.000
23.250	95.000	94.000	93.000	93.000	93.000
23.500	92.000	91.000	91.000	90.000	90.000
23.750	89.000	89.000	88.000	88.000	87.000
24.000	87.000	83.000	74.000	61.000	50.000
24.250	41.000	33.000	27.000	22.000	18.000
24.500	14.000	12.000	10.000	8.000	6.000
24.750	5.000	4.000	3.000	3.000	2.000
25.000	2.000	1.000	1.000	1.000	0.000
25.250	0.000	0.000	0.000	0.000	0.000
25.500	0.000	0.000	0.000	0.000	0.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 1 years
Label: BASIN 1A | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
25.750	0.000	0.000	0.000	0.000	0.000
26.000	0.000	0.000	0.000	0.000	0.000
26.250	0.000	0.000	0.000	0.000	0.000
26.500	0.000	0.000	0.000	0.000	0.000
26.750	0.000	0.000	0.000	0.000	0.000
27.000	0.000	0.000	0.000	0.000	0.000
27.250	0.000	0.000	0.000	0.000	0.000
27.500	0.000	0.000	0.000	0.000	0.000
27.750	0.000	0.000	0.000	0.000	0.000
28.000	0.000	0.000	0.000	0.000	0.000
28.250	0.000	0.000	0.000	0.000	0.000
28.500	0.000	0.000	0.000	0.000	0.000
28.750	0.000	0.000	0.000	0.000	0.000
29.000	0.000	0.000	0.000	0.000	0.000
29.250	0.000	0.000	0.000	0.000	0.000
29.500	0.000	0.000	0.000	0.000	0.000
29.750	0.000	0.000	0.000	0.000	0.000
30.000	0.000	0.000	0.000	0.000	0.000
30.250	0.000	0.000	0.000	0.000	0.000
30.500	0.000	0.000	0.000	0.000	0.000
30.750	0.000	0.000	0.000	0.000	0.000
31.000	0.000	0.000	0.000	0.000	0.000
31.250	0.000	0.000	0.000	0.000	0.000
31.500	0.000	0.000	0.000	0.000	0.000
31.750	0.000	0.000	0.000	0.000	0.000
32.000	0.000	0.000	0.000	0.000	0.000
32.250	0.000	0.000	0.000	0.000	0.000
32.500	0.000	0.000	0.000	0.000	0.000
32.750	0.000	0.000	0.000	0.000	0.000
33.000	0.000	0.000	0.000	0.000	0.000
33.250	0.000	0.000	0.000	0.000	0.000
33.500	0.000	0.000	0.000	0.000	0.000
33.750	0.000	0.000	0.000	0.000	0.000
34.000	0.000	0.000	0.000	0.000	0.000
34.250	0.000	0.000	0.000	0.000	0.000
34.500	0.000	0.000	0.000	0.000	0.000
34.750	0.000	0.000	0.000	0.000	0.000
35.000	0.000	(N/A)	(N/A)	(N/A)	(N/A)

Proposed Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 10 years
Label: BASIN 1A
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
2.000	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000
5.250	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	0.000
6.500	0.000	0.000	0.000	0.000	0.000
6.750	0.000	0.000	0.000	0.000	0.000
7.000	0.000	0.000	0.000	0.000	0.000
7.250	0.000	0.000	0.000	0.000	0.000
7.500	0.000	0.000	0.000	0.000	0.000
7.750	0.000	0.000	0.000	0.000	0.000
8.000	0.000	0.000	0.000	0.000	0.000
8.250	1.000	3.000	5.000	7.000	10.000
8.500	13.000	16.000	20.000	24.000	28.000
8.750	33.000	38.000	43.000	48.000	53.000
9.000	59.000	65.000	71.000	77.000	84.000
9.250	91.000	98.000	105.000	112.000	120.000
9.500	128.000	136.000	144.000	153.000	161.000
9.750	170.000	179.000	189.000	198.000	208.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 10 years
Label: BASIN 1A | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
10.000	218.000	228.000	239.000	250.000	262.000
10.250	275.000	289.000	303.000	318.000	333.000
10.500	349.000	366.000	383.000	401.000	420.000
10.750	438.000	458.000	478.000	498.000	519.000
11.000	541.000	564.000	590.000	620.000	655.000
11.250	696.000	741.000	791.000	846.000	910.000
11.500	990.000	1,105.000	1,279.000	1,540.000	1,919.000
11.750	2,433.000	3,093.000	3,914.000	4,911.000	6,298.000
12.000	8,358.000	10,950.000	13,773.000	16,440.000	18,516.000
12.250	20,089.000	21,418.000	22,563.000	23,532.000	24,327.000
12.500	24,940.000	25,404.000	25,752.000	26,027.000	26,271.000
12.750	26,494.000	26,696.000	26,878.000	27,041.000	27,186.000
13.000	27,311.000	27,419.000	27,515.000	27,601.000	27,680.000
13.250	27,755.000	27,824.000	27,888.000	27,947.000	28,001.000
13.500	28,050.000	28,095.000	28,134.000	28,168.000	28,198.000
13.750	28,222.000	28,241.000	28,255.000	28,264.000	28,268.000
14.000	28,267.000	28,261.000	28,251.000	28,238.000	28,223.000
14.250	28,205.000	28,184.000	28,162.000	28,136.000	28,109.000
14.500	28,079.000	28,047.000	28,012.000	27,975.000	27,936.000
14.750	27,894.000	27,850.000	27,803.000	27,754.000	27,702.000
15.000	27,647.000	27,590.000	27,531.000	27,470.000	27,406.000
15.250	27,339.000	27,270.000	27,199.000	27,125.000	27,049.000
15.500	26,971.000	26,890.000	26,807.000	26,722.000	26,634.000
15.750	26,543.000	26,449.000	26,353.000	26,254.000	26,153.000
16.000	26,050.000	25,945.000	25,838.000	25,730.000	25,620.000
16.250	25,510.000	25,399.000	25,287.000	25,172.000	25,057.000
16.500	24,942.000	24,825.000	24,708.000	24,590.000	24,471.000
16.750	24,351.000	24,230.000	24,109.000	23,985.000	23,860.000
17.000	23,735.000	23,609.000	23,482.000	23,355.000	23,226.000
17.250	23,097.000	22,967.000	22,835.000	22,702.000	22,568.000
17.500	22,434.000	22,298.000	22,162.000	22,026.000	21,888.000
17.750	21,750.000	21,609.000	21,467.000	21,325.000	21,183.000
18.000	21,039.000	20,895.000	20,751.000	20,606.000	20,459.000
18.250	20,313.000	20,167.000	20,022.000	19,876.000	19,731.000
18.500	19,585.000	19,440.000	19,293.000	19,146.000	18,999.000
18.750	18,853.000	18,707.000	18,561.000	18,415.000	18,268.000
19.000	18,121.000	17,974.000	17,827.000	17,680.000	17,534.000
19.250	17,388.000	17,241.000	17,093.000	16,946.000	16,798.000
19.500	16,651.000	16,504.000	16,358.000	16,211.000	16,064.000
19.750	15,916.000	15,768.000	15,621.000	15,474.000	15,327.000
20.000	15,180.000	15,033.000	14,885.000	14,737.000	14,590.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 10 years
Label: BASIN 1A | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
20.250	14,443.000	14,297.000	14,151.000	14,005.000	13,857.000
20.500	13,710.000	13,564.000	13,418.000	13,272.000	13,127.000
20.750	12,982.000	12,835.000	12,690.000	12,544.000	12,399.000
21.000	12,255.000	12,111.000	11,967.000	11,822.000	11,678.000
21.250	11,534.000	11,390.000	11,247.000	11,105.000	10,963.000
21.500	10,819.000	10,676.000	10,534.000	10,393.000	10,252.000
21.750	10,111.000	9,972.000	9,831.000	9,690.000	9,551.000
22.000	9,412.000	9,274.000	9,137.000	9,000.000	8,863.000
22.250	8,727.000	8,591.000	8,458.000	8,325.000	8,194.000
22.500	8,064.000	7,934.000	7,804.000	7,675.000	7,546.000
22.750	7,418.000	7,291.000	7,164.000	7,038.000	6,911.000
23.000	6,784.000	6,658.000	6,530.000	6,403.000	6,275.000
23.250	6,148.000	6,019.000	5,890.000	5,762.000	5,633.000
23.500	5,504.000	5,375.000	5,247.000	5,116.000	4,985.000
23.750	4,855.000	4,724.000	4,593.000	4,463.000	4,332.000
24.000	4,199.000	4,059.000	3,902.000	3,734.000	3,562.000
24.250	3,390.000	3,216.000	3,043.000	2,870.000	2,698.000
24.500	2,526.000	2,353.000	2,179.000	2,007.000	1,834.000
24.750	1,662.000	1,489.000	1,315.000	1,143.000	970.000
25.000	802.000	650.000	528.000	428.000	348.000
25.250	282.000	229.000	186.000	151.000	123.000
25.500	100.000	81.000	66.000	54.000	44.000
25.750	35.000	29.000	23.000	19.000	15.000
26.000	13.000	10.000	8.000	7.000	5.000
26.250	4.000	4.000	3.000	2.000	2.000
26.500	2.000	1.000	1.000	1.000	0.000
26.750	0.000	0.000	0.000	0.000	0.000
27.000	0.000	0.000	0.000	0.000	0.000
27.250	0.000	0.000	0.000	0.000	0.000
27.500	0.000	0.000	0.000	0.000	0.000
27.750	0.000	0.000	0.000	0.000	0.000
28.000	0.000	0.000	0.000	0.000	0.000
28.250	0.000	0.000	0.000	0.000	0.000
28.500	0.000	0.000	0.000	0.000	0.000
28.750	0.000	0.000	0.000	0.000	0.000
29.000	0.000	0.000	0.000	0.000	0.000
29.250	0.000	0.000	0.000	0.000	0.000
29.500	0.000	0.000	0.000	0.000	0.000
29.750	0.000	0.000	0.000	0.000	0.000
30.000	0.000	0.000	0.000	0.000	0.000
30.250	0.000	0.000	0.000	0.000	0.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 10 years
Label: BASIN 1A
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
30.500	0.000	0.000	0.000	0.000	0.000
30.750	0.000	0.000	0.000	0.000	0.000
31.000	0.000	0.000	0.000	0.000	0.000
31.250	0.000	0.000	0.000	0.000	0.000
31.500	0.000	0.000	0.000	0.000	0.000
31.750	0.000	0.000	0.000	0.000	0.000
32.000	0.000	0.000	0.000	0.000	0.000
32.250	0.000	0.000	0.000	0.000	0.000
32.500	0.000	0.000	0.000	0.000	0.000
32.750	0.000	0.000	0.000	0.000	0.000
33.000	0.000	0.000	0.000	0.000	0.000
33.250	0.000	0.000	0.000	0.000	0.000
33.500	0.000	0.000	0.000	0.000	0.000
33.750	0.000	0.000	0.000	0.000	0.000
34.000	0.000	0.000	0.000	0.000	0.000
34.250	0.000	0.000	0.000	0.000	0.000
34.500	0.000	0.000	0.000	0.000	0.000
34.750	0.000	0.000	0.000	0.000	0.000
35.000	0.000	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Volume
Return Event: 100 years
Label: BASIN 1A
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
2.000	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 100 years
Label: BASIN 1A | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2.500	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000
5.250	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	1.000	2.000
5.750	4.000	6.000	8.000	11.000	14.000
6.000	17.000	20.000	23.000	27.000	30.000
6.250	34.000	38.000	43.000	47.000	51.000
6.500	56.000	61.000	66.000	71.000	76.000
6.750	82.000	87.000	93.000	99.000	105.000
7.000	111.000	117.000	124.000	130.000	137.000
7.250	144.000	151.000	158.000	166.000	173.000
7.500	181.000	189.000	196.000	204.000	213.000
7.750	221.000	229.000	238.000	247.000	256.000
8.000	265.000	274.000	283.000	294.000	305.000
8.250	317.000	329.000	342.000	356.000	370.000
8.500	384.000	400.000	415.000	431.000	448.000
8.750	465.000	482.000	500.000	518.000	536.000
9.000	555.000	575.000	594.000	615.000	635.000
9.250	656.000	677.000	699.000	721.000	743.000
9.500	766.000	789.000	812.000	836.000	862.000
9.750	893.000	930.000	972.000	1,020.000	1,073.000
10.000	1,132.000	1,197.000	1,269.000	1,349.000	1,438.000
10.250	1,537.000	1,645.000	1,762.000	1,888.000	2,024.000
10.500	2,170.000	2,328.000	2,496.000	2,673.000	2,860.000
10.750	3,059.000	3,269.000	3,490.000	3,721.000	3,964.000
11.000	4,220.000	4,490.000	4,780.000	5,098.000	5,447.000
11.250	5,830.000	6,250.000	6,705.000	7,196.000	7,722.000
11.500	8,284.000	8,932.000	9,730.000	10,754.000	12,083.000
11.750	13,745.000	15,761.000	18,148.000	20,925.000	24,596.000
12.000	29,816.000	36,181.000	42,953.000	49,224.000	53,847.000
12.250	56,883.000	58,977.000	60,366.000	61,176.000	61,497.000
12.500	61,407.000	61,032.000	60,490.000	59,889.000	59,321.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 100 years
Label: BASIN 1A | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
12.750	58,794.000	58,308.000	57,858.000	57,435.000	57,032.000
13.000	56,649.000	56,286.000	55,947.000	55,631.000	55,345.000
13.250	55,086.000	54,850.000	54,635.000	54,437.000	54,252.000
13.500	54,078.000	53,914.000	53,760.000	53,613.000	53,473.000
13.750	53,340.000	53,211.000	53,088.000	52,968.000	52,851.000
14.000	52,735.000	52,621.000	52,510.000	52,404.000	52,303.000
14.250	52,208.000	52,117.000	52,030.000	51,947.000	51,868.000
14.500	51,791.000	51,717.000	51,646.000	51,577.000	51,510.000
14.750	51,444.000	51,380.000	51,316.000	51,252.000	51,188.000
15.000	51,124.000	51,060.000	50,996.000	50,932.000	50,868.000
15.250	50,804.000	50,739.000	50,675.000	50,611.000	50,547.000
15.500	50,483.000	50,418.000	50,354.000	50,290.000	50,226.000
15.750	50,161.000	50,097.000	50,033.000	49,969.000	49,904.000
16.000	49,839.000	49,773.000	49,706.000	49,638.000	49,571.000
16.250	49,504.000	49,438.000	49,373.000	49,309.000	49,245.000
16.500	49,182.000	49,119.000	49,057.000	48,995.000	48,935.000
16.750	48,874.000	48,814.000	48,754.000	48,695.000	48,637.000
17.000	48,578.000	48,520.000	48,463.000	48,406.000	48,348.000
17.250	48,289.000	48,228.000	48,165.000	48,099.000	48,031.000
17.500	47,961.000	47,888.000	47,813.000	47,736.000	47,657.000
17.750	47,575.000	47,492.000	47,405.000	47,317.000	47,227.000
18.000	47,134.000	47,039.000	46,943.000	46,845.000	46,746.000
18.250	46,647.000	46,547.000	46,446.000	46,345.000	46,243.000
18.500	46,141.000	46,038.000	45,935.000	45,831.000	45,727.000
18.750	45,622.000	45,516.000	45,410.000	45,303.000	45,195.000
19.000	45,086.000	44,977.000	44,867.000	44,756.000	44,646.000
19.250	44,534.000	44,422.000	44,310.000	44,197.000	44,084.000
19.500	43,970.000	43,855.000	43,738.000	43,622.000	43,505.000
19.750	43,387.000	43,269.000	43,150.000	43,031.000	42,911.000
20.000	42,791.000	42,671.000	42,549.000	42,427.000	42,304.000
20.250	42,181.000	42,058.000	41,934.000	41,809.000	41,685.000
20.500	41,560.000	41,435.000	41,309.000	41,184.000	41,057.000
20.750	40,929.000	40,801.000	40,673.000	40,544.000	40,415.000
21.000	40,286.000	40,157.000	40,028.000	39,898.000	39,768.000
21.250	39,637.000	39,504.000	39,372.000	39,239.000	39,106.000
21.500	38,972.000	38,838.000	38,705.000	38,571.000	38,436.000
21.750	38,302.000	38,166.000	38,029.000	37,893.000	37,755.000
22.000	37,618.000	37,480.000	37,342.000	37,204.000	37,066.000
22.250	36,928.000	36,787.000	36,646.000	36,505.000	36,364.000
22.500	36,223.000	36,081.000	35,940.000	35,798.000	35,656.000
22.750	35,513.000	35,369.000	35,224.000	35,080.000	34,935.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 100 years
Label: BASIN 1A | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
23.000	34,790.000	34,644.000	34,499.000	34,353.000	34,207.000
23.250	34,059.000	33,911.000	33,763.000	33,615.000	33,466.000
23.500	33,318.000	33,169.000	33,020.000	32,870.000	32,719.000
23.750	32,568.000	32,416.000	32,265.000	32,113.000	31,960.000
24.000	31,808.000	31,641.000	31,438.000	31,210.000	30,978.000
24.250	30,744.000	30,511.000	30,279.000	30,044.000	29,811.000
24.500	29,578.000	29,346.000	29,116.000	28,883.000	28,651.000
24.750	28,420.000	28,189.000	27,959.000	27,729.000	27,498.000
25.000	27,268.000	27,039.000	26,810.000	26,582.000	26,353.000
25.250	26,124.000	25,896.000	25,669.000	25,442.000	25,215.000
25.500	24,988.000	24,761.000	24,535.000	24,310.000	24,086.000
25.750	23,859.000	23,634.000	23,410.000	23,186.000	22,964.000
26.000	22,739.000	22,515.000	22,293.000	22,071.000	21,850.000
26.250	21,628.000	21,405.000	21,184.000	20,964.000	20,745.000
26.500	20,525.000	20,304.000	20,085.000	19,866.000	19,649.000
26.750	19,431.000	19,213.000	18,995.000	18,778.000	18,563.000
27.000	18,348.000	18,131.000	17,915.000	17,700.000	17,487.000
27.250	17,274.000	17,059.000	16,846.000	16,633.000	16,421.000
27.500	16,211.000	15,999.000	15,787.000	15,577.000	15,367.000
27.750	15,159.000	14,950.000	14,741.000	14,533.000	14,326.000
28.000	14,120.000	13,913.000	13,706.000	13,501.000	13,297.000
28.250	13,094.000	12,890.000	12,686.000	12,483.000	12,282.000
28.500	12,082.000	11,881.000	11,681.000	11,481.000	11,283.000
28.750	11,086.000	10,889.000	10,692.000	10,496.000	10,301.000
29.000	10,108.000	9,916.000	9,723.000	9,531.000	9,341.000
29.250	9,153.000	8,965.000	8,777.000	8,592.000	8,409.000
29.500	8,228.000	8,049.000	7,870.000	7,692.000	7,515.000
29.750	7,340.000	7,167.000	6,993.000	6,820.000	6,647.000
30.000	6,474.000	6,301.000	6,129.000	5,955.000	5,781.000
30.250	5,609.000	5,436.000	5,265.000	5,091.000	4,918.000
30.500	4,745.000	4,572.000	4,400.000	4,227.000	4,054.000
30.750	3,881.000	3,708.000	3,536.000	3,364.000	3,190.000
31.000	3,017.000	2,844.000	2,672.000	2,500.000	2,326.000
31.250	2,153.000	1,980.000	1,808.000	1,636.000	1,462.000
31.500	1,289.000	1,116.000	944.000	778.000	631.000
31.750	512.000	416.000	337.000	274.000	223.000
32.000	181.000	147.000	119.000	97.000	79.000
32.250	64.000	52.000	42.000	34.000	28.000
32.500	23.000	18.000	15.000	12.000	10.000
32.750	8.000	7.000	5.000	4.000	3.000
33.000	3.000	2.000	2.000	2.000	1.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 100 years
Label: BASIN 1A | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
33.250	1.000	0.000	0.000	0.000	0.000
33.500	0.000	0.000	0.000	0.000	0.000
33.750	0.000	0.000	0.000	0.000	0.000
34.000	0.000	0.000	0.000	0.000	0.000
34.250	0.000	0.000	0.000	0.000	0.000
34.500	0.000	0.000	0.000	0.000	0.000
34.750	0.000	0.000	0.000	0.000	0.000
35.000	0.000	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Volume | Return Event: 1 years
Label: BASIN 1B | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
2.000	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 1 years
Label: BASIN 1B | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
5.250	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	0.000
6.500	0.000	0.000	0.000	0.000	0.000
6.750	0.000	0.000	0.000	0.000	0.000
7.000	0.000	0.000	0.000	0.000	0.000
7.250	0.000	0.000	0.000	0.000	0.000
7.500	0.000	0.000	0.000	0.000	0.000
7.750	0.000	0.000	0.000	0.000	0.000
8.000	0.000	0.000	0.000	0.000	0.000
8.250	0.000	0.000	0.000	0.000	0.000
8.500	0.000	0.000	0.000	0.000	0.000
8.750	0.000	0.000	0.000	0.000	0.000
9.000	0.000	0.000	0.000	0.000	0.000
9.250	0.000	0.000	0.000	0.000	0.000
9.500	0.000	0.000	0.000	0.000	0.000
9.750	0.000	0.000	0.000	0.000	0.000
10.000	2.000	4.000	7.000	10.000	13.000
10.250	17.000	21.000	26.000	32.000	38.000
10.500	44.000	51.000	59.000	67.000	75.000
10.750	84.000	93.000	103.000	113.000	124.000
11.000	135.000	147.000	160.000	174.000	190.000
11.250	208.000	228.000	250.000	274.000	300.000
11.500	329.000	364.000	412.000	480.000	576.000
11.750	703.000	865.000	1,064.000	1,305.000	1,667.000
12.000	2,279.000	3,115.000	4,073.000	5,002.000	5,726.000
12.250	6,263.000	6,713.000	7,096.000	7,411.000	7,657.000
12.500	7,832.000	7,946.000	8,015.000	8,054.000	8,080.000
12.750	8,098.000	8,108.000	8,111.000	8,106.000	8,093.000
13.000	8,073.000	8,045.000	8,012.000	7,976.000	7,937.000
13.250	7,896.000	7,853.000	7,808.000	7,762.000	7,713.000
13.500	7,663.000	7,610.000	7,556.000	7,499.000	7,441.000
13.750	7,381.000	7,318.000	7,253.000	7,186.000	7,117.000
14.000	7,045.000	6,972.000	6,897.000	6,821.000	6,744.000
14.250	6,666.000	6,587.000	6,507.000	6,426.000	6,344.000
14.500	6,261.000	6,178.000	6,093.000	6,007.000	5,921.000
14.750	5,833.000	5,744.000	5,654.000	5,562.000	5,470.000
15.000	5,376.000	5,282.000	5,187.000	5,090.000	4,993.000
15.250	4,895.000	4,795.000	4,695.000	4,594.000	4,491.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 1 years
Label: BASIN 1B | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
15.500	4,388.000	4,283.000	4,177.000	4,069.000	3,961.000
15.750	3,851.000	3,741.000	3,629.000	3,517.000	3,403.000
16.000	3,289.000	3,173.000	3,057.000	2,940.000	2,823.000
16.250	2,704.000	2,585.000	2,465.000	2,345.000	2,225.000
16.500	2,104.000	1,983.000	1,862.000	1,740.000	1,618.000
16.750	1,495.000	1,375.000	1,263.000	1,164.000	1,075.000
17.000	995.000	924.000	861.000	804.000	753.000
17.250	708.000	667.000	630.000	597.000	567.000
17.500	540.000	516.000	494.000	474.000	455.000
17.750	438.000	423.000	409.000	396.000	384.000
18.000	373.000	362.000	353.000	344.000	336.000
18.250	329.000	323.000	317.000	312.000	307.000
18.500	302.000	298.000	295.000	291.000	288.000
18.750	285.000	282.000	280.000	277.000	275.000
19.000	273.000	270.000	268.000	267.000	265.000
19.250	263.000	261.000	260.000	258.000	256.000
19.500	255.000	253.000	252.000	251.000	249.000
19.750	248.000	246.000	245.000	244.000	242.000
20.000	241.000	240.000	238.000	237.000	236.000
20.250	235.000	234.000	232.000	231.000	230.000
20.500	229.000	228.000	227.000	226.000	225.000
20.750	224.000	223.000	222.000	221.000	220.000
21.000	219.000	218.000	217.000	216.000	215.000
21.250	214.000	213.000	212.000	212.000	211.000
21.500	210.000	209.000	208.000	207.000	206.000
21.750	205.000	204.000	203.000	202.000	201.000
22.000	200.000	199.000	198.000	197.000	196.000
22.250	195.000	194.000	193.000	192.000	191.000
22.500	190.000	189.000	189.000	188.000	187.000
22.750	186.000	185.000	184.000	183.000	182.000
23.000	181.000	180.000	179.000	178.000	177.000
23.250	176.000	175.000	174.000	173.000	172.000
23.500	171.000	170.000	169.000	168.000	167.000
23.750	167.000	166.000	165.000	164.000	163.000
24.000	162.000	157.000	147.000	132.000	117.000
24.250	104.000	93.000	82.000	73.000	65.000
24.500	58.000	51.000	45.000	40.000	36.000
24.750	32.000	28.000	25.000	22.000	20.000
25.000	18.000	16.000	14.000	12.000	11.000
25.250	10.000	9.000	8.000	7.000	6.000
25.500	5.000	5.000	4.000	4.000	3.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 1 years
Label: BASIN 1B | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
25.750	3.000	3.000	2.000	2.000	2.000
26.000	2.000	1.000	0.000	0.000	0.000
26.250	0.000	0.000	0.000	0.000	0.000
26.500	0.000	0.000	0.000	0.000	0.000
26.750	0.000	0.000	0.000	0.000	0.000
27.000	0.000	0.000	0.000	0.000	0.000
27.250	0.000	0.000	0.000	0.000	0.000
27.500	0.000	0.000	0.000	0.000	0.000
27.750	0.000	0.000	0.000	0.000	0.000
28.000	0.000	0.000	0.000	0.000	0.000
28.250	0.000	0.000	0.000	0.000	0.000
28.500	0.000	0.000	0.000	0.000	0.000
28.750	0.000	0.000	0.000	0.000	0.000
29.000	0.000	0.000	0.000	0.000	0.000
29.250	0.000	0.000	0.000	0.000	0.000
29.500	0.000	0.000	0.000	0.000	0.000
29.750	0.000	0.000	0.000	0.000	0.000
30.000	0.000	0.000	0.000	0.000	0.000
30.250	0.000	0.000	0.000	0.000	0.000
30.500	0.000	0.000	0.000	0.000	0.000
30.750	0.000	0.000	0.000	0.000	0.000
31.000	0.000	0.000	0.000	0.000	0.000
31.250	0.000	0.000	0.000	0.000	0.000
31.500	0.000	0.000	0.000	0.000	0.000
31.750	0.000	0.000	0.000	0.000	0.000
32.000	0.000	0.000	0.000	0.000	0.000
32.250	0.000	0.000	0.000	0.000	0.000
32.500	0.000	0.000	0.000	0.000	0.000
32.750	0.000	0.000	0.000	0.000	0.000
33.000	0.000	0.000	0.000	0.000	0.000
33.250	0.000	0.000	0.000	0.000	0.000
33.500	0.000	0.000	0.000	0.000	0.000
33.750	0.000	0.000	0.000	0.000	0.000
34.000	0.000	0.000	0.000	0.000	0.000
34.250	0.000	0.000	0.000	0.000	0.000
34.500	0.000	0.000	0.000	0.000	0.000
34.750	0.000	0.000	0.000	0.000	0.000
35.000	0.000	(N/A)	(N/A)	(N/A)	(N/A)

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 10 years
Label: BASIN 1B | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
2.000	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000
5.250	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	0.000
6.500	0.000	0.000	0.000	0.000	0.000
6.750	0.000	0.000	0.000	0.000	0.000
7.000	0.000	0.000	0.000	0.000	0.000
7.250	0.000	0.000	0.000	0.000	0.000
7.500	2.000	3.000	5.000	7.000	10.000
7.750	13.000	16.000	20.000	23.000	28.000
8.000	32.000	36.000	41.000	46.000	52.000
8.250	57.000	63.000	70.000	77.000	84.000
8.500	91.000	99.000	107.000	115.000	124.000
8.750	133.000	143.000	153.000	163.000	173.000
9.000	184.000	195.000	207.000	219.000	231.000
9.250	244.000	257.000	270.000	284.000	298.000
9.500	312.000	327.000	342.000	357.000	373.000
9.750	389.000	405.000	422.000	439.000	457.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 10 years
Label: BASIN 1B | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
10.000	475.000	493.000	512.000	532.000	553.000
10.250	575.000	599.000	623.000	649.000	675.000
10.500	703.000	732.000	761.000	792.000	824.000
10.750	856.000	890.000	924.000	959.000	995.000
11.000	1,032.000	1,071.000	1,114.000	1,163.000	1,219.000
11.250	1,282.000	1,352.000	1,429.000	1,517.000	1,621.000
11.500	1,742.000	1,901.000	2,125.000	2,445.000	2,897.000
11.750	3,491.000	4,247.000	5,168.000	6,274.000	7,788.000
12.000	10,013.000	12,772.000	15,724.000	18,439.000	20,473.000
12.250	21,953.000	23,159.000	24,158.000	24,968.000	25,587.000
12.500	26,019.000	26,292.000	26,447.000	26,525.000	26,570.000
12.750	26,592.000	26,594.000	26,578.000	26,542.000	26,487.000
13.000	26,413.000	26,322.000	26,219.000	26,107.000	25,990.000
13.250	25,870.000	25,745.000	25,617.000	25,486.000	25,351.000
13.500	25,213.000	25,071.000	24,925.000	24,777.000	24,624.000
13.750	24,467.000	24,307.000	24,144.000	23,978.000	23,808.000
14.000	23,636.000	23,461.000	23,284.000	23,106.000	22,926.000
14.250	22,746.000	22,566.000	22,386.000	22,206.000	22,026.000
14.500	21,846.000	21,666.000	21,486.000	21,305.000	21,124.000
14.750	20,942.000	20,762.000	20,581.000	20,401.000	20,220.000
15.000	20,041.000	19,861.000	19,681.000	19,502.000	19,325.000
15.250	19,151.000	18,978.000	18,808.000	18,639.000	18,472.000
15.500	18,307.000	18,144.000	17,981.000	17,819.000	17,659.000
15.750	17,500.000	17,342.000	17,185.000	17,030.000	16,876.000
16.000	16,724.000	16,572.000	16,422.000	16,272.000	16,125.000
16.250	15,979.000	15,836.000	15,695.000	15,556.000	15,419.000
16.500	15,284.000	15,151.000	15,019.000	14,889.000	14,759.000
16.750	14,631.000	14,504.000	14,378.000	14,253.000	14,130.000
17.000	14,008.000	13,887.000	13,767.000	13,649.000	13,531.000
17.250	13,415.000	13,298.000	13,182.000	13,066.000	12,951.000
17.500	12,837.000	12,723.000	12,609.000	12,496.000	12,384.000
17.750	12,272.000	12,161.000	12,050.000	11,939.000	11,829.000
18.000	11,718.000	11,607.000	11,496.000	11,386.000	11,277.000
18.250	11,168.000	11,060.000	10,953.000	10,846.000	10,741.000
18.500	10,636.000	10,531.000	10,428.000	10,325.000	10,221.000
18.750	10,118.000	10,014.000	9,911.000	9,807.000	9,704.000
19.000	9,601.000	9,498.000	9,395.000	9,292.000	9,189.000
19.250	9,086.000	8,983.000	8,880.000	8,777.000	8,673.000
19.500	8,569.000	8,465.000	8,360.000	8,255.000	8,150.000
19.750	8,044.000	7,938.000	7,832.000	7,726.000	7,620.000
20.000	7,513.000	7,406.000	7,298.000	7,190.000	7,081.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 10 years
Label: BASIN 1B | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
20.250	6,972.000	6,863.000	6,754.000	6,644.000	6,534.000
20.500	6,424.000	6,314.000	6,204.000	6,094.000	5,983.000
20.750	5,872.000	5,761.000	5,649.000	5,536.000	5,423.000
21.000	5,311.000	5,198.000	5,085.000	4,972.000	4,858.000
21.250	4,745.000	4,631.000	4,517.000	4,403.000	4,288.000
21.500	4,172.000	4,056.000	3,940.000	3,824.000	3,708.000
21.750	3,592.000	3,475.000	3,358.000	3,242.000	3,124.000
22.000	3,007.000	2,890.000	2,771.000	2,652.000	2,533.000
22.250	2,414.000	2,294.000	2,174.000	2,055.000	1,935.000
22.500	1,815.000	1,694.000	1,574.000	1,454.000	1,337.000
22.750	1,232.000	1,138.000	1,055.000	981.000	914.000
23.000	855.000	803.000	756.000	714.000	676.000
23.250	643.000	613.000	586.000	562.000	540.000
23.500	521.000	503.000	487.000	473.000	460.000
23.750	448.000	438.000	428.000	419.000	411.000
24.000	403.000	389.000	361.000	324.000	288.000
24.250	256.000	227.000	202.000	179.000	159.000
24.500	141.000	126.000	112.000	99.000	88.000
24.750	78.000	69.000	62.000	55.000	49.000
25.000	43.000	38.000	34.000	30.000	27.000
25.250	24.000	21.000	19.000	17.000	15.000
25.500	13.000	12.000	10.000	9.000	8.000
25.750	7.000	6.000	6.000	5.000	5.000
26.000	4.000	4.000	3.000	3.000	2.000
26.250	2.000	2.000	2.000	2.000	0.000
26.500	0.000	0.000	0.000	0.000	0.000
26.750	0.000	0.000	0.000	0.000	0.000
27.000	0.000	0.000	0.000	0.000	0.000
27.250	0.000	0.000	0.000	0.000	0.000
27.500	0.000	0.000	0.000	0.000	0.000
27.750	0.000	0.000	0.000	0.000	0.000
28.000	0.000	0.000	0.000	0.000	0.000
28.250	0.000	0.000	0.000	0.000	0.000
28.500	0.000	0.000	0.000	0.000	0.000
28.750	0.000	0.000	0.000	0.000	0.000
29.000	0.000	0.000	0.000	0.000	0.000
29.250	0.000	0.000	0.000	0.000	0.000
29.500	0.000	0.000	0.000	0.000	0.000
29.750	0.000	0.000	0.000	0.000	0.000
30.000	0.000	0.000	0.000	0.000	0.000
30.250	0.000	0.000	0.000	0.000	0.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 10 years
Label: BASIN 1B
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
30.500	0.000	0.000	0.000	0.000	0.000
30.750	0.000	0.000	0.000	0.000	0.000
31.000	0.000	0.000	0.000	0.000	0.000
31.250	0.000	0.000	0.000	0.000	0.000
31.500	0.000	0.000	0.000	0.000	0.000
31.750	0.000	0.000	0.000	0.000	0.000
32.000	0.000	0.000	0.000	0.000	0.000
32.250	0.000	0.000	0.000	0.000	0.000
32.500	0.000	0.000	0.000	0.000	0.000
32.750	0.000	0.000	0.000	0.000	0.000
33.000	0.000	0.000	0.000	0.000	0.000
33.250	0.000	0.000	0.000	0.000	0.000
33.500	0.000	0.000	0.000	0.000	0.000
33.750	0.000	0.000	0.000	0.000	0.000
34.000	0.000	0.000	0.000	0.000	0.000
34.250	0.000	0.000	0.000	0.000	0.000
34.500	0.000	0.000	0.000	0.000	0.000
34.750	0.000	0.000	0.000	0.000	0.000
35.000	0.000	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Volume
Return Event: 100 years
Label: BASIN 1B
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
2.000	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 100 years
Label: BASIN 1B | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2.500	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
5.000	3.000	5.000	7.000	10.000	14.000
5.250	17.000	21.000	26.000	30.000	35.000
5.500	40.000	45.000	51.000	56.000	62.000
5.750	68.000	74.000	80.000	86.000	92.000
6.000	99.000	105.000	112.000	119.000	126.000
6.250	133.000	141.000	149.000	157.000	166.000
6.500	175.000	184.000	193.000	202.000	212.000
6.750	222.000	233.000	243.000	254.000	265.000
7.000	277.000	288.000	300.000	312.000	325.000
7.250	337.000	350.000	363.000	376.000	390.000
7.500	404.000	418.000	432.000	446.000	461.000
7.750	476.000	491.000	507.000	522.000	538.000
8.000	554.000	571.000	588.000	606.000	625.000
8.250	645.000	666.000	688.000	711.000	735.000
8.500	760.000	786.000	813.000	840.000	868.000
8.750	897.000	927.000	957.000	989.000	1,021.000
9.000	1,053.000	1,086.000	1,120.000	1,155.000	1,190.000
9.250	1,226.000	1,262.000	1,299.000	1,337.000	1,375.000
9.500	1,414.000	1,454.000	1,499.000	1,549.000	1,605.000
9.750	1,666.000	1,732.000	1,804.000	1,881.000	1,964.000
10.000	2,053.000	2,148.000	2,250.000	2,361.000	2,481.000
10.250	2,610.000	2,749.000	2,898.000	3,056.000	3,224.000
10.500	3,402.000	3,591.000	3,791.000	4,001.000	4,223.000
10.750	4,454.000	4,696.000	4,949.000	5,214.000	5,491.000
11.000	5,779.000	6,081.000	6,405.000	6,757.000	7,142.000
11.250	7,561.000	8,016.000	8,510.000	9,040.000	9,605.000
11.500	10,211.000	10,902.000	11,751.000	12,822.000	14,192.000
11.750	15,880.000	17,890.000	20,224.000	22,909.000	26,454.000
12.000	31,508.000	37,646.000	44,124.000	50,060.000	54,543.000
12.250	57,843.000	60,555.000	62,836.000	64,717.000	66,205.000
12.500	67,300.000	68,066.000	68,586.000	68,949.000	69,242.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 100 years
Label: BASIN 1B | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
12.750	69,487.000	69,690.000	69,850.000	69,968.000	70,045.000
13.000	70,082.000	70,083.000	70,055.000	70,008.000	69,948.000
13.250	69,877.000	69,796.000	69,704.000	69,601.000	69,489.000
13.500	69,366.000	69,234.000	69,091.000	68,938.000	68,776.000
13.750	68,603.000	68,421.000	68,229.000	68,027.000	67,815.000
14.000	67,593.000	67,361.000	67,122.000	66,877.000	66,629.000
14.250	66,376.000	66,119.000	65,859.000	65,595.000	65,325.000
14.500	65,051.000	64,774.000	64,493.000	64,209.000	63,921.000
14.750	63,629.000	63,332.000	63,031.000	62,727.000	62,419.000
15.000	62,107.000	61,793.000	61,474.000	61,150.000	60,823.000
15.250	60,492.000	60,159.000	59,822.000	59,481.000	59,135.000
15.500	58,786.000	58,434.000	58,079.000	57,721.000	57,358.000
15.750	56,991.000	56,621.000	56,248.000	55,873.000	55,493.000
16.000	55,109.000	54,723.000	54,335.000	53,947.000	53,558.000
16.250	53,167.000	52,776.000	52,386.000	51,996.000	51,605.000
16.500	51,213.000	50,821.000	50,430.000	50,039.000	49,648.000
16.750	49,255.000	48,862.000	48,470.000	48,079.000	47,687.000
17.000	47,294.000	46,901.000	46,509.000	46,118.000	45,725.000
17.250	45,332.000	44,940.000	44,548.000	44,157.000	43,764.000
17.500	43,371.000	42,980.000	42,589.000	42,198.000	41,806.000
17.750	41,414.000	41,024.000	40,634.000	40,244.000	39,853.000
18.000	39,463.000	39,074.000	38,687.000	38,300.000	37,914.000
18.250	37,532.000	37,152.000	36,774.000	36,396.000	36,021.000
18.500	35,649.000	35,280.000	34,912.000	34,545.000	34,180.000
18.750	33,819.000	33,460.000	33,102.000	32,746.000	32,392.000
19.000	32,042.000	31,694.000	31,347.000	31,002.000	30,660.000
19.250	30,320.000	29,984.000	29,648.000	29,314.000	28,984.000
19.500	28,656.000	28,330.000	28,007.000	27,685.000	27,366.000
19.750	27,050.000	26,737.000	26,427.000	26,117.000	25,809.000
20.000	25,506.000	25,205.000	24,907.000	24,611.000	24,317.000
20.250	24,026.000	23,739.000	23,454.000	23,173.000	22,894.000
20.500	22,617.000	22,343.000	22,073.000	21,806.000	21,542.000
20.750	21,280.000	21,021.000	20,766.000	20,513.000	20,264.000
21.000	20,019.000	19,778.000	19,538.000	19,304.000	19,076.000
21.250	18,853.000	18,636.000	18,424.000	18,217.000	18,013.000
21.500	17,814.000	17,618.000	17,427.000	17,241.000	17,058.000
21.750	16,880.000	16,705.000	16,535.000	16,366.000	16,200.000
22.000	16,037.000	15,878.000	15,721.000	15,568.000	15,418.000
22.250	15,270.000	15,124.000	14,982.000	14,841.000	14,702.000
22.500	14,565.000	14,430.000	14,297.000	14,167.000	14,038.000
22.750	13,911.000	13,786.000	13,662.000	13,541.000	13,421.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 100 years
Label: BASIN 1B | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
23.000	13,302.000	13,184.000	13,067.000	12,951.000	12,837.000
23.250	12,723.000	12,611.000	12,500.000	12,390.000	12,282.000
23.500	12,174.000	12,068.000	11,962.000	11,857.000	11,752.000
23.750	11,648.000	11,544.000	11,441.000	11,338.000	11,235.000
24.000	11,133.000	11,017.000	10,869.000	10,698.000	10,523.000
24.250	10,349.000	10,175.000	10,001.000	9,827.000	9,655.000
24.500	9,483.000	9,312.000	9,142.000	8,972.000	8,804.000
24.750	8,634.000	8,464.000	8,294.000	8,125.000	7,956.000
25.000	7,787.000	7,618.000	7,449.000	7,281.000	7,111.000
25.250	6,941.000	6,772.000	6,602.000	6,433.000	6,264.000
25.500	6,095.000	5,927.000	5,758.000	5,588.000	5,418.000
25.750	5,249.000	5,079.000	4,910.000	4,741.000	4,573.000
26.000	4,404.000	4,235.000	4,065.000	3,895.000	3,726.000
26.250	3,557.000	3,388.000	3,219.000	3,050.000	2,882.000
26.500	2,712.000	2,542.000	2,372.000	2,203.000	2,034.000
26.750	1,865.000	1,696.000	1,528.000	1,362.000	1,209.000
27.000	1,073.000	953.000	846.000	751.000	666.000
27.250	592.000	525.000	466.000	414.000	368.000
27.500	326.000	290.000	257.000	229.000	203.000
27.750	180.000	160.000	142.000	126.000	112.000
28.000	99.000	88.000	78.000	70.000	62.000
28.250	55.000	49.000	43.000	38.000	34.000
28.500	30.000	27.000	24.000	21.000	19.000
28.750	17.000	15.000	13.000	12.000	10.000
29.000	9.000	8.000	7.000	6.000	6.000
29.250	5.000	5.000	4.000	4.000	3.000
29.500	3.000	3.000	2.000	2.000	2.000
29.750	2.000	0.000	0.000	0.000	0.000
30.000	0.000	0.000	0.000	0.000	0.000
30.250	0.000	0.000	0.000	0.000	0.000
30.500	0.000	0.000	0.000	0.000	0.000
30.750	0.000	0.000	0.000	0.000	0.000
31.000	0.000	0.000	0.000	0.000	0.000
31.250	0.000	0.000	0.000	0.000	0.000
31.500	0.000	0.000	0.000	0.000	0.000
31.750	0.000	0.000	0.000	0.000	0.000
32.000	0.000	0.000	0.000	0.000	0.000
32.250	0.000	0.000	0.000	0.000	0.000
32.500	0.000	0.000	0.000	0.000	0.000
32.750	0.000	0.000	0.000	0.000	0.000
33.000	0.000	0.000	0.000	0.000	0.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 100 years
Label: BASIN 1B
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
33.250	0.000	0.000	0.000	0.000	0.000
33.500	0.000	0.000	0.000	0.000	0.000
33.750	0.000	0.000	0.000	0.000	0.000
34.000	0.000	0.000	0.000	0.000	0.000
34.250	0.000	0.000	0.000	0.000	0.000
34.500	0.000	0.000	0.000	0.000	0.000
34.750	0.000	0.000	0.000	0.000	0.000
35.000	0.000	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Volume
Return Event: 1 years
Label: Pond 1D
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
2.000	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 1 years
Label: Pond 1D
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
5.250	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	0.000
6.500	0.000	0.000	0.000	0.000	0.000
6.750	0.000	0.000	0.000	0.000	0.000
7.000	0.000	0.000	0.000	0.000	0.000
7.250	0.000	0.000	0.000	0.000	0.000
7.500	0.000	0.000	0.000	0.000	0.000
7.750	0.000	0.000	0.000	0.000	0.000
8.000	0.000	0.000	0.000	0.000	0.000
8.250	0.000	0.000	0.000	0.000	0.000
8.500	0.000	0.000	0.000	0.000	0.000
8.750	0.000	0.000	0.000	0.000	0.000
9.000	0.000	0.000	0.000	0.000	0.000
9.250	0.000	0.000	0.000	0.000	0.000
9.500	0.000	0.000	0.000	0.000	0.000
9.750	0.000	0.000	0.000	0.000	0.000
10.000	1.000	1.000	2.000	3.000	4.000
10.250	5.000	7.000	9.000	11.000	13.000
10.500	16.000	19.000	22.000	25.000	29.000
10.750	34.000	38.000	43.000	49.000	55.000
11.000	61.000	68.000	76.000	84.000	93.000
11.250	104.000	115.000	128.000	140.000	154.000
11.500	170.000	188.000	211.000	241.000	279.000
11.750	327.000	389.000	464.000	556.000	682.000
12.000	870.000	1,112.000	1,384.000	1,648.000	1,862.000
12.250	2,031.000	2,182.000	2,312.000	2,430.000	2,530.000
12.500	2,612.000	2,680.000	2,738.000	2,790.000	2,836.000
12.750	2,880.000	2,922.000	2,964.000	3,003.000	3,041.000
13.000	3,078.000	3,113.000	3,146.000	3,177.000	3,207.000
13.250	3,238.000	3,268.000	3,298.000	3,327.000	3,356.000
13.500	3,385.000	3,414.000	3,442.000	3,470.000	3,497.000
13.750	3,522.000	3,547.000	3,572.000	3,596.000	3,620.000
14.000	3,643.000	3,666.000	3,689.000	3,711.000	3,734.000
14.250	3,756.000	3,778.000	3,800.000	3,821.000	3,843.000
14.500	3,864.000	3,885.000	3,904.000	3,924.000	3,943.000
14.750	3,963.000	3,982.000	4,000.000	4,019.000	4,037.000
15.000	4,056.000	4,074.000	4,092.000	4,109.000	4,127.000
15.250	4,144.000	4,161.000	4,177.000	4,194.000	4,210.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 1 years
Label: Pond 1D | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
15.500	4,226.000	4,242.000	4,258.000	4,273.000	4,288.000
15.750	4,302.000	4,315.000	4,329.000	4,342.000	4,356.000
16.000	4,368.000	4,381.000	4,394.000	4,406.000	4,418.000
16.250	4,430.000	4,442.000	4,454.000	4,466.000	4,478.000
16.500	4,490.000	4,501.000	4,513.000	4,524.000	4,535.000
16.750	4,546.000	4,558.000	4,569.000	4,579.000	4,590.000
17.000	4,601.000	4,611.000	4,622.000	4,632.000	4,642.000
17.250	4,653.000	4,663.000	4,673.000	4,682.000	4,692.000
17.500	4,702.000	4,711.000	4,720.000	4,729.000	4,737.000
17.750	4,746.000	4,754.000	4,763.000	4,771.000	4,779.000
18.000	4,787.000	4,795.000	4,803.000	4,810.000	4,818.000
18.250	4,826.000	4,834.000	4,841.000	4,849.000	4,857.000
18.500	4,864.000	4,872.000	4,879.000	4,887.000	4,894.000
18.750	4,902.000	4,909.000	4,917.000	4,924.000	4,931.000
19.000	4,939.000	4,946.000	4,953.000	4,960.000	4,968.000
19.250	4,975.000	4,982.000	4,989.000	4,996.000	5,003.000
19.500	5,010.000	5,017.000	5,024.000	5,031.000	5,038.000
19.750	5,045.000	5,052.000	5,058.000	5,065.000	5,072.000
20.000	5,079.000	5,085.000	5,092.000	5,099.000	5,105.000
20.250	5,112.000	5,118.000	5,125.000	5,131.000	5,138.000
20.500	5,144.000	5,151.000	5,157.000	5,164.000	5,170.000
20.750	5,176.000	5,182.000	5,188.000	5,194.000	5,200.000
21.000	5,206.000	5,211.000	5,217.000	5,223.000	5,229.000
21.250	5,235.000	5,241.000	5,246.000	5,252.000	5,258.000
21.500	5,264.000	5,269.000	5,275.000	5,281.000	5,286.000
21.750	5,292.000	5,297.000	5,303.000	5,308.000	5,314.000
22.000	5,319.000	5,325.000	5,330.000	5,336.000	5,341.000
22.250	5,346.000	5,352.000	5,357.000	5,362.000	5,368.000
22.500	5,373.000	5,378.000	5,383.000	5,388.000	5,393.000
22.750	5,399.000	5,404.000	5,409.000	5,414.000	5,419.000
23.000	5,424.000	5,429.000	5,434.000	5,439.000	5,443.000
23.250	5,448.000	5,453.000	5,458.000	5,463.000	5,467.000
23.500	5,472.000	5,477.000	5,482.000	5,486.000	5,491.000
23.750	5,495.000	5,500.000	5,505.000	5,509.000	5,514.000
24.000	5,518.000	5,522.000	5,523.000	5,524.000	5,524.000
24.250	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
24.500	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
24.750	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
25.000	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
25.250	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
25.500	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 1 years
Label: Pond 1D | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
25.750	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
26.000	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
26.250	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
26.500	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
26.750	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
27.000	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
27.250	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
27.500	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
27.750	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
28.000	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
28.250	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
28.500	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
28.750	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
29.000	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
29.250	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
29.500	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
29.750	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
30.000	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
30.250	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
30.500	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
30.750	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
31.000	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
31.250	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
31.500	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
31.750	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
32.000	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
32.250	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
32.500	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
32.750	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
33.000	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
33.250	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
33.500	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
33.750	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
34.000	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
34.250	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
34.500	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
34.750	5,524.000	5,524.000	5,524.000	5,524.000	5,524.000
35.000	5,524.000	(N/A)	(N/A)	(N/A)	(N/A)

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 10 years
Label: Pond 1D | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
2.000	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000
2.500	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
5.000	0.000	0.000	0.000	0.000	0.000
5.250	0.000	0.000	0.000	0.000	0.000
5.500	0.000	0.000	0.000	0.000	0.000
5.750	0.000	0.000	0.000	0.000	0.000
6.000	0.000	0.000	0.000	0.000	0.000
6.250	0.000	0.000	0.000	0.000	0.000
6.500	0.000	0.000	0.000	0.000	0.000
6.750	0.000	0.000	0.000	0.000	0.000
7.000	0.000	0.000	0.000	0.000	0.000
7.250	0.000	0.000	0.000	0.000	0.000
7.500	0.000	1.000	1.000	2.000	3.000
7.750	4.000	5.000	6.000	8.000	9.000
8.000	11.000	13.000	15.000	18.000	20.000
8.250	23.000	26.000	30.000	33.000	37.000
8.500	42.000	46.000	51.000	56.000	62.000
8.750	68.000	74.000	81.000	88.000	95.000
9.000	103.000	112.000	121.000	129.000	139.000
9.250	148.000	158.000	169.000	180.000	191.000
9.500	204.000	217.000	230.000	244.000	259.000
9.750	273.000	288.000	304.000	320.000	337.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume | Return Event: 10 years
Label: Pond 1D | Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
10.000	355.000	373.000	393.000	413.000	433.000
10.250	454.000	476.000	499.000	524.000	550.000
10.500	577.000	604.000	631.000	661.000	692.000
10.750	724.000	758.000	791.000	826.000	862.000
11.000	901.000	941.000	982.000	1,025.000	1,073.000
11.250	1,124.000	1,179.000	1,236.000	1,298.000	1,365.000
11.500	1,434.000	1,512.000	1,609.000	1,725.000	1,876.000
11.750	2,058.000	2,280.000	2,543.000	2,850.000	3,254.000
12.000	3,832.000	4,539.000	5,304.000	6,025.000	6,585.000
12.250	7,001.000	7,337.000	7,610.000	7,824.000	7,979.000
12.500	8,082.000	8,141.000	8,170.000	8,178.000	8,179.000
12.750	8,174.000	8,165.000	8,152.000	8,136.000	8,116.000
13.000	8,093.000	8,067.000	8,041.000	8,014.000	7,988.000
13.250	7,962.000	7,937.000	7,913.000	7,890.000	7,867.000
13.500	7,845.000	7,823.000	7,801.000	7,780.000	7,760.000
13.750	7,739.000	7,718.000	7,698.000	7,677.000	7,656.000
14.000	7,636.000	7,615.000	7,595.000	7,576.000	7,557.000
14.250	7,539.000	7,521.000	7,503.000	7,487.000	7,470.000
14.500	7,455.000	7,439.000	7,424.000	7,409.000	7,395.000
14.750	7,381.000	7,367.000	7,354.000	7,341.000	7,328.000
15.000	7,315.000	7,302.000	7,290.000	7,278.000	7,266.000
15.250	7,254.000	7,242.000	7,231.000	7,219.000	7,208.000
15.500	7,197.000	7,185.000	7,174.000	7,162.000	7,151.000
15.750	7,139.000	7,127.000	7,115.000	7,103.000	7,091.000
16.000	7,079.000	7,067.000	7,056.000	7,044.000	7,032.000
16.250	7,021.000	7,010.000	7,000.000	6,989.000	6,979.000
16.500	6,969.000	6,959.000	6,949.000	6,940.000	6,931.000
16.750	6,922.000	6,913.000	6,904.000	6,896.000	6,887.000
17.000	6,879.000	6,871.000	6,862.000	6,854.000	6,847.000
17.250	6,839.000	6,831.000	6,824.000	6,816.000	6,809.000
17.500	6,801.000	6,794.000	6,787.000	6,780.000	6,773.000
17.750	6,766.000	6,759.000	6,752.000	6,745.000	6,739.000
18.000	6,732.000	6,725.000	6,719.000	6,712.000	6,706.000
18.250	6,700.000	6,695.000	6,689.000	6,684.000	6,679.000
18.500	6,674.000	6,669.000	6,664.000	6,660.000	6,655.000
18.750	6,651.000	6,646.000	6,642.000	6,638.000	6,634.000
19.000	6,629.000	6,625.000	6,621.000	6,617.000	6,613.000
19.250	6,609.000	6,605.000	6,601.000	6,597.000	6,594.000
19.500	6,590.000	6,586.000	6,582.000	6,579.000	6,575.000
19.750	6,571.000	6,568.000	6,564.000	6,561.000	6,557.000
20.000	6,554.000	6,550.000	6,547.000	6,543.000	6,540.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 10 years
Label: Pond 1D
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
20.250	6,537.000	6,534.000	6,530.000	6,527.000	6,524.000
20.500	6,521.000	6,518.000	6,515.000	6,512.000	6,509.000
20.750	6,506.000	6,503.000	6,500.000	6,497.000	6,494.000
21.000	6,491.000	6,489.000	6,486.000	6,483.000	6,480.000
21.250	6,478.000	6,475.000	6,472.000	6,470.000	6,467.000
21.500	6,464.000	6,462.000	6,459.000	6,457.000	6,454.000
21.750	6,452.000	6,449.000	6,447.000	6,444.000	6,442.000
22.000	6,439.000	6,437.000	6,434.000	6,432.000	6,429.000
22.250	6,427.000	6,425.000	6,422.000	6,420.000	6,418.000
22.500	6,415.000	6,413.000	6,411.000	6,408.000	6,406.000
22.750	6,404.000	6,401.000	6,399.000	6,397.000	6,395.000
23.000	6,392.000	6,390.000	6,388.000	6,386.000	6,383.000
23.250	6,381.000	6,379.000	6,377.000	6,374.000	6,372.000
23.500	6,370.000	6,368.000	6,366.000	6,364.000	6,361.000
23.750	6,359.000	6,357.000	6,355.000	6,353.000	6,350.000
24.000	6,348.000	6,344.000	6,336.000	6,326.000	6,315.000
24.250	6,304.000	6,294.000	6,284.000	6,274.000	6,265.000
24.500	6,256.000	6,247.000	6,238.000	6,230.000	6,222.000
24.750	6,214.000	6,206.000	6,199.000	6,192.000	6,185.000
25.000	6,178.000	6,172.000	6,165.000	6,159.000	6,153.000
25.250	6,148.000	6,142.000	6,137.000	6,131.000	6,126.000
25.500	6,121.000	6,115.000	6,110.000	6,105.000	6,100.000
25.750	6,095.000	6,090.000	6,085.000	6,080.000	6,075.000
26.000	6,071.000	6,066.000	6,061.000	6,057.000	6,052.000
26.250	6,048.000	6,043.000	6,039.000	6,034.000	6,030.000
26.500	6,026.000	6,022.000	6,018.000	6,013.000	6,009.000
26.750	6,005.000	6,001.000	5,997.000	5,993.000	5,990.000
27.000	5,986.000	5,982.000	5,978.000	5,975.000	5,971.000
27.250	5,967.000	5,964.000	5,960.000	5,957.000	5,953.000
27.500	5,950.000	5,947.000	5,943.000	5,940.000	5,937.000
27.750	5,933.000	5,930.000	5,927.000	5,924.000	5,921.000
28.000	5,918.000	5,915.000	5,912.000	5,909.000	5,906.000
28.250	5,903.000	5,900.000	5,897.000	5,894.000	5,892.000
28.500	5,889.000	5,886.000	5,884.000	5,881.000	5,878.000
28.750	5,876.000	5,873.000	5,871.000	5,868.000	5,866.000
29.000	5,863.000	5,861.000	5,858.000	5,856.000	5,853.000
29.250	5,851.000	5,849.000	5,847.000	5,844.000	5,842.000
29.500	5,840.000	5,838.000	5,836.000	5,833.000	5,831.000
29.750	5,829.000	5,827.000	5,825.000	5,823.000	5,821.000
30.000	5,819.000	5,817.000	5,815.000	5,813.000	5,811.000
30.250	5,810.000	5,808.000	5,806.000	5,804.000	5,802.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 10 years
Label: Pond 1D
Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
30.500	5,801.000	5,799.000	5,797.000	5,795.000	5,794.000
30.750	5,792.000	5,790.000	5,789.000	5,787.000	5,785.000
31.000	5,784.000	5,782.000	5,781.000	5,779.000	5,778.000
31.250	5,776.000	5,775.000	5,773.000	5,772.000	5,770.000
31.500	5,769.000	5,767.000	5,766.000	5,765.000	5,763.000
31.750	5,762.000	5,761.000	5,759.000	5,758.000	5,757.000
32.000	5,755.000	5,754.000	5,753.000	5,752.000	5,750.000
32.250	5,749.000	5,748.000	5,747.000	5,746.000	5,745.000
32.500	5,743.000	5,742.000	5,741.000	5,740.000	5,739.000
32.750	5,738.000	5,737.000	5,736.000	5,735.000	5,734.000
33.000	5,733.000	5,732.000	5,731.000	5,730.000	5,729.000
33.250	5,728.000	5,727.000	5,726.000	5,725.000	5,724.000
33.500	5,723.000	5,722.000	5,721.000	5,720.000	5,719.000
33.750	5,718.000	5,718.000	5,717.000	5,716.000	5,715.000
34.000	5,714.000	5,713.000	5,713.000	5,712.000	5,711.000
34.250	5,710.000	5,709.000	5,709.000	5,708.000	5,707.000
34.500	5,706.000	5,706.000	5,705.000	5,704.000	5,703.000
34.750	5,703.000	5,702.000	5,701.000	5,701.000	5,700.000
35.000	5,699.000	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Time vs. Volume
Return Event: 100 years
Label: Pond 1D
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
0.000	0.000	0.000	0.000	0.000	0.000
0.250	0.000	0.000	0.000	0.000	0.000
0.500	0.000	0.000	0.000	0.000	0.000
0.750	0.000	0.000	0.000	0.000	0.000
1.000	0.000	0.000	0.000	0.000	0.000
1.250	0.000	0.000	0.000	0.000	0.000
1.500	0.000	0.000	0.000	0.000	0.000
1.750	0.000	0.000	0.000	0.000	0.000
2.000	0.000	0.000	0.000	0.000	0.000
2.250	0.000	0.000	0.000	0.000	0.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 100 years
Label: Pond 1D
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
2.500	0.000	0.000	0.000	0.000	0.000
2.750	0.000	0.000	0.000	0.000	0.000
3.000	0.000	0.000	0.000	0.000	0.000
3.250	0.000	0.000	0.000	0.000	0.000
3.500	0.000	0.000	0.000	0.000	0.000
3.750	0.000	0.000	0.000	0.000	0.000
4.000	0.000	0.000	0.000	0.000	0.000
4.250	0.000	0.000	0.000	0.000	0.000
4.500	0.000	0.000	0.000	0.000	0.000
4.750	0.000	0.000	0.000	0.000	0.000
5.000	1.000	1.000	2.000	3.000	4.000
5.250	5.000	7.000	8.000	10.000	12.000
5.500	14.000	17.000	19.000	22.000	25.000
5.750	28.000	32.000	35.000	39.000	43.000
6.000	47.000	52.000	57.000	62.000	67.000
6.250	72.000	78.000	84.000	91.000	98.000
6.500	105.000	113.000	121.000	128.000	136.000
6.750	145.000	154.000	163.000	172.000	182.000
7.000	193.000	204.000	215.000	227.000	240.000
7.250	253.000	266.000	278.000	292.000	306.000
7.500	320.000	335.000	351.000	367.000	384.000
7.750	402.000	419.000	437.000	455.000	474.000
8.000	493.000	513.000	534.000	556.000	579.000
8.250	601.000	624.000	649.000	675.000	701.000
8.500	729.000	758.000	787.000	816.000	847.000
8.750	880.000	914.000	949.000	983.000	1,019.000
9.000	1,056.000	1,095.000	1,135.000	1,176.000	1,217.000
9.250	1,260.000	1,304.000	1,351.000	1,397.000	1,444.000
9.500	1,493.000	1,543.000	1,596.000	1,649.000	1,702.000
9.750	1,757.000	1,814.000	1,873.000	1,932.000	1,992.000
10.000	2,054.000	2,118.000	2,184.000	2,250.000	2,319.000
10.250	2,392.000	2,467.000	2,542.000	2,620.000	2,702.000
10.500	2,788.000	2,872.000	2,960.000	3,052.000	3,147.000
10.750	3,242.000	3,340.000	3,443.000	3,548.000	3,653.000
11.000	3,764.000	3,879.000	3,996.000	4,121.000	4,256.000
11.250	4,396.000	4,546.000	4,708.000	4,873.000	5,051.000
11.500	5,239.000	5,447.000	5,696.000	5,998.000	6,370.000
11.750	6,814.000	7,322.000	7,889.000	8,508.000	9,282.000
12.000	10,342.000	11,554.000	12,722.000	13,652.000	14,156.000
12.250	14,343.000	14,378.000	14,314.000	14,166.000	13,947.000
12.500	13,666.000	13,338.000	12,993.000	12,647.000	12,325.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 100 years
Label: Pond 1D
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
12.750	12,027.000	11,750.000	11,497.000	11,258.000	11,036.000
13.000	10,830.000	10,635.000	10,454.000	10,288.000	10,137.000
13.250	9,995.000	9,865.000	9,747.000	9,638.000	9,538.000
13.500	9,443.000	9,354.000	9,271.000	9,194.000	9,121.000
13.750	9,053.000	8,989.000	8,928.000	8,870.000	8,813.000
14.000	8,759.000	8,707.000	8,657.000	8,611.000	8,567.000
14.250	8,525.000	8,486.000	8,449.000	8,414.000	8,381.000
14.500	8,350.000	8,320.000	8,290.000	8,261.000	8,234.000
14.750	8,207.000	8,180.000	8,155.000	8,130.000	8,106.000
15.000	8,082.000	8,059.000	8,037.000	8,015.000	7,993.000
15.250	7,972.000	7,951.000	7,930.000	7,910.000	7,890.000
15.500	7,870.000	7,851.000	7,831.000	7,812.000	7,794.000
15.750	7,775.000	7,756.000	7,738.000	7,719.000	7,700.000
16.000	7,681.000	7,662.000	7,643.000	7,625.000	7,607.000
16.250	7,590.000	7,573.000	7,557.000	7,542.000	7,526.000
16.500	7,512.000	7,497.000	7,483.000	7,469.000	7,456.000
16.750	7,443.000	7,430.000	7,417.000	7,405.000	7,393.000
17.000	7,381.000	7,370.000	7,358.000	7,347.000	7,336.000
17.250	7,325.000	7,314.000	7,303.000	7,293.000	7,282.000
17.500	7,272.000	7,262.000	7,252.000	7,242.000	7,232.000
17.750	7,222.000	7,213.000	7,203.000	7,193.000	7,184.000
18.000	7,174.000	7,164.000	7,154.000	7,144.000	7,135.000
18.250	7,126.000	7,117.000	7,108.000	7,100.000	7,092.000
18.500	7,084.000	7,076.000	7,069.000	7,062.000	7,055.000
18.750	7,048.000	7,041.000	7,034.000	7,028.000	7,021.000
19.000	7,015.000	7,009.000	7,003.000	6,997.000	6,992.000
19.250	6,986.000	6,980.000	6,975.000	6,970.000	6,965.000
19.500	6,959.000	6,954.000	6,949.000	6,944.000	6,940.000
19.750	6,935.000	6,930.000	6,925.000	6,921.000	6,916.000
20.000	6,912.000	6,907.000	6,903.000	6,898.000	6,894.000
20.250	6,890.000	6,886.000	6,882.000	6,878.000	6,874.000
20.500	6,870.000	6,867.000	6,863.000	6,859.000	6,856.000
20.750	6,852.000	6,849.000	6,845.000	6,842.000	6,838.000
21.000	6,835.000	6,832.000	6,828.000	6,825.000	6,822.000
21.250	6,819.000	6,816.000	6,813.000	6,809.000	6,806.000
21.500	6,803.000	6,800.000	6,797.000	6,794.000	6,791.000
21.750	6,788.000	6,785.000	6,782.000	6,780.000	6,777.000
22.000	6,774.000	6,771.000	6,768.000	6,765.000	6,762.000
22.250	6,760.000	6,757.000	6,754.000	6,751.000	6,748.000
22.500	6,746.000	6,743.000	6,740.000	6,737.000	6,735.000
22.750	6,732.000	6,729.000	6,726.000	6,724.000	6,721.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume
Return Event: 100 years
Label: Pond 1D
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
23.000	6,718.000	6,716.000	6,713.000	6,710.000	6,708.000
23.250	6,705.000	6,702.000	6,700.000	6,697.000	6,694.000
23.500	6,692.000	6,689.000	6,686.000	6,684.000	6,681.000
23.750	6,678.000	6,676.000	6,673.000	6,671.000	6,668.000
24.000	6,665.000	6,659.000	6,645.000	6,626.000	6,606.000
24.250	6,586.000	6,567.000	6,548.000	6,530.000	6,513.000
24.500	6,496.000	6,479.000	6,464.000	6,448.000	6,433.000
24.750	6,419.000	6,405.000	6,391.000	6,378.000	6,366.000
25.000	6,353.000	6,341.000	6,330.000	6,319.000	6,308.000
25.250	6,297.000	6,287.000	6,277.000	6,268.000	6,258.000
25.500	6,249.000	6,241.000	6,232.000	6,224.000	6,216.000
25.750	6,209.000	6,201.000	6,194.000	6,187.000	6,180.000
26.000	6,174.000	6,167.000	6,161.000	6,155.000	6,150.000
26.250	6,144.000	6,138.000	6,133.000	6,128.000	6,122.000
26.500	6,117.000	6,112.000	6,107.000	6,102.000	6,097.000
26.750	6,092.000	6,087.000	6,082.000	6,077.000	6,072.000
27.000	6,067.000	6,063.000	6,058.000	6,054.000	6,049.000
27.250	6,045.000	6,040.000	6,036.000	6,031.000	6,027.000
27.500	6,023.000	6,019.000	6,015.000	6,011.000	6,007.000
27.750	6,003.000	5,999.000	5,995.000	5,991.000	5,987.000
28.000	5,983.000	5,979.000	5,976.000	5,972.000	5,968.000
28.250	5,965.000	5,961.000	5,958.000	5,954.000	5,951.000
28.500	5,948.000	5,944.000	5,941.000	5,938.000	5,934.000
28.750	5,931.000	5,928.000	5,925.000	5,922.000	5,919.000
29.000	5,916.000	5,913.000	5,910.000	5,907.000	5,904.000
29.250	5,901.000	5,898.000	5,895.000	5,893.000	5,890.000
29.500	5,887.000	5,884.000	5,882.000	5,879.000	5,876.000
29.750	5,874.000	5,871.000	5,869.000	5,866.000	5,864.000
30.000	5,861.000	5,859.000	5,857.000	5,854.000	5,852.000
30.250	5,850.000	5,847.000	5,845.000	5,843.000	5,841.000
30.500	5,838.000	5,836.000	5,834.000	5,832.000	5,830.000
30.750	5,828.000	5,826.000	5,824.000	5,822.000	5,820.000
31.000	5,818.000	5,816.000	5,814.000	5,812.000	5,810.000
31.250	5,808.000	5,806.000	5,805.000	5,803.000	5,801.000
31.500	5,799.000	5,798.000	5,796.000	5,794.000	5,792.000
31.750	5,791.000	5,789.000	5,788.000	5,786.000	5,784.000
32.000	5,783.000	5,781.000	5,780.000	5,778.000	5,777.000
32.250	5,775.000	5,774.000	5,772.000	5,771.000	5,769.000
32.500	5,768.000	5,766.000	5,765.000	5,764.000	5,762.000
32.750	5,761.000	5,760.000	5,758.000	5,757.000	5,756.000
33.000	5,755.000	5,753.000	5,752.000	5,751.000	5,750.000

Proposed Hydrologic Calculations

Subsection: Time vs. Volume — Return Event: 100 years
Label: Pond 1D — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Time vs. Volume (ft³)

Output Time increment = 0.050 hours
Time on left represents time for first value in each row.

Time (hours)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)	Volume (ft³)
33.250	5,748.000	5,747.000	5,746.000	5,745.000	5,744.000
33.500	5,743.000	5,741.000	5,740.000	5,739.000	5,738.000
33.750	5,737.000	5,736.000	5,735.000	5,734.000	5,733.000
34.000	5,732.000	5,731.000	5,730.000	5,729.000	5,728.000
34.250	5,727.000	5,726.000	5,725.000	5,724.000	5,723.000
34.500	5,722.000	5,721.000	5,720.000	5,720.000	5,719.000
34.750	5,718.000	5,717.000	5,716.000	5,715.000	5,714.000
35.000	5,714.000	(N/A)	(N/A)	(N/A)	(N/A)

Subsection: Elevation-Area Volume Curve — Return Event: 1 years
Label: BASIN 1A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
358.00	0.0	0.190	0.000	0.000	0.000
360.00	0.0	0.259	0.671	19,495.000	19,495.000
362.00	0.0	0.337	0.892	25,890.000	45,385.000
364.00	0.0	0.422	1.136	32,989.000	78,373.000

Subsection: Elevation-Area Volume Curve — Return Event: 10 years
Label: BASIN 1A — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
358.00	0.0	0.190	0.000	0.000	0.000
360.00	0.0	0.259	0.671	19,495.000	19,495.000
362.00	0.0	0.337	0.892	25,890.000	45,385.000
364.00	0.0	0.422	1.136	32,989.000	78,373.000

Subsection: Elevation-Area Volume Curve — Return Event: 100 years
Label: BASIN 1A — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
358.00	0.0	0.190	0.000	0.000	0.000

Proposed Hydrologic Calculations

Subsection: Elevation-Area Volume Curve — Return Event: 100 years
Label: BASIN 1A — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
360.00	0.0	0.259	0.671	19,495.000	19,495.000
362.00	0.0	0.337	0.892	25,890.000	45,385.000
364.00	0.0	0.422	1.136	32,989.000	78,373.000

Subsection: Elevation-Area Volume Curve — Return Event: 1 years
Label: BASIN 1B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
343.00	0.0	0.326	0.000	0.000	0.000
344.00	0.0	0.362	1.031	14,973.000	14,973.000
346.00	0.0	0.438	1.199	34,817.000	49,790.000
348.00	0.0	0.520	1.436	41,705.000	91,495.000

Subsection: Elevation-Area Volume Curve — Return Event: 10 years
Label: BASIN 1B — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
343.00	0.0	0.326	0.000	0.000	0.000
344.00	0.0	0.362	1.031	14,973.000	14,973.000
346.00	0.0	0.438	1.199	34,817.000	49,790.000
348.00	0.0	0.520	1.436	41,705.000	91,495.000

Subsection: Elevation-Area Volume Curve — Return Event: 100 years
Label: BASIN 1B — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
343.00	0.0	0.326	0.000	0.000	0.000
344.00	0.0	0.362	1.031	14,973.000	14,973.000
346.00	0.0	0.438	1.199	34,817.000	49,790.000
348.00	0.0	0.520	1.436	41,705.000	91,495.000

Subsection: Elevation-Area Volume Curve — Return Event: 1 years
Label: Pond 1D — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Proposed Hydrologic Calculations

Subsection: Elevation-Area Volume Curve — Return Event: 1 years
Label: Pond 1D — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
314.00	0.0	0.027	0.000	0.000	0.000
316.00	0.0	0.112	0.194	5,638.000	5,638.000
318.00	0.0	0.207	0.473	13,724.000	19,362.000

Subsection: Elevation-Area Volume Curve — Return Event: 10 years
Label: Pond 1D — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
314.00	0.0	0.027	0.000	0.000	0.000
316.00	0.0	0.112	0.194	5,638.000	5,638.000
318.00	0.0	0.207	0.473	13,724.000	19,362.000

Subsection: Elevation-Area Volume Curve — Return Event: 100 years
Label: Pond 1D — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Elevation (ft)	Planimeter (ft²)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ft³)	Volume (Total) (ft³)
314.00	0.0	0.027	0.000	0.000	0.000
316.00	0.0	0.112	0.194	5,638.000	5,638.000
318.00	0.0	0.207	0.473	13,724.000	19,362.000

Subsection: Outlet Input Data — Return Event: 1 years
Label: OCS 1A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Requested Pond Water Surface Elevations	
Minimum (Headwater)	358.00 ft
Increment (Headwater)	0.10 ft
Maximum (Headwater)	364.00 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Orifice-Circular	Orifice - 1	Forward	TW	358.75	364.00
Rectangular Weir	Weir - 1	Forward	TW	362.20	364.00
Tailwater Settings	Tailwater			(N/A)	(N/A)

Structure ID: Orifice - 1

Proposed Hydrologic Calculations

Subsection: Outlet Input Data — Return Event: 1 years
Label: OCS 1A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Structure Type: Orifice-Circular

Number of Openings	1
Elevation	358.75 ft
Orifice Diameter	3.0 in
Orifice Coefficient	0.600

Structure ID: Weir - 1
Structure Type: Rectangular Weir

Number of Openings	1
Elevation	362.20 ft
Weir Length	4.00 ft
Weir Coefficient	3.00 (ft^0.5)/s

Structure ID: TW
Structure Type: TW Setup, DS Channel

Tailwater Type	Free Outfall

Convergence Tolerances

Maximum Iterations	40
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

Subsection: Composite Rating Curve — Return Event: 1 years
Label: OCS 1A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)
358.00	0.00	(N/A)	0.00
358.10	0.00	(N/A)	0.00
358.20	0.00	(N/A)	0.00
358.30	0.00	(N/A)	0.00
358.40	0.00	(N/A)	0.00
358.50	0.00	(N/A)	0.00

Proposed Hydrologic Calculations

Subsection: Composite Rating Curve
Return Event: 1 years
Label: OCS 1A
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)
358.60	0.00	(N/A)	0.00
358.70	0.00	(N/A)	0.00
358.75	0.00	(N/A)	0.00
358.80	0.00	(N/A)	0.00
358.90	0.03	(N/A)	0.00
359.00	0.08	(N/A)	0.00
359.10	0.11	(N/A)	0.00
359.20	0.13	(N/A)	0.00
359.30	0.15	(N/A)	0.00
359.40	0.17	(N/A)	0.00
359.50	0.19	(N/A)	0.00
359.60	0.20	(N/A)	0.00
359.70	0.21	(N/A)	0.00
359.80	0.23	(N/A)	0.00
359.90	0.24	(N/A)	0.00
360.00	0.25	(N/A)	0.00
360.10	0.26	(N/A)	0.00
360.20	0.27	(N/A)	0.00
360.30	0.28	(N/A)	0.00
360.40	0.29	(N/A)	0.00
360.50	0.30	(N/A)	0.00
360.60	0.31	(N/A)	0.00
360.70	0.32	(N/A)	0.00
360.80	0.33	(N/A)	0.00
360.90	0.34	(N/A)	0.00
361.00	0.34	(N/A)	0.00
361.10	0.35	(N/A)	0.00
361.20	0.36	(N/A)	0.00
361.30	0.37	(N/A)	0.00
361.40	0.38	(N/A)	0.00
361.50	0.38	(N/A)	0.00
361.60	0.39	(N/A)	0.00
361.70	0.40	(N/A)	0.00
361.80	0.40	(N/A)	0.00
361.90	0.41	(N/A)	0.00
362.00	0.42	(N/A)	0.00
362.10	0.42	(N/A)	0.00
362.20	0.43	(N/A)	0.00
362.30	0.82	(N/A)	0.00
362.40	1.52	(N/A)	0.00
362.50	2.42	(N/A)	0.00
362.60	3.49	(N/A)	0.00

Proposed Hydrologic Calculations

Subsection: Composite Rating Curve
Return Event: 1 years
Label: OCS 1A
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)
362.70	4.70	(N/A)	0.00
362.80	6.05	(N/A)	0.00
362.90	7.50	(N/A)	0.00
363.00	9.07	(N/A)	0.00
363.10	10.73	(N/A)	0.00
363.20	12.49	(N/A)	0.00
363.30	14.34	(N/A)	0.00
363.40	16.28	(N/A)	0.00
363.50	18.29	(N/A)	0.00
363.60	20.39	(N/A)	0.00
363.70	22.56	(N/A)	0.00
363.80	24.81	(N/A)	0.00
363.90	27.13	(N/A)	0.00
364.00	29.51	(N/A)	0.00

Contributing Structures
None Contributing
None Contributing
None Contributing
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None Contributing
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Orifice - 1
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Proposed Hydrologic Calculations

Subsection: Composite Rating Curve | Return Event: 1 years
Label: OCS 1A | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Contributing Structures
Orifice - 1
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Subsection: Outlet Input Data | Return Event: 1 years
Label: OCS 1B | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Requested Pond Water Surface Elevations	
Minimum (Headwater)	343.00 ft
Increment (Headwater)	0.10 ft
Maximum (Headwater)	348.00 ft

Proposed Hydrologic Calculations

Subsection: Outlet Input Data — Return Event: 1 years
Label: OCS 1B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Orifice-Circular	Orifice - 1	Forward	TW	343.60	348.00
Tailwater Settings	Tailwater			(N/A)	(N/A)

Structure ID: Orifice - 1
Structure Type: Orifice-Circular

Number of Openings	1
Elevation	343.60 ft
Orifice Diameter	8.0 in
Orifice Coefficient	0.600

Structure ID: TW
Structure Type: TW Setup, DS Channel

Tailwater Type	Free Outfall

Convergence Tolerances

Maximum Iterations	40
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

Subsection: Composite Rating Curve — Return Event: 1 years
Label: OCS 1B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)
343.00	0.00	(N/A)	0.00
343.10	0.00	(N/A)	0.00
343.20	0.00	(N/A)	0.00
343.30	0.00	(N/A)	0.00
343.40	0.00	(N/A)	0.00
343.50	0.00	(N/A)	0.00

Proposed Hydrologic Calculations

Subsection: Composite Rating Curve
Return Event: 1 years
Label: OCS 1B
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)
343.60	0.00	(N/A)	0.00
343.70	0.03	(N/A)	0.00
343.80	0.11	(N/A)	0.00
343.90	0.23	(N/A)	0.00
344.00	0.39	(N/A)	0.00
344.10	0.58	(N/A)	0.00
344.20	0.79	(N/A)	0.00
344.30	1.02	(N/A)	0.00
344.40	1.15	(N/A)	0.00
344.50	1.26	(N/A)	0.00
344.60	1.37	(N/A)	0.00
344.70	1.47	(N/A)	0.00
344.80	1.56	(N/A)	0.00
344.90	1.65	(N/A)	0.00
345.00	1.74	(N/A)	0.00
345.10	1.81	(N/A)	0.00
345.20	1.89	(N/A)	0.00
345.30	1.96	(N/A)	0.00
345.40	2.03	(N/A)	0.00
345.50	2.10	(N/A)	0.00
345.60	2.17	(N/A)	0.00
345.70	2.23	(N/A)	0.00
345.80	2.30	(N/A)	0.00
345.90	2.36	(N/A)	0.00
346.00	2.42	(N/A)	0.00
346.10	2.47	(N/A)	0.00
346.20	2.53	(N/A)	0.00
346.30	2.58	(N/A)	0.00
346.40	2.64	(N/A)	0.00
346.50	2.69	(N/A)	0.00
346.60	2.74	(N/A)	0.00
346.70	2.79	(N/A)	0.00
346.80	2.84	(N/A)	0.00
346.90	2.89	(N/A)	0.00
347.00	2.94	(N/A)	0.00
347.10	2.99	(N/A)	0.00
347.20	3.04	(N/A)	0.00
347.30	3.08	(N/A)	0.00
347.40	3.13	(N/A)	0.00
347.50	3.17	(N/A)	0.00
347.60	3.22	(N/A)	0.00
347.70	3.26	(N/A)	0.00

Proposed Hydrologic Calculations

Subsection: Composite Rating Curve | Return Event: 1 years

Label: OCS 1B | Storm Event: TypeIII 24hr (2.8 in)

Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)
347.80	3.30	(N/A)	0.00
347.90	3.35	(N/A)	0.00
348.00	3.39	(N/A)	0.00

Contributing Structures
None Contributing
None Contributing
None Contributing
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None Contributing
Orifice - 1
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Proposed Hydrologic Calculations

Subsection: Composite Rating Curve — Return Event: 1 years
Label: OCS 1B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Contributing Structures
Orifice - 1
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Subsection: Outlet Input Data — Return Event: 1 years
Label: Pipe 1D — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Requested Pond Water Surface Elevations	
Minimum (Headwater)	314.00 ft
Increment (Headwater)	0.10 ft
Maximum (Headwater)	318.00 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Culvert-Circular	Pipe 1D	Forward	TW	316.00	318.00
Tailwater Settings	Tailwater			(N/A)	(N/A)

Structure ID: Pipe 1D Structure Type: Culvert-Circular	
Number of Barrels	1
Diameter	15.0 in
Length	10.00 ft
Length (Computed Barrel)	10.08 ft
Slope (Computed)	0.125 ft/ft

Outlet Control Data	
Manning's n	0.012
Ke	0.500
Kb	0.020
Kr	0.000

Proposed Hydrologic Calculations

Subsection: Outlet Input Data | Return Event: 1 years
Label: Pipe 1D | Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Outlet Control Data	
Convergence Tolerance	0.00 ft

Inlet Control Data	
Equation Form	Form 1
K	0.0078
M	2.0000
C	0.0379
Y	0.6900
T1 ratio (HW/D)	1.073
T2 ratio (HW/D)	1.234
Slope Correction Factor	-0.500

Use unsubmerged inlet control 0 equation below T1 elevation.
Use submerged inlet control 0 equation above T2 elevation

In transition zone between unsubmerged and submerged inlet control,
interpolate between flows at T1 & T2...

T1 Elevation	317.34 ft	T1 Flow	4.80 ft³/s
T2 Elevation	317.54 ft	T2 Flow	5.49 ft³/s

Subsection: Outlet Input Data — Return Event: 1 years
Label: Pipe 1D — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Structure ID: TW
Structure Type: TW Setup, DS Channel

Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	40
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

Subsection: Composite Rating Curve — Return Event: 1 years
Label: Pipe 1D — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)
314.00	0.00	(N/A)	0.00
314.10	0.00	(N/A)	0.00
314.20	0.00	(N/A)	0.00
314.30	0.00	(N/A)	0.00
314.40	0.00	(N/A)	0.00
314.50	0.00	(N/A)	0.00
314.60	0.00	(N/A)	0.00
314.70	0.00	(N/A)	0.00
314.80	0.00	(N/A)	0.00
314.90	0.00	(N/A)	0.00
315.00	0.00	(N/A)	0.00
315.10	0.00	(N/A)	0.00
315.20	0.00	(N/A)	0.00
315.30	0.00	(N/A)	0.00
315.40	0.00	(N/A)	0.00
315.50	0.00	(N/A)	0.00
315.60	0.00	(N/A)	0.00
315.70	0.00	(N/A)	0.00
315.80	0.00	(N/A)	0.00
315.90	0.00	(N/A)	0.00

Proposed Hydrologic Calculations

Subsection: Composite Rating Curve
Return Event: 1 years
Label: Pipe 1D
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)
316.00	0.00	(N/A)	0.00
316.10	0.03	(N/A)	0.00
316.20	0.12	(N/A)	0.00
316.30	0.26	(N/A)	0.00
316.40	0.46	(N/A)	0.00
316.50	0.69	(N/A)	0.00
316.60	0.98	(N/A)	0.00
316.70	1.30	(N/A)	0.00
316.80	1.66	(N/A)	0.00
316.90	2.05	(N/A)	0.00
317.00	2.47	(N/A)	0.00
317.10	2.90	(N/A)	0.00
317.20	3.36	(N/A)	0.00
317.30	3.82	(N/A)	0.00
317.40	4.30	(N/A)	0.00
317.50	4.77	(N/A)	0.00
317.60	5.25	(N/A)	0.00
317.70	5.71	(N/A)	0.00
317.80	6.17	(N/A)	0.00
317.90	6.62	(N/A)	0.00
318.00	6.95	(N/A)	0.00

Contributing Structures
None Contributing
None Contributing
None Contributing
None Contributing
None Contributing
None Contributing
None Contributing
None Contributing
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Proposed Hydrologic Calculations

Subsection: Composite Rating Curve — Return Event: 1 years
Label: Pipe 1D — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Composite Outflow Summary

Contributing Structures
None Contributing
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Subsection: Elevation-Volume-Flow Table (Pond) — Return Event: 1 years
Label: BASIN 1A — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.96 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	358.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)

Proposed Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 1 years
Label: BASIN 1A Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
358.00	0.00	0.000	0.190	0.00	0.00	0.00
358.10	0.00	835.350	0.193	0.96	0.96	10.24
358.20	0.00	1,684.676	0.197	0.96	0.96	19.68
358.30	0.00	2,548.094	0.200	0.96	0.96	29.27
358.40	0.00	3,425.721	0.203	0.96	0.96	39.02
358.50	0.00	4,317.671	0.206	0.96	0.96	48.93
358.60	0.00	5,224.063	0.210	0.96	0.96	59.01
358.70	0.00	6,145.010	0.213	0.96	0.96	69.24
358.75	0.00	6,610.978	0.215	0.96	0.96	74.42
358.80	0.00	7,080.629	0.216	0.96	0.96	79.64
358.90	0.03	8,031.037	0.220	0.96	0.99	90.23
359.00	0.08	8,996.349	0.223	0.96	1.04	101.00
359.10	0.11	9,976.680	0.227	0.96	1.07	111.92
359.20	0.13	10,972.148	0.230	0.96	1.09	123.01
359.30	0.15	11,982.867	0.234	0.96	1.11	134.26
359.40	0.17	13,008.955	0.237	0.96	1.13	145.68
359.50	0.19	14,050.526	0.241	0.96	1.15	157.26
359.60	0.20	15,107.697	0.244	0.96	1.16	169.02
359.70	0.21	16,180.584	0.248	0.96	1.17	180.96
359.80	0.23	17,269.302	0.252	0.96	1.19	193.07
359.90	0.24	18,373.968	0.255	0.96	1.20	205.35
360.00	0.25	19,494.697	0.259	0.96	1.21	217.82
360.10	0.26	20,631.431	0.263	0.96	1.22	230.46
360.20	0.27	21,784.105	0.266	0.96	1.23	243.28
360.30	0.28	22,952.832	0.270	0.96	1.24	256.27
360.40	0.29	24,137.722	0.274	0.96	1.25	269.45
360.50	0.30	25,338.885	0.278	0.96	1.26	282.80
360.60	0.31	26,556.434	0.281	0.96	1.27	296.34
360.70	0.32	27,790.478	0.285	0.96	1.28	310.06
360.80	0.33	29,041.130	0.289	0.96	1.29	323.97
360.90	0.34	30,308.499	0.293	0.96	1.30	338.06
361.00	0.34	31,592.698	0.297	0.96	1.30	352.33
361.10	0.35	32,893.837	0.301	0.96	1.31	366.80
361.20	0.36	34,212.026	0.305	0.96	1.32	381.45
361.30	0.37	35,547.378	0.309	0.96	1.33	396.30
361.40	0.38	36,900.002	0.313	0.96	1.34	411.34
361.50	0.38	38,270.011	0.317	0.96	1.34	426.57
361.60	0.39	39,657.515	0.321	0.96	1.35	441.99
361.70	0.40	41,062.624	0.325	0.96	1.36	457.61
361.80	0.40	42,485.451	0.329	0.96	1.36	473.42
361.90	0.41	43,926.105	0.333	0.96	1.37	489.44
362.00	0.42	45,384.699	0.337	0.96	1.38	505.65
362.10	0.42	46,861.060	0.341	0.96	1.38	522.06

Proposed Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 1 years
Label: BASIN 1A Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
362.20	0.43	48,355.014	0.345	0.96	1.39	538.67
362.30	0.82	49,866.664	0.349	0.96	1.78	555.85
362.40	1.52	51,396.114	0.353	0.96	2.48	573.54
362.50	2.42	52,943.470	0.357	0.96	3.38	591.64
362.60	3.49	54,508.835	0.361	0.96	4.45	610.11
362.70	4.70	56,092.312	0.366	0.96	5.66	628.91
362.80	6.05	57,694.008	0.370	0.96	7.01	648.05
362.90	7.50	59,314.024	0.374	0.96	8.46	667.51
363.00	9.07	60,952.467	0.378	0.96	10.03	687.28
363.10	10.73	62,609.440	0.383	0.96	11.69	707.35
363.20	12.49	64,285.047	0.387	0.96	13.45	727.73
363.30	14.34	65,979.392	0.391	0.96	15.30	748.41
363.40	16.28	67,692.580	0.395	0.96	17.24	769.38
363.50	18.29	69,424.714	0.400	0.96	19.25	790.64
363.60	20.39	71,175.900	0.404	0.96	21.35	812.19
363.70	22.56	72,946.240	0.409	0.96	23.52	834.04
363.80	24.81	74,735.841	0.413	0.96	25.77	856.17
363.90	27.13	76,544.804	0.418	0.96	28.09	878.59
364.00	29.51	78,373.236	0.422	0.96	30.47	901.29

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 10 years
Label: BASIN 1A Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.96 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	358.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)

Proposed Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 10 years
Label: BASIN 1A Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
358.00	0.00	0.000	0.190	0.00	0.00	0.00
358.10	0.00	835.350	0.193	0.96	0.96	10.24
358.20	0.00	1,684.676	0.197	0.96	0.96	19.68
358.30	0.00	2,548.094	0.200	0.96	0.96	29.27
358.40	0.00	3,425.721	0.203	0.96	0.96	39.02
358.50	0.00	4,317.671	0.206	0.96	0.96	48.93
358.60	0.00	5,224.063	0.210	0.96	0.96	59.01
358.70	0.00	6,145.010	0.213	0.96	0.96	69.24
358.75	0.00	6,610.978	0.215	0.96	0.96	74.42
358.80	0.00	7,080.629	0.216	0.96	0.96	79.64
358.90	0.03	8,031.037	0.220	0.96	0.99	90.23
359.00	0.08	8,996.349	0.223	0.96	1.04	101.00
359.10	0.11	9,976.680	0.227	0.96	1.07	111.92
359.20	0.13	10,972.148	0.230	0.96	1.09	123.01
359.30	0.15	11,982.867	0.234	0.96	1.11	134.26
359.40	0.17	13,008.955	0.237	0.96	1.13	145.68
359.50	0.19	14,050.526	0.241	0.96	1.15	157.26
359.60	0.20	15,107.697	0.244	0.96	1.16	169.02
359.70	0.21	16,180.584	0.248	0.96	1.17	180.96
359.80	0.23	17,269.302	0.252	0.96	1.19	193.07
359.90	0.24	18,373.968	0.255	0.96	1.20	205.35
360.00	0.25	19,494.697	0.259	0.96	1.21	217.82
360.10	0.26	20,631.431	0.263	0.96	1.22	230.46
360.20	0.27	21,784.105	0.266	0.96	1.23	243.28
360.30	0.28	22,952.832	0.270	0.96	1.24	256.27
360.40	0.29	24,137.722	0.274	0.96	1.25	269.45
360.50	0.30	25,338.885	0.278	0.96	1.26	282.80
360.60	0.31	26,556.434	0.281	0.96	1.27	296.34
360.70	0.32	27,790.478	0.285	0.96	1.28	310.06
360.80	0.33	29,041.130	0.289	0.96	1.29	323.97
360.90	0.34	30,308.499	0.293	0.96	1.30	338.06
361.00	0.34	31,592.698	0.297	0.96	1.30	352.33
361.10	0.35	32,893.837	0.301	0.96	1.31	366.80
361.20	0.36	34,212.026	0.305	0.96	1.32	381.45
361.30	0.37	35,547.378	0.309	0.96	1.33	396.30
361.40	0.38	36,900.002	0.313	0.96	1.34	411.34
361.50	0.38	38,270.011	0.317	0.96	1.34	426.57
361.60	0.39	39,657.515	0.321	0.96	1.35	441.99
361.70	0.40	41,062.624	0.325	0.96	1.36	457.61
361.80	0.40	42,485.451	0.329	0.96	1.36	473.42
361.90	0.41	43,926.105	0.333	0.96	1.37	489.44
362.00	0.42	45,384.699	0.337	0.96	1.38	505.65
362.10	0.42	46,861.060	0.341	0.96	1.38	522.06

Proposed Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 10 years
Label: BASIN 1A Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
362.20	0.43	48,355.014	0.345	0.96	1.39	538.67
362.30	0.82	49,866.664	0.349	0.96	1.78	555.85
362.40	1.52	51,396.114	0.353	0.96	2.48	573.54
362.50	2.42	52,943.470	0.357	0.96	3.38	591.64
362.60	3.49	54,508.835	0.361	0.96	4.45	610.11
362.70	4.70	56,092.312	0.366	0.96	5.66	628.91
362.80	6.05	57,694.008	0.370	0.96	7.01	648.05
362.90	7.50	59,314.024	0.374	0.96	8.46	667.51
363.00	9.07	60,952.467	0.378	0.96	10.03	687.28
363.10	10.73	62,609.440	0.383	0.96	11.69	707.35
363.20	12.49	64,285.047	0.387	0.96	13.45	727.73
363.30	14.34	65,979.392	0.391	0.96	15.30	748.41
363.40	16.28	67,692.580	0.395	0.96	17.24	769.38
363.50	18.29	69,424.714	0.400	0.96	19.25	790.64
363.60	20.39	71,175.900	0.404	0.96	21.35	812.19
363.70	22.56	72,946.240	0.409	0.96	23.52	834.04
363.80	24.81	74,735.841	0.413	0.96	25.77	856.17
363.90	27.13	76,544.804	0.418	0.96	28.09	878.59
364.00	29.51	78,373.236	0.422	0.96	30.47	901.29

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 100 years
Label: BASIN 1A Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.96 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	358.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)

Proposed Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 100 years
Label: BASIN 1A Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
358.00	0.00	0.000	0.190	0.00	0.00	0.00
358.10	0.00	835.350	0.193	0.96	0.96	10.24
358.20	0.00	1,684.676	0.197	0.96	0.96	19.68
358.30	0.00	2,548.094	0.200	0.96	0.96	29.27
358.40	0.00	3,425.721	0.203	0.96	0.96	39.02
358.50	0.00	4,317.671	0.206	0.96	0.96	48.93
358.60	0.00	5,224.063	0.210	0.96	0.96	59.01
358.70	0.00	6,145.010	0.213	0.96	0.96	69.24
358.75	0.00	6,610.978	0.215	0.96	0.96	74.42
358.80	0.00	7,080.629	0.216	0.96	0.96	79.64
358.90	0.03	8,031.037	0.220	0.96	0.99	90.23
359.00	0.08	8,996.349	0.223	0.96	1.04	101.00
359.10	0.11	9,976.680	0.227	0.96	1.07	111.92
359.20	0.13	10,972.148	0.230	0.96	1.09	123.01
359.30	0.15	11,982.867	0.234	0.96	1.11	134.26
359.40	0.17	13,008.955	0.237	0.96	1.13	145.68
359.50	0.19	14,050.526	0.241	0.96	1.15	157.26
359.60	0.20	15,107.697	0.244	0.96	1.16	169.02
359.70	0.21	16,180.584	0.248	0.96	1.17	180.96
359.80	0.23	17,269.302	0.252	0.96	1.19	193.07
359.90	0.24	18,373.968	0.255	0.96	1.20	205.35
360.00	0.25	19,494.697	0.259	0.96	1.21	217.82
360.10	0.26	20,631.431	0.263	0.96	1.22	230.46
360.20	0.27	21,784.105	0.266	0.96	1.23	243.28
360.30	0.28	22,952.832	0.270	0.96	1.24	256.27
360.40	0.29	24,137.722	0.274	0.96	1.25	269.45
360.50	0.30	25,338.885	0.278	0.96	1.26	282.80
360.60	0.31	26,556.434	0.281	0.96	1.27	296.34
360.70	0.32	27,790.478	0.285	0.96	1.28	310.06
360.80	0.33	29,041.130	0.289	0.96	1.29	323.97
360.90	0.34	30,308.499	0.293	0.96	1.30	338.06
361.00	0.34	31,592.698	0.297	0.96	1.30	352.33
361.10	0.35	32,893.837	0.301	0.96	1.31	366.80
361.20	0.36	34,212.026	0.305	0.96	1.32	381.45
361.30	0.37	35,547.378	0.309	0.96	1.33	396.30
361.40	0.38	36,900.002	0.313	0.96	1.34	411.34
361.50	0.38	38,270.011	0.317	0.96	1.34	426.57
361.60	0.39	39,657.515	0.321	0.96	1.35	441.99
361.70	0.40	41,062.624	0.325	0.96	1.36	457.61
361.80	0.40	42,485.451	0.329	0.96	1.36	473.42
361.90	0.41	43,926.105	0.333	0.96	1.37	489.44
362.00	0.42	45,384.699	0.337	0.96	1.38	505.65
362.10	0.42	46,861.060	0.341	0.96	1.38	522.06

Proposed Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) — Return Event: 100 years
Label: BASIN 1A — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
362.20	0.43	48,355.014	0.345	0.96	1.39	538.67
362.30	0.82	49,866.664	0.349	0.96	1.78	555.85
362.40	1.52	51,396.114	0.353	0.96	2.48	573.54
362.50	2.42	52,943.470	0.357	0.96	3.38	591.64
362.60	3.49	54,508.835	0.361	0.96	4.45	610.11
362.70	4.70	56,092.312	0.366	0.96	5.66	628.91
362.80	6.05	57,694.008	0.370	0.96	7.01	648.05
362.90	7.50	59,314.024	0.374	0.96	8.46	667.51
363.00	9.07	60,952.467	0.378	0.96	10.03	687.28
363.10	10.73	62,609.440	0.383	0.96	11.69	707.35
363.20	12.49	64,285.047	0.387	0.96	13.45	727.73
363.30	14.34	65,979.392	0.391	0.96	15.30	748.41
363.40	16.28	67,692.580	0.395	0.96	17.24	769.38
363.50	18.29	69,424.714	0.400	0.96	19.25	790.64
363.60	20.39	71,175.900	0.404	0.96	21.35	812.19
363.70	22.56	72,946.240	0.409	0.96	23.52	834.04
363.80	24.81	74,735.841	0.413	0.96	25.77	856.17
363.90	27.13	76,544.804	0.418	0.96	28.09	878.59
364.00	29.51	78,373.236	0.422	0.96	30.47	901.29

Subsection: Detention Time — Return Event: 1 years
Label: BASIN 1A (IN) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.96 ft³/s

Approximate Detention Times	
Time to Centroid (Outflow)	15.238 hours
Time to Centroid (Inflow)	14.319 hours
Detention Time (Centroid to Centroid)	0.918 hours

Subsection: Level Pool Pond Routing Summary — Return Event: 1 years
Label: BASIN 1A (IN) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	Constant

Proposed Hydrologic Calculations

Subsection: Level Pool Pond Routing Summary — Return Event: 1 years
Label: BASIN 1A (IN) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Infiltration	
Infiltration Rate (Constant)	0.96 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	358.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	5.70 ft³/s	Time to Peak (Flow, In)	12.100 hours
Infiltration (Peak)	0.96 ft³/s	Time to Peak (Infiltration)	11.950 hours
Flow (Peak Outlet)	0.00 ft³/s	Time to Peak (Flow, Outlet)	0.000 hours

Elevation (Water Surface, Peak)	358.72 ft
Volume (Peak)	6,316.193 ft³

Mass Balance (ft³)	
Volume (Initial)	0.000 ft³
Volume (Total Inflow)	20,335.000 ft³
Volume (Total Infiltration)	20,335.000 ft³
Volume (Total Outlet Outflow)	0.000 ft³
Volume (Retained)	0.000 ft³
Volume (Unrouted)	0.000 ft³
Error (Mass Balance)	0.0 %

Subsection: Detention Time — Return Event: 10 years
Label: BASIN 1A (IN) — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.96 ft³/s

Approximate Detention Times	
Time to Centroid (Outflow)	17.624 hours
Time to Centroid (Inflow)	13.781 hours

Proposed Hydrologic Calculations

Subsection: Detention Time
Label: BASIN 1A (IN)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Return Event: 10 years
Storm Event: TypeIII 24hr (5.1 in)

Approximate Detention Times	
Detention Time (Centroid to Centroid)	3.843 hours

Subsection: Level Pool Pond Routing Summary
Label: BASIN 1A (IN)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Return Event: 10 years
Storm Event: TypeIII 24hr (5.1 in)

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.96 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	358.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	17.30 ft³/s	Time to Peak (Flow, In)	12.100 hours
Infiltration (Peak)	0.96 ft³/s	Time to Peak (Infiltration)	11.400 hours
Flow (Peak Outlet)	0.32 ft³/s	Time to Peak (Flow, Outlet)	13.950 hours

Elevation (Water Surface, Peak)	360.74 ft
Volume (Peak)	28,268.235 ft³

Mass Balance (ft³)	
Volume (Initial)	0.000 ft³
Volume (Total Inflow)	60,480.000 ft³
Volume (Total Infiltration)	51,026.000 ft³
Volume (Total Outlet Outflow)	9,454.000 ft³
Volume (Retained)	0.000 ft³
Volume (Unrouted)	0.000 ft³
Error (Mass Balance)	0.0 %

Proposed Hydrologic Calculations

Subsection: Detention Time — Return Event: 100 years
Label: BASIN 1A (IN) — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.96 ft³/s

Approximate Detention Times	
Time to Centroid (Outflow)	18.141 hours
Time to Centroid (Inflow)	13.372 hours
Detention Time (Centroid to Centroid)	4.769 hours

Subsection: Level Pool Pond Routing Summary — Return Event: 100 years
Label: BASIN 1A (IN) — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.96 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	358.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	39.64 ft³/s	Time to Peak (Flow, In)	12.100 hours
Infiltration (Peak)	0.96 ft³/s	Time to Peak (Infiltration)	9.650 hours
Flow (Peak Outlet)	9.62 ft³/s	Time to Peak (Flow, Outlet)	12.450 hours

Elevation (Water Surface, Peak)	363.03 ft
Volume (Peak)	61,497.164 ft³

Mass Balance (ft³)	
Volume (Initial)	0.000 ft³
Volume (Total Inflow)	142,985.000 ft³
Volume (Total Infiltration)	81,314.000 ft³

Proposed Hydrologic Calculations

Subsection: Level Pool Pond Routing Summary
Return Event: 100 years
Label: BASIN 1A (IN)
Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Mass Balance (ft³)	
Volume (Total Outlet Outflow)	61,671.000 ft³
Volume (Retained)	0.000 ft³
Volume (Unrouted)	0.000 ft³
Error (Mass Balance)	0.0 %

Subsection: Pond Routing Calculations (Total Out)
Return Event: 1 years
Label: BASIN 1A (OUT)
Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
1.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
3.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
5.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
7.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
9.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
9.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
10.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
10.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
10.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
10.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
10.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
10.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
10.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
10.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
10.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
10.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
10.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
10.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
10.600	0.01	0.01	0.01	0.00	0.00	1.000	358.00
10.650	0.01	0.03	0.03	0.00	0.00	3.000	358.00
10.700	0.02	0.05	0.06	0.01	0.00	5.000	358.00
10.750	0.03	0.08	0.10	0.01	0.00	8.000	358.00
10.800	0.03	0.11	0.14	0.01	0.00	11.000	358.00
10.850	0.04	0.15	0.19	0.02	0.00	15.000	358.00
10.900	0.05	0.20	0.24	0.02	0.00	20.000	358.00
10.950	0.06	0.25	0.31	0.03	0.00	25.000	358.00
11.000	0.07	0.30	0.37	0.03	0.00	30.000	358.00
11.050	0.08	0.36	0.44	0.04	0.00	36.000	358.00
11.100	0.09	0.43	0.53	0.05	0.00	42.000	358.01
11.150	0.10	0.50	0.62	0.06	0.00	50.000	358.01
11.200	0.12	0.58	0.72	0.07	0.00	58.000	358.01
11.250	0.13	0.68	0.83	0.08	0.00	68.000	358.01
11.300	0.15	0.78	0.97	0.09	0.00	78.000	358.01
11.350	0.17	0.90	1.11	0.10	0.00	90.000	358.01
11.400	0.20	1.03	1.27	0.12	0.00	103.000	358.01
11.450	0.22	1.18	1.45	0.14	0.00	117.000	358.01
11.500	0.25	1.33	1.64	0.15	0.00	133.000	358.02
11.550	0.31	1.53	1.89	0.18	0.00	153.000	358.02
11.600	0.39	1.82	2.23	0.21	0.00	181.000	358.02
11.650	0.53	2.23	2.74	0.26	0.00	222.000	358.03
11.700	0.71	2.82	3.47	0.33	0.00	282.000	358.03
11.750	0.93	3.63	4.46	0.42	0.00	362.000	358.04
11.800	1.18	4.66	5.74	0.54	0.00	466.000	358.06
11.850	1.48	5.96	7.33	0.69	0.00	596.000	358.07
11.900	1.83	7.53	9.27	0.87	0.00	756.000	358.09
11.950	2.87	10.32	12.24	0.96	0.00	1,014.000	358.12
12.000	4.31	15.58	17.50	0.96	0.00	1,488.000	358.18

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
12.050	5.12	23.10	25.02	0.96	0.00	2,163.000	358.26
12.100	5.70	31.99	33.91	0.96	0.00	2,964.000	358.35
12.150	5.00	40.77	42.69	0.96	0.00	3,754.000	358.44
12.200	3.77	47.63	49.55	0.96	0.00	4,372.000	358.51
12.250	3.26	52.74	54.66	0.96	0.00	4,831.000	358.56
12.300	2.93	57.02	58.94	0.96	0.00	5,218.000	358.60
12.350	2.61	60.63	62.55	0.96	0.00	5,542.000	358.63
12.400	2.28	63.60	65.52	0.96	0.00	5,809.000	358.66
12.450	1.93	65.89	67.81	0.96	0.00	6,016.000	358.69
12.500	1.57	67.47	69.39	0.96	0.00	6,159.000	358.70
12.550	1.32	68.44	70.36	0.96	0.00	6,246.000	358.71
12.600	1.10	68.94	70.86	0.96	0.00	6,291.000	358.72
12.650	1.02	69.15	71.07	0.96	0.00	6,309.000	358.72
12.700	0.98	69.22	71.14	0.96	0.00	6,316.000	358.72
12.750	0.94	69.22	71.14	0.96	0.00	6,316.000	358.72
12.800	0.90	69.13	71.05	0.96	0.00	6,308.000	358.72
12.850	0.86	68.97	70.89	0.96	0.00	6,294.000	358.72
12.900	0.82	68.74	70.66	0.96	0.00	6,272.000	358.71
12.950	0.78	68.42	70.34	0.96	0.00	6,244.000	358.71
13.000	0.74	68.03	69.95	0.96	0.00	6,209.000	358.71
13.050	0.71	67.57	69.49	0.96	0.00	6,167.000	358.70
13.100	0.69	67.05	68.97	0.96	0.00	6,121.000	358.70
13.150	0.68	66.50	68.42	0.96	0.00	6,070.000	358.69
13.200	0.67	65.92	67.84	0.96	0.00	6,018.000	358.69
13.250	0.66	65.32	67.24	0.96	0.00	5,964.000	358.68
13.300	0.65	64.70	66.62	0.96	0.00	5,908.000	358.67
13.350	0.64	64.07	65.99	0.96	0.00	5,851.000	358.67
13.400	0.63	63.41	65.33	0.96	0.00	5,792.000	358.66
13.450	0.62	62.74	64.66	0.96	0.00	5,731.000	358.66
13.500	0.61	62.04	63.96	0.96	0.00	5,669.000	358.65
13.550	0.60	61.33	63.25	0.96	0.00	5,604.000	358.64
13.600	0.59	60.60	62.52	0.96	0.00	5,538.000	358.63
13.650	0.58	59.84	61.76	0.96	0.00	5,471.000	358.63
13.700	0.57	59.07	60.99	0.96	0.00	5,401.000	358.62
13.750	0.56	58.27	60.19	0.96	0.00	5,330.000	358.61
13.800	0.55	57.46	59.38	0.96	0.00	5,257.000	358.60
13.850	0.54	56.62	58.54	0.96	0.00	5,182.000	358.60
13.900	0.53	55.76	57.68	0.96	0.00	5,104.000	358.59
13.950	0.51	54.88	56.80	0.96	0.00	5,025.000	358.58
14.000	0.50	53.98	55.90	0.96	0.00	4,943.000	358.57
14.050	0.50	53.06	54.98	0.96	0.00	4,860.000	358.56
14.100	0.49	52.12	54.04	0.96	0.00	4,776.000	358.55

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
14.150	0.48	51.17	53.09	0.96	0.00	4,690.000	358.54
14.200	0.48	50.21	52.13	0.96	0.00	4,604.000	358.53
14.250	0.47	49.24	51.16	0.96	0.00	4,517.000	358.52
14.300	0.47	48.26	50.18	0.96	0.00	4,429.000	358.51
14.350	0.46	47.27	49.19	0.96	0.00	4,340.000	358.50
14.400	0.46	46.27	48.19	0.96	0.00	4,250.000	358.49
14.450	0.45	45.26	47.18	0.96	0.00	4,159.000	358.48
14.500	0.45	44.24	46.16	0.96	0.00	4,066.000	358.47
14.550	0.44	43.21	45.13	0.96	0.00	3,973.000	358.46
14.600	0.44	42.17	44.09	0.96	0.00	3,879.000	358.45
14.650	0.43	41.11	43.03	0.96	0.00	3,785.000	358.44
14.700	0.43	40.05	41.97	0.96	0.00	3,690.000	358.43
14.750	0.42	38.98	40.90	0.96	0.00	3,593.000	358.42
14.800	0.42	37.90	39.82	0.96	0.00	3,497.000	358.41
14.850	0.41	36.81	38.73	0.96	0.00	3,399.000	358.40
14.900	0.41	35.70	37.62	0.96	0.00	3,299.000	358.39
14.950	0.40	34.59	36.51	0.96	0.00	3,198.000	358.37
15.000	0.40	33.46	35.38	0.96	0.00	3,096.000	358.36
15.050	0.39	32.33	34.25	0.96	0.00	2,994.000	358.35
15.100	0.38	31.18	33.10	0.96	0.00	2,891.000	358.34
15.150	0.38	30.02	31.94	0.96	0.00	2,787.000	358.33
15.200	0.37	28.86	30.78	0.96	0.00	2,683.000	358.32
15.250	0.37	27.68	29.60	0.96	0.00	2,577.000	358.30
15.300	0.36	26.49	28.41	0.96	0.00	2,470.000	358.29
15.350	0.36	25.29	27.21	0.96	0.00	2,361.000	358.28
15.400	0.35	24.07	25.99	0.96	0.00	2,252.000	358.27
15.450	0.35	22.85	24.77	0.96	0.00	2,141.000	358.25
15.500	0.34	21.62	23.54	0.96	0.00	2,030.000	358.24
15.550	0.33	20.37	22.29	0.96	0.00	1,919.000	358.23
15.600	0.33	19.12	21.04	0.96	0.00	1,806.000	358.21
15.650	0.32	17.85	19.77	0.96	0.00	1,693.000	358.20
15.700	0.32	16.57	18.49	0.96	0.00	1,577.000	358.19
15.750	0.31	15.28	17.20	0.96	0.00	1,460.000	358.17
15.800	0.31	13.97	15.89	0.96	0.00	1,342.000	358.16
15.850	0.30	12.66	14.58	0.96	0.00	1,224.000	358.15
15.900	0.29	11.34	13.26	0.96	0.00	1,105.000	358.13
15.950	0.29	10.00	11.92	0.96	0.00	985.000	358.12
16.000	0.28	8.65	10.57	0.96	0.00	865.000	358.10
16.050	0.28	7.49	9.21	0.86	0.00	751.000	358.09
16.100	0.27	6.53	8.04	0.75	0.00	654.000	358.08
16.150	0.27	5.75	7.08	0.66	0.00	576.000	358.07
16.200	0.27	5.11	6.29	0.59	0.00	511.000	358.06

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
16.250	0.27	4.59	5.65	0.53	0.00	459.000	358.06
16.300	0.26	4.16	5.12	0.48	0.00	416.000	358.05
16.350	0.26	3.81	4.68	0.44	0.00	380.000	358.05
16.400	0.26	3.52	4.33	0.41	0.00	351.000	358.04
16.450	0.26	3.28	4.03	0.38	0.00	327.000	358.04
16.500	0.25	3.08	3.79	0.35	0.00	307.000	358.04
16.550	0.25	2.91	3.58	0.34	0.00	291.000	358.03
16.600	0.25	2.77	3.41	0.32	0.00	277.000	358.03
16.650	0.25	2.66	3.27	0.31	0.00	265.000	358.03
16.700	0.24	2.56	3.15	0.29	0.00	255.000	358.03
16.750	0.24	2.47	3.04	0.29	0.00	247.000	358.03
16.800	0.24	2.40	2.95	0.28	0.00	239.000	358.03
16.850	0.24	2.34	2.88	0.27	0.00	233.000	358.03
16.900	0.23	2.28	2.81	0.26	0.00	228.000	358.03
16.950	0.23	2.23	2.75	0.26	0.00	223.000	358.03
17.000	0.23	2.19	2.69	0.25	0.00	218.000	358.03
17.050	0.23	2.15	2.64	0.25	0.00	214.000	358.03
17.100	0.22	2.11	2.60	0.24	0.00	211.000	358.03
17.150	0.22	2.08	2.56	0.24	0.00	207.000	358.02
17.200	0.22	2.05	2.52	0.24	0.00	204.000	358.02
17.250	0.22	2.02	2.48	0.23	0.00	201.000	358.02
17.300	0.21	1.99	2.45	0.23	0.00	198.000	358.02
17.350	0.21	1.96	2.41	0.23	0.00	196.000	358.02
17.400	0.21	1.94	2.38	0.22	0.00	193.000	358.02
17.450	0.21	1.91	2.35	0.22	0.00	190.000	358.02
17.500	0.20	1.88	2.32	0.22	0.00	188.000	358.02
17.550	0.20	1.86	2.29	0.21	0.00	186.000	358.02
17.600	0.20	1.84	2.26	0.21	0.00	183.000	358.02
17.650	0.20	1.81	2.23	0.21	0.00	181.000	358.02
17.700	0.19	1.79	2.20	0.21	0.00	178.000	358.02
17.750	0.19	1.77	2.17	0.20	0.00	176.000	358.02
17.800	0.19	1.74	2.14	0.20	0.00	174.000	358.02
17.850	0.19	1.72	2.12	0.20	0.00	171.000	358.02
17.900	0.18	1.70	2.09	0.20	0.00	169.000	358.02
17.950	0.18	1.67	2.06	0.19	0.00	167.000	358.02
18.000	0.18	1.65	2.03	0.19	0.00	165.000	358.02
18.050	0.18	1.63	2.00	0.19	0.00	162.000	358.02
18.100	0.17	1.61	1.98	0.19	0.00	160.000	358.02
18.150	0.17	1.59	1.95	0.18	0.00	158.000	358.02
18.200	0.17	1.57	1.93	0.18	0.00	156.000	358.02
18.250	0.17	1.55	1.91	0.18	0.00	155.000	358.02
18.300	0.17	1.54	1.90	0.18	0.00	154.000	358.02

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
18.350	0.17	1.53	1.88	0.18	0.00	152.000	358.02
18.400	0.17	1.52	1.87	0.18	0.00	151.000	358.02
18.450	0.17	1.51	1.86	0.17	0.00	150.000	358.02
18.500	0.17	1.50	1.84	0.17	0.00	149.000	358.02
18.550	0.17	1.49	1.83	0.17	0.00	149.000	358.02
18.600	0.17	1.48	1.82	0.17	0.00	148.000	358.02
18.650	0.17	1.47	1.81	0.17	0.00	147.000	358.02
18.700	0.16	1.47	1.80	0.17	0.00	146.000	358.02
18.750	0.16	1.46	1.79	0.17	0.00	145.000	358.02
18.800	0.16	1.45	1.79	0.17	0.00	145.000	358.02
18.850	0.16	1.44	1.78	0.17	0.00	144.000	358.02
18.900	0.16	1.44	1.77	0.17	0.00	143.000	358.02
18.950	0.16	1.43	1.76	0.16	0.00	143.000	358.02
19.000	0.16	1.42	1.75	0.16	0.00	142.000	358.02
19.050	0.16	1.42	1.74	0.16	0.00	141.000	358.02
19.100	0.16	1.41	1.73	0.16	0.00	141.000	358.02
19.150	0.16	1.40	1.73	0.16	0.00	140.000	358.02
19.200	0.16	1.40	1.72	0.16	0.00	139.000	358.02
19.250	0.16	1.39	1.71	0.16	0.00	138.000	358.02
19.300	0.16	1.38	1.70	0.16	0.00	138.000	358.02
19.350	0.16	1.38	1.69	0.16	0.00	137.000	358.02
19.400	0.15	1.37	1.69	0.16	0.00	137.000	358.02
19.450	0.15	1.36	1.68	0.16	0.00	136.000	358.02
19.500	0.15	1.36	1.67	0.16	0.00	135.000	358.02
19.550	0.15	1.35	1.66	0.16	0.00	134.000	358.02
19.600	0.15	1.34	1.65	0.15	0.00	134.000	358.02
19.650	0.15	1.34	1.64	0.15	0.00	133.000	358.02
19.700	0.15	1.33	1.64	0.15	0.00	133.000	358.02
19.750	0.15	1.32	1.63	0.15	0.00	132.000	358.02
19.800	0.15	1.32	1.62	0.15	0.00	131.000	358.02
19.850	0.15	1.31	1.61	0.15	0.00	131.000	358.02
19.900	0.15	1.30	1.60	0.15	0.00	130.000	358.02
19.950	0.15	1.30	1.60	0.15	0.00	129.000	358.02
20.000	0.15	1.29	1.59	0.15	0.00	129.000	358.02
20.050	0.14	1.28	1.58	0.15	0.00	128.000	358.02
20.100	0.14	1.28	1.57	0.15	0.00	127.000	358.02
20.150	0.14	1.27	1.56	0.15	0.00	127.000	358.02
20.200	0.14	1.26	1.56	0.15	0.00	126.000	358.02
20.250	0.14	1.26	1.55	0.15	0.00	125.000	358.02
20.300	0.14	1.25	1.54	0.14	0.00	125.000	358.02
20.350	0.14	1.25	1.54	0.14	0.00	124.000	358.01
20.400	0.14	1.24	1.53	0.14	0.00	124.000	358.01

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
20.450	0.14	1.24	1.52	0.14	0.00	123.000	358.01
20.500	0.14	1.23	1.52	0.14	0.00	123.000	358.01
20.550	0.14	1.23	1.51	0.14	0.00	122.000	358.01
20.600	0.14	1.22	1.50	0.14	0.00	122.000	358.01
20.650	0.14	1.22	1.50	0.14	0.00	121.000	358.01
20.700	0.14	1.21	1.49	0.14	0.00	121.000	358.01
20.750	0.14	1.20	1.48	0.14	0.00	120.000	358.01
20.800	0.14	1.20	1.48	0.14	0.00	120.000	358.01
20.850	0.14	1.19	1.47	0.14	0.00	119.000	358.01
20.900	0.13	1.19	1.46	0.14	0.00	119.000	358.01
20.950	0.13	1.18	1.46	0.14	0.00	118.000	358.01
21.000	0.13	1.18	1.45	0.14	0.00	118.000	358.01
21.050	0.13	1.18	1.45	0.14	0.00	117.000	358.01
21.100	0.13	1.17	1.44	0.14	0.00	117.000	358.01
21.150	0.13	1.17	1.43	0.13	0.00	116.000	358.01
21.200	0.13	1.16	1.43	0.13	0.00	116.000	358.01
21.250	0.13	1.16	1.42	0.13	0.00	115.000	358.01
21.300	0.13	1.15	1.42	0.13	0.00	115.000	358.01
21.350	0.13	1.14	1.41	0.13	0.00	114.000	358.01
21.400	0.13	1.14	1.40	0.13	0.00	114.000	358.01
21.450	0.13	1.14	1.40	0.13	0.00	113.000	358.01
21.500	0.13	1.13	1.39	0.13	0.00	113.000	358.01
21.550	0.13	1.12	1.38	0.13	0.00	112.000	358.01
21.600	0.13	1.12	1.38	0.13	0.00	111.000	358.01
21.650	0.13	1.11	1.37	0.13	0.00	111.000	358.01
21.700	0.12	1.11	1.36	0.13	0.00	110.000	358.01
21.750	0.12	1.10	1.36	0.13	0.00	110.000	358.01
21.800	0.12	1.10	1.35	0.13	0.00	110.000	358.01
21.850	0.12	1.09	1.35	0.13	0.00	109.000	358.01
21.900	0.12	1.09	1.34	0.13	0.00	109.000	358.01
21.950	0.12	1.08	1.33	0.13	0.00	108.000	358.01
22.000	0.12	1.08	1.33	0.12	0.00	107.000	358.01
22.050	0.12	1.07	1.32	0.12	0.00	107.000	358.01
22.100	0.12	1.07	1.31	0.12	0.00	106.000	358.01
22.150	0.12	1.06	1.31	0.12	0.00	106.000	358.01
22.200	0.12	1.06	1.30	0.12	0.00	105.000	358.01
22.250	0.12	1.05	1.30	0.12	0.00	105.000	358.01
22.300	0.12	1.05	1.29	0.12	0.00	104.000	358.01
22.350	0.12	1.04	1.28	0.12	0.00	104.000	358.01
22.400	0.12	1.04	1.28	0.12	0.00	103.000	358.01
22.450	0.12	1.03	1.27	0.12	0.00	103.000	358.01
22.500	0.12	1.03	1.26	0.12	0.00	102.000	358.01

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
22.550	0.11	1.02	1.26	0.12	0.00	102.000	358.01
22.600	0.12	1.02	1.25	0.12	0.00	101.000	358.01
22.650	0.11	1.01	1.25	0.12	0.00	101.000	358.01
22.700	0.11	1.01	1.24	0.12	0.00	100.000	358.01
22.750	0.11	1.00	1.23	0.12	0.00	100.000	358.01
22.800	0.11	1.00	1.23	0.11	0.00	99.000	358.01
22.850	0.11	0.99	1.22	0.11	0.00	99.000	358.01
22.900	0.11	0.99	1.21	0.11	0.00	98.000	358.01
22.950	0.11	0.98	1.21	0.11	0.00	98.000	358.01
23.000	0.11	0.98	1.20	0.11	0.00	97.000	358.01
23.050	0.11	0.97	1.19	0.11	0.00	97.000	358.01
23.100	0.11	0.96	1.19	0.11	0.00	96.000	358.01
23.150	0.11	0.96	1.18	0.11	0.00	95.000	358.01
23.200	0.11	0.95	1.17	0.11	0.00	95.000	358.01
23.250	0.11	0.95	1.17	0.11	0.00	95.000	358.01
23.300	0.11	0.94	1.16	0.11	0.00	94.000	358.01
23.350	0.11	0.94	1.15	0.11	0.00	93.000	358.01
23.400	0.11	0.93	1.15	0.11	0.00	93.000	358.01
23.450	0.10	0.93	1.14	0.11	0.00	93.000	358.01
23.500	0.10	0.92	1.14	0.11	0.00	92.000	358.01
23.550	0.10	0.92	1.13	0.11	0.00	91.000	358.01
23.600	0.10	0.91	1.12	0.11	0.00	91.000	358.01
23.650	0.10	0.91	1.12	0.10	0.00	90.000	358.01
23.700	0.10	0.90	1.11	0.10	0.00	90.000	358.01
23.750	0.10	0.90	1.10	0.10	0.00	89.000	358.01
23.800	0.10	0.89	1.10	0.10	0.00	89.000	358.01
23.850	0.10	0.89	1.09	0.10	0.00	88.000	358.01
23.900	0.10	0.88	1.08	0.10	0.00	88.000	358.01
23.950	0.10	0.87	1.08	0.10	0.00	87.000	358.01
24.000	0.10	0.87	1.07	0.10	0.00	87.000	358.01
24.050	0.06	0.83	1.03	0.10	0.00	83.000	358.01
24.100	0.01	0.74	0.91	0.09	0.00	74.000	358.01
24.150	0.00	0.62	0.76	0.07	0.00	61.000	358.01
24.200	0.00	0.50	0.62	0.06	0.00	50.000	358.01
24.250	0.00	0.41	0.50	0.05	0.00	41.000	358.00
24.300	0.00	0.33	0.41	0.04	0.00	33.000	358.00
24.350	0.00	0.27	0.33	0.03	0.00	27.000	358.00
24.400	0.00	0.22	0.27	0.03	0.00	22.000	358.00
24.450	0.00	0.18	0.22	0.02	0.00	18.000	358.00
24.500	0.00	0.15	0.18	0.02	0.00	14.000	358.00
24.550	0.00	0.12	0.15	0.01	0.00	12.000	358.00
24.600	0.00	0.10	0.12	0.01	0.00	10.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
24.650	0.00	0.08	0.10	0.01	0.00	8.000	358.00
24.700	0.00	0.06	0.08	0.01	0.00	6.000	358.00
24.750	0.00	0.05	0.06	0.01	0.00	5.000	358.00
24.800	0.00	0.04	0.05	0.00	0.00	4.000	358.00
24.850	0.00	0.03	0.04	0.00	0.00	3.000	358.00
24.900	0.00	0.03	0.03	0.00	0.00	3.000	358.00
24.950	0.00	0.02	0.03	0.00	0.00	2.000	358.00
25.000	0.00	0.02	0.02	0.00	0.00	2.000	358.00
25.050	0.00	0.01	0.02	0.00	0.00	1.000	358.00
25.100	0.00	0.01	0.01	0.00	0.00	1.000	358.00
25.150	0.00	0.01	0.01	0.00	0.00	1.000	358.00
25.200	0.00	0.01	0.01	0.00	0.00	0.000	358.00
25.250	0.00	0.01	0.01	0.00	0.00	0.000	358.00
25.300	0.00	0.01	0.01	0.00	0.00	0.000	358.00
25.350	0.00	0.00	0.01	0.00	0.00	0.000	358.00
25.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
25.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
25.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
25.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
25.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
25.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
25.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
25.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
25.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
25.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
25.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
25.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
26.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
28.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
30.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
33.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
35.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
2.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
4.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
6.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
6.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
7.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
8.200	0.00	0.01	0.01	0.00	0.00	0.000	358.00
8.250	0.01	0.01	0.02	0.00	0.00	1.000	358.00
8.300	0.01	0.03	0.04	0.00	0.00	3.000	358.00
8.350	0.02	0.05	0.06	0.01	0.00	5.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
8.400	0.02	0.07	0.09	0.01	0.00	7.000	358.00
8.450	0.03	0.10	0.12	0.01	0.00	10.000	358.00
8.500	0.03	0.13	0.16	0.02	0.00	13.000	358.00
8.550	0.04	0.17	0.20	0.02	0.00	16.000	358.00
8.600	0.04	0.20	0.25	0.02	0.00	20.000	358.00
8.650	0.05	0.24	0.30	0.03	0.00	24.000	358.00
8.700	0.06	0.28	0.35	0.03	0.00	28.000	358.00
8.750	0.06	0.33	0.41	0.04	0.00	33.000	358.00
8.800	0.07	0.38	0.47	0.04	0.00	38.000	358.00
8.850	0.08	0.43	0.53	0.05	0.00	43.000	358.01
8.900	0.09	0.48	0.59	0.06	0.00	48.000	358.01
8.950	0.09	0.54	0.66	0.06	0.00	53.000	358.01
9.000	0.10	0.59	0.73	0.07	0.00	59.000	358.01
9.050	0.11	0.65	0.80	0.08	0.00	65.000	358.01
9.100	0.12	0.71	0.88	0.08	0.00	71.000	358.01
9.150	0.13	0.78	0.96	0.09	0.00	77.000	358.01
9.200	0.13	0.84	1.04	0.10	0.00	84.000	358.01
9.250	0.14	0.91	1.12	0.11	0.00	91.000	358.01
9.300	0.15	0.98	1.21	0.11	0.00	98.000	358.01
9.350	0.16	1.05	1.30	0.12	0.00	105.000	358.01
9.400	0.17	1.13	1.39	0.13	0.00	112.000	358.01
9.450	0.18	1.20	1.48	0.14	0.00	120.000	358.01
9.500	0.19	1.28	1.58	0.15	0.00	128.000	358.02
9.550	0.20	1.36	1.68	0.16	0.00	136.000	358.02
9.600	0.21	1.45	1.78	0.17	0.00	144.000	358.02
9.650	0.22	1.53	1.89	0.18	0.00	153.000	358.02
9.700	0.24	1.62	1.99	0.19	0.00	161.000	358.02
9.750	0.25	1.71	2.10	0.20	0.00	170.000	358.02
9.800	0.26	1.80	2.21	0.21	0.00	179.000	358.02
9.850	0.27	1.89	2.33	0.22	0.00	189.000	358.02
9.900	0.28	1.99	2.45	0.23	0.00	198.000	358.02
9.950	0.30	2.08	2.57	0.24	0.00	208.000	358.03
10.000	0.31	2.18	2.69	0.25	0.00	218.000	358.03
10.050	0.32	2.29	2.81	0.26	0.00	228.000	358.03
10.100	0.34	2.39	2.95	0.28	0.00	239.000	358.03
10.150	0.35	2.51	3.08	0.29	0.00	250.000	358.03
10.200	0.37	2.63	3.23	0.30	0.00	262.000	358.03
10.250	0.39	2.76	3.39	0.32	0.00	275.000	358.03
10.300	0.41	2.89	3.56	0.33	0.00	289.000	358.03
10.350	0.43	3.03	3.73	0.35	0.00	303.000	358.04
10.400	0.45	3.18	3.92	0.37	0.00	318.000	358.04
10.450	0.47	3.34	4.11	0.38	0.00	333.000	358.04

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
10.500	0.49	3.50	4.30	0.40	0.00	349.000	358.04
10.550	0.52	3.66	4.51	0.42	0.00	366.000	358.04
10.600	0.54	3.84	4.72	0.44	0.00	383.000	358.05
10.650	0.56	4.01	4.94	0.46	0.00	401.000	358.05
10.700	0.59	4.20	5.16	0.48	0.00	420.000	358.05
10.750	0.61	4.38	5.40	0.51	0.00	438.000	358.05
10.800	0.64	4.58	5.63	0.53	0.00	458.000	358.06
10.850	0.66	4.78	5.88	0.55	0.00	478.000	358.06
10.900	0.69	4.98	6.13	0.57	0.00	498.000	358.06
10.950	0.72	5.19	6.39	0.60	0.00	519.000	358.06
11.000	0.74	5.40	6.65	0.62	0.00	541.000	358.06
11.050	0.79	5.63	6.93	0.65	0.00	564.000	358.07
11.100	0.83	5.89	7.25	0.68	0.00	590.000	358.07
11.150	0.90	6.19	7.62	0.71	0.00	620.000	358.07
11.200	0.97	6.54	8.05	0.75	0.00	655.000	358.08
11.250	1.04	6.94	8.54	0.80	0.00	696.000	358.08
11.300	1.12	7.39	9.10	0.85	0.00	741.000	358.09
11.350	1.20	7.88	9.70	0.91	0.00	791.000	358.09
11.400	1.28	8.44	10.36	0.96	0.00	846.000	358.10
11.450	1.36	9.16	11.08	0.96	0.00	910.000	358.11
11.500	1.45	10.06	11.98	0.96	0.00	990.000	358.12
11.550	1.74	11.34	13.26	0.96	0.00	1,105.000	358.13
11.600	2.11	13.27	15.19	0.96	0.00	1,279.000	358.15
11.650	2.71	16.16	18.08	0.96	0.00	1,540.000	358.18
11.700	3.42	20.37	22.29	0.96	0.00	1,919.000	358.23
11.750	4.21	26.08	28.00	0.96	0.00	2,433.000	358.29
11.800	5.06	33.43	35.35	0.96	0.00	3,093.000	358.36
11.850	5.99	42.55	44.47	0.96	0.00	3,914.000	358.45
11.900	7.01	53.63	55.55	0.96	0.00	4,911.000	358.57
11.950	10.31	69.02	70.94	0.96	0.00	6,298.000	358.72
12.000	14.56	91.87	93.90	0.96	0.05	8,358.000	358.93
12.050	16.32	120.57	122.76	0.96	0.13	10,950.000	359.20
12.100	17.30	151.91	154.19	0.96	0.18	13,773.000	359.47
12.150	14.66	181.51	183.86	0.96	0.22	16,440.000	359.72
12.200	10.77	204.54	206.94	0.96	0.24	18,516.000	359.91
12.250	9.14	222.02	224.45	0.96	0.26	20,089.000	360.05
12.300	8.07	236.77	239.23	0.96	0.27	21,418.000	360.17
12.350	7.11	249.48	251.96	0.96	0.28	22,563.000	360.27
12.400	6.15	260.24	262.74	0.96	0.29	23,532.000	360.35
12.450	5.17	269.06	271.56	0.96	0.29	24,327.000	360.42
12.500	4.17	275.88	278.39	0.96	0.30	24,940.000	360.47
12.550	3.49	281.01	283.54	0.96	0.30	25,404.000	360.51

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
12.600	2.91	284.89	287.42	0.96	0.30	25,752.000	360.53
12.650	2.68	287.95	290.48	0.96	0.31	26,027.000	360.56
12.700	2.55	290.65	293.19	0.96	0.31	26,271.000	360.58
12.750	2.45	293.11	295.65	0.96	0.31	26,494.000	360.59
12.800	2.34	295.36	297.90	0.96	0.31	26,696.000	360.61
12.850	2.24	297.39	299.93	0.96	0.31	26,878.000	360.63
12.900	2.13	299.21	301.75	0.96	0.31	27,041.000	360.64
12.950	2.02	300.81	303.36	0.96	0.31	27,186.000	360.65
13.000	1.92	302.20	304.75	0.96	0.32	27,311.000	360.66
13.050	1.84	303.40	305.96	0.96	0.32	27,419.000	360.67
13.100	1.77	304.46	307.01	0.96	0.32	27,515.000	360.68
13.150	1.73	305.41	307.96	0.96	0.32	27,601.000	360.68
13.200	1.70	306.29	308.84	0.96	0.32	27,680.000	360.69
13.250	1.68	307.11	309.67	0.96	0.32	27,755.000	360.70
13.300	1.65	307.88	310.44	0.96	0.32	27,824.000	360.70
13.350	1.62	308.59	311.15	0.96	0.32	27,888.000	360.71
13.400	1.60	309.25	311.81	0.96	0.32	27,947.000	360.71
13.450	1.57	309.86	312.42	0.96	0.32	28,001.000	360.72
13.500	1.54	310.41	312.97	0.96	0.32	28,050.000	360.72
13.550	1.51	310.90	313.46	0.96	0.32	28,095.000	360.72
13.600	1.49	311.34	313.90	0.96	0.32	28,134.000	360.73
13.650	1.46	311.72	314.28	0.96	0.32	28,168.000	360.73
13.700	1.43	312.05	314.61	0.96	0.32	28,198.000	360.73
13.750	1.40	312.32	314.88	0.96	0.32	28,222.000	360.73
13.800	1.38	312.53	315.09	0.96	0.32	28,241.000	360.74
13.850	1.35	312.69	315.25	0.96	0.32	28,255.000	360.74
13.900	1.32	312.79	315.35	0.96	0.32	28,264.000	360.74
13.950	1.29	312.83	315.40	0.96	0.32	28,268.000	360.74
14.000	1.26	312.82	315.38	0.96	0.32	28,267.000	360.74
14.050	1.24	312.75	315.32	0.96	0.32	28,261.000	360.74
14.100	1.22	312.64	315.21	0.96	0.32	28,251.000	360.74
14.150	1.20	312.50	315.06	0.96	0.32	28,238.000	360.74
14.200	1.19	312.32	314.89	0.96	0.32	28,223.000	360.73
14.250	1.18	312.12	314.69	0.96	0.32	28,205.000	360.73
14.300	1.16	311.90	314.46	0.96	0.32	28,184.000	360.73
14.350	1.15	311.64	314.21	0.96	0.32	28,162.000	360.73
14.400	1.14	311.36	313.93	0.96	0.32	28,136.000	360.73
14.450	1.12	311.06	313.62	0.96	0.32	28,109.000	360.73
14.500	1.11	310.72	313.29	0.96	0.32	28,079.000	360.72
14.550	1.09	310.36	312.93	0.96	0.32	28,047.000	360.72
14.600	1.08	309.98	312.54	0.96	0.32	28,012.000	360.72
14.650	1.07	309.57	312.13	0.96	0.32	27,975.000	360.71

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
14.700	1.05	309.13	311.69	0.96	0.32	27,936.000	360.71
14.750	1.04	308.66	311.22	0.96	0.32	27,894.000	360.71
14.800	1.03	308.17	310.73	0.96	0.32	27,850.000	360.70
14.850	1.01	307.65	310.20	0.96	0.32	27,803.000	360.70
14.900	1.00	307.10	309.66	0.96	0.32	27,754.000	360.70
14.950	0.98	306.52	309.08	0.96	0.32	27,702.000	360.69
15.000	0.97	305.92	308.48	0.96	0.32	27,647.000	360.69
15.050	0.96	305.30	307.85	0.96	0.32	27,590.000	360.68
15.100	0.94	304.64	307.19	0.96	0.32	27,531.000	360.68
15.150	0.93	303.96	306.51	0.96	0.32	27,470.000	360.67
15.200	0.92	303.25	305.80	0.96	0.32	27,406.000	360.67
15.250	0.90	302.51	305.07	0.96	0.32	27,339.000	360.66
15.300	0.89	301.75	304.30	0.96	0.32	27,270.000	360.66
15.350	0.87	300.96	303.51	0.96	0.31	27,199.000	360.65
15.400	0.86	300.14	302.69	0.96	0.31	27,125.000	360.65
15.450	0.84	299.30	301.85	0.96	0.31	27,049.000	360.64
15.500	0.83	298.42	300.97	0.96	0.31	26,971.000	360.63
15.550	0.82	297.52	300.07	0.96	0.31	26,890.000	360.63
15.600	0.80	296.60	299.14	0.96	0.31	26,807.000	360.62
15.650	0.79	295.65	298.19	0.96	0.31	26,722.000	360.61
15.700	0.77	294.66	297.21	0.96	0.31	26,634.000	360.61
15.750	0.76	293.65	296.19	0.96	0.31	26,543.000	360.60
15.800	0.74	292.62	295.16	0.96	0.31	26,449.000	360.59
15.850	0.73	291.56	294.09	0.96	0.31	26,353.000	360.58
15.900	0.72	290.46	293.00	0.96	0.31	26,254.000	360.58
15.950	0.70	289.35	291.88	0.96	0.31	26,153.000	360.57
16.000	0.69	288.20	290.73	0.96	0.31	26,050.000	360.56
16.050	0.68	287.03	289.56	0.96	0.31	25,945.000	360.55
16.100	0.67	285.85	288.38	0.96	0.30	25,838.000	360.54
16.150	0.66	284.64	287.17	0.96	0.30	25,730.000	360.53
16.200	0.65	283.42	285.95	0.96	0.30	25,620.000	360.52
16.250	0.64	282.19	284.72	0.96	0.30	25,510.000	360.51
16.300	0.64	280.95	283.48	0.96	0.30	25,399.000	360.50
16.350	0.63	279.71	282.23	0.96	0.30	25,287.000	360.50
16.400	0.63	278.44	280.96	0.96	0.30	25,172.000	360.49
16.450	0.62	277.17	279.69	0.96	0.30	25,057.000	360.48
16.500	0.61	275.89	278.41	0.96	0.30	24,942.000	360.47
16.550	0.61	274.60	277.11	0.96	0.30	24,825.000	360.46
16.600	0.60	273.30	275.81	0.96	0.30	24,708.000	360.45
16.650	0.60	271.98	274.49	0.96	0.30	24,590.000	360.44
16.700	0.59	270.66	273.17	0.96	0.29	24,471.000	360.43
16.750	0.58	269.33	271.83	0.96	0.29	24,351.000	360.42

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
16.800	0.58	267.98	270.49	0.96	0.29	24,230.000	360.41
16.850	0.57	266.62	269.13	0.96	0.29	24,109.000	360.40
16.900	0.56	265.26	267.76	0.96	0.29	23,985.000	360.39
16.950	0.56	263.88	266.38	0.96	0.29	23,860.000	360.38
17.000	0.55	262.49	264.99	0.96	0.29	23,735.000	360.37
17.050	0.55	261.10	263.59	0.96	0.29	23,609.000	360.36
17.100	0.54	259.69	262.18	0.96	0.29	23,482.000	360.34
17.150	0.53	258.27	260.76	0.96	0.29	23,355.000	360.33
17.200	0.53	256.84	259.33	0.96	0.28	23,226.000	360.32
17.250	0.52	255.40	257.89	0.96	0.28	23,097.000	360.31
17.300	0.51	253.95	256.43	0.96	0.28	22,967.000	360.30
17.350	0.51	252.49	254.97	0.96	0.28	22,835.000	360.29
17.400	0.50	251.02	253.50	0.96	0.28	22,702.000	360.28
17.450	0.49	249.54	252.01	0.96	0.28	22,568.000	360.27
17.500	0.49	248.05	250.52	0.96	0.28	22,434.000	360.26
17.550	0.48	246.54	249.02	0.96	0.28	22,298.000	360.24
17.600	0.48	245.03	247.50	0.96	0.28	22,162.000	360.23
17.650	0.47	243.51	245.98	0.96	0.27	22,026.000	360.22
17.700	0.46	241.98	244.44	0.96	0.27	21,888.000	360.21
17.750	0.46	240.43	242.90	0.96	0.27	21,750.000	360.20
17.800	0.45	238.88	241.34	0.96	0.27	21,609.000	360.18
17.850	0.44	237.32	239.77	0.96	0.27	21,467.000	360.17
17.900	0.44	235.74	238.20	0.96	0.27	21,325.000	360.16
17.950	0.43	234.16	236.61	0.96	0.27	21,183.000	360.15
18.000	0.42	232.56	235.01	0.96	0.27	21,039.000	360.14
18.050	0.42	230.96	233.41	0.96	0.26	20,895.000	360.12
18.100	0.42	229.35	231.79	0.96	0.26	20,751.000	360.11
18.150	0.41	227.73	230.18	0.96	0.26	20,606.000	360.10
18.200	0.41	226.12	228.56	0.96	0.26	20,459.000	360.08
18.250	0.41	224.50	226.94	0.96	0.26	20,313.000	360.07
18.300	0.41	222.89	225.32	0.96	0.26	20,167.000	360.06
18.350	0.41	221.27	223.70	0.96	0.26	20,022.000	360.05
18.400	0.40	219.65	222.08	0.96	0.25	19,876.000	360.03
18.450	0.40	218.03	220.46	0.96	0.25	19,731.000	360.02
18.500	0.40	216.41	218.83	0.96	0.25	19,585.000	360.01
18.550	0.40	214.79	217.21	0.96	0.25	19,440.000	360.00
18.600	0.40	213.17	215.58	0.96	0.25	19,293.000	359.98
18.650	0.40	211.55	213.96	0.96	0.25	19,146.000	359.97
18.700	0.39	209.92	212.33	0.96	0.25	18,999.000	359.96
18.750	0.39	208.30	210.70	0.96	0.24	18,853.000	359.94
18.800	0.39	206.67	209.08	0.96	0.24	18,707.000	359.93
18.850	0.39	205.05	207.45	0.96	0.24	18,561.000	359.92

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
18.900	0.38	203.42	205.82	0.96	0.24	18,415.000	359.90
18.950	0.38	201.79	204.19	0.96	0.24	18,268.000	359.89
19.000	0.38	200.16	202.56	0.96	0.24	18,121.000	359.88
19.050	0.38	198.53	200.92	0.96	0.23	17,974.000	359.86
19.100	0.38	196.91	199.29	0.96	0.23	17,827.000	359.85
19.150	0.38	195.28	197.66	0.96	0.23	17,680.000	359.84
19.200	0.37	193.65	196.03	0.96	0.23	17,534.000	359.82
19.250	0.37	192.02	194.39	0.96	0.23	17,388.000	359.81
19.300	0.37	190.38	192.76	0.96	0.23	17,241.000	359.80
19.350	0.37	188.75	191.12	0.96	0.23	17,093.000	359.78
19.400	0.37	187.12	189.49	0.96	0.22	16,946.000	359.77
19.450	0.36	185.49	187.85	0.96	0.22	16,798.000	359.76
19.500	0.36	183.85	186.21	0.96	0.22	16,651.000	359.74
19.550	0.36	182.22	184.58	0.96	0.22	16,504.000	359.73
19.600	0.36	180.59	182.94	0.96	0.22	16,358.000	359.72
19.650	0.36	178.96	181.31	0.96	0.21	16,211.000	359.70
19.700	0.35	177.32	179.67	0.96	0.21	16,064.000	359.69
19.750	0.35	175.69	178.03	0.96	0.21	15,916.000	359.68
19.800	0.35	174.05	176.39	0.96	0.21	15,768.000	359.66
19.850	0.35	172.42	174.75	0.96	0.21	15,621.000	359.65
19.900	0.35	170.78	173.11	0.96	0.21	15,474.000	359.63
19.950	0.35	169.15	171.48	0.96	0.20	15,327.000	359.62
20.000	0.34	167.51	169.84	0.96	0.20	15,180.000	359.61
20.050	0.34	165.88	168.20	0.96	0.20	15,033.000	359.59
20.100	0.34	164.24	166.56	0.96	0.20	14,885.000	359.58
20.150	0.34	162.61	164.92	0.96	0.20	14,737.000	359.57
20.200	0.34	160.98	163.29	0.96	0.19	14,590.000	359.55
20.250	0.34	159.35	161.65	0.96	0.19	14,443.000	359.54
20.300	0.33	157.72	160.02	0.96	0.19	14,297.000	359.52
20.350	0.33	156.09	158.39	0.96	0.19	14,151.000	359.51
20.400	0.33	154.47	156.76	0.96	0.19	14,005.000	359.50
20.450	0.33	152.84	155.13	0.96	0.18	13,857.000	359.48
20.500	0.33	151.22	153.50	0.96	0.18	13,710.000	359.47
20.550	0.33	149.59	151.87	0.96	0.18	13,564.000	359.45
20.600	0.33	147.97	150.25	0.96	0.18	13,418.000	359.44
20.650	0.32	146.35	148.62	0.96	0.18	13,272.000	359.43
20.700	0.32	144.73	147.00	0.96	0.17	13,127.000	359.41
20.750	0.32	143.11	145.38	0.96	0.17	12,982.000	359.40
20.800	0.32	141.50	143.76	0.96	0.17	12,835.000	359.38
20.850	0.32	139.89	142.14	0.96	0.17	12,690.000	359.37
20.900	0.32	138.28	140.52	0.96	0.16	12,544.000	359.35
20.950	0.32	136.67	138.91	0.96	0.16	12,399.000	359.34

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
21.000	0.32	135.06	137.30	0.96	0.16	12,255.000	359.33
21.050	0.31	133.46	135.69	0.96	0.16	12,111.000	359.31
21.100	0.31	131.86	134.09	0.96	0.15	11,967.000	359.30
21.150	0.31	130.26	132.48	0.96	0.15	11,822.000	359.28
21.200	0.31	128.66	130.88	0.96	0.15	11,678.000	359.27
21.250	0.31	127.07	129.28	0.96	0.15	11,534.000	359.26
21.300	0.31	125.47	127.68	0.96	0.14	11,390.000	359.24
21.350	0.30	123.89	126.09	0.96	0.14	11,247.000	359.23
21.400	0.30	122.30	124.49	0.96	0.14	11,105.000	359.21
21.450	0.30	120.72	122.90	0.96	0.13	10,963.000	359.20
21.500	0.30	119.13	121.32	0.96	0.13	10,819.000	359.18
21.550	0.30	117.55	119.73	0.96	0.13	10,676.000	359.17
21.600	0.30	115.98	118.15	0.96	0.12	10,534.000	359.16
21.650	0.30	114.41	116.58	0.96	0.12	10,393.000	359.14
21.700	0.29	112.85	115.00	0.96	0.12	10,252.000	359.13
21.750	0.29	111.28	113.43	0.96	0.12	10,111.000	359.11
21.800	0.29	109.73	111.87	0.96	0.11	9,972.000	359.10
21.850	0.29	108.17	110.31	0.96	0.11	9,831.000	359.09
21.900	0.29	106.63	108.75	0.96	0.10	9,690.000	359.07
21.950	0.29	105.08	107.20	0.96	0.10	9,551.000	359.06
22.000	0.29	103.54	105.66	0.96	0.10	9,412.000	359.04
22.050	0.28	102.01	104.11	0.96	0.09	9,274.000	359.03
22.100	0.28	100.48	102.58	0.96	0.09	9,137.000	359.01
22.150	0.28	98.96	101.05	0.96	0.08	9,000.000	359.00
22.200	0.28	97.45	99.52	0.96	0.08	8,863.000	358.99
22.250	0.28	95.95	98.01	0.96	0.07	8,727.000	358.97
22.300	0.28	94.46	96.50	0.96	0.06	8,591.000	358.96
22.350	0.28	92.98	95.01	0.96	0.06	8,458.000	358.94
22.400	0.27	91.51	93.53	0.96	0.05	8,325.000	358.93
22.450	0.27	90.06	92.06	0.96	0.04	8,194.000	358.92
22.500	0.27	88.61	90.60	0.96	0.04	8,064.000	358.90
22.550	0.27	87.17	89.15	0.96	0.03	7,934.000	358.89
22.600	0.27	85.74	87.71	0.96	0.03	7,804.000	358.88
22.650	0.27	84.31	86.27	0.96	0.02	7,675.000	358.86
22.700	0.27	82.89	84.84	0.96	0.02	7,546.000	358.85
22.750	0.26	81.47	83.42	0.96	0.01	7,418.000	358.84
22.800	0.26	80.05	81.99	0.96	0.01	7,291.000	358.82
22.850	0.26	78.64	80.58	0.96	0.01	7,164.000	358.81
22.900	0.26	77.24	79.16	0.96	0.00	7,038.000	358.80
22.950	0.26	75.83	77.76	0.96	0.00	6,911.000	358.78
23.000	0.26	74.42	76.35	0.96	0.00	6,784.000	358.77
23.050	0.25	73.02	74.94	0.96	0.00	6,658.000	358.75

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
23.100	0.25	71.60	73.52	0.96	0.00	6,530.000	358.74
23.150	0.25	70.19	72.11	0.96	0.00	6,403.000	358.73
23.200	0.25	68.77	70.69	0.96	0.00	6,275.000	358.71
23.250	0.25	67.35	69.27	0.96	0.00	6,148.000	358.70
23.300	0.25	65.93	67.85	0.96	0.00	6,019.000	358.69
23.350	0.25	64.50	66.42	0.96	0.00	5,890.000	358.67
23.400	0.25	63.08	65.00	0.96	0.00	5,762.000	358.66
23.450	0.24	61.65	63.57	0.96	0.00	5,633.000	358.64
23.500	0.24	60.22	62.14	0.96	0.00	5,504.000	358.63
23.550	0.24	58.78	60.70	0.96	0.00	5,375.000	358.62
23.600	0.24	57.34	59.26	0.96	0.00	5,247.000	358.60
23.650	0.24	55.89	57.81	0.96	0.00	5,116.000	358.59
23.700	0.24	54.45	56.37	0.96	0.00	4,985.000	358.57
23.750	0.24	53.00	54.92	0.96	0.00	4,855.000	358.56
23.800	0.23	51.55	53.47	0.96	0.00	4,724.000	358.55
23.850	0.23	50.10	52.02	0.96	0.00	4,593.000	358.53
23.900	0.23	48.64	50.56	0.96	0.00	4,463.000	358.52
23.950	0.23	47.17	49.09	0.96	0.00	4,332.000	358.50
24.000	0.23	45.71	47.63	0.96	0.00	4,199.000	358.49
24.050	0.14	44.16	46.08	0.96	0.00	4,059.000	358.47
24.100	0.03	42.42	44.34	0.96	0.00	3,902.000	358.45
24.150	0.01	40.54	42.46	0.96	0.00	3,734.000	358.43
24.200	0.00	38.63	40.55	0.96	0.00	3,562.000	358.42
24.250	0.00	36.71	38.63	0.96	0.00	3,390.000	358.40
24.300	0.00	34.79	36.71	0.96	0.00	3,216.000	358.38
24.350	0.00	32.87	34.79	0.96	0.00	3,043.000	358.36
24.400	0.00	30.95	32.87	0.96	0.00	2,870.000	358.34
24.450	0.00	29.03	30.95	0.96	0.00	2,698.000	358.32
24.500	0.00	27.11	29.03	0.96	0.00	2,526.000	358.30
24.550	0.00	25.19	27.11	0.96	0.00	2,353.000	358.28
24.600	0.00	23.27	25.19	0.96	0.00	2,179.000	358.26
24.650	0.00	21.35	23.27	0.96	0.00	2,007.000	358.24
24.700	0.00	19.43	21.35	0.96	0.00	1,834.000	358.22
24.750	0.00	17.51	19.43	0.96	0.00	1,662.000	358.20
24.800	0.00	15.59	17.51	0.96	0.00	1,489.000	358.18
24.850	0.00	13.67	15.59	0.96	0.00	1,315.000	358.16
24.900	0.00	11.75	13.67	0.96	0.00	1,143.000	358.14
24.950	0.00	9.83	11.75	0.96	0.00	970.000	358.12
25.000	0.00	7.99	9.83	0.92	0.00	802.000	358.10
25.050	0.00	6.49	7.99	0.75	0.00	650.000	358.08
25.100	0.00	5.27	6.49	0.61	0.00	528.000	358.06
25.150	0.00	4.29	5.27	0.49	0.00	428.000	358.05

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
25.200	0.00	3.48	4.29	0.40	0.00	348.000	358.04
25.250	0.00	2.83	3.48	0.33	0.00	282.000	358.03
25.300	0.00	2.30	2.83	0.27	0.00	229.000	358.03
25.350	0.00	1.87	2.30	0.22	0.00	186.000	358.02
25.400	0.00	1.52	1.87	0.18	0.00	151.000	358.02
25.450	0.00	1.23	1.52	0.14	0.00	123.000	358.01
25.500	0.00	1.00	1.23	0.12	0.00	100.000	358.01
25.550	0.00	0.81	1.00	0.09	0.00	81.000	358.01
25.600	0.00	0.66	0.81	0.08	0.00	66.000	358.01
25.650	0.00	0.54	0.66	0.06	0.00	54.000	358.01
25.700	0.00	0.44	0.54	0.05	0.00	44.000	358.01
25.750	0.00	0.35	0.44	0.04	0.00	35.000	358.00
25.800	0.00	0.29	0.35	0.03	0.00	29.000	358.00
25.850	0.00	0.23	0.29	0.03	0.00	23.000	358.00
25.900	0.00	0.19	0.23	0.02	0.00	19.000	358.00
25.950	0.00	0.15	0.19	0.02	0.00	15.000	358.00
26.000	0.00	0.13	0.15	0.01	0.00	13.000	358.00
26.050	0.00	0.10	0.13	0.01	0.00	10.000	358.00
26.100	0.00	0.08	0.10	0.01	0.00	8.000	358.00
26.150	0.00	0.07	0.08	0.01	0.00	7.000	358.00
26.200	0.00	0.05	0.07	0.01	0.00	5.000	358.00
26.250	0.00	0.04	0.05	0.01	0.00	4.000	358.00
26.300	0.00	0.04	0.04	0.00	0.00	4.000	358.00
26.350	0.00	0.03	0.04	0.00	0.00	3.000	358.00
26.400	0.00	0.02	0.03	0.00	0.00	2.000	358.00
26.450	0.00	0.02	0.02	0.00	0.00	2.000	358.00
26.500	0.00	0.02	0.02	0.00	0.00	2.000	358.00
26.550	0.00	0.01	0.02	0.00	0.00	1.000	358.00
26.600	0.00	0.01	0.01	0.00	0.00	1.000	358.00
26.650	0.00	0.01	0.01	0.00	0.00	1.000	358.00
26.700	0.00	0.01	0.01	0.00	0.00	0.000	358.00
26.750	0.00	0.01	0.01	0.00	0.00	0.000	358.00
26.800	0.00	0.00	0.01	0.00	0.00	0.000	358.00
26.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
26.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
27.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
27.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
28.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
29.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
29.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
30.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
31.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
31.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
32.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
33.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
35.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
0.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
1.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
2.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
2.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
3.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
4.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
4.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
5.650	0.01	0.01	0.01	0.00	0.00	1.000	358.00
5.700	0.01	0.02	0.03	0.00	0.00	2.000	358.00
5.750	0.02	0.04	0.05	0.00	0.00	4.000	358.00
5.800	0.02	0.06	0.07	0.01	0.00	6.000	358.00
5.850	0.02	0.08	0.10	0.01	0.00	8.000	358.00
5.900	0.03	0.11	0.14	0.01	0.00	11.000	358.00
5.950	0.03	0.14	0.17	0.02	0.00	14.000	358.00
6.000	0.04	0.17	0.21	0.02	0.00	17.000	358.00
6.050	0.04	0.20	0.25	0.02	0.00	20.000	358.00
6.100	0.05	0.23	0.29	0.03	0.00	23.000	358.00
6.150	0.05	0.27	0.33	0.03	0.00	27.000	358.00
6.200	0.06	0.31	0.38	0.04	0.00	30.000	358.00
6.250	0.06	0.34	0.42	0.04	0.00	34.000	358.00
6.300	0.07	0.38	0.47	0.04	0.00	38.000	358.00
6.350	0.07	0.43	0.53	0.05	0.00	43.000	358.01
6.400	0.08	0.47	0.58	0.05	0.00	47.000	358.01
6.450	0.09	0.52	0.63	0.06	0.00	51.000	358.01

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
6.500	0.09	0.56	0.69	0.06	0.00	56.000	358.01
6.550	0.10	0.61	0.75	0.07	0.00	61.000	358.01
6.600	0.10	0.66	0.81	0.08	0.00	66.000	358.01
6.650	0.11	0.71	0.88	0.08	0.00	71.000	358.01
6.700	0.12	0.77	0.94	0.09	0.00	76.000	358.01
6.750	0.13	0.82	1.01	0.09	0.00	82.000	358.01
6.800	0.13	0.88	1.08	0.10	0.00	87.000	358.01
6.850	0.14	0.93	1.15	0.11	0.00	93.000	358.01
6.900	0.15	0.99	1.22	0.11	0.00	99.000	358.01
6.950	0.16	1.05	1.30	0.12	0.00	105.000	358.01
7.000	0.16	1.11	1.37	0.13	0.00	111.000	358.01
7.050	0.17	1.18	1.45	0.14	0.00	117.000	358.01
7.100	0.18	1.24	1.53	0.14	0.00	124.000	358.01
7.150	0.19	1.31	1.61	0.15	0.00	130.000	358.02
7.200	0.20	1.38	1.69	0.16	0.00	137.000	358.02
7.250	0.21	1.45	1.78	0.17	0.00	144.000	358.02
7.300	0.22	1.52	1.87	0.17	0.00	151.000	358.02
7.350	0.22	1.59	1.96	0.18	0.00	158.000	358.02
7.400	0.23	1.66	2.05	0.19	0.00	166.000	358.02
7.450	0.24	1.74	2.14	0.20	0.00	173.000	358.02
7.500	0.25	1.81	2.23	0.21	0.00	181.000	358.02
7.550	0.26	1.89	2.33	0.22	0.00	189.000	358.02
7.600	0.27	1.97	2.42	0.23	0.00	196.000	358.02
7.650	0.28	2.05	2.52	0.24	0.00	204.000	358.02
7.700	0.29	2.13	2.62	0.25	0.00	213.000	358.03
7.750	0.30	2.22	2.73	0.26	0.00	221.000	358.03
7.800	0.31	2.30	2.83	0.27	0.00	229.000	358.03
7.850	0.32	2.38	2.93	0.28	0.00	238.000	358.03
7.900	0.33	2.47	3.04	0.29	0.00	247.000	358.03
7.950	0.35	2.56	3.15	0.30	0.00	256.000	358.03
8.000	0.36	2.65	3.26	0.31	0.00	265.000	358.03
8.050	0.37	2.74	3.38	0.32	0.00	274.000	358.03
8.100	0.38	2.84	3.49	0.33	0.00	283.000	358.03
8.150	0.40	2.94	3.62	0.34	0.00	294.000	358.04
8.200	0.42	3.05	3.76	0.35	0.00	305.000	358.04
8.250	0.43	3.17	3.90	0.37	0.00	317.000	358.04
8.300	0.45	3.29	4.05	0.38	0.00	329.000	358.04
8.350	0.47	3.42	4.21	0.40	0.00	342.000	358.04
8.400	0.49	3.56	4.38	0.41	0.00	356.000	358.04
8.450	0.51	3.70	4.55	0.43	0.00	370.000	358.04
8.500	0.53	3.85	4.73	0.44	0.00	384.000	358.05
8.550	0.55	4.00	4.92	0.46	0.00	400.000	358.05

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
8.600	0.57	4.15	5.11	0.48	0.00	415.000	358.05
8.650	0.59	4.31	5.31	0.50	0.00	431.000	358.05
8.700	0.61	4.48	5.51	0.52	0.00	448.000	358.05
8.750	0.63	4.65	5.72	0.54	0.00	465.000	358.06
8.800	0.65	4.82	5.93	0.56	0.00	482.000	358.06
8.850	0.68	4.99	6.15	0.58	0.00	500.000	358.06
8.900	0.70	5.17	6.37	0.60	0.00	518.000	358.06
8.950	0.72	5.36	6.60	0.62	0.00	536.000	358.06
9.000	0.75	5.55	6.83	0.64	0.00	555.000	358.07
9.050	0.77	5.74	7.06	0.66	0.00	575.000	358.07
9.100	0.80	5.94	7.31	0.68	0.00	594.000	358.07
9.150	0.82	6.14	7.55	0.71	0.00	615.000	358.07
9.200	0.84	6.34	7.80	0.73	0.00	635.000	358.08
9.250	0.87	6.54	8.05	0.75	0.00	656.000	358.08
9.300	0.90	6.76	8.31	0.78	0.00	677.000	358.08
9.350	0.92	6.97	8.58	0.80	0.00	699.000	358.08
9.400	0.95	7.19	8.84	0.83	0.00	721.000	358.09
9.450	0.98	7.41	9.12	0.85	0.00	743.000	358.09
9.500	1.01	7.63	9.39	0.88	0.00	766.000	358.09
9.550	1.03	7.86	9.67	0.91	0.00	789.000	358.09
9.600	1.06	8.09	9.96	0.93	0.00	812.000	358.10
9.650	1.09	8.32	10.24	0.96	0.00	836.000	358.10
9.700	1.12	8.62	10.54	0.96	0.00	862.000	358.10
9.750	1.15	8.97	10.89	0.96	0.00	893.000	358.11
9.800	1.18	9.38	11.30	0.96	0.00	930.000	358.11
9.850	1.21	9.85	11.77	0.96	0.00	972.000	358.12
9.900	1.24	10.38	12.30	0.96	0.00	1,020.000	358.12
9.950	1.27	10.98	12.90	0.96	0.00	1,073.000	358.13
10.000	1.30	11.63	13.55	0.96	0.00	1,132.000	358.14
10.050	1.34	12.36	14.28	0.96	0.00	1,197.000	358.14
10.100	1.38	13.16	15.08	0.96	0.00	1,269.000	358.15
10.150	1.43	14.05	15.97	0.96	0.00	1,349.000	358.16
10.200	1.48	15.03	16.95	0.96	0.00	1,438.000	358.17
10.250	1.53	16.12	18.04	0.96	0.00	1,537.000	358.18
10.300	1.58	17.32	19.24	0.96	0.00	1,645.000	358.20
10.350	1.64	18.62	20.54	0.96	0.00	1,762.000	358.21
10.400	1.69	20.03	21.95	0.96	0.00	1,888.000	358.22
10.450	1.75	21.55	23.47	0.96	0.00	2,024.000	358.24
10.500	1.80	23.17	25.09	0.96	0.00	2,170.000	358.26
10.550	1.86	24.92	26.84	0.96	0.00	2,328.000	358.27
10.600	1.92	26.77	28.69	0.96	0.00	2,496.000	358.29
10.650	1.98	28.75	30.67	0.96	0.00	2,673.000	358.31

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
10.700	2.03	30.84	32.76	0.96	0.00	2,860.000	358.34
10.750	2.09	33.04	34.96	0.96	0.00	3,059.000	358.36
10.800	2.16	35.38	37.30	0.96	0.00	3,269.000	358.38
10.850	2.22	37.83	39.75	0.96	0.00	3,490.000	358.41
10.900	2.28	40.41	42.33	0.96	0.00	3,721.000	358.43
10.950	2.34	43.11	45.03	0.96	0.00	3,964.000	358.46
11.000	2.41	45.94	47.86	0.96	0.00	4,220.000	358.49
11.050	2.51	48.94	50.86	0.96	0.00	4,490.000	358.52
11.100	2.64	52.17	54.09	0.96	0.00	4,780.000	358.55
11.150	2.81	55.70	57.62	0.96	0.00	5,098.000	358.59
11.200	2.99	59.58	61.50	0.96	0.00	5,447.000	358.62
11.250	3.19	63.84	65.76	0.96	0.00	5,830.000	358.67
11.300	3.39	68.49	70.41	0.96	0.00	6,250.000	358.71
11.350	3.59	73.55	75.47	0.96	0.00	6,705.000	358.76
11.400	3.80	79.00	80.93	0.96	0.01	7,196.000	358.81
11.450	4.01	84.83	86.80	0.96	0.02	7,722.000	358.87
11.500	4.23	91.06	93.07	0.96	0.05	8,284.000	358.93
11.550	5.01	98.21	100.29	0.96	0.08	8,932.000	358.99
11.600	5.97	107.06	109.19	0.96	0.10	9,730.000	359.07
11.650	7.57	118.42	120.60	0.96	0.13	10,754.000	359.18
11.700	9.40	133.15	135.38	0.96	0.16	12,083.000	359.31
11.750	11.34	151.60	153.88	0.96	0.18	13,745.000	359.47
11.800	13.38	173.97	176.31	0.96	0.21	15,761.000	359.66
11.850	15.51	200.46	202.85	0.96	0.24	18,148.000	359.88
11.900	17.78	231.29	233.74	0.96	0.26	20,925.000	360.13
11.950	25.49	272.05	274.56	0.96	0.30	24,596.000	360.44
12.000	35.06	330.02	332.60	0.96	0.33	29,816.000	360.86
12.050	38.30	400.70	403.37	0.96	0.37	36,181.000	361.35
12.100	39.64	475.91	478.64	0.96	0.41	42,953.000	361.83
12.150	33.02	545.34	548.57	0.96	0.65	49,224.000	362.26
12.200	23.96	594.32	602.32	0.96	3.04	53,847.000	362.56
12.250	20.11	625.73	638.39	0.96	5.37	56,883.000	362.75
12.300	17.63	647.16	663.48	0.96	7.20	58,977.000	362.88
12.350	15.43	661.29	680.22	0.96	8.51	60,366.000	362.96
12.400	13.28	669.50	690.00	0.96	9.29	61,176.000	363.01
12.450	11.12	672.75	693.90	0.96	9.62	61,497.000	363.03
12.500	8.93	671.83	692.80	0.96	9.52	61,407.000	363.03
12.550	7.48	668.03	688.24	0.96	9.15	61,032.000	363.00
12.600	6.21	662.54	681.71	0.96	8.63	60,490.000	362.97
12.650	5.72	656.44	674.46	0.96	8.05	59,889.000	362.94
12.700	5.43	650.65	667.59	0.96	7.51	59,321.000	362.90
12.750	5.19	645.29	661.28	0.96	7.04	58,794.000	362.87

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
12.800	4.96	640.33	655.45	0.96	6.60	58,308.000	362.84
12.850	4.74	635.72	650.03	0.96	6.19	57,858.000	362.81
12.900	4.51	631.39	644.97	0.96	5.83	57,435.000	362.78
12.950	4.28	627.26	640.17	0.96	5.49	57,032.000	362.76
13.000	4.04	623.32	635.58	0.96	5.17	56,649.000	362.73
13.050	3.88	619.59	631.24	0.96	4.87	56,286.000	362.71
13.100	3.73	616.09	627.19	0.96	4.59	55,947.000	362.69
13.150	3.65	612.83	623.46	0.96	4.35	55,631.000	362.67
13.200	3.58	609.87	620.06	0.96	4.13	55,345.000	362.65
13.250	3.52	607.19	616.98	0.96	3.94	55,086.000	362.64
13.300	3.46	604.75	614.18	0.96	3.75	54,850.000	362.62
13.350	3.40	602.52	611.61	0.96	3.59	54,635.000	362.61
13.400	3.34	600.46	609.26	0.96	3.44	54,437.000	362.60
13.450	3.28	598.53	607.09	0.96	3.32	54,252.000	362.58
13.500	3.23	596.73	605.04	0.96	3.20	54,078.000	362.57
13.550	3.17	595.03	603.12	0.96	3.09	53,914.000	362.56
13.600	3.11	593.41	601.30	0.96	2.98	53,760.000	362.55
13.650	3.05	591.88	599.56	0.96	2.88	53,613.000	362.54
13.700	2.99	590.42	597.91	0.96	2.79	53,473.000	362.53
13.750	2.93	589.03	596.33	0.96	2.69	53,340.000	362.53
13.800	2.86	587.69	594.82	0.96	2.61	53,211.000	362.52
13.850	2.80	586.39	593.35	0.96	2.52	53,088.000	362.51
13.900	2.74	585.14	591.94	0.96	2.44	52,968.000	362.50
13.950	2.68	583.91	590.57	0.96	2.37	52,851.000	362.49
14.000	2.62	582.69	589.21	0.96	2.30	52,735.000	362.49
14.050	2.57	581.50	587.89	0.96	2.23	52,621.000	362.48
14.100	2.53	580.34	586.60	0.96	2.17	52,510.000	362.47
14.150	2.49	579.22	585.36	0.96	2.11	52,404.000	362.47
14.200	2.47	578.16	584.18	0.96	2.05	52,303.000	362.46
14.250	2.44	577.16	583.07	0.96	1.99	52,208.000	362.45
14.300	2.41	576.20	582.00	0.96	1.94	52,117.000	362.45
14.350	2.38	575.29	580.98	0.96	1.89	52,030.000	362.44
14.400	2.35	574.41	580.01	0.96	1.84	51,947.000	362.44
14.450	2.32	573.57	579.08	0.96	1.79	51,868.000	362.43
14.500	2.29	572.77	578.18	0.96	1.75	51,791.000	362.43
14.550	2.26	571.99	577.32	0.96	1.71	51,717.000	362.42
14.600	2.23	571.23	576.48	0.96	1.66	51,646.000	362.42
14.650	2.20	570.50	575.67	0.96	1.62	51,577.000	362.41
14.700	2.17	569.79	574.88	0.96	1.58	51,510.000	362.41
14.750	2.14	569.10	574.11	0.96	1.55	51,444.000	362.40
14.800	2.12	568.42	573.36	0.96	1.51	51,380.000	362.40
14.850	2.09	567.74	572.63	0.96	1.48	51,316.000	362.39

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
14.900	2.06	567.06	571.89	0.96	1.45	51,252.000	362.39
14.950	2.03	566.38	571.15	0.96	1.42	51,188.000	362.39
15.000	2.00	565.70	570.41	0.96	1.39	51,124.000	362.38
15.050	1.97	565.02	569.67	0.96	1.36	51,060.000	362.38
15.100	1.94	564.34	568.93	0.96	1.33	50,996.000	362.37
15.150	1.91	563.66	568.19	0.96	1.31	50,932.000	362.37
15.200	1.88	562.98	567.45	0.96	1.28	50,868.000	362.37
15.250	1.85	562.30	566.71	0.96	1.25	50,804.000	362.36
15.300	1.82	561.62	565.97	0.96	1.22	50,739.000	362.36
15.350	1.79	560.93	565.23	0.96	1.19	50,675.000	362.35
15.400	1.76	560.25	564.49	0.96	1.16	50,611.000	362.35
15.450	1.73	559.57	563.75	0.96	1.13	50,547.000	362.34
15.500	1.70	558.88	563.00	0.96	1.10	50,483.000	362.34
15.550	1.67	558.20	562.26	0.96	1.07	50,418.000	362.34
15.600	1.64	557.51	561.51	0.96	1.04	50,354.000	362.33
15.650	1.61	556.83	560.77	0.96	1.01	50,290.000	362.33
15.700	1.58	556.14	560.02	0.96	0.98	50,226.000	362.32
15.750	1.55	555.45	559.28	0.96	0.95	50,161.000	362.32
15.800	1.53	554.77	558.53	0.96	0.92	50,097.000	362.32
15.850	1.49	554.08	557.79	0.96	0.89	50,033.000	362.31
15.900	1.46	553.39	557.04	0.96	0.86	49,969.000	362.31
15.950	1.43	552.70	556.29	0.96	0.83	49,904.000	362.30
16.000	1.41	552.00	555.54	0.96	0.81	49,839.000	362.30
16.050	1.38	551.28	554.79	0.96	0.79	49,773.000	362.29
16.100	1.36	550.56	554.03	0.96	0.78	49,706.000	362.29
16.150	1.34	549.83	553.26	0.96	0.76	49,638.000	362.28
16.200	1.33	549.10	552.50	0.96	0.74	49,571.000	362.28
16.250	1.32	548.38	551.74	0.96	0.72	49,504.000	362.28
16.300	1.31	547.66	551.00	0.96	0.71	49,438.000	362.27
16.350	1.29	546.96	550.26	0.96	0.69	49,373.000	362.27
16.400	1.28	546.26	549.53	0.96	0.67	49,309.000	362.26
16.450	1.27	545.57	548.81	0.96	0.66	49,245.000	362.26
16.500	1.26	544.88	548.09	0.96	0.64	49,182.000	362.25
16.550	1.24	544.21	547.38	0.96	0.63	49,119.000	362.25
16.600	1.23	543.53	546.67	0.96	0.61	49,057.000	362.25
16.650	1.21	542.86	545.97	0.96	0.59	48,995.000	362.24
16.700	1.20	542.20	545.28	0.96	0.58	48,935.000	362.24
16.750	1.19	541.55	544.59	0.96	0.56	48,874.000	362.23
16.800	1.17	540.89	543.91	0.96	0.55	48,814.000	362.23
16.850	1.16	540.24	543.23	0.96	0.53	48,754.000	362.23
16.900	1.15	539.60	542.56	0.96	0.52	48,695.000	362.22
16.950	1.14	538.96	541.89	0.96	0.50	48,637.000	362.22

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
17.000	1.12	538.32	541.22	0.96	0.49	48,578.000	362.21
17.050	1.11	537.69	540.56	0.96	0.47	48,520.000	362.21
17.100	1.10	537.06	539.90	0.96	0.46	48,463.000	362.21
17.150	1.09	536.44	539.25	0.96	0.44	48,406.000	362.20
17.200	1.07	535.81	538.59	0.96	0.43	48,348.000	362.20
17.250	1.06	535.16	537.94	0.96	0.43	48,289.000	362.20
17.300	1.05	534.49	537.27	0.96	0.43	48,228.000	362.19
17.350	1.03	533.79	536.57	0.96	0.43	48,165.000	362.19
17.400	1.02	533.06	535.84	0.96	0.43	48,099.000	362.18
17.450	1.01	532.30	535.08	0.96	0.43	48,031.000	362.18
17.500	1.00	531.52	534.30	0.96	0.43	47,961.000	362.17
17.550	0.98	530.72	533.50	0.96	0.43	47,888.000	362.17
17.600	0.97	529.89	532.67	0.96	0.43	47,813.000	362.16
17.650	0.95	529.04	531.81	0.96	0.43	47,736.000	362.16
17.700	0.94	528.16	530.93	0.96	0.43	47,657.000	362.15
17.750	0.93	527.25	530.03	0.96	0.43	47,575.000	362.15
17.800	0.91	526.32	529.09	0.96	0.43	47,492.000	362.14
17.850	0.90	525.36	528.14	0.96	0.43	47,405.000	362.14
17.900	0.89	524.38	527.15	0.96	0.43	47,317.000	362.13
17.950	0.88	523.38	526.15	0.96	0.43	47,227.000	362.12
18.000	0.86	522.34	525.11	0.96	0.43	47,134.000	362.12
18.050	0.85	521.28	524.05	0.96	0.43	47,039.000	362.11
18.100	0.84	520.21	522.98	0.96	0.42	46,943.000	362.11
18.150	0.84	519.12	521.89	0.96	0.42	46,845.000	362.10
18.200	0.84	518.03	520.80	0.96	0.42	46,746.000	362.09
18.250	0.83	516.93	519.69	0.96	0.42	46,647.000	362.09
18.300	0.83	515.82	518.59	0.96	0.42	46,547.000	362.08
18.350	0.82	514.70	517.47	0.96	0.42	46,446.000	362.07
18.400	0.82	513.58	516.35	0.96	0.42	46,345.000	362.07
18.450	0.82	512.46	515.22	0.96	0.42	46,243.000	362.06
18.500	0.81	511.32	514.08	0.96	0.42	46,141.000	362.05
18.550	0.81	510.18	512.94	0.96	0.42	46,038.000	362.04
18.600	0.80	509.03	511.79	0.96	0.42	45,935.000	362.04
18.650	0.80	507.87	510.63	0.96	0.42	45,831.000	362.03
18.700	0.80	506.71	509.47	0.96	0.42	45,727.000	362.02
18.750	0.79	505.54	508.30	0.96	0.42	45,622.000	362.02
18.800	0.79	504.37	507.12	0.96	0.42	45,516.000	362.01
18.850	0.78	503.18	505.94	0.96	0.42	45,410.000	362.00
18.900	0.78	501.99	504.75	0.96	0.42	45,303.000	361.99
18.950	0.78	500.80	503.55	0.96	0.42	45,195.000	361.99
19.000	0.77	499.59	502.35	0.96	0.42	45,086.000	361.98
19.050	0.77	498.38	501.14	0.96	0.42	44,977.000	361.97

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
19.100	0.76	497.17	499.92	0.96	0.42	44,867.000	361.96
19.150	0.76	495.94	498.69	0.96	0.41	44,756.000	361.96
19.200	0.76	494.71	497.46	0.96	0.41	44,646.000	361.95
19.250	0.75	493.48	496.22	0.96	0.41	44,534.000	361.94
19.300	0.75	492.23	494.98	0.96	0.41	44,422.000	361.93
19.350	0.75	490.98	493.72	0.96	0.41	44,310.000	361.93
19.400	0.74	489.72	492.47	0.96	0.41	44,197.000	361.92
19.450	0.74	488.46	491.20	0.96	0.41	44,084.000	361.91
19.500	0.73	487.19	489.93	0.96	0.41	43,970.000	361.90
19.550	0.73	485.91	488.65	0.96	0.41	43,855.000	361.90
19.600	0.73	484.62	487.36	0.96	0.41	43,738.000	361.89
19.650	0.72	483.33	486.07	0.96	0.41	43,622.000	361.88
19.700	0.72	482.04	484.77	0.96	0.41	43,505.000	361.87
19.750	0.71	480.73	483.47	0.96	0.41	43,387.000	361.86
19.800	0.71	479.42	482.15	0.96	0.41	43,269.000	361.85
19.850	0.71	478.10	480.84	0.96	0.41	43,150.000	361.85
19.900	0.70	476.78	479.51	0.96	0.41	43,031.000	361.84
19.950	0.70	475.44	478.18	0.96	0.41	42,911.000	361.83
20.000	0.70	474.11	476.84	0.96	0.41	42,791.000	361.82
20.050	0.69	472.76	475.49	0.96	0.40	42,671.000	361.81
20.100	0.69	471.41	474.14	0.96	0.40	42,549.000	361.80
20.150	0.68	470.05	472.78	0.96	0.40	42,427.000	361.80
20.200	0.68	468.70	471.42	0.96	0.40	42,304.000	361.79
20.250	0.68	467.33	470.06	0.96	0.40	42,181.000	361.78
20.300	0.68	465.97	468.69	0.96	0.40	42,058.000	361.77
20.350	0.67	464.59	467.31	0.96	0.40	41,934.000	361.76
20.400	0.67	463.21	465.93	0.96	0.40	41,809.000	361.75
20.450	0.67	461.83	464.55	0.96	0.40	41,685.000	361.74
20.500	0.66	460.44	463.16	0.96	0.40	41,560.000	361.74
20.550	0.66	459.05	461.76	0.96	0.40	41,435.000	361.73
20.600	0.66	457.65	460.37	0.96	0.40	41,309.000	361.72
20.650	0.65	456.25	458.96	0.96	0.40	41,184.000	361.71
20.700	0.65	454.84	457.55	0.96	0.40	41,057.000	361.70
20.750	0.65	453.42	456.13	0.96	0.40	40,929.000	361.69
20.800	0.65	452.01	454.72	0.96	0.40	40,801.000	361.68
20.850	0.64	450.59	453.30	0.96	0.40	40,673.000	361.67
20.900	0.64	449.16	451.87	0.96	0.39	40,544.000	361.66
20.950	0.64	447.73	450.44	0.96	0.39	40,415.000	361.65
21.000	0.64	446.30	449.00	0.96	0.39	40,286.000	361.64
21.050	0.63	444.86	447.57	0.96	0.39	40,157.000	361.64
21.100	0.63	443.42	446.12	0.96	0.39	40,028.000	361.63
21.150	0.63	441.97	444.67	0.96	0.39	39,898.000	361.62

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
21.200	0.62	440.52	443.22	0.96	0.39	39,768.000	361.61
21.250	0.62	439.06	441.76	0.96	0.39	39,637.000	361.60
21.300	0.62	437.60	440.30	0.96	0.39	39,504.000	361.59
21.350	0.61	436.13	438.83	0.96	0.39	39,372.000	361.58
21.400	0.61	434.66	437.36	0.96	0.39	39,239.000	361.57
21.450	0.61	433.19	435.88	0.96	0.39	39,106.000	361.56
21.500	0.60	431.70	434.40	0.96	0.39	38,972.000	361.55
21.550	0.60	430.22	432.91	0.96	0.39	38,838.000	361.54
21.600	0.60	428.73	431.42	0.96	0.39	38,705.000	361.53
21.650	0.60	427.24	429.92	0.96	0.38	38,571.000	361.52
21.700	0.59	425.74	428.42	0.96	0.38	38,436.000	361.51
21.750	0.59	424.23	426.92	0.96	0.38	38,302.000	361.50
21.800	0.59	422.73	425.41	0.96	0.38	38,166.000	361.49
21.850	0.59	421.22	423.90	0.96	0.38	38,029.000	361.48
21.900	0.58	419.71	422.39	0.96	0.38	37,893.000	361.47
21.950	0.58	418.19	420.87	0.96	0.38	37,755.000	361.46
22.000	0.58	416.66	419.34	0.96	0.38	37,618.000	361.45
22.050	0.57	415.13	417.81	0.96	0.38	37,480.000	361.44
22.100	0.57	413.60	416.27	0.96	0.38	37,342.000	361.43
22.150	0.57	412.06	414.74	0.96	0.38	37,204.000	361.42
22.200	0.56	410.52	413.19	0.96	0.38	37,066.000	361.41
22.250	0.56	408.97	411.64	0.96	0.38	36,928.000	361.40
22.300	0.56	407.42	410.09	0.96	0.37	36,787.000	361.39
22.350	0.55	405.86	408.53	0.96	0.37	36,646.000	361.38
22.400	0.55	404.30	406.97	0.96	0.37	36,505.000	361.37
22.450	0.55	402.74	405.40	0.96	0.37	36,364.000	361.36
22.500	0.54	401.17	403.83	0.96	0.37	36,223.000	361.35
22.550	0.54	399.59	402.25	0.96	0.37	36,081.000	361.34
22.600	0.54	398.02	400.68	0.96	0.37	35,940.000	361.33
22.650	0.54	396.44	399.10	0.96	0.37	35,798.000	361.32
22.700	0.53	394.86	397.51	0.96	0.37	35,656.000	361.31
22.750	0.53	393.27	395.92	0.96	0.37	35,513.000	361.30
22.800	0.53	391.67	394.32	0.96	0.37	35,369.000	361.29
22.850	0.53	390.07	392.72	0.96	0.37	35,224.000	361.28
22.900	0.52	388.47	391.12	0.96	0.37	35,080.000	361.27
22.950	0.52	386.86	389.51	0.96	0.36	34,935.000	361.25
23.000	0.52	385.25	387.90	0.96	0.36	34,790.000	361.24
23.050	0.51	383.64	386.28	0.96	0.36	34,644.000	361.23
23.100	0.51	382.01	384.66	0.96	0.36	34,499.000	361.22
23.150	0.51	380.38	383.03	0.96	0.36	34,353.000	361.21
23.200	0.51	378.76	381.40	0.96	0.36	34,207.000	361.20
23.250	0.50	377.12	379.76	0.96	0.36	34,059.000	361.19

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
23.300	0.50	375.49	378.12	0.96	0.36	33,911.000	361.18
23.350	0.50	373.84	376.48	0.96	0.36	33,763.000	361.17
23.400	0.50	372.20	374.83	0.96	0.36	33,615.000	361.15
23.450	0.49	370.56	373.19	0.96	0.36	33,466.000	361.14
23.500	0.49	368.90	371.53	0.96	0.35	33,318.000	361.13
23.550	0.48	367.25	369.87	0.96	0.35	33,169.000	361.12
23.600	0.48	365.58	368.21	0.96	0.35	33,020.000	361.11
23.650	0.48	363.92	366.54	0.96	0.35	32,870.000	361.10
23.700	0.48	362.25	364.87	0.96	0.35	32,719.000	361.09
23.750	0.47	360.57	363.19	0.96	0.35	32,568.000	361.08
23.800	0.47	358.90	361.51	0.96	0.35	32,416.000	361.06
23.850	0.46	357.21	359.83	0.96	0.35	32,265.000	361.05
23.900	0.46	355.52	358.14	0.96	0.35	32,113.000	361.04
23.950	0.46	353.83	356.44	0.96	0.35	31,960.000	361.03
24.000	0.46	352.13	354.74	0.96	0.35	31,808.000	361.02
24.050	0.29	350.27	352.88	0.96	0.34	31,641.000	361.00
24.100	0.07	348.02	350.62	0.96	0.34	31,438.000	360.99
24.150	0.02	345.50	348.10	0.96	0.34	31,210.000	360.97
24.200	0.00	342.92	345.52	0.96	0.34	30,978.000	360.95
24.250	0.00	340.32	342.92	0.96	0.34	30,744.000	360.93
24.300	0.00	337.73	340.32	0.96	0.34	30,511.000	360.92
24.350	0.00	335.14	337.73	0.96	0.34	30,279.000	360.90
24.400	0.00	332.55	335.14	0.96	0.33	30,044.000	360.88
24.450	0.00	329.96	332.55	0.96	0.33	29,811.000	360.86
24.500	0.00	327.38	329.96	0.96	0.33	29,578.000	360.84
24.550	0.00	324.80	327.38	0.96	0.33	29,346.000	360.82
24.600	0.00	322.22	324.80	0.96	0.33	29,116.000	360.81
24.650	0.00	319.65	322.22	0.96	0.33	28,883.000	360.79
24.700	0.00	317.08	319.65	0.96	0.33	28,651.000	360.77
24.750	0.00	314.51	317.08	0.96	0.32	28,420.000	360.75
24.800	0.00	311.95	314.51	0.96	0.32	28,189.000	360.73
24.850	0.00	309.39	311.95	0.96	0.32	27,959.000	360.71
24.900	0.00	306.83	309.39	0.96	0.32	27,729.000	360.70
24.950	0.00	304.28	306.83	0.96	0.32	27,498.000	360.68
25.000	0.00	301.72	304.28	0.96	0.32	27,268.000	360.66
25.050	0.00	299.18	301.72	0.96	0.31	27,039.000	360.64
25.100	0.00	296.63	299.18	0.96	0.31	26,810.000	360.62
25.150	0.00	294.09	296.63	0.96	0.31	26,582.000	360.60
25.200	0.00	291.55	294.09	0.96	0.31	26,353.000	360.58
25.250	0.00	289.02	291.55	0.96	0.31	26,124.000	360.56
25.300	0.00	286.49	289.02	0.96	0.31	25,896.000	360.55
25.350	0.00	283.96	286.49	0.96	0.30	25,669.000	360.53

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
25.400	0.00	281.44	283.96	0.96	0.30	25,442.000	360.51
25.450	0.00	278.92	281.44	0.96	0.30	25,215.000	360.49
25.500	0.00	276.40	278.92	0.96	0.30	24,988.000	360.47
25.550	0.00	273.89	276.40	0.96	0.30	24,761.000	360.45
25.600	0.00	271.38	273.89	0.96	0.29	24,535.000	360.43
25.650	0.00	268.87	271.38	0.96	0.29	24,310.000	360.41
25.700	0.00	266.37	268.87	0.96	0.29	24,086.000	360.40
25.750	0.00	263.87	266.37	0.96	0.29	23,859.000	360.38
25.800	0.00	261.37	263.87	0.96	0.29	23,634.000	360.36
25.850	0.00	258.88	261.37	0.96	0.29	23,410.000	360.34
25.900	0.00	256.40	258.88	0.96	0.28	23,186.000	360.32
25.950	0.00	253.91	256.40	0.96	0.28	22,964.000	360.30
26.000	0.00	251.43	253.91	0.96	0.28	22,739.000	360.28
26.050	0.00	248.95	251.43	0.96	0.28	22,515.000	360.26
26.100	0.00	246.48	248.95	0.96	0.28	22,293.000	360.24
26.150	0.00	244.01	246.48	0.96	0.27	22,071.000	360.22
26.200	0.00	241.55	244.01	0.96	0.27	21,850.000	360.21
26.250	0.00	239.09	241.55	0.96	0.27	21,628.000	360.19
26.300	0.00	236.63	239.09	0.96	0.27	21,405.000	360.17
26.350	0.00	234.18	236.63	0.96	0.27	21,184.000	360.15
26.400	0.00	231.73	234.18	0.96	0.26	20,964.000	360.13
26.450	0.00	229.28	231.73	0.96	0.26	20,745.000	360.11
26.500	0.00	226.84	229.28	0.96	0.26	20,525.000	360.09
26.550	0.00	224.40	226.84	0.96	0.26	20,304.000	360.07
26.600	0.00	221.97	224.40	0.96	0.26	20,085.000	360.05
26.650	0.00	219.54	221.97	0.96	0.25	19,866.000	360.03
26.700	0.00	217.12	219.54	0.96	0.25	19,649.000	360.01
26.750	0.00	214.70	217.12	0.96	0.25	19,431.000	359.99
26.800	0.00	212.28	214.70	0.96	0.25	19,213.000	359.97
26.850	0.00	209.87	212.28	0.96	0.25	18,995.000	359.96
26.900	0.00	207.47	209.87	0.96	0.24	18,778.000	359.94
26.950	0.00	205.06	207.47	0.96	0.24	18,563.000	359.92
27.000	0.00	202.67	205.06	0.96	0.24	18,348.000	359.90
27.050	0.00	200.27	202.67	0.96	0.24	18,131.000	359.88
27.100	0.00	197.88	200.27	0.96	0.23	17,915.000	359.86
27.150	0.00	195.50	197.88	0.96	0.23	17,700.000	359.84
27.200	0.00	193.12	195.50	0.96	0.23	17,487.000	359.82
27.250	0.00	190.75	193.12	0.96	0.23	17,274.000	359.80
27.300	0.00	188.38	190.75	0.96	0.22	17,059.000	359.78
27.350	0.00	186.01	188.38	0.96	0.22	16,846.000	359.76
27.400	0.00	183.65	186.01	0.96	0.22	16,633.000	359.74
27.450	0.00	181.30	183.65	0.96	0.22	16,421.000	359.72

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
27.500	0.00	178.95	181.30	0.96	0.21	16,211.000	359.70
27.550	0.00	176.60	178.95	0.96	0.21	15,999.000	359.68
27.600	0.00	174.26	176.60	0.96	0.21	15,787.000	359.66
27.650	0.00	171.93	174.26	0.96	0.21	15,577.000	359.64
27.700	0.00	169.60	171.93	0.96	0.20	15,367.000	359.62
27.750	0.00	167.28	169.60	0.96	0.20	15,159.000	359.60
27.800	0.00	164.96	167.28	0.96	0.20	14,950.000	359.59
27.850	0.00	162.65	164.96	0.96	0.20	14,741.000	359.57
27.900	0.00	160.34	162.65	0.96	0.19	14,533.000	359.55
27.950	0.00	158.04	160.34	0.96	0.19	14,326.000	359.53
28.000	0.00	155.74	158.04	0.96	0.19	14,120.000	359.51
28.050	0.00	153.45	155.74	0.96	0.18	13,913.000	359.49
28.100	0.00	151.17	153.45	0.96	0.18	13,706.000	359.47
28.150	0.00	148.89	151.17	0.96	0.18	13,501.000	359.45
28.200	0.00	146.62	148.89	0.96	0.18	13,297.000	359.43
28.250	0.00	144.36	146.62	0.96	0.17	13,094.000	359.41
28.300	0.00	142.10	144.36	0.96	0.17	12,890.000	359.39
28.350	0.00	139.85	142.10	0.96	0.17	12,686.000	359.37
28.400	0.00	137.60	139.85	0.96	0.16	12,483.000	359.35
28.450	0.00	135.37	137.60	0.96	0.16	12,282.000	359.33
28.500	0.00	133.13	135.37	0.96	0.16	12,082.000	359.31
28.550	0.00	130.91	133.13	0.96	0.15	11,881.000	359.29
28.600	0.00	128.69	130.91	0.96	0.15	11,681.000	359.27
28.650	0.00	126.48	128.69	0.96	0.14	11,481.000	359.25
28.700	0.00	124.28	126.48	0.96	0.14	11,283.000	359.23
28.750	0.00	122.09	124.28	0.96	0.14	11,086.000	359.21
28.800	0.00	119.90	122.09	0.96	0.13	10,889.000	359.19
28.850	0.00	117.73	119.90	0.96	0.13	10,692.000	359.17
28.900	0.00	115.56	117.73	0.96	0.12	10,496.000	359.15
28.950	0.00	113.40	115.56	0.96	0.12	10,301.000	359.13
29.000	0.00	111.25	113.40	0.96	0.12	10,108.000	359.11
29.050	0.00	109.11	111.25	0.96	0.11	9,916.000	359.09
29.100	0.00	106.98	109.11	0.96	0.10	9,723.000	359.07
29.150	0.00	104.86	106.98	0.96	0.10	9,531.000	359.05
29.200	0.00	102.75	104.86	0.96	0.09	9,341.000	359.04
29.250	0.00	100.66	102.75	0.96	0.09	9,153.000	359.02
29.300	0.00	98.57	100.66	0.96	0.08	8,965.000	359.00
29.350	0.00	96.51	98.57	0.96	0.07	8,777.000	358.98
29.400	0.00	94.46	96.51	0.96	0.06	8,592.000	358.96
29.450	0.00	92.44	94.46	0.96	0.05	8,409.000	358.94
29.500	0.00	90.43	92.44	0.96	0.04	8,228.000	358.92
29.550	0.00	88.44	90.43	0.96	0.03	8,049.000	358.90

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
29.600	0.00	86.47	88.44	0.96	0.03	7,870.000	358.88
29.650	0.00	84.50	86.47	0.96	0.02	7,692.000	358.86
29.700	0.00	82.55	84.50	0.96	0.02	7,515.000	358.85
29.750	0.00	80.60	82.55	0.96	0.01	7,340.000	358.83
29.800	0.00	78.67	80.60	0.96	0.01	7,167.000	358.81
29.850	0.00	76.74	78.67	0.96	0.00	6,993.000	358.79
29.900	0.00	74.82	76.74	0.96	0.00	6,820.000	358.77
29.950	0.00	72.90	74.82	0.96	0.00	6,647.000	358.75
30.000	0.00	70.98	72.90	0.96	0.00	6,474.000	358.74
30.050	0.00	69.06	70.98	0.96	0.00	6,301.000	358.72
30.100	0.00	67.14	69.06	0.96	0.00	6,129.000	358.70
30.150	0.00	65.22	67.14	0.96	0.00	5,955.000	358.68
30.200	0.00	63.30	65.22	0.96	0.00	5,781.000	358.66
30.250	0.00	61.38	63.30	0.96	0.00	5,609.000	358.64
30.300	0.00	59.46	61.38	0.96	0.00	5,436.000	358.62
30.350	0.00	57.54	59.46	0.96	0.00	5,265.000	358.60
30.400	0.00	55.62	57.54	0.96	0.00	5,091.000	358.59
30.450	0.00	53.70	55.62	0.96	0.00	4,918.000	358.57
30.500	0.00	51.78	53.70	0.96	0.00	4,745.000	358.55
30.550	0.00	49.86	51.78	0.96	0.00	4,572.000	358.53
30.600	0.00	47.94	49.86	0.96	0.00	4,400.000	358.51
30.650	0.00	46.02	47.94	0.96	0.00	4,227.000	358.49
30.700	0.00	44.10	46.02	0.96	0.00	4,054.000	358.47
30.750	0.00	42.18	44.10	0.96	0.00	3,881.000	358.45
30.800	0.00	40.26	42.18	0.96	0.00	3,708.000	358.43
30.850	0.00	38.34	40.26	0.96	0.00	3,536.000	358.41
30.900	0.00	36.42	38.34	0.96	0.00	3,364.000	358.39
30.950	0.00	34.50	36.42	0.96	0.00	3,190.000	358.37
31.000	0.00	32.58	34.50	0.96	0.00	3,017.000	358.35
31.050	0.00	30.66	32.58	0.96	0.00	2,844.000	358.33
31.100	0.00	28.74	30.66	0.96	0.00	2,672.000	358.31
31.150	0.00	26.82	28.74	0.96	0.00	2,500.000	358.29
31.200	0.00	24.90	26.82	0.96	0.00	2,326.000	358.27
31.250	0.00	22.98	24.90	0.96	0.00	2,153.000	358.25
31.300	0.00	21.06	22.98	0.96	0.00	1,980.000	358.23
31.350	0.00	19.14	21.06	0.96	0.00	1,808.000	358.21
31.400	0.00	17.22	19.14	0.96	0.00	1,636.000	358.19
31.450	0.00	15.30	17.22	0.96	0.00	1,462.000	358.17
31.500	0.00	13.38	15.30	0.96	0.00	1,289.000	358.15
31.550	0.00	11.46	13.38	0.96	0.00	1,116.000	358.13
31.600	0.00	9.54	11.46	0.96	0.00	944.000	358.11
31.650	0.00	7.75	9.54	0.89	0.00	778.000	358.09

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
31.700	0.00	6.30	7.75	0.73	0.00	631.000	358.08
31.750	0.00	5.12	6.30	0.59	0.00	512.000	358.06
31.800	0.00	4.16	5.12	0.48	0.00	416.000	358.05
31.850	0.00	3.38	4.16	0.39	0.00	337.000	358.04
31.900	0.00	2.74	3.38	0.32	0.00	274.000	358.03
31.950	0.00	2.23	2.74	0.26	0.00	223.000	358.03
32.000	0.00	1.81	2.23	0.21	0.00	181.000	358.02
32.050	0.00	1.47	1.81	0.17	0.00	147.000	358.02
32.100	0.00	1.20	1.47	0.14	0.00	119.000	358.01
32.150	0.00	0.97	1.20	0.11	0.00	97.000	358.01
32.200	0.00	0.79	0.97	0.09	0.00	79.000	358.01
32.250	0.00	0.64	0.79	0.07	0.00	64.000	358.01
32.300	0.00	0.52	0.64	0.06	0.00	52.000	358.01
32.350	0.00	0.42	0.52	0.05	0.00	42.000	358.01
32.400	0.00	0.34	0.42	0.04	0.00	34.000	358.00
32.450	0.00	0.28	0.34	0.03	0.00	28.000	358.00
32.500	0.00	0.23	0.28	0.03	0.00	23.000	358.00
32.550	0.00	0.18	0.23	0.02	0.00	18.000	358.00
32.600	0.00	0.15	0.18	0.02	0.00	15.000	358.00
32.650	0.00	0.12	0.15	0.01	0.00	12.000	358.00
32.700	0.00	0.10	0.12	0.01	0.00	10.000	358.00
32.750	0.00	0.08	0.10	0.01	0.00	8.000	358.00
32.800	0.00	0.07	0.08	0.01	0.00	7.000	358.00
32.850	0.00	0.05	0.07	0.01	0.00	5.000	358.00
32.900	0.00	0.04	0.05	0.00	0.00	4.000	358.00
32.950	0.00	0.04	0.04	0.00	0.00	3.000	358.00
33.000	0.00	0.03	0.04	0.00	0.00	3.000	358.00
33.050	0.00	0.02	0.03	0.00	0.00	2.000	358.00
33.100	0.00	0.02	0.02	0.00	0.00	2.000	358.00
33.150	0.00	0.02	0.02	0.00	0.00	2.000	358.00
33.200	0.00	0.01	0.02	0.00	0.00	1.000	358.00
33.250	0.00	0.01	0.01	0.00	0.00	1.000	358.00
33.300	0.00	0.01	0.01	0.00	0.00	0.000	358.00
33.350	0.00	0.01	0.01	0.00	0.00	0.000	358.00
33.400	0.00	0.01	0.01	0.00	0.00	0.000	358.00
33.450	0.00	0.00	0.01	0.00	0.00	0.000	358.00
33.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1A (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
33.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
33.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.050	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.100	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.150	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.200	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.250	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.300	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.350	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.400	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.450	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.500	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.550	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.600	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.650	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.700	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.750	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.800	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.850	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.900	0.00	0.00	0.00	0.00	0.00	0.000	358.00
34.950	0.00	0.00	0.00	0.00	0.00	0.000	358.00
35.000	0.00	0.00	0.00	0.00	0.00	0.000	358.00

Subsection: Pond Inflow Summary Return Event: 1 years
Label: BASIN 1A (IN) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Summary for Hydrograph Addition at 'BASIN 1A'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	PDA-1A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	PDA-1A	20,334.676	12.100	5.70
Flow (In)	BASIN 1A	20,334.676	12.100	5.70

Proposed Hydrologic Calculations

Subsection: Pond Inflow Summary — Return Event: 10 years
Label: BASIN 1A (IN) — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Summary for Hydrograph Addition at 'BASIN 1A'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	PDA-1A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	PDA-1A	60,480.008	12.100	17.30
Flow (In)	BASIN 1A	60,480.008	12.100	17.30

Subsection: Pond Inflow Summary — Return Event: 100 years
Label: BASIN 1A (IN) — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Summary for Hydrograph Addition at 'BASIN 1A'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	PDA-1A

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	PDA-1A	142,984.798	12.100	39.64
Flow (In)	BASIN 1A	142,984.798	12.100	39.64

Subsection: Elevation-Volume-Flow Table (Pond) — Return Event: 1 years
Label: BASIN 1B — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.94 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	343.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Proposed Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 1 years
Label: BASIN 1B Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
343.00	0.00	0.000	0.326	0.00	0.00	0.00
343.10	0.00	1,426.705	0.329	0.94	0.94	16.79
343.20	0.00	2,868.877	0.333	0.94	0.94	32.82
343.30	0.00	4,326.599	0.336	0.94	0.94	49.01
343.40	0.00	5,799.954	0.340	0.94	0.94	65.38
343.50	0.00	7,289.026	0.344	0.94	0.94	81.93
343.60	0.00	8,793.897	0.347	0.94	0.94	98.65
343.70	0.03	10,314.652	0.351	0.94	0.97	115.57
343.80	0.11	11,851.374	0.355	0.94	1.05	132.73
343.90	0.23	13,404.146	0.358	0.94	1.17	150.10
344.00	0.39	14,973.051	0.362	0.94	1.33	167.69
344.10	0.58	16,557.991	0.366	0.94	1.52	185.49
344.20	0.79	18,158.864	0.369	0.94	1.73	203.49
344.30	1.02	19,775.749	0.373	0.94	1.96	221.69
344.40	1.15	21,408.727	0.377	0.94	2.09	239.96
344.50	1.26	23,057.876	0.380	0.94	2.20	258.40
344.60	1.37	24,723.277	0.384	0.94	2.31	277.01
344.70	1.47	26,405.009	0.388	0.94	2.41	295.80
344.80	1.56	28,103.152	0.392	0.94	2.50	314.76
344.90	1.65	29,817.786	0.396	0.94	2.59	333.90
345.00	1.74	31,548.990	0.399	0.94	2.68	353.22
345.10	1.81	33,296.844	0.403	0.94	2.75	372.72
345.20	1.89	35,061.428	0.407	0.94	2.83	392.40
345.30	1.96	36,842.821	0.411	0.94	2.90	412.27
345.40	2.03	38,641.103	0.415	0.94	2.97	432.32
345.50	2.10	40,456.354	0.419	0.94	3.04	452.56
345.60	2.17	42,288.654	0.423	0.94	3.11	472.98
345.70	2.23	44,138.081	0.427	0.94	3.17	493.60
345.80	2.30	46,004.716	0.431	0.94	3.24	514.40
345.90	2.36	47,888.639	0.434	0.94	3.30	535.39
346.00	2.42	49,789.929	0.438	0.94	3.36	556.58
346.10	2.47	51,708.452	0.442	0.94	3.41	577.95
346.20	2.53	53,644.073	0.446	0.94	3.47	599.51
346.30	2.58	55,596.867	0.450	0.94	3.52	621.27
346.40	2.64	57,566.910	0.454	0.94	3.58	643.21
346.50	2.69	59,554.278	0.458	0.94	3.63	665.35
346.60	2.74	61,559.047	0.462	0.94	3.68	687.67
346.70	2.79	63,581.292	0.466	0.94	3.73	710.19
346.80	2.84	65,621.090	0.470	0.94	3.78	732.91
346.90	2.89	67,678.517	0.474	0.94	3.83	755.82
347.00	2.94	69,753.647	0.478	0.94	3.88	778.92
347.10	2.99	71,846.557	0.483	0.94	3.93	802.22
347.20	3.04	73,957.323	0.487	0.94	3.98	825.72

Proposed Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 1 years
Label: BASIN 1B Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
347.30	3.08	76,086.021	0.491	0.94	4.02	849.42
347.40	3.13	78,232.727	0.495	0.94	4.07	873.32
347.50	3.17	80,397.515	0.499	0.94	4.11	897.42
347.60	3.22	82,580.463	0.503	0.94	4.16	921.72
347.70	3.26	84,781.647	0.507	0.94	4.20	946.22
347.80	3.30	87,001.141	0.512	0.94	4.24	970.92
347.90	3.35	89,239.021	0.516	0.94	4.29	995.83
348.00	3.39	91,495.365	0.520	0.94	4.33	1,020.94

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 10 years
Label: BASIN 1B Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.94 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	343.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
343.00	0.00	0.000	0.326	0.00	0.00	0.00
343.10	0.00	1,426.705	0.329	0.94	0.94	16.79
343.20	0.00	2,868.877	0.333	0.94	0.94	32.82
343.30	0.00	4,326.599	0.336	0.94	0.94	49.01
343.40	0.00	5,799.954	0.340	0.94	0.94	65.38
343.50	0.00	7,289.026	0.344	0.94	0.94	81.93
343.60	0.00	8,793.897	0.347	0.94	0.94	98.65
343.70	0.03	10,314.652	0.351	0.94	0.97	115.57
343.80	0.11	11,851.374	0.355	0.94	1.05	132.73
343.90	0.23	13,404.146	0.358	0.94	1.17	150.10
344.00	0.39	14,973.051	0.362	0.94	1.33	167.69

Proposed Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 10 years
Label: BASIN 1B Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
344.10	0.58	16,557.991	0.366	0.94	1.52	185.49
344.20	0.79	18,158.864	0.369	0.94	1.73	203.49
344.30	1.02	19,775.749	0.373	0.94	1.96	221.69
344.40	1.15	21,408.727	0.377	0.94	2.09	239.96
344.50	1.26	23,057.876	0.380	0.94	2.20	258.40
344.60	1.37	24,723.277	0.384	0.94	2.31	277.01
344.70	1.47	26,405.009	0.388	0.94	2.41	295.80
344.80	1.56	28,103.152	0.392	0.94	2.50	314.76
344.90	1.65	29,817.786	0.396	0.94	2.59	333.90
345.00	1.74	31,548.990	0.399	0.94	2.68	353.22
345.10	1.81	33,296.844	0.403	0.94	2.75	372.72
345.20	1.89	35,061.428	0.407	0.94	2.83	392.40
345.30	1.96	36,842.821	0.411	0.94	2.90	412.27
345.40	2.03	38,641.103	0.415	0.94	2.97	432.32
345.50	2.10	40,456.354	0.419	0.94	3.04	452.56
345.60	2.17	42,288.654	0.423	0.94	3.11	472.98
345.70	2.23	44,138.081	0.427	0.94	3.17	493.60
345.80	2.30	46,004.716	0.431	0.94	3.24	514.40
345.90	2.36	47,888.639	0.434	0.94	3.30	535.39
346.00	2.42	49,789.929	0.438	0.94	3.36	556.58
346.10	2.47	51,708.452	0.442	0.94	3.41	577.95
346.20	2.53	53,644.073	0.446	0.94	3.47	599.51
346.30	2.58	55,596.867	0.450	0.94	3.52	621.27
346.40	2.64	57,566.910	0.454	0.94	3.58	643.21
346.50	2.69	59,554.278	0.458	0.94	3.63	665.35
346.60	2.74	61,559.047	0.462	0.94	3.68	687.67
346.70	2.79	63,581.292	0.466	0.94	3.73	710.19
346.80	2.84	65,621.090	0.470	0.94	3.78	732.91
346.90	2.89	67,678.517	0.474	0.94	3.83	755.82
347.00	2.94	69,753.647	0.478	0.94	3.88	778.92
347.10	2.99	71,846.557	0.483	0.94	3.93	802.22
347.20	3.04	73,957.323	0.487	0.94	3.98	825.72
347.30	3.08	76,086.021	0.491	0.94	4.02	849.42
347.40	3.13	78,232.727	0.495	0.94	4.07	873.32
347.50	3.17	80,397.515	0.499	0.94	4.11	897.42
347.60	3.22	82,580.463	0.503	0.94	4.16	921.72
347.70	3.26	84,781.647	0.507	0.94	4.20	946.22
347.80	3.30	87,001.141	0.512	0.94	4.24	970.92
347.90	3.35	89,239.021	0.516	0.94	4.29	995.83
348.00	3.39	91,495.365	0.520	0.94	4.33	1,020.94

Proposed Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond)
Label: BASIN 1B
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Return Event: 100 years
Storm Event: TypeIII 24hr (9.3 in)

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.94 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	343.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
343.00	0.00	0.000	0.326	0.00	0.00	0.00
343.10	0.00	1,426.705	0.329	0.94	0.94	16.79
343.20	0.00	2,868.877	0.333	0.94	0.94	32.82
343.30	0.00	4,326.599	0.336	0.94	0.94	49.01
343.40	0.00	5,799.954	0.340	0.94	0.94	65.38
343.50	0.00	7,289.026	0.344	0.94	0.94	81.93
343.60	0.00	8,793.897	0.347	0.94	0.94	98.65
343.70	0.03	10,314.652	0.351	0.94	0.97	115.57
343.80	0.11	11,851.374	0.355	0.94	1.05	132.73
343.90	0.23	13,404.146	0.358	0.94	1.17	150.10
344.00	0.39	14,973.051	0.362	0.94	1.33	167.69
344.10	0.58	16,557.991	0.366	0.94	1.52	185.49
344.20	0.79	18,158.864	0.369	0.94	1.73	203.49
344.30	1.02	19,775.749	0.373	0.94	1.96	221.69
344.40	1.15	21,408.727	0.377	0.94	2.09	239.96
344.50	1.26	23,057.876	0.380	0.94	2.20	258.40
344.60	1.37	24,723.277	0.384	0.94	2.31	277.01
344.70	1.47	26,405.009	0.388	0.94	2.41	295.80
344.80	1.56	28,103.152	0.392	0.94	2.50	314.76
344.90	1.65	29,817.786	0.396	0.94	2.59	333.90
345.00	1.74	31,548.990	0.399	0.94	2.68	353.22
345.10	1.81	33,296.844	0.403	0.94	2.75	372.72
345.20	1.89	35,061.428	0.407	0.94	2.83	392.40
345.30	1.96	36,842.821	0.411	0.94	2.90	412.27
345.40	2.03	38,641.103	0.415	0.94	2.97	432.32
345.50	2.10	40,456.354	0.419	0.94	3.04	452.56
345.60	2.17	42,288.654	0.423	0.94	3.11	472.98
345.70	2.23	44,138.081	0.427	0.94	3.17	493.60

Proposed Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 100 years
Label: BASIN 1B Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
345.80	2.30	46,004.716	0.431	0.94	3.24	514.40
345.90	2.36	47,888.639	0.434	0.94	3.30	535.39
346.00	2.42	49,789.929	0.438	0.94	3.36	556.58
346.10	2.47	51,708.452	0.442	0.94	3.41	577.95
346.20	2.53	53,644.073	0.446	0.94	3.47	599.51
346.30	2.58	55,596.867	0.450	0.94	3.52	621.27
346.40	2.64	57,566.910	0.454	0.94	3.58	643.21
346.50	2.69	59,554.278	0.458	0.94	3.63	665.35
346.60	2.74	61,559.047	0.462	0.94	3.68	687.67
346.70	2.79	63,581.292	0.466	0.94	3.73	710.19
346.80	2.84	65,621.090	0.470	0.94	3.78	732.91
346.90	2.89	67,678.517	0.474	0.94	3.83	755.82
347.00	2.94	69,753.647	0.478	0.94	3.88	778.92
347.10	2.99	71,846.557	0.483	0.94	3.93	802.22
347.20	3.04	73,957.323	0.487	0.94	3.98	825.72
347.30	3.08	76,086.021	0.491	0.94	4.02	849.42
347.40	3.13	78,232.727	0.495	0.94	4.07	873.32
347.50	3.17	80,397.515	0.499	0.94	4.11	897.42
347.60	3.22	82,580.463	0.503	0.94	4.16	921.72
347.70	3.26	84,781.647	0.507	0.94	4.20	946.22
347.80	3.30	87,001.141	0.512	0.94	4.24	970.92
347.90	3.35	89,239.021	0.516	0.94	4.29	995.83
348.00	3.39	91,495.365	0.520	0.94	4.33	1,020.94

Subsection: Level Pool Pond Routing Summary Return Event: 1 years
Label: BASIN 1B (IN) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.94 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	343.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Proposed Hydrologic Calculations

Subsection: Level Pool Pond Routing Summary — Return Event: 1 years
Label: BASIN 1B (IN) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	6.54 ft³/s	Time to Peak (Flow, In)	12.100 hours
Infiltration (Peak)	0.94 ft³/s	Time to Peak (Infiltration)	11.950 hours
Flow (Peak Outlet)	0.00 ft³/s	Time to Peak (Flow, Outlet)	0.000 hours

Elevation (Water Surface, Peak)	343.55 ft
Volume (Peak)	8,111.068 ft³

Mass Balance (ft³)	
Volume (Initial)	0.000 ft³
Volume (Total Inflow)	22,973.000 ft³
Volume (Total Infiltration)	22,973.000 ft³
Volume (Total Outlet Outflow)	0.000 ft³
Volume (Retained)	0.000 ft³
Volume (Unrouted)	0.000 ft³
Error (Mass Balance)	0.0 %

Subsection: Level Pool Pond Routing Summary — Return Event: 10 years
Label: BASIN 1B (IN) — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.94 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	343.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	18.10 ft³/s	Time to Peak (Flow, In)	12.100 hours
Infiltration (Peak)	0.94 ft³/s	Time to Peak (Infiltration)	11.350 hours
Flow (Peak Outlet)	1.48 ft³/s	Time to Peak (Flow, Outlet)	12.800 hours

Proposed Hydrologic Calculations

Subsection: Level Pool Pond Routing Summary — Return Event: 10 years
Label: BASIN 1B (IN) — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Elevation (Water Surface, Peak)	344.71 ft
Volume (Peak)	26,594.485 ft³

Mass Balance (ft³)	
Volume (Initial)	0.000 ft³
Volume (Total Inflow)	63,700.000 ft³
Volume (Total Infiltration)	44,663.000 ft³
Volume (Total Outlet Outflow)	19,037.000 ft³
Volume (Retained)	0.000 ft³
Volume (Unrouted)	0.000 ft³
Error (Mass Balance)	0.0 %

Subsection: Level Pool Pond Routing Summary — Return Event: 100 years
Label: BASIN 1B (IN) — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Infiltration	
Infiltration Method (Computed)	Constant
Infiltration Rate (Constant)	0.94 ft³/s

Initial Conditions	
Elevation (Water Surface, Initial)	343.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	39.62 ft³/s	Time to Peak (Flow, In)	12.100 hours
Infiltration (Peak)	0.94 ft³/s	Time to Peak (Infiltration)	9.550 hours
Flow (Peak Outlet)	2.95 ft³/s	Time to Peak (Flow, Outlet)	13.050 hours

Elevation (Water Surface, Peak)	347.02 ft
Volume (Peak)	70,082.615 ft³

Mass Balance (ft³)	
Volume (Initial)	0.000 ft³

Proposed Hydrologic Calculations

Subsection: Level Pool Pond Routing Summary
Label: BASIN 1B (IN)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Return Event: 100 years
Storm Event: TypeIII 24hr (9.3 in)

Mass Balance (ft³)	
Volume (Total Inflow)	144,778.000 ft³
Volume (Total Infiltration)	65,041.000 ft³
Volume (Total Outlet Outflow)	79,737.000 ft³
Volume (Retained)	0.000 ft³
Volume (Unrouted)	0.000 ft³
Error (Mass Balance)	0.0 %

Subsection: Pond Routing Calculations (Total Out)
Label: BASIN 1B (OUT)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: TypeIII 24hr (2.8 in)

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
1.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
3.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
5.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
7.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
8.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
9.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
9.950	0.01	0.01	0.01	0.00	0.00	0.000	343.00
10.000	0.01	0.02	0.03	0.00	0.00	2.000	343.00
10.050	0.01	0.04	0.05	0.00	0.00	4.000	343.00
10.100	0.02	0.07	0.08	0.00	0.00	7.000	343.00
10.150	0.02	0.10	0.11	0.01	0.00	10.000	343.00
10.200	0.03	0.14	0.15	0.01	0.00	13.000	343.00
10.250	0.04	0.18	0.20	0.01	0.00	17.000	343.00
10.300	0.04	0.23	0.25	0.01	0.00	21.000	343.00
10.350	0.05	0.28	0.31	0.02	0.00	26.000	343.00
10.400	0.05	0.34	0.38	0.02	0.00	32.000	343.00
10.450	0.06	0.40	0.45	0.03	0.00	38.000	343.00
10.500	0.07	0.47	0.53	0.03	0.00	44.000	343.00
10.550	0.07	0.54	0.61	0.03	0.00	51.000	343.00
10.600	0.08	0.62	0.70	0.04	0.00	59.000	343.00
10.650	0.09	0.70	0.79	0.04	0.00	67.000	343.00
10.700	0.10	0.79	0.89	0.05	0.00	75.000	343.01
10.750	0.11	0.88	0.99	0.06	0.00	84.000	343.01
10.800	0.11	0.98	1.10	0.06	0.00	93.000	343.01
10.850	0.12	1.08	1.22	0.07	0.00	103.000	343.01
10.900	0.13	1.19	1.34	0.07	0.00	113.000	343.01
10.950	0.14	1.30	1.46	0.08	0.00	124.000	343.01
11.000	0.15	1.42	1.60	0.09	0.00	135.000	343.01
11.050	0.17	1.54	1.74	0.10	0.00	147.000	343.01
11.100	0.18	1.68	1.89	0.11	0.00	160.000	343.01
11.150	0.20	1.83	2.06	0.12	0.00	174.000	343.01
11.200	0.22	1.99	2.25	0.13	0.00	190.000	343.01
11.250	0.24	2.18	2.46	0.14	0.00	208.000	343.01
11.300	0.27	2.39	2.69	0.15	0.00	228.000	343.02
11.350	0.29	2.62	2.95	0.17	0.00	250.000	343.02
11.400	0.32	2.88	3.24	0.18	0.00	274.000	343.02
11.450	0.35	3.15	3.55	0.20	0.00	300.000	343.02
11.500	0.38	3.45	3.88	0.22	0.00	329.000	343.02
11.550	0.47	3.82	4.30	0.24	0.00	364.000	343.03
11.600	0.58	4.32	4.87	0.27	0.00	412.000	343.03
11.650	0.77	5.04	5.67	0.32	0.00	480.000	343.03
11.700	1.00	6.04	6.80	0.38	0.00	576.000	343.04
11.750	1.26	7.37	8.30	0.46	0.00	703.000	343.05
11.800	1.57	9.06	10.20	0.57	0.00	865.000	343.06
11.850	1.92	11.14	12.54	0.70	0.00	1,064.000	343.07

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
11.900	2.31	13.64	15.36	0.86	0.00	1,305.000	343.09
11.950	3.53	17.60	19.48	0.94	0.00	1,667.000	343.12
12.000	5.16	24.41	26.29	0.94	0.00	2,279.000	343.16
12.050	5.99	33.68	35.56	0.94	0.00	3,115.000	343.22
12.100	6.54	44.33	46.21	0.94	0.00	4,073.000	343.28
12.150	5.67	54.66	56.54	0.94	0.00	5,002.000	343.35
12.200	4.23	62.68	64.56	0.94	0.00	5,726.000	343.39
12.250	3.64	68.67	70.55	0.94	0.00	6,263.000	343.43
12.300	3.24	73.67	75.55	0.94	0.00	6,713.000	343.46
12.350	2.88	77.91	79.79	0.94	0.00	7,096.000	343.49
12.400	2.50	81.41	83.29	0.94	0.00	7,411.000	343.51
12.450	2.12	84.15	86.03	0.94	0.00	7,657.000	343.52
12.500	1.71	86.10	87.98	0.94	0.00	7,832.000	343.54
12.550	1.44	87.38	89.26	0.94	0.00	7,946.000	343.54
12.600	1.20	88.14	90.02	0.94	0.00	8,015.000	343.55
12.650	1.11	88.57	90.45	0.94	0.00	8,054.000	343.55
12.700	1.06	88.86	90.74	0.94	0.00	8,080.000	343.55
12.750	1.02	89.06	90.94	0.94	0.00	8,098.000	343.55
12.800	0.98	89.18	91.06	0.94	0.00	8,108.000	343.55
12.850	0.93	89.20	91.08	0.94	0.00	8,111.000	343.55
12.900	0.89	89.15	91.03	0.94	0.00	8,106.000	343.55
12.950	0.85	89.01	90.89	0.94	0.00	8,093.000	343.55
13.000	0.80	88.78	90.66	0.94	0.00	8,073.000	343.55
13.050	0.77	88.47	90.35	0.94	0.00	8,045.000	343.55
13.100	0.74	88.11	89.99	0.94	0.00	8,012.000	343.55
13.150	0.73	87.70	89.58	0.94	0.00	7,976.000	343.55
13.200	0.72	87.27	89.15	0.94	0.00	7,937.000	343.54
13.250	0.71	86.81	88.69	0.94	0.00	7,896.000	343.54
13.300	0.70	86.34	88.22	0.94	0.00	7,853.000	343.54
13.350	0.69	85.84	87.72	0.94	0.00	7,808.000	343.53
13.400	0.68	85.32	87.20	0.94	0.00	7,762.000	343.53
13.450	0.66	84.78	86.66	0.94	0.00	7,713.000	343.53
13.500	0.65	84.22	86.10	0.94	0.00	7,663.000	343.52
13.550	0.64	83.63	85.51	0.94	0.00	7,610.000	343.52
13.600	0.63	83.03	84.91	0.94	0.00	7,556.000	343.52
13.650	0.62	82.40	84.28	0.94	0.00	7,499.000	343.51
13.700	0.61	81.75	83.63	0.94	0.00	7,441.000	343.51
13.750	0.60	81.07	82.95	0.94	0.00	7,381.000	343.51
13.800	0.59	80.37	82.25	0.94	0.00	7,318.000	343.50
13.850	0.57	79.65	81.53	0.94	0.00	7,253.000	343.50
13.900	0.56	78.91	80.79	0.94	0.00	7,186.000	343.49
13.950	0.55	78.14	80.02	0.94	0.00	7,117.000	343.49

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
14.000	0.54	77.35	79.23	0.94	0.00	7,045.000	343.48
14.050	0.53	76.54	78.42	0.94	0.00	6,972.000	343.48
14.100	0.52	75.71	77.59	0.94	0.00	6,897.000	343.47
14.150	0.51	74.87	76.75	0.94	0.00	6,821.000	343.47
14.200	0.51	74.01	75.89	0.94	0.00	6,744.000	343.46
14.250	0.50	73.15	75.03	0.94	0.00	6,666.000	343.46
14.300	0.50	72.27	74.15	0.94	0.00	6,587.000	343.45
14.350	0.49	71.38	73.26	0.94	0.00	6,507.000	343.45
14.400	0.49	70.48	72.36	0.94	0.00	6,426.000	343.44
14.450	0.48	69.57	71.45	0.94	0.00	6,344.000	343.44
14.500	0.48	68.65	70.53	0.94	0.00	6,261.000	343.43
14.550	0.47	67.72	69.60	0.94	0.00	6,178.000	343.43
14.600	0.47	66.77	68.65	0.94	0.00	6,093.000	343.42
14.650	0.46	65.82	67.70	0.94	0.00	6,007.000	343.41
14.700	0.45	64.85	66.73	0.94	0.00	5,921.000	343.41
14.750	0.45	63.87	65.75	0.94	0.00	5,833.000	343.40
14.800	0.44	62.88	64.76	0.94	0.00	5,744.000	343.40
14.850	0.44	61.88	63.76	0.94	0.00	5,654.000	343.39
14.900	0.43	60.87	62.75	0.94	0.00	5,562.000	343.38
14.950	0.43	59.85	61.73	0.94	0.00	5,470.000	343.38
15.000	0.42	58.81	60.69	0.94	0.00	5,376.000	343.37
15.050	0.41	57.77	59.65	0.94	0.00	5,282.000	343.36
15.100	0.41	56.71	58.59	0.94	0.00	5,187.000	343.36
15.150	0.40	55.64	57.52	0.94	0.00	5,090.000	343.35
15.200	0.40	54.56	56.44	0.94	0.00	4,993.000	343.35
15.250	0.39	53.47	55.35	0.94	0.00	4,895.000	343.34
15.300	0.38	52.36	54.24	0.94	0.00	4,795.000	343.33
15.350	0.38	51.24	53.12	0.94	0.00	4,695.000	343.33
15.400	0.37	50.11	51.99	0.94	0.00	4,594.000	343.32
15.450	0.37	48.97	50.85	0.94	0.00	4,491.000	343.31
15.500	0.36	47.82	49.70	0.94	0.00	4,388.000	343.30
15.550	0.35	46.65	48.53	0.94	0.00	4,283.000	343.30
15.600	0.35	45.48	47.36	0.94	0.00	4,177.000	343.29
15.650	0.34	44.29	46.17	0.94	0.00	4,069.000	343.28
15.700	0.34	43.09	44.97	0.94	0.00	3,961.000	343.28
15.750	0.33	41.87	43.75	0.94	0.00	3,851.000	343.27
15.800	0.32	40.65	42.53	0.94	0.00	3,741.000	343.26
15.850	0.32	39.41	41.29	0.94	0.00	3,629.000	343.25
15.900	0.31	38.16	40.04	0.94	0.00	3,517.000	343.24
15.950	0.31	36.89	38.77	0.94	0.00	3,403.000	343.24
16.000	0.30	35.62	37.50	0.94	0.00	3,289.000	343.23
16.050	0.29	34.33	36.21	0.94	0.00	3,173.000	343.22

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
16.100	0.29	33.04	34.92	0.94	0.00	3,057.000	343.21
16.150	0.29	31.74	33.62	0.94	0.00	2,940.000	343.20
16.200	0.28	30.43	32.31	0.94	0.00	2,823.000	343.20
16.250	0.28	29.11	30.99	0.94	0.00	2,704.000	343.19
16.300	0.28	27.79	29.67	0.94	0.00	2,585.000	343.18
16.350	0.28	26.47	28.35	0.94	0.00	2,465.000	343.17
16.400	0.27	25.14	27.02	0.94	0.00	2,345.000	343.16
16.450	0.27	23.80	25.68	0.94	0.00	2,225.000	343.16
16.500	0.27	22.46	24.34	0.94	0.00	2,104.000	343.15
16.550	0.27	21.12	23.00	0.94	0.00	1,983.000	343.14
16.600	0.26	19.77	21.65	0.94	0.00	1,862.000	343.13
16.650	0.26	18.41	20.29	0.94	0.00	1,740.000	343.12
16.700	0.26	17.05	18.93	0.94	0.00	1,618.000	343.11
16.750	0.26	15.68	17.56	0.94	0.00	1,495.000	343.10
16.800	0.25	14.38	16.19	0.91	0.00	1,375.000	343.10
16.850	0.25	13.21	14.88	0.83	0.00	1,263.000	343.09
16.900	0.25	12.17	13.71	0.77	0.00	1,164.000	343.08
16.950	0.24	11.25	12.67	0.71	0.00	1,075.000	343.08
17.000	0.24	10.42	11.73	0.66	0.00	995.000	343.07
17.050	0.24	9.68	10.90	0.61	0.00	924.000	343.06
17.100	0.24	9.02	10.16	0.57	0.00	861.000	343.06
17.150	0.23	8.43	9.49	0.53	0.00	804.000	343.06
17.200	0.23	7.90	8.89	0.50	0.00	753.000	343.05
17.250	0.23	7.42	8.35	0.47	0.00	708.000	343.05
17.300	0.23	6.99	7.87	0.44	0.00	667.000	343.05
17.350	0.22	6.61	7.44	0.42	0.00	630.000	343.04
17.400	0.22	6.26	7.05	0.39	0.00	597.000	343.04
17.450	0.22	5.95	6.70	0.37	0.00	567.000	343.04
17.500	0.22	5.67	6.38	0.36	0.00	540.000	343.04
17.550	0.21	5.41	6.09	0.34	0.00	516.000	343.04
17.600	0.21	5.18	5.83	0.33	0.00	494.000	343.03
17.650	0.21	4.97	5.59	0.31	0.00	474.000	343.03
17.700	0.20	4.77	5.38	0.30	0.00	455.000	343.03
17.750	0.20	4.60	5.18	0.29	0.00	438.000	343.03
17.800	0.20	4.44	5.00	0.28	0.00	423.000	343.03
17.850	0.20	4.29	4.83	0.27	0.00	409.000	343.03
17.900	0.19	4.16	4.68	0.26	0.00	396.000	343.03
17.950	0.19	4.03	4.54	0.25	0.00	384.000	343.03
18.000	0.19	3.91	4.41	0.25	0.00	373.000	343.03
18.050	0.18	3.80	4.28	0.24	0.00	362.000	343.03
18.100	0.18	3.70	4.17	0.23	0.00	353.000	343.02
18.150	0.18	3.61	4.07	0.23	0.00	344.000	343.02

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
18.200	0.18	3.53	3.98	0.22	0.00	336.000	343.02
18.250	0.18	3.46	3.89	0.22	0.00	329.000	343.02
18.300	0.18	3.39	3.82	0.21	0.00	323.000	343.02
18.350	0.18	3.33	3.75	0.21	0.00	317.000	343.02
18.400	0.18	3.27	3.69	0.21	0.00	312.000	343.02
18.450	0.18	3.22	3.63	0.20	0.00	307.000	343.02
18.500	0.18	3.17	3.58	0.20	0.00	302.000	343.02
18.550	0.18	3.13	3.53	0.20	0.00	298.000	343.02
18.600	0.18	3.09	3.48	0.19	0.00	295.000	343.02
18.650	0.17	3.06	3.44	0.19	0.00	291.000	343.02
18.700	0.17	3.02	3.40	0.19	0.00	288.000	343.02
18.750	0.17	2.99	3.37	0.19	0.00	285.000	343.02
18.800	0.17	2.96	3.34	0.19	0.00	282.000	343.02
18.850	0.17	2.93	3.30	0.18	0.00	280.000	343.02
18.900	0.17	2.91	3.28	0.18	0.00	277.000	343.02
18.950	0.17	2.88	3.25	0.18	0.00	275.000	343.02
19.000	0.17	2.86	3.22	0.18	0.00	273.000	343.02
19.050	0.17	2.84	3.20	0.18	0.00	270.000	343.02
19.100	0.17	2.82	3.17	0.18	0.00	268.000	343.02
19.150	0.17	2.80	3.15	0.18	0.00	267.000	343.02
19.200	0.17	2.78	3.13	0.18	0.00	265.000	343.02
19.250	0.16	2.76	3.11	0.17	0.00	263.000	343.02
19.300	0.16	2.74	3.09	0.17	0.00	261.000	343.02
19.350	0.16	2.72	3.07	0.17	0.00	260.000	343.02
19.400	0.16	2.71	3.05	0.17	0.00	258.000	343.02
19.450	0.16	2.69	3.03	0.17	0.00	256.000	343.02
19.500	0.16	2.68	3.01	0.17	0.00	255.000	343.02
19.550	0.16	2.66	3.00	0.17	0.00	253.000	343.02
19.600	0.16	2.65	2.98	0.17	0.00	252.000	343.02
19.650	0.16	2.63	2.96	0.17	0.00	251.000	343.02
19.700	0.16	2.62	2.95	0.16	0.00	249.000	343.02
19.750	0.16	2.60	2.93	0.16	0.00	248.000	343.02
19.800	0.16	2.59	2.91	0.16	0.00	246.000	343.02
19.850	0.15	2.57	2.90	0.16	0.00	245.000	343.02
19.900	0.15	2.56	2.88	0.16	0.00	244.000	343.02
19.950	0.15	2.54	2.87	0.16	0.00	242.000	343.02
20.000	0.15	2.53	2.85	0.16	0.00	241.000	343.02
20.050	0.15	2.52	2.83	0.16	0.00	240.000	343.02
20.100	0.15	2.50	2.82	0.16	0.00	238.000	343.02
20.150	0.15	2.49	2.80	0.16	0.00	237.000	343.02
20.200	0.15	2.48	2.79	0.16	0.00	236.000	343.02
20.250	0.15	2.47	2.78	0.16	0.00	235.000	343.02

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
20.300	0.15	2.45	2.76	0.15	0.00	234.000	343.02
20.350	0.15	2.44	2.75	0.15	0.00	232.000	343.02
20.400	0.15	2.43	2.74	0.15	0.00	231.000	343.02
20.450	0.15	2.42	2.72	0.15	0.00	230.000	343.02
20.500	0.15	2.41	2.71	0.15	0.00	229.000	343.02
20.550	0.15	2.40	2.70	0.15	0.00	228.000	343.02
20.600	0.14	2.39	2.69	0.15	0.00	227.000	343.02
20.650	0.14	2.37	2.67	0.15	0.00	226.000	343.02
20.700	0.14	2.36	2.66	0.15	0.00	225.000	343.02
20.750	0.14	2.35	2.65	0.15	0.00	224.000	343.02
20.800	0.14	2.34	2.64	0.15	0.00	223.000	343.02
20.850	0.14	2.33	2.62	0.15	0.00	222.000	343.02
20.900	0.14	2.32	2.61	0.15	0.00	221.000	343.02
20.950	0.14	2.31	2.60	0.15	0.00	220.000	343.02
21.000	0.14	2.30	2.59	0.15	0.00	219.000	343.02
21.050	0.14	2.29	2.58	0.14	0.00	218.000	343.02
21.100	0.14	2.28	2.57	0.14	0.00	217.000	343.02
21.150	0.14	2.27	2.56	0.14	0.00	216.000	343.02
21.200	0.14	2.26	2.55	0.14	0.00	215.000	343.02
21.250	0.14	2.25	2.53	0.14	0.00	214.000	343.02
21.300	0.14	2.24	2.52	0.14	0.00	213.000	343.02
21.350	0.14	2.23	2.51	0.14	0.00	212.000	343.01
21.400	0.13	2.22	2.50	0.14	0.00	212.000	343.01
21.450	0.13	2.21	2.49	0.14	0.00	211.000	343.01
21.500	0.13	2.20	2.48	0.14	0.00	210.000	343.01
21.550	0.13	2.19	2.47	0.14	0.00	209.000	343.01
21.600	0.13	2.18	2.45	0.14	0.00	208.000	343.01
21.650	0.13	2.17	2.44	0.14	0.00	207.000	343.01
21.700	0.13	2.16	2.43	0.14	0.00	206.000	343.01
21.750	0.13	2.15	2.42	0.14	0.00	205.000	343.01
21.800	0.13	2.14	2.41	0.13	0.00	204.000	343.01
21.850	0.13	2.13	2.40	0.13	0.00	203.000	343.01
21.900	0.13	2.12	2.39	0.13	0.00	202.000	343.01
21.950	0.13	2.11	2.38	0.13	0.00	201.000	343.01
22.000	0.13	2.10	2.37	0.13	0.00	200.000	343.01
22.050	0.13	2.09	2.35	0.13	0.00	199.000	343.01
22.100	0.13	2.08	2.34	0.13	0.00	198.000	343.01
22.150	0.13	2.07	2.33	0.13	0.00	197.000	343.01
22.200	0.12	2.06	2.32	0.13	0.00	196.000	343.01
22.250	0.12	2.05	2.31	0.13	0.00	195.000	343.01
22.300	0.12	2.04	2.30	0.13	0.00	194.000	343.01
22.350	0.12	2.03	2.29	0.13	0.00	193.000	343.01

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
22.400	0.12	2.02	2.28	0.13	0.00	192.000	343.01
22.450	0.12	2.01	2.26	0.13	0.00	191.000	343.01
22.500	0.12	2.00	2.25	0.13	0.00	190.000	343.01
22.550	0.12	1.99	2.24	0.13	0.00	189.000	343.01
22.600	0.12	1.98	2.23	0.12	0.00	189.000	343.01
22.650	0.12	1.97	2.22	0.12	0.00	188.000	343.01
22.700	0.12	1.96	2.21	0.12	0.00	187.000	343.01
22.750	0.12	1.95	2.20	0.12	0.00	186.000	343.01
22.800	0.12	1.94	2.19	0.12	0.00	185.000	343.01
22.850	0.12	1.93	2.17	0.12	0.00	184.000	343.01
22.900	0.12	1.92	2.16	0.12	0.00	183.000	343.01
22.950	0.12	1.91	2.15	0.12	0.00	182.000	343.01
23.000	0.11	1.90	2.14	0.12	0.00	181.000	343.01
23.050	0.11	1.89	2.13	0.12	0.00	180.000	343.01
23.100	0.11	1.88	2.12	0.12	0.00	179.000	343.01
23.150	0.11	1.87	2.10	0.12	0.00	178.000	343.01
23.200	0.11	1.86	2.09	0.12	0.00	177.000	343.01
23.250	0.11	1.85	2.08	0.12	0.00	176.000	343.01
23.300	0.11	1.84	2.07	0.12	0.00	175.000	343.01
23.350	0.11	1.83	2.06	0.12	0.00	174.000	343.01
23.400	0.11	1.82	2.05	0.11	0.00	173.000	343.01
23.450	0.11	1.81	2.04	0.11	0.00	172.000	343.01
23.500	0.11	1.80	2.03	0.11	0.00	171.000	343.01
23.550	0.11	1.79	2.02	0.11	0.00	170.000	343.01
23.600	0.11	1.78	2.00	0.11	0.00	169.000	343.01
23.650	0.11	1.77	1.99	0.11	0.00	168.000	343.01
23.700	0.11	1.76	1.98	0.11	0.00	167.000	343.01
23.750	0.10	1.75	1.97	0.11	0.00	167.000	343.01
23.800	0.10	1.74	1.96	0.11	0.00	166.000	343.01
23.850	0.10	1.73	1.95	0.11	0.00	165.000	343.01
23.900	0.10	1.72	1.93	0.11	0.00	164.000	343.01
23.950	0.10	1.71	1.92	0.11	0.00	163.000	343.01
24.000	0.10	1.70	1.91	0.11	0.00	162.000	343.01
24.050	0.06	1.65	1.86	0.10	0.00	157.000	343.01
24.100	0.02	1.54	1.73	0.10	0.00	147.000	343.01
24.150	0.00	1.38	1.56	0.09	0.00	132.000	343.01
24.200	0.00	1.23	1.39	0.08	0.00	117.000	343.01
24.250	0.00	1.10	1.23	0.07	0.00	104.000	343.01
24.300	0.00	0.97	1.10	0.06	0.00	93.000	343.01
24.350	0.00	0.86	0.97	0.05	0.00	82.000	343.01
24.400	0.00	0.77	0.86	0.05	0.00	73.000	343.01
24.450	0.00	0.68	0.77	0.04	0.00	65.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
24.500	0.00	0.60	0.68	0.04	0.00	58.000	343.00
24.550	0.00	0.54	0.60	0.03	0.00	51.000	343.00
24.600	0.00	0.48	0.54	0.03	0.00	45.000	343.00
24.650	0.00	0.42	0.48	0.03	0.00	40.000	343.00
24.700	0.00	0.38	0.42	0.02	0.00	36.000	343.00
24.750	0.00	0.33	0.38	0.02	0.00	32.000	343.00
24.800	0.00	0.30	0.33	0.02	0.00	28.000	343.00
24.850	0.00	0.26	0.30	0.02	0.00	25.000	343.00
24.900	0.00	0.23	0.26	0.01	0.00	22.000	343.00
24.950	0.00	0.21	0.23	0.01	0.00	20.000	343.00
25.000	0.00	0.18	0.21	0.01	0.00	18.000	343.00
25.050	0.00	0.16	0.18	0.01	0.00	16.000	343.00
25.100	0.00	0.15	0.16	0.01	0.00	14.000	343.00
25.150	0.00	0.13	0.15	0.01	0.00	12.000	343.00
25.200	0.00	0.11	0.13	0.01	0.00	11.000	343.00
25.250	0.00	0.10	0.11	0.01	0.00	10.000	343.00
25.300	0.00	0.09	0.10	0.01	0.00	9.000	343.00
25.350	0.00	0.08	0.09	0.01	0.00	8.000	343.00
25.400	0.00	0.07	0.08	0.00	0.00	7.000	343.00
25.450	0.00	0.06	0.07	0.00	0.00	6.000	343.00
25.500	0.00	0.06	0.06	0.00	0.00	5.000	343.00
25.550	0.00	0.05	0.06	0.00	0.00	5.000	343.00
25.600	0.00	0.04	0.05	0.00	0.00	4.000	343.00
25.650	0.00	0.04	0.04	0.00	0.00	4.000	343.00
25.700	0.00	0.04	0.04	0.00	0.00	3.000	343.00
25.750	0.00	0.03	0.04	0.00	0.00	3.000	343.00
25.800	0.00	0.03	0.03	0.00	0.00	3.000	343.00
25.850	0.00	0.02	0.03	0.00	0.00	2.000	343.00
25.900	0.00	0.02	0.02	0.00	0.00	2.000	343.00
25.950	0.00	0.02	0.02	0.00	0.00	2.000	343.00
26.000	0.00	0.02	0.02	0.00	0.00	2.000	343.00
26.050	0.00	0.02	0.02	0.00	0.00	1.000	343.00
26.100	0.00	0.01	0.02	0.00	0.00	0.000	343.00
26.150	0.00	0.01	0.01	0.00	0.00	0.000	343.00
26.200	0.00	0.01	0.01	0.00	0.00	0.000	343.00
26.250	0.00	0.01	0.01	0.00	0.00	0.000	343.00
26.300	0.00	0.01	0.01	0.00	0.00	0.000	343.00
26.350	0.00	0.01	0.01	0.00	0.00	0.000	343.00
26.400	0.00	0.01	0.01	0.00	0.00	0.000	343.00
26.450	0.00	0.01	0.01	0.00	0.00	0.000	343.00
26.500	0.00	0.01	0.01	0.00	0.00	0.000	343.00
26.550	0.00	0.00	0.01	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
26.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
26.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
26.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
26.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
26.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
26.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
26.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
26.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
28.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
30.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
32.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
35.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
1.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
3.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
5.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
5.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
6.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
7.450	0.00	0.01	0.01	0.00	0.00	0.000	343.00
7.500	0.01	0.02	0.02	0.00	0.00	2.000	343.00
7.550	0.01	0.03	0.04	0.00	0.00	3.000	343.00
7.600	0.01	0.05	0.06	0.00	0.00	5.000	343.00
7.650	0.02	0.08	0.09	0.00	0.00	7.000	343.00
7.700	0.02	0.10	0.12	0.01	0.00	10.000	343.00
7.750	0.03	0.14	0.15	0.01	0.00	13.000	343.00
7.800	0.03	0.17	0.19	0.01	0.00	16.000	343.00
7.850	0.03	0.21	0.23	0.01	0.00	20.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
7.900	0.04	0.25	0.28	0.02	0.00	23.000	343.00
7.950	0.04	0.29	0.33	0.02	0.00	28.000	343.00
8.000	0.05	0.33	0.38	0.02	0.00	32.000	343.00
8.050	0.05	0.38	0.43	0.02	0.00	36.000	343.00
8.100	0.05	0.43	0.49	0.03	0.00	41.000	343.00
8.150	0.06	0.49	0.55	0.03	0.00	46.000	343.00
8.200	0.07	0.54	0.61	0.03	0.00	52.000	343.00
8.250	0.07	0.60	0.68	0.04	0.00	57.000	343.00
8.300	0.08	0.67	0.75	0.04	0.00	63.000	343.00
8.350	0.08	0.73	0.83	0.05	0.00	70.000	343.00
8.400	0.09	0.80	0.91	0.05	0.00	77.000	343.01
8.450	0.10	0.88	0.99	0.06	0.00	84.000	343.01
8.500	0.10	0.96	1.08	0.06	0.00	91.000	343.01
8.550	0.11	1.04	1.17	0.07	0.00	99.000	343.01
8.600	0.12	1.12	1.26	0.07	0.00	107.000	343.01
8.650	0.12	1.21	1.36	0.08	0.00	115.000	343.01
8.700	0.13	1.30	1.47	0.08	0.00	124.000	343.01
8.750	0.14	1.40	1.58	0.09	0.00	133.000	343.01
8.800	0.15	1.50	1.69	0.09	0.00	143.000	343.01
8.850	0.16	1.60	1.80	0.10	0.00	153.000	343.01
8.900	0.17	1.71	1.92	0.11	0.00	163.000	343.01
8.950	0.17	1.82	2.05	0.11	0.00	173.000	343.01
9.000	0.18	1.93	2.18	0.12	0.00	184.000	343.01
9.050	0.19	2.05	2.31	0.13	0.00	195.000	343.01
9.100	0.20	2.17	2.45	0.14	0.00	207.000	343.01
9.150	0.21	2.30	2.59	0.14	0.00	219.000	343.02
9.200	0.22	2.43	2.73	0.15	0.00	231.000	343.02
9.250	0.23	2.56	2.88	0.16	0.00	244.000	343.02
9.300	0.24	2.69	3.03	0.17	0.00	257.000	343.02
9.350	0.25	2.83	3.19	0.18	0.00	270.000	343.02
9.400	0.26	2.98	3.35	0.19	0.00	284.000	343.02
9.450	0.28	3.12	3.52	0.20	0.00	298.000	343.02
9.500	0.29	3.27	3.69	0.21	0.00	312.000	343.02
9.550	0.30	3.43	3.86	0.22	0.00	327.000	343.02
9.600	0.31	3.59	4.04	0.23	0.00	342.000	343.02
9.650	0.32	3.75	4.22	0.24	0.00	357.000	343.03
9.700	0.34	3.91	4.41	0.25	0.00	373.000	343.03
9.750	0.35	4.08	4.60	0.26	0.00	389.000	343.03
9.800	0.36	4.25	4.79	0.27	0.00	405.000	343.03
9.850	0.37	4.43	4.99	0.28	0.00	422.000	343.03
9.900	0.39	4.61	5.19	0.29	0.00	439.000	343.03
9.950	0.40	4.79	5.40	0.30	0.00	457.000	343.03

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
10.000	0.41	4.98	5.61	0.31	0.00	475.000	343.03
10.050	0.43	5.17	5.82	0.33	0.00	493.000	343.03
10.100	0.45	5.37	6.05	0.34	0.00	512.000	343.04
10.150	0.47	5.58	6.28	0.35	0.00	532.000	343.04
10.200	0.49	5.80	6.53	0.37	0.00	553.000	343.04
10.250	0.51	6.03	6.79	0.38	0.00	575.000	343.04
10.300	0.53	6.28	7.07	0.40	0.00	599.000	343.04
10.350	0.55	6.53	7.36	0.41	0.00	623.000	343.04
10.400	0.57	6.80	7.66	0.43	0.00	649.000	343.05
10.450	0.60	7.08	7.97	0.45	0.00	675.000	343.05
10.500	0.62	7.37	8.30	0.46	0.00	703.000	343.05
10.550	0.65	7.67	8.64	0.48	0.00	732.000	343.05
10.600	0.67	7.98	8.98	0.50	0.00	761.000	343.05
10.650	0.70	8.30	9.34	0.52	0.00	792.000	343.06
10.700	0.72	8.63	9.72	0.54	0.00	824.000	343.06
10.750	0.75	8.97	10.10	0.57	0.00	856.000	343.06
10.800	0.78	9.32	10.49	0.59	0.00	890.000	343.06
10.850	0.80	9.67	10.89	0.61	0.00	924.000	343.06
10.900	0.83	10.04	11.31	0.63	0.00	959.000	343.07
10.950	0.86	10.42	11.73	0.66	0.00	995.000	343.07
11.000	0.89	10.80	12.16	0.68	0.00	1,032.000	343.07
11.050	0.93	11.21	12.62	0.71	0.00	1,071.000	343.08
11.100	0.99	11.66	13.13	0.74	0.00	1,114.000	343.08
11.150	1.06	12.17	13.70	0.77	0.00	1,163.000	343.08
11.200	1.13	12.75	14.36	0.80	0.00	1,219.000	343.09
11.250	1.21	13.40	15.09	0.84	0.00	1,282.000	343.09
11.300	1.30	14.13	15.92	0.89	0.00	1,352.000	343.09
11.350	1.38	14.94	16.82	0.94	0.00	1,429.000	343.10
11.400	1.47	15.92	17.80	0.94	0.00	1,517.000	343.11
11.450	1.57	17.08	18.96	0.94	0.00	1,621.000	343.11
11.500	1.66	18.43	20.31	0.94	0.00	1,742.000	343.12
11.550	1.99	20.20	22.08	0.94	0.00	1,901.000	343.13
11.600	2.39	22.69	24.57	0.94	0.00	2,125.000	343.15
11.650	3.05	26.25	28.13	0.94	0.00	2,445.000	343.17
11.700	3.83	31.25	33.13	0.94	0.00	2,897.000	343.20
11.750	4.67	37.87	39.75	0.94	0.00	3,491.000	343.24
11.800	5.58	46.25	48.13	0.94	0.00	4,247.000	343.29
11.850	6.55	56.50	58.38	0.94	0.00	5,168.000	343.36
11.900	7.61	68.79	70.67	0.94	0.00	6,274.000	343.43
11.950	11.09	85.62	87.50	0.94	0.00	7,788.000	343.53
12.000	15.52	110.30	112.23	0.94	0.02	10,013.000	343.68
12.050	17.23	140.81	143.05	0.94	0.18	12,772.000	343.86

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
12.100	18.10	173.31	176.14	0.94	0.48	15,724.000	344.05
12.150	15.24	203.12	206.66	0.94	0.83	18,439.000	344.22
12.200	11.15	225.49	229.52	0.94	1.07	20,473.000	344.34
12.250	9.42	241.81	246.07	0.94	1.19	21,953.000	344.43
12.300	8.30	255.12	259.54	0.94	1.27	23,159.000	344.51
12.350	7.29	266.16	270.71	0.94	1.34	24,158.000	344.57
12.400	6.30	275.10	279.76	0.94	1.39	24,968.000	344.61
12.450	5.29	281.96	286.69	0.94	1.42	25,587.000	344.65
12.500	4.26	286.73	291.50	0.94	1.45	26,019.000	344.68
12.550	3.57	289.74	294.55	0.94	1.46	26,292.000	344.69
12.600	2.97	291.44	296.27	0.94	1.47	26,447.000	344.70
12.650	2.73	292.31	297.14	0.94	1.48	26,525.000	344.71
12.700	2.60	292.81	297.65	0.94	1.48	26,570.000	344.71
12.750	2.49	293.05	297.90	0.94	1.48	26,592.000	344.71
12.800	2.38	293.08	297.92	0.94	1.48	26,594.000	344.71
12.850	2.27	292.90	297.74	0.94	1.48	26,578.000	344.71
12.900	2.16	292.50	297.34	0.94	1.48	26,542.000	344.71
12.950	2.06	291.89	296.72	0.94	1.48	26,487.000	344.70
13.000	1.95	291.07	295.89	0.94	1.47	26,413.000	344.70
13.050	1.87	290.07	294.88	0.94	1.47	26,322.000	344.70
13.100	1.80	288.93	293.73	0.94	1.46	26,219.000	344.69
13.150	1.76	287.70	292.49	0.94	1.45	26,107.000	344.68
13.200	1.73	286.41	291.18	0.94	1.45	25,990.000	344.68
13.250	1.70	285.08	289.84	0.94	1.44	25,870.000	344.67
13.300	1.67	283.71	288.45	0.94	1.43	25,745.000	344.66
13.350	1.64	282.29	287.02	0.94	1.42	25,617.000	344.65
13.400	1.62	280.84	285.56	0.94	1.42	25,486.000	344.65
13.450	1.59	279.35	284.05	0.94	1.41	25,351.000	344.64
13.500	1.56	277.82	282.50	0.94	1.40	25,213.000	344.63
13.550	1.53	276.25	280.91	0.94	1.39	25,071.000	344.62
13.600	1.50	274.64	279.28	0.94	1.38	24,925.000	344.61
13.650	1.48	272.99	277.62	0.94	1.37	24,777.000	344.60
13.700	1.45	271.30	275.91	0.94	1.37	24,624.000	344.59
13.750	1.42	269.57	274.16	0.94	1.36	24,467.000	344.58
13.800	1.39	267.81	272.38	0.94	1.35	24,307.000	344.58
13.850	1.36	266.01	270.56	0.94	1.33	24,144.000	344.57
13.900	1.33	264.18	268.70	0.94	1.32	23,978.000	344.56
13.950	1.30	262.30	266.81	0.94	1.31	23,808.000	344.55
14.000	1.27	260.40	264.88	0.94	1.30	23,636.000	344.53
14.050	1.25	258.46	262.92	0.94	1.29	23,461.000	344.52
14.100	1.23	256.50	260.94	0.94	1.28	23,284.000	344.51
14.150	1.21	254.53	258.94	0.94	1.27	23,106.000	344.50

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
14.200	1.20	252.55	256.94	0.94	1.26	22,926.000	344.49
14.250	1.19	250.57	254.93	0.94	1.24	22,746.000	344.48
14.300	1.17	248.58	252.92	0.94	1.23	22,566.000	344.47
14.350	1.16	246.60	250.91	0.94	1.22	22,386.000	344.46
14.400	1.14	244.61	248.90	0.94	1.20	22,206.000	344.45
14.450	1.13	242.62	246.89	0.94	1.19	22,026.000	344.44
14.500	1.12	240.63	244.87	0.94	1.18	21,846.000	344.43
14.550	1.10	238.64	242.85	0.94	1.17	21,666.000	344.42
14.600	1.09	236.64	240.83	0.94	1.15	21,486.000	344.40
14.650	1.08	234.65	238.81	0.94	1.14	21,305.000	344.39
14.700	1.06	232.66	236.79	0.94	1.13	21,124.000	344.38
14.750	1.05	230.66	234.76	0.94	1.11	20,942.000	344.37
14.800	1.03	228.67	232.74	0.94	1.10	20,762.000	344.36
14.850	1.02	226.68	230.72	0.94	1.08	20,581.000	344.35
14.900	1.00	224.69	228.70	0.94	1.07	20,401.000	344.34
14.950	0.99	222.70	226.68	0.94	1.05	20,220.000	344.33
15.000	0.98	220.71	224.66	0.94	1.04	20,041.000	344.32
15.050	0.96	218.72	222.65	0.94	1.02	19,861.000	344.31
15.100	0.95	216.74	220.63	0.94	1.00	19,681.000	344.29
15.150	0.93	214.78	218.62	0.94	0.98	19,502.000	344.28
15.200	0.92	212.85	216.64	0.94	0.95	19,325.000	344.27
15.250	0.91	210.94	214.68	0.94	0.93	19,151.000	344.26
15.300	0.89	209.05	212.74	0.94	0.90	18,978.000	344.25
15.350	0.88	207.18	210.82	0.94	0.88	18,808.000	344.24
15.400	0.86	205.32	208.92	0.94	0.86	18,639.000	344.23
15.450	0.85	203.49	207.04	0.94	0.83	18,472.000	344.22
15.500	0.83	201.67	205.17	0.94	0.81	18,307.000	344.21
15.550	0.82	199.87	203.33	0.94	0.79	18,144.000	344.20
15.600	0.81	198.09	201.50	0.94	0.76	17,981.000	344.19
15.650	0.79	196.32	199.69	0.94	0.74	17,819.000	344.18
15.700	0.78	194.56	197.89	0.94	0.72	17,659.000	344.17
15.750	0.76	192.82	196.10	0.94	0.70	17,500.000	344.16
15.800	0.75	191.09	194.33	0.94	0.68	17,342.000	344.15
15.850	0.73	189.37	192.57	0.94	0.66	17,185.000	344.14
15.900	0.72	187.67	190.82	0.94	0.64	17,030.000	344.13
15.950	0.70	185.97	189.09	0.94	0.62	16,876.000	344.12
16.000	0.69	184.29	187.36	0.94	0.60	16,724.000	344.11
16.050	0.68	182.62	185.66	0.94	0.58	16,572.000	344.10
16.100	0.67	180.97	183.97	0.94	0.56	16,422.000	344.09
16.150	0.66	179.33	182.30	0.94	0.54	16,272.000	344.08
16.200	0.65	177.72	180.65	0.94	0.52	16,125.000	344.07
16.250	0.65	176.12	179.02	0.94	0.51	15,979.000	344.06

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
16.300	0.64	174.55	177.41	0.94	0.49	15,836.000	344.05
16.350	0.64	173.00	175.83	0.94	0.47	15,695.000	344.05
16.400	0.63	171.47	174.27	0.94	0.46	15,556.000	344.04
16.450	0.62	169.96	172.72	0.94	0.44	15,419.000	344.03
16.500	0.62	168.47	171.20	0.94	0.42	15,284.000	344.02
16.550	0.61	167.00	169.70	0.94	0.41	15,151.000	344.01
16.600	0.60	165.55	168.22	0.94	0.39	15,019.000	344.00
16.650	0.60	164.12	166.75	0.94	0.38	14,889.000	343.99
16.700	0.59	162.70	165.31	0.94	0.36	14,759.000	343.99
16.750	0.58	161.29	163.87	0.94	0.35	14,631.000	343.98
16.800	0.58	159.89	162.45	0.94	0.34	14,504.000	343.97
16.850	0.57	158.51	161.04	0.94	0.33	14,378.000	343.96
16.900	0.57	157.14	159.65	0.94	0.31	14,253.000	343.95
16.950	0.56	155.78	158.27	0.94	0.30	14,130.000	343.95
17.000	0.55	154.44	156.89	0.94	0.29	14,008.000	343.94
17.050	0.55	153.10	155.54	0.94	0.28	13,887.000	343.93
17.100	0.54	151.78	154.19	0.94	0.26	13,767.000	343.92
17.150	0.53	150.47	152.86	0.94	0.25	13,649.000	343.92
17.200	0.53	149.17	151.53	0.94	0.24	13,531.000	343.91
17.250	0.52	147.88	150.22	0.94	0.23	13,415.000	343.90
17.300	0.52	146.60	148.92	0.94	0.22	13,298.000	343.89
17.350	0.51	145.33	147.63	0.94	0.21	13,182.000	343.89
17.400	0.50	144.05	146.34	0.94	0.20	13,066.000	343.88
17.450	0.50	142.79	145.05	0.94	0.19	12,951.000	343.87
17.500	0.49	141.53	143.77	0.94	0.18	12,837.000	343.86
17.550	0.48	140.27	142.50	0.94	0.17	12,723.000	343.86
17.600	0.48	139.02	141.23	0.94	0.17	12,609.000	343.85
17.650	0.47	137.77	139.96	0.94	0.16	12,496.000	343.84
17.700	0.46	136.53	138.71	0.94	0.15	12,384.000	343.83
17.750	0.46	135.30	137.45	0.94	0.14	12,272.000	343.83
17.800	0.45	134.06	136.20	0.94	0.13	12,161.000	343.82
17.850	0.44	132.83	134.96	0.94	0.12	12,050.000	343.81
17.900	0.44	131.61	133.72	0.94	0.11	11,939.000	343.81
17.950	0.43	130.39	132.48	0.94	0.10	11,829.000	343.80
18.000	0.42	129.17	131.25	0.94	0.10	11,718.000	343.79
18.050	0.42	127.95	130.01	0.94	0.09	11,607.000	343.78
18.100	0.42	126.72	128.78	0.94	0.09	11,496.000	343.78
18.150	0.41	125.51	127.55	0.94	0.08	11,386.000	343.77
18.200	0.41	124.30	126.33	0.94	0.08	11,277.000	343.76
18.250	0.41	123.10	125.12	0.94	0.07	11,168.000	343.76
18.300	0.41	121.91	123.92	0.94	0.07	11,060.000	343.75
18.350	0.41	120.72	122.72	0.94	0.06	10,953.000	343.74

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
18.400	0.40	119.54	121.53	0.94	0.05	10,846.000	343.73
18.450	0.40	118.37	120.35	0.94	0.05	10,741.000	343.73
18.500	0.40	117.20	119.17	0.94	0.04	10,636.000	343.72
18.550	0.40	116.05	118.00	0.94	0.04	10,531.000	343.71
18.600	0.40	114.90	116.84	0.94	0.03	10,428.000	343.71
18.650	0.40	113.75	115.69	0.94	0.03	10,325.000	343.70
18.700	0.39	112.61	114.54	0.94	0.03	10,221.000	343.69
18.750	0.39	111.46	113.39	0.94	0.02	10,118.000	343.69
18.800	0.39	110.32	112.24	0.94	0.02	10,014.000	343.68
18.850	0.39	109.18	111.10	0.94	0.02	9,911.000	343.67
18.900	0.39	108.03	109.95	0.94	0.02	9,807.000	343.67
18.950	0.38	106.89	108.80	0.94	0.02	9,704.000	343.66
19.000	0.38	105.74	107.65	0.94	0.01	9,601.000	343.65
19.050	0.38	104.60	106.50	0.94	0.01	9,498.000	343.65
19.100	0.38	103.45	105.36	0.94	0.01	9,395.000	343.64
19.150	0.38	102.31	104.21	0.94	0.01	9,292.000	343.63
19.200	0.37	101.17	103.06	0.94	0.01	9,189.000	343.63
19.250	0.37	100.02	101.91	0.94	0.01	9,086.000	343.62
19.300	0.37	98.88	100.76	0.94	0.00	8,983.000	343.61
19.350	0.37	97.73	99.61	0.94	0.00	8,880.000	343.61
19.400	0.37	96.59	98.47	0.94	0.00	8,777.000	343.60
19.450	0.36	95.44	97.32	0.94	0.00	8,673.000	343.59
19.500	0.36	94.28	96.16	0.94	0.00	8,569.000	343.59
19.550	0.36	93.13	95.01	0.94	0.00	8,465.000	343.58
19.600	0.36	91.97	93.85	0.94	0.00	8,360.000	343.57
19.650	0.36	90.80	92.68	0.94	0.00	8,255.000	343.56
19.700	0.35	89.64	91.52	0.94	0.00	8,150.000	343.56
19.750	0.35	88.46	90.34	0.94	0.00	8,044.000	343.55
19.800	0.35	87.29	89.17	0.94	0.00	7,938.000	343.54
19.850	0.35	86.11	87.99	0.94	0.00	7,832.000	343.54
19.900	0.35	84.92	86.80	0.94	0.00	7,726.000	343.53
19.950	0.35	83.74	85.62	0.94	0.00	7,620.000	343.52
20.000	0.34	82.55	84.43	0.94	0.00	7,513.000	343.51
20.050	0.34	81.35	83.23	0.94	0.00	7,406.000	343.51
20.100	0.34	80.15	82.03	0.94	0.00	7,298.000	343.50
20.150	0.34	78.95	80.83	0.94	0.00	7,190.000	343.49
20.200	0.34	77.75	79.63	0.94	0.00	7,081.000	343.49
20.250	0.34	76.54	78.42	0.94	0.00	6,972.000	343.48
20.300	0.33	75.33	77.21	0.94	0.00	6,863.000	343.47
20.350	0.33	74.12	76.00	0.94	0.00	6,754.000	343.46
20.400	0.33	72.90	74.78	0.94	0.00	6,644.000	343.46
20.450	0.33	71.68	73.56	0.94	0.00	6,534.000	343.45

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
20.500	0.33	70.46	72.34	0.94	0.00	6,424.000	343.44
20.550	0.33	69.24	71.12	0.94	0.00	6,314.000	343.43
20.600	0.33	68.01	69.89	0.94	0.00	6,204.000	343.43
20.650	0.32	66.78	68.66	0.94	0.00	6,094.000	343.42
20.700	0.32	65.55	67.43	0.94	0.00	5,983.000	343.41
20.750	0.32	64.31	66.19	0.94	0.00	5,872.000	343.40
20.800	0.32	63.07	64.95	0.94	0.00	5,761.000	343.40
20.850	0.32	61.83	63.71	0.94	0.00	5,649.000	343.39
20.900	0.32	60.59	62.47	0.94	0.00	5,536.000	343.38
20.950	0.32	59.34	61.22	0.94	0.00	5,423.000	343.37
21.000	0.32	58.09	59.97	0.94	0.00	5,311.000	343.37
21.050	0.31	56.84	58.72	0.94	0.00	5,198.000	343.36
21.100	0.31	55.58	57.46	0.94	0.00	5,085.000	343.35
21.150	0.31	54.32	56.20	0.94	0.00	4,972.000	343.34
21.200	0.31	53.06	54.94	0.94	0.00	4,858.000	343.34
21.250	0.31	51.80	53.68	0.94	0.00	4,745.000	343.33
21.300	0.31	50.53	52.41	0.94	0.00	4,631.000	343.32
21.350	0.30	49.26	51.14	0.94	0.00	4,517.000	343.31
21.400	0.30	47.99	49.87	0.94	0.00	4,403.000	343.31
21.450	0.30	46.71	48.59	0.94	0.00	4,288.000	343.30
21.500	0.30	45.43	47.31	0.94	0.00	4,172.000	343.29
21.550	0.30	44.14	46.02	0.94	0.00	4,056.000	343.28
21.600	0.30	42.86	44.74	0.94	0.00	3,940.000	343.27
21.650	0.30	41.57	43.45	0.94	0.00	3,824.000	343.27
21.700	0.29	40.28	42.16	0.94	0.00	3,708.000	343.26
21.750	0.29	38.99	40.87	0.94	0.00	3,592.000	343.25
21.800	0.29	37.69	39.57	0.94	0.00	3,475.000	343.24
21.850	0.29	36.40	38.28	0.94	0.00	3,358.000	343.23
21.900	0.29	35.09	36.97	0.94	0.00	3,242.000	343.23
21.950	0.29	33.79	35.67	0.94	0.00	3,124.000	343.22
22.000	0.29	32.48	34.36	0.94	0.00	3,007.000	343.21
22.050	0.28	31.17	33.05	0.94	0.00	2,890.000	343.20
22.100	0.28	29.86	31.74	0.94	0.00	2,771.000	343.19
22.150	0.28	28.54	30.42	0.94	0.00	2,652.000	343.19
22.200	0.28	27.22	29.10	0.94	0.00	2,533.000	343.18
22.250	0.28	25.90	27.78	0.94	0.00	2,414.000	343.17
22.300	0.28	24.57	26.45	0.94	0.00	2,294.000	343.16
22.350	0.27	23.24	25.12	0.94	0.00	2,174.000	343.15
22.400	0.27	21.91	23.79	0.94	0.00	2,055.000	343.14
22.450	0.27	20.58	22.46	0.94	0.00	1,935.000	343.14
22.500	0.27	19.24	21.12	0.94	0.00	1,815.000	343.13
22.550	0.27	17.90	19.78	0.94	0.00	1,694.000	343.12

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
22.600	0.27	16.56	18.44	0.94	0.00	1,574.000	343.11
22.650	0.27	15.21	17.09	0.94	0.00	1,454.000	343.10
22.700	0.26	13.98	15.75	0.88	0.00	1,337.000	343.09
22.750	0.26	12.89	14.51	0.81	0.00	1,232.000	343.09
22.800	0.26	11.91	13.41	0.75	0.00	1,138.000	343.08
22.850	0.26	11.04	12.43	0.70	0.00	1,055.000	343.07
22.900	0.26	10.27	11.56	0.65	0.00	981.000	343.07
22.950	0.26	9.58	10.78	0.60	0.00	914.000	343.06
23.000	0.26	8.96	10.09	0.56	0.00	855.000	343.06
23.050	0.25	8.41	9.47	0.53	0.00	803.000	343.06
23.100	0.25	7.92	8.92	0.50	0.00	756.000	343.05
23.150	0.25	7.48	8.42	0.47	0.00	714.000	343.05
23.200	0.25	7.09	7.98	0.45	0.00	676.000	343.05
23.250	0.25	6.74	7.59	0.42	0.00	643.000	343.05
23.300	0.25	6.42	7.23	0.40	0.00	613.000	343.04
23.350	0.25	6.14	6.92	0.39	0.00	586.000	343.04
23.400	0.25	5.89	6.63	0.37	0.00	562.000	343.04
23.450	0.24	5.67	6.38	0.36	0.00	540.000	343.04
23.500	0.24	5.46	6.15	0.34	0.00	521.000	343.04
23.550	0.24	5.28	5.95	0.33	0.00	503.000	343.04
23.600	0.24	5.11	5.76	0.32	0.00	487.000	343.03
23.650	0.24	4.96	5.59	0.31	0.00	473.000	343.03
23.700	0.24	4.83	5.44	0.30	0.00	460.000	343.03
23.750	0.23	4.70	5.30	0.30	0.00	448.000	343.03
23.800	0.23	4.59	5.17	0.29	0.00	438.000	343.03
23.850	0.23	4.49	5.06	0.28	0.00	428.000	343.03
23.900	0.23	4.40	4.95	0.28	0.00	419.000	343.03
23.950	0.23	4.31	4.85	0.27	0.00	411.000	343.03
24.000	0.23	4.23	4.76	0.27	0.00	403.000	343.03
24.050	0.14	4.08	4.60	0.26	0.00	389.000	343.03
24.100	0.03	3.78	4.26	0.24	0.00	361.000	343.03
24.150	0.01	3.40	3.83	0.21	0.00	324.000	343.02
24.200	0.00	3.03	3.41	0.19	0.00	288.000	343.02
24.250	0.00	2.69	3.03	0.17	0.00	256.000	343.02
24.300	0.00	2.39	2.69	0.15	0.00	227.000	343.02
24.350	0.00	2.12	2.39	0.13	0.00	202.000	343.01
24.400	0.00	1.88	2.12	0.12	0.00	179.000	343.01
24.450	0.00	1.67	1.88	0.11	0.00	159.000	343.01
24.500	0.00	1.49	1.67	0.09	0.00	141.000	343.01
24.550	0.00	1.32	1.49	0.08	0.00	126.000	343.01
24.600	0.00	1.17	1.32	0.07	0.00	112.000	343.01
24.650	0.00	1.04	1.17	0.07	0.00	99.000	343.01

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
24.700	0.00	0.92	1.04	0.06	0.00	88.000	343.01
24.750	0.00	0.82	0.92	0.05	0.00	78.000	343.01
24.800	0.00	0.73	0.82	0.05	0.00	69.000	343.00
24.850	0.00	0.65	0.73	0.04	0.00	62.000	343.00
24.900	0.00	0.57	0.65	0.04	0.00	55.000	343.00
24.950	0.00	0.51	0.57	0.03	0.00	49.000	343.00
25.000	0.00	0.45	0.51	0.03	0.00	43.000	343.00
25.050	0.00	0.40	0.45	0.03	0.00	38.000	343.00
25.100	0.00	0.36	0.40	0.02	0.00	34.000	343.00
25.150	0.00	0.32	0.36	0.02	0.00	30.000	343.00
25.200	0.00	0.28	0.32	0.02	0.00	27.000	343.00
25.250	0.00	0.25	0.28	0.02	0.00	24.000	343.00
25.300	0.00	0.22	0.25	0.01	0.00	21.000	343.00
25.350	0.00	0.20	0.22	0.01	0.00	19.000	343.00
25.400	0.00	0.18	0.20	0.01	0.00	17.000	343.00
25.450	0.00	0.16	0.18	0.01	0.00	15.000	343.00
25.500	0.00	0.14	0.16	0.01	0.00	13.000	343.00
25.550	0.00	0.12	0.14	0.01	0.00	12.000	343.00
25.600	0.00	0.11	0.12	0.01	0.00	10.000	343.00
25.650	0.00	0.10	0.11	0.01	0.00	9.000	343.00
25.700	0.00	0.09	0.10	0.01	0.00	8.000	343.00
25.750	0.00	0.08	0.09	0.00	0.00	7.000	343.00
25.800	0.00	0.07	0.08	0.00	0.00	6.000	343.00
25.850	0.00	0.06	0.07	0.00	0.00	6.000	343.00
25.900	0.00	0.05	0.06	0.00	0.00	5.000	343.00
25.950	0.00	0.05	0.05	0.00	0.00	5.000	343.00
26.000	0.00	0.04	0.05	0.00	0.00	4.000	343.00
26.050	0.00	0.04	0.04	0.00	0.00	4.000	343.00
26.100	0.00	0.03	0.04	0.00	0.00	3.000	343.00
26.150	0.00	0.03	0.03	0.00	0.00	3.000	343.00
26.200	0.00	0.03	0.03	0.00	0.00	2.000	343.00
26.250	0.00	0.02	0.03	0.00	0.00	2.000	343.00
26.300	0.00	0.02	0.02	0.00	0.00	2.000	343.00
26.350	0.00	0.02	0.02	0.00	0.00	2.000	343.00
26.400	0.00	0.02	0.02	0.00	0.00	2.000	343.00
26.450	0.00	0.01	0.02	0.00	0.00	0.000	343.00
26.500	0.00	0.01	0.01	0.00	0.00	0.000	343.00
26.550	0.00	0.01	0.01	0.00	0.00	0.000	343.00
26.600	0.00	0.01	0.01	0.00	0.00	0.000	343.00
26.650	0.00	0.01	0.01	0.00	0.00	0.000	343.00
26.700	0.00	0.01	0.01	0.00	0.00	0.000	343.00
26.750	0.00	0.01	0.01	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
26.800	0.00	0.01	0.01	0.00	0.00	0.000	343.00
26.850	0.00	0.01	0.01	0.00	0.00	0.000	343.00
26.900	0.00	0.00	0.01	0.00	0.00	0.000	343.00
26.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
27.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
28.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
28.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
29.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
31.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
33.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
35.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
0.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
1.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
2.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
2.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
3.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
4.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
4.900	0.00	0.00	0.01	0.00	0.00	0.000	343.00
4.950	0.01	0.01	0.02	0.00	0.00	0.000	343.00
5.000	0.01	0.03	0.03	0.00	0.00	3.000	343.00
5.050	0.02	0.05	0.06	0.00	0.00	5.000	343.00
5.100	0.02	0.08	0.09	0.00	0.00	7.000	343.00
5.150	0.02	0.11	0.12	0.01	0.00	10.000	343.00
5.200	0.03	0.14	0.16	0.01	0.00	14.000	343.00
5.250	0.03	0.18	0.21	0.01	0.00	17.000	343.00
5.300	0.04	0.22	0.25	0.01	0.00	21.000	343.00
5.350	0.04	0.27	0.30	0.02	0.00	26.000	343.00
5.400	0.05	0.32	0.36	0.02	0.00	30.000	343.00
5.450	0.05	0.37	0.41	0.02	0.00	35.000	343.00
5.500	0.06	0.42	0.47	0.03	0.00	40.000	343.00
5.550	0.06	0.48	0.54	0.03	0.00	45.000	343.00
5.600	0.06	0.53	0.60	0.03	0.00	51.000	343.00
5.650	0.07	0.59	0.66	0.04	0.00	56.000	343.00
5.700	0.07	0.65	0.73	0.04	0.00	62.000	343.00
5.750	0.08	0.71	0.80	0.04	0.00	68.000	343.00
5.800	0.08	0.77	0.87	0.05	0.00	74.000	343.01
5.850	0.09	0.84	0.94	0.05	0.00	80.000	343.01
5.900	0.09	0.90	1.02	0.06	0.00	86.000	343.01
5.950	0.10	0.97	1.09	0.06	0.00	92.000	343.01
6.000	0.10	1.04	1.17	0.07	0.00	99.000	343.01
6.050	0.11	1.10	1.24	0.07	0.00	105.000	343.01
6.100	0.11	1.17	1.32	0.07	0.00	112.000	343.01
6.150	0.12	1.25	1.40	0.08	0.00	119.000	343.01
6.200	0.12	1.32	1.49	0.08	0.00	126.000	343.01
6.250	0.13	1.40	1.58	0.09	0.00	133.000	343.01

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
6.300	0.14	1.48	1.67	0.09	0.00	141.000	343.01
6.350	0.14	1.57	1.76	0.10	0.00	149.000	343.01
6.400	0.15	1.65	1.86	0.10	0.00	157.000	343.01
6.450	0.16	1.74	1.96	0.11	0.00	166.000	343.01
6.500	0.17	1.83	2.06	0.12	0.00	175.000	343.01
6.550	0.17	1.93	2.17	0.12	0.00	184.000	343.01
6.600	0.18	2.03	2.28	0.13	0.00	193.000	343.01
6.650	0.19	2.13	2.39	0.13	0.00	202.000	343.01
6.700	0.20	2.23	2.51	0.14	0.00	212.000	343.01
6.750	0.20	2.34	2.63	0.15	0.00	222.000	343.02
6.800	0.21	2.44	2.75	0.15	0.00	233.000	343.02
6.850	0.22	2.55	2.88	0.16	0.00	243.000	343.02
6.900	0.23	2.67	3.01	0.17	0.00	254.000	343.02
6.950	0.24	2.79	3.14	0.18	0.00	265.000	343.02
7.000	0.25	2.90	3.27	0.18	0.00	277.000	343.02
7.050	0.26	3.03	3.41	0.19	0.00	288.000	343.02
7.100	0.27	3.15	3.55	0.20	0.00	300.000	343.02
7.150	0.27	3.28	3.69	0.21	0.00	312.000	343.02
7.200	0.28	3.41	3.84	0.21	0.00	325.000	343.02
7.250	0.29	3.54	3.98	0.22	0.00	337.000	343.02
7.300	0.30	3.67	4.14	0.23	0.00	350.000	343.02
7.350	0.31	3.81	4.29	0.24	0.00	363.000	343.03
7.400	0.32	3.95	4.45	0.25	0.00	376.000	343.03
7.450	0.33	4.09	4.61	0.26	0.00	390.000	343.03
7.500	0.35	4.24	4.77	0.27	0.00	404.000	343.03
7.550	0.36	4.38	4.94	0.28	0.00	418.000	343.03
7.600	0.37	4.53	5.10	0.29	0.00	432.000	343.03
7.650	0.38	4.68	5.27	0.30	0.00	446.000	343.03
7.700	0.39	4.84	5.45	0.31	0.00	461.000	343.03
7.750	0.40	5.00	5.63	0.31	0.00	476.000	343.03
7.800	0.41	5.15	5.80	0.32	0.00	491.000	343.03
7.850	0.42	5.31	5.98	0.34	0.00	507.000	343.04
7.900	0.43	5.48	6.17	0.35	0.00	522.000	343.04
7.950	0.44	5.65	6.36	0.36	0.00	538.000	343.04
8.000	0.46	5.81	6.55	0.37	0.00	554.000	343.04
8.050	0.47	5.98	6.74	0.38	0.00	571.000	343.04
8.100	0.49	6.16	6.94	0.39	0.00	588.000	343.04
8.150	0.50	6.35	7.15	0.40	0.00	606.000	343.04
8.200	0.52	6.55	7.38	0.41	0.00	625.000	343.04
8.250	0.54	6.76	7.61	0.43	0.00	645.000	343.05
8.300	0.56	6.98	7.86	0.44	0.00	666.000	343.05
8.350	0.58	7.21	8.12	0.45	0.00	688.000	343.05

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
8.400	0.60	7.45	8.39	0.47	0.00	711.000	343.05
8.450	0.62	7.71	8.68	0.49	0.00	735.000	343.05
8.500	0.64	7.97	8.97	0.50	0.00	760.000	343.05
8.550	0.66	8.24	9.27	0.52	0.00	786.000	343.06
8.600	0.69	8.51	9.59	0.54	0.00	813.000	343.06
8.650	0.71	8.80	9.91	0.55	0.00	840.000	343.06
8.700	0.73	9.09	10.24	0.57	0.00	868.000	343.06
8.750	0.76	9.40	10.58	0.59	0.00	897.000	343.06
8.800	0.78	9.71	10.93	0.61	0.00	927.000	343.07
8.850	0.80	10.02	11.29	0.63	0.00	957.000	343.07
8.900	0.83	10.35	11.66	0.65	0.00	989.000	343.07
8.950	0.85	10.68	12.03	0.67	0.00	1,021.000	343.07
9.000	0.88	11.02	12.41	0.69	0.00	1,053.000	343.07
9.050	0.90	11.37	12.80	0.72	0.00	1,086.000	343.08
9.100	0.93	11.72	13.20	0.74	0.00	1,120.000	343.08
9.150	0.95	12.08	13.60	0.76	0.00	1,155.000	343.08
9.200	0.98	12.45	14.02	0.78	0.00	1,190.000	343.08
9.250	1.01	12.82	14.44	0.81	0.00	1,226.000	343.09
9.300	1.04	13.20	14.86	0.83	0.00	1,262.000	343.09
9.350	1.06	13.59	15.30	0.86	0.00	1,299.000	343.09
9.400	1.09	13.98	15.74	0.88	0.00	1,337.000	343.09
9.450	1.12	14.37	16.18	0.91	0.00	1,375.000	343.10
9.500	1.15	14.78	16.64	0.93	0.00	1,414.000	343.10
9.550	1.18	15.22	17.10	0.94	0.00	1,454.000	343.10
9.600	1.21	15.72	17.60	0.94	0.00	1,499.000	343.11
9.650	1.23	16.28	18.16	0.94	0.00	1,549.000	343.11
9.700	1.27	16.90	18.78	0.94	0.00	1,605.000	343.11
9.750	1.29	17.58	19.46	0.94	0.00	1,666.000	343.12
9.800	1.32	18.32	20.20	0.94	0.00	1,732.000	343.12
9.850	1.36	19.12	21.00	0.94	0.00	1,804.000	343.13
9.900	1.39	19.98	21.86	0.94	0.00	1,881.000	343.13
9.950	1.42	20.91	22.79	0.94	0.00	1,964.000	343.14
10.000	1.45	21.89	23.77	0.94	0.00	2,053.000	343.14
10.050	1.49	22.95	24.83	0.94	0.00	2,148.000	343.15
10.100	1.53	24.08	25.96	0.94	0.00	2,250.000	343.16
10.150	1.58	25.31	27.19	0.94	0.00	2,361.000	343.16
10.200	1.63	26.64	28.52	0.94	0.00	2,481.000	343.17
10.250	1.68	28.07	29.95	0.94	0.00	2,610.000	343.18
10.300	1.74	29.61	31.49	0.94	0.00	2,749.000	343.19
10.350	1.79	31.26	33.14	0.94	0.00	2,898.000	343.20
10.400	1.85	33.02	34.90	0.94	0.00	3,056.000	343.21
10.450	1.90	34.90	36.78	0.94	0.00	3,224.000	343.22

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
10.500	1.96	36.88	38.76	0.94	0.00	3,402.000	343.24
10.550	2.02	38.98	40.86	0.94	0.00	3,591.000	343.25
10.600	2.08	41.20	43.08	0.94	0.00	3,791.000	343.26
10.650	2.14	43.53	45.41	0.94	0.00	4,001.000	343.28
10.700	2.20	45.99	47.87	0.94	0.00	4,223.000	343.29
10.750	2.26	48.56	50.44	0.94	0.00	4,454.000	343.31
10.800	2.32	51.26	53.14	0.94	0.00	4,696.000	343.33
10.850	2.38	54.07	55.95	0.94	0.00	4,949.000	343.34
10.900	2.44	57.02	58.90	0.94	0.00	5,214.000	343.36
10.950	2.51	60.08	61.96	0.94	0.00	5,491.000	343.38
11.000	2.57	63.28	65.16	0.94	0.00	5,779.000	343.40
11.050	2.68	66.65	68.53	0.94	0.00	6,081.000	343.42
11.100	2.80	70.25	72.13	0.94	0.00	6,405.000	343.44
11.150	2.98	74.15	76.03	0.94	0.00	6,757.000	343.46
11.200	3.17	78.42	80.30	0.94	0.00	7,142.000	343.49
11.250	3.37	83.09	84.97	0.94	0.00	7,561.000	343.52
11.300	3.57	88.15	90.03	0.94	0.00	8,016.000	343.55
11.350	3.78	93.63	95.51	0.94	0.00	8,510.000	343.58
11.400	3.99	99.51	101.40	0.94	0.00	9,040.000	343.62
11.450	4.20	105.79	107.70	0.94	0.01	9,605.000	343.65
11.500	4.43	112.49	114.42	0.94	0.03	10,211.000	343.69
11.550	5.23	120.16	122.15	0.94	0.06	10,902.000	343.74
11.600	6.22	129.53	131.61	0.94	0.10	11,751.000	343.79
11.650	7.86	141.37	143.61	0.94	0.18	12,822.000	343.86
11.700	9.73	156.46	158.96	0.94	0.31	14,192.000	343.95
11.750	11.70	175.03	177.90	0.94	0.50	15,880.000	344.06
11.800	13.75	197.09	200.48	0.94	0.75	17,890.000	344.18
11.850	15.88	222.74	226.72	0.94	1.05	20,224.000	344.33
11.900	18.13	252.35	256.74	0.94	1.25	22,909.000	344.49
11.950	25.87	291.52	296.35	0.94	1.47	26,454.000	344.70
12.000	35.38	347.42	352.77	0.94	1.73	31,508.000	345.00
12.050	38.45	415.38	421.25	0.94	2.00	37,646.000	345.34
12.100	39.62	487.10	493.44	0.94	2.23	44,124.000	345.70
12.150	32.88	552.87	559.60	0.94	2.42	50,060.000	346.01
12.200	23.80	602.56	609.55	0.94	2.55	54,543.000	346.25
12.250	19.94	639.13	646.30	0.94	2.65	57,843.000	346.41
12.300	17.45	669.20	676.52	0.94	2.72	60,555.000	346.55
12.350	15.26	694.48	701.92	0.94	2.78	62,836.000	346.66
12.400	13.12	715.33	722.86	0.94	2.82	64,717.000	346.76
12.450	10.97	731.83	739.43	0.94	2.86	66,205.000	346.83
12.500	8.81	743.97	751.62	0.94	2.88	67,300.000	346.88
12.550	7.37	752.46	760.15	0.94	2.90	68,066.000	346.92

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
12.600	6.12	758.24	765.95	0.94	2.91	68,586.000	346.94
12.650	5.63	762.26	769.99	0.94	2.92	68,949.000	346.96
12.700	5.35	765.50	773.24	0.94	2.93	69,242.000	346.98
12.750	5.11	768.21	775.97	0.94	2.94	69,487.000	346.99
12.800	4.89	770.45	778.21	0.94	2.94	69,690.000	347.00
12.850	4.66	772.23	780.00	0.94	2.94	69,850.000	347.00
12.900	4.43	773.55	781.32	0.94	2.95	69,968.000	347.01
12.950	4.21	774.41	782.18	0.94	2.95	70,045.000	347.01
13.000	3.98	774.81	782.59	0.94	2.95	70,082.000	347.02
13.050	3.81	774.82	782.60	0.94	2.95	70,083.000	347.02
13.100	3.66	774.52	782.30	0.94	2.95	70,055.000	347.01
13.150	3.58	773.99	781.76	0.94	2.95	70,008.000	347.01
13.200	3.52	773.32	781.09	0.94	2.95	69,948.000	347.01
13.250	3.46	772.53	780.30	0.94	2.94	69,877.000	347.01
13.300	3.40	771.63	779.39	0.94	2.94	69,796.000	347.00
13.350	3.34	770.61	778.37	0.94	2.94	69,704.000	347.00
13.400	3.28	769.48	777.24	0.94	2.94	69,601.000	346.99
13.450	3.22	768.23	775.99	0.94	2.94	69,489.000	346.99
13.500	3.17	766.88	774.63	0.94	2.93	69,366.000	346.98
13.550	3.11	765.41	773.15	0.94	2.93	69,234.000	346.98
13.600	3.05	763.83	771.57	0.94	2.93	69,091.000	346.97
13.650	2.99	762.14	769.87	0.94	2.92	68,938.000	346.96
13.700	2.93	760.34	768.06	0.94	2.92	68,776.000	346.95
13.750	2.87	758.43	766.14	0.94	2.92	68,603.000	346.94
13.800	2.81	756.40	764.11	0.94	2.91	68,421.000	346.94
13.850	2.75	754.27	761.96	0.94	2.91	68,229.000	346.93
13.900	2.69	752.02	759.71	0.94	2.90	68,027.000	346.92
13.950	2.63	749.67	757.34	0.94	2.90	67,815.000	346.91
14.000	2.57	747.21	754.87	0.94	2.89	67,593.000	346.90
14.050	2.52	744.65	752.30	0.94	2.89	67,361.000	346.88
14.100	2.48	742.00	749.64	0.94	2.88	67,122.000	346.87
14.150	2.44	739.29	746.92	0.94	2.87	66,877.000	346.86
14.200	2.42	736.53	744.15	0.94	2.87	66,629.000	346.85
14.250	2.39	733.73	741.34	0.94	2.86	66,376.000	346.84
14.300	2.36	730.88	738.47	0.94	2.86	66,119.000	346.82
14.350	2.33	727.98	735.57	0.94	2.85	65,859.000	346.81
14.400	2.30	725.05	732.61	0.94	2.84	65,595.000	346.80
14.450	2.27	722.07	729.62	0.94	2.84	65,325.000	346.79
14.500	2.24	719.04	726.58	0.94	2.83	65,051.000	346.77
14.550	2.21	715.97	723.50	0.94	2.82	64,774.000	346.76
14.600	2.19	712.86	720.37	0.94	2.82	64,493.000	346.74
14.650	2.16	709.70	717.20	0.94	2.81	64,209.000	346.73

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
14.700	2.13	706.50	713.99	0.94	2.80	63,921.000	346.72
14.750	2.10	703.26	710.73	0.94	2.80	63,629.000	346.70
14.800	2.07	699.97	707.43	0.94	2.79	63,332.000	346.69
14.850	2.04	696.64	704.08	0.94	2.78	63,031.000	346.67
14.900	2.01	693.27	700.70	0.94	2.77	62,727.000	346.66
14.950	1.98	689.86	697.27	0.94	2.77	62,419.000	346.64
15.000	1.96	686.40	693.80	0.94	2.76	62,107.000	346.63
15.050	1.93	682.91	690.29	0.94	2.75	61,793.000	346.61
15.100	1.90	679.37	686.73	0.94	2.74	61,474.000	346.60
15.150	1.87	675.79	683.13	0.94	2.73	61,150.000	346.58
15.200	1.84	672.17	679.50	0.94	2.72	60,823.000	346.56
15.250	1.81	668.51	675.82	0.94	2.72	60,492.000	346.55
15.300	1.78	664.80	672.10	0.94	2.71	60,159.000	346.53
15.350	1.75	661.06	668.34	0.94	2.70	59,822.000	346.51
15.400	1.72	657.28	664.54	0.94	2.69	59,481.000	346.50
15.450	1.69	653.45	660.70	0.94	2.68	59,135.000	346.48
15.500	1.66	649.59	656.81	0.94	2.67	58,786.000	346.46
15.550	1.64	645.69	652.89	0.94	2.66	58,434.000	346.44
15.600	1.61	641.75	648.93	0.94	2.65	58,079.000	346.43
15.650	1.58	637.77	644.93	0.94	2.64	57,721.000	346.41
15.700	1.55	633.75	640.89	0.94	2.63	57,358.000	346.39
15.750	1.52	629.69	636.81	0.94	2.62	56,991.000	346.37
15.800	1.49	625.59	632.70	0.94	2.61	56,621.000	346.35
15.850	1.46	621.46	628.54	0.94	2.60	56,248.000	346.33
15.900	1.43	617.29	624.35	0.94	2.59	55,873.000	346.31
15.950	1.40	613.08	620.12	0.94	2.58	55,493.000	346.29
16.000	1.37	608.83	615.85	0.94	2.57	55,109.000	346.28
16.050	1.35	604.56	611.56	0.94	2.56	54,723.000	346.26
16.100	1.33	600.26	607.24	0.94	2.55	54,335.000	346.24
16.150	1.31	595.95	602.91	0.94	2.54	53,947.000	346.22
16.200	1.30	591.63	598.56	0.94	2.53	53,558.000	346.20
16.250	1.29	587.30	594.22	0.94	2.52	53,167.000	346.18
16.300	1.28	582.98	589.87	0.94	2.50	52,776.000	346.16
16.350	1.26	578.65	585.52	0.94	2.49	52,386.000	346.14
16.400	1.25	574.32	581.17	0.94	2.48	51,996.000	346.11
16.450	1.24	569.99	576.81	0.94	2.47	51,605.000	346.09
16.500	1.23	565.65	572.45	0.94	2.46	51,213.000	346.07
16.550	1.21	561.32	568.09	0.94	2.45	50,821.000	346.05
16.600	1.20	556.98	563.73	0.94	2.43	50,430.000	346.03
16.650	1.19	552.64	559.36	0.94	2.42	50,039.000	346.01
16.700	1.18	548.30	555.00	0.94	2.41	49,648.000	345.99
16.750	1.16	543.96	550.64	0.94	2.40	49,255.000	345.97

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
16.800	1.15	539.61	546.27	0.94	2.39	48,862.000	345.95
16.850	1.14	535.27	541.90	0.94	2.37	48,470.000	345.93
16.900	1.12	530.92	537.53	0.94	2.36	48,079.000	345.91
16.950	1.11	526.58	533.16	0.94	2.35	47,687.000	345.89
17.000	1.10	522.23	528.78	0.94	2.34	47,294.000	345.87
17.050	1.08	517.88	524.41	0.94	2.32	46,901.000	345.85
17.100	1.07	513.54	520.04	0.94	2.31	46,509.000	345.83
17.150	1.06	509.19	515.67	0.94	2.30	46,118.000	345.81
17.200	1.04	504.84	511.30	0.94	2.29	45,725.000	345.79
17.250	1.03	500.50	506.92	0.94	2.27	45,332.000	345.76
17.300	1.02	496.15	502.55	0.94	2.26	44,940.000	345.74
17.350	1.01	491.81	498.18	0.94	2.25	44,548.000	345.72
17.400	0.99	487.46	493.81	0.94	2.23	44,157.000	345.70
17.450	0.98	483.12	489.44	0.94	2.22	43,764.000	345.68
17.500	0.97	478.78	485.07	0.94	2.21	43,371.000	345.66
17.550	0.96	474.44	480.71	0.94	2.19	42,980.000	345.64
17.600	0.94	470.10	476.34	0.94	2.18	42,589.000	345.62
17.650	0.93	465.77	471.98	0.94	2.17	42,198.000	345.60
17.700	0.92	461.44	467.62	0.94	2.15	41,806.000	345.57
17.750	0.91	457.11	463.26	0.94	2.14	41,414.000	345.55
17.800	0.89	452.78	458.90	0.94	2.12	41,024.000	345.53
17.850	0.88	448.45	454.55	0.94	2.11	40,634.000	345.51
17.900	0.87	444.13	450.20	0.94	2.09	40,244.000	345.49
17.950	0.86	439.81	445.85	0.94	2.08	39,853.000	345.47
18.000	0.84	435.50	441.51	0.94	2.07	39,463.000	345.45
18.050	0.83	431.19	437.17	0.94	2.05	39,074.000	345.42
18.100	0.82	426.89	432.84	0.94	2.04	38,687.000	345.40
18.150	0.82	422.61	428.53	0.94	2.02	38,300.000	345.38
18.200	0.82	418.35	424.24	0.94	2.01	37,914.000	345.36
18.250	0.81	414.11	419.97	0.94	1.99	37,532.000	345.34
18.300	0.81	409.90	415.73	0.94	1.98	37,152.000	345.32
18.350	0.80	405.70	411.51	0.94	1.96	36,774.000	345.30
18.400	0.80	401.53	407.31	0.94	1.95	36,396.000	345.28
18.450	0.80	397.39	403.13	0.94	1.93	36,021.000	345.25
18.500	0.79	393.27	398.98	0.94	1.92	35,649.000	345.23
18.550	0.79	389.17	394.85	0.94	1.90	35,280.000	345.21
18.600	0.79	385.09	390.74	0.94	1.88	34,912.000	345.19
18.650	0.78	381.04	386.66	0.94	1.87	34,545.000	345.17
18.700	0.78	377.01	382.60	0.94	1.85	34,180.000	345.15
18.750	0.77	373.00	378.56	0.94	1.84	33,819.000	345.13
18.800	0.77	369.02	374.55	0.94	1.82	33,460.000	345.11
18.850	0.77	365.07	370.56	0.94	1.81	33,102.000	345.09

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
18.900	0.76	361.13	366.59	0.94	1.79	32,746.000	345.07
18.950	0.76	357.22	362.65	0.94	1.77	32,392.000	345.05
19.000	0.75	353.34	358.74	0.94	1.76	32,042.000	345.03
19.050	0.75	349.48	354.85	0.94	1.74	31,694.000	345.01
19.100	0.75	345.65	350.98	0.94	1.73	31,347.000	344.99
19.150	0.74	341.84	347.13	0.94	1.71	31,002.000	344.97
19.200	0.74	338.05	343.32	0.94	1.69	30,660.000	344.95
19.250	0.73	334.30	339.53	0.94	1.68	30,320.000	344.93
19.300	0.73	330.56	335.76	0.94	1.66	29,984.000	344.91
19.350	0.73	326.85	332.02	0.94	1.64	29,648.000	344.89
19.400	0.72	323.17	328.30	0.94	1.63	29,314.000	344.87
19.450	0.72	319.51	324.61	0.94	1.61	28,984.000	344.85
19.500	0.71	315.88	320.95	0.94	1.59	28,656.000	344.83
19.550	0.71	312.28	317.31	0.94	1.58	28,330.000	344.81
19.600	0.71	308.70	313.70	0.94	1.56	28,007.000	344.79
19.650	0.70	305.15	310.11	0.94	1.54	27,685.000	344.78
19.700	0.70	301.63	306.55	0.94	1.52	27,366.000	344.76
19.750	0.70	298.13	303.02	0.94	1.51	27,050.000	344.74
19.800	0.69	294.66	299.52	0.94	1.49	26,737.000	344.72
19.850	0.69	291.22	296.04	0.94	1.47	26,427.000	344.70
19.900	0.68	287.80	292.59	0.94	1.45	26,117.000	344.68
19.950	0.68	284.42	289.17	0.94	1.44	25,809.000	344.66
20.000	0.68	281.06	285.78	0.94	1.42	25,506.000	344.65
20.050	0.67	277.73	282.41	0.94	1.40	25,205.000	344.63
20.100	0.67	274.43	279.07	0.94	1.38	24,907.000	344.61
20.150	0.67	271.15	275.76	0.94	1.36	24,611.000	344.59
20.200	0.67	267.92	272.49	0.94	1.35	24,317.000	344.58
20.250	0.66	264.71	269.25	0.94	1.33	24,026.000	344.56
20.300	0.66	261.54	266.03	0.94	1.31	23,739.000	344.54
20.350	0.66	258.39	262.85	0.94	1.29	23,454.000	344.52
20.400	0.65	255.27	259.70	0.94	1.27	23,173.000	344.51
20.450	0.65	252.19	256.58	0.94	1.25	22,894.000	344.49
20.500	0.65	249.14	253.49	0.94	1.23	22,617.000	344.47
20.550	0.65	246.13	250.43	0.94	1.21	22,343.000	344.46
20.600	0.64	243.14	247.41	0.94	1.19	22,073.000	344.44
20.650	0.64	240.19	244.42	0.94	1.18	21,806.000	344.42
20.700	0.63	237.27	241.46	0.94	1.16	21,542.000	344.41
20.750	0.63	234.38	238.53	0.94	1.14	21,280.000	344.39
20.800	0.63	231.53	235.64	0.94	1.12	21,021.000	344.38
20.850	0.63	228.71	232.79	0.94	1.10	20,766.000	344.36
20.900	0.62	225.93	229.96	0.94	1.08	20,513.000	344.35
20.950	0.62	223.18	227.17	0.94	1.06	20,264.000	344.33

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
21.000	0.62	220.47	224.42	0.94	1.04	20,019.000	344.31
21.050	0.62	217.79	221.71	0.94	1.02	19,778.000	344.30
21.100	0.61	215.18	219.02	0.94	0.98	19,538.000	344.29
21.150	0.61	212.62	216.40	0.94	0.95	19,304.000	344.27
21.200	0.61	210.12	213.83	0.94	0.92	19,076.000	344.26
21.250	0.60	207.67	211.33	0.94	0.89	18,853.000	344.24
21.300	0.60	205.29	208.88	0.94	0.86	18,636.000	344.23
21.350	0.60	202.96	206.49	0.94	0.83	18,424.000	344.22
21.400	0.60	200.68	204.15	0.94	0.80	18,217.000	344.20
21.450	0.59	198.45	201.87	0.94	0.77	18,013.000	344.19
21.500	0.59	196.26	199.63	0.94	0.74	17,814.000	344.18
21.550	0.59	194.12	197.43	0.94	0.72	17,618.000	344.17
21.600	0.59	192.03	195.29	0.94	0.69	17,427.000	344.15
21.650	0.58	189.98	193.20	0.94	0.67	17,241.000	344.14
21.700	0.58	187.98	191.14	0.94	0.64	17,058.000	344.13
21.750	0.58	186.01	189.13	0.94	0.62	16,880.000	344.12
21.800	0.57	184.09	187.16	0.94	0.60	16,705.000	344.11
21.850	0.57	182.21	185.23	0.94	0.57	16,535.000	344.10
21.900	0.57	180.36	183.35	0.94	0.55	16,366.000	344.09
21.950	0.56	178.54	181.49	0.94	0.53	16,200.000	344.08
22.000	0.56	176.76	179.67	0.94	0.51	16,037.000	344.07
22.050	0.56	175.01	177.88	0.94	0.49	15,878.000	344.06
22.100	0.56	173.29	176.12	0.94	0.48	15,721.000	344.05
22.150	0.55	171.60	174.40	0.94	0.46	15,568.000	344.04
22.200	0.55	169.94	172.70	0.94	0.44	15,418.000	344.03
22.250	0.55	168.32	171.04	0.94	0.42	15,270.000	344.02
22.300	0.54	166.71	169.40	0.94	0.40	15,124.000	344.01
22.350	0.54	165.14	167.79	0.94	0.39	14,982.000	344.00
22.400	0.54	163.59	166.22	0.94	0.37	14,841.000	343.99
22.450	0.54	162.07	164.66	0.94	0.36	14,702.000	343.98
22.500	0.53	160.56	163.13	0.94	0.35	14,565.000	343.97
22.550	0.53	159.08	161.62	0.94	0.33	14,430.000	343.97
22.600	0.53	157.62	160.14	0.94	0.32	14,297.000	343.96
22.650	0.53	156.18	158.67	0.94	0.30	14,167.000	343.95
22.700	0.52	154.76	157.23	0.94	0.29	14,038.000	343.94
22.750	0.52	153.36	155.80	0.94	0.28	13,911.000	343.93
22.800	0.51	151.98	154.40	0.94	0.27	13,786.000	343.92
22.850	0.51	150.62	153.01	0.94	0.25	13,662.000	343.92
22.900	0.51	149.28	151.64	0.94	0.24	13,541.000	343.91
22.950	0.51	147.96	150.30	0.94	0.23	13,421.000	343.90
23.000	0.50	146.65	148.97	0.94	0.22	13,302.000	343.89
23.050	0.50	145.35	147.65	0.94	0.21	13,184.000	343.89

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
23.100	0.49	144.06	146.35	0.94	0.20	13,067.000	343.88
23.150	0.49	142.79	145.05	0.94	0.19	12,951.000	343.87
23.200	0.49	141.53	143.77	0.94	0.18	12,837.000	343.86
23.250	0.49	140.28	142.51	0.94	0.17	12,723.000	343.86
23.300	0.48	139.04	141.25	0.94	0.17	12,611.000	343.85
23.350	0.48	137.81	140.01	0.94	0.16	12,500.000	343.84
23.400	0.48	136.60	138.78	0.94	0.15	12,390.000	343.83
23.450	0.48	135.40	137.56	0.94	0.14	12,282.000	343.83
23.500	0.47	134.21	136.36	0.94	0.13	12,174.000	343.82
23.550	0.47	133.03	135.16	0.94	0.12	12,068.000	343.81
23.600	0.47	131.86	133.97	0.94	0.11	11,962.000	343.81
23.650	0.47	130.70	132.79	0.94	0.11	11,857.000	343.80
23.700	0.46	129.55	131.63	0.94	0.10	11,752.000	343.79
23.750	0.46	128.40	130.47	0.94	0.10	11,648.000	343.79
23.800	0.46	127.25	129.31	0.94	0.09	11,544.000	343.78
23.850	0.45	126.11	128.16	0.94	0.09	11,441.000	343.77
23.900	0.45	124.97	127.01	0.94	0.08	11,338.000	343.77
23.950	0.45	123.84	125.87	0.94	0.07	11,235.000	343.76
24.000	0.45	122.71	124.73	0.94	0.07	11,133.000	343.75
24.050	0.28	121.43	123.44	0.94	0.06	11,017.000	343.75
24.100	0.07	119.79	121.78	0.94	0.06	10,869.000	343.74
24.150	0.02	117.90	119.87	0.94	0.05	10,698.000	343.73
24.200	0.00	115.96	117.92	0.94	0.04	10,523.000	343.71
24.250	0.00	114.02	115.96	0.94	0.03	10,349.000	343.70
24.300	0.00	112.09	114.02	0.94	0.02	10,175.000	343.69
24.350	0.00	110.17	112.09	0.94	0.02	10,001.000	343.68
24.400	0.00	108.25	110.17	0.94	0.02	9,827.000	343.67
24.450	0.00	106.34	108.25	0.94	0.02	9,655.000	343.66
24.500	0.00	104.44	106.34	0.94	0.01	9,483.000	343.65
24.550	0.00	102.54	104.44	0.94	0.01	9,312.000	343.63
24.600	0.00	100.65	102.54	0.94	0.01	9,142.000	343.62
24.650	0.00	98.76	100.65	0.94	0.00	8,972.000	343.61
24.700	0.00	96.88	98.76	0.94	0.00	8,804.000	343.60
24.750	0.00	95.00	96.88	0.94	0.00	8,634.000	343.59
24.800	0.00	93.12	95.00	0.94	0.00	8,464.000	343.58
24.850	0.00	91.24	93.12	0.94	0.00	8,294.000	343.57
24.900	0.00	89.36	91.24	0.94	0.00	8,125.000	343.56
24.950	0.00	87.48	89.36	0.94	0.00	7,956.000	343.54
25.000	0.00	85.60	87.48	0.94	0.00	7,787.000	343.53
25.050	0.00	83.72	85.60	0.94	0.00	7,618.000	343.52
25.100	0.00	81.84	83.72	0.94	0.00	7,449.000	343.51
25.150	0.00	79.96	81.84	0.94	0.00	7,281.000	343.50

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
25.200	0.00	78.08	79.96	0.94	0.00	7,111.000	343.49
25.250	0.00	76.20	78.08	0.94	0.00	6,941.000	343.48
25.300	0.00	74.32	76.20	0.94	0.00	6,772.000	343.47
25.350	0.00	72.44	74.32	0.94	0.00	6,602.000	343.45
25.400	0.00	70.56	72.44	0.94	0.00	6,433.000	343.44
25.450	0.00	68.68	70.56	0.94	0.00	6,264.000	343.43
25.500	0.00	66.80	68.68	0.94	0.00	6,095.000	343.42
25.550	0.00	64.92	66.80	0.94	0.00	5,927.000	343.41
25.600	0.00	63.04	64.92	0.94	0.00	5,758.000	343.40
25.650	0.00	61.16	63.04	0.94	0.00	5,588.000	343.39
25.700	0.00	59.28	61.16	0.94	0.00	5,418.000	343.37
25.750	0.00	57.40	59.28	0.94	0.00	5,249.000	343.36
25.800	0.00	55.52	57.40	0.94	0.00	5,079.000	343.35
25.850	0.00	53.64	55.52	0.94	0.00	4,910.000	343.34
25.900	0.00	51.76	53.64	0.94	0.00	4,741.000	343.33
25.950	0.00	49.88	51.76	0.94	0.00	4,573.000	343.32
26.000	0.00	48.00	49.88	0.94	0.00	4,404.000	343.31
26.050	0.00	46.12	48.00	0.94	0.00	4,235.000	343.29
26.100	0.00	44.24	46.12	0.94	0.00	4,065.000	343.28
26.150	0.00	42.36	44.24	0.94	0.00	3,895.000	343.27
26.200	0.00	40.48	42.36	0.94	0.00	3,726.000	343.26
26.250	0.00	38.60	40.48	0.94	0.00	3,557.000	343.25
26.300	0.00	36.72	38.60	0.94	0.00	3,388.000	343.24
26.350	0.00	34.84	36.72	0.94	0.00	3,219.000	343.22
26.400	0.00	32.96	34.84	0.94	0.00	3,050.000	343.21
26.450	0.00	31.08	32.96	0.94	0.00	2,882.000	343.20
26.500	0.00	29.20	31.08	0.94	0.00	2,712.000	343.19
26.550	0.00	27.32	29.20	0.94	0.00	2,542.000	343.18
26.600	0.00	25.44	27.32	0.94	0.00	2,372.000	343.17
26.650	0.00	23.56	25.44	0.94	0.00	2,203.000	343.15
26.700	0.00	21.68	23.56	0.94	0.00	2,034.000	343.14
26.750	0.00	19.80	21.68	0.94	0.00	1,865.000	343.13
26.800	0.00	17.92	19.80	0.94	0.00	1,696.000	343.12
26.850	0.00	16.04	17.92	0.94	0.00	1,528.000	343.11
26.900	0.00	14.24	16.04	0.90	0.00	1,362.000	343.10
26.950	0.00	12.65	14.24	0.80	0.00	1,209.000	343.08
27.000	0.00	11.23	12.65	0.71	0.00	1,073.000	343.08
27.050	0.00	9.98	11.23	0.63	0.00	953.000	343.07
27.100	0.00	8.86	9.98	0.56	0.00	846.000	343.06
27.150	0.00	7.87	8.86	0.50	0.00	751.000	343.05
27.200	0.00	6.99	7.87	0.44	0.00	666.000	343.05
27.250	0.00	6.20	6.99	0.39	0.00	592.000	343.04

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
27.300	0.00	5.51	6.20	0.35	0.00	525.000	343.04
27.350	0.00	4.89	5.51	0.31	0.00	466.000	343.03
27.400	0.00	4.34	4.89	0.27	0.00	414.000	343.03
27.450	0.00	3.86	4.34	0.24	0.00	368.000	343.03
27.500	0.00	3.43	3.86	0.22	0.00	326.000	343.02
27.550	0.00	3.04	3.43	0.19	0.00	290.000	343.02
27.600	0.00	2.70	3.04	0.17	0.00	257.000	343.02
27.650	0.00	2.40	2.70	0.15	0.00	229.000	343.02
27.700	0.00	2.13	2.40	0.13	0.00	203.000	343.01
27.750	0.00	1.89	2.13	0.12	0.00	180.000	343.01
27.800	0.00	1.68	1.89	0.11	0.00	160.000	343.01
27.850	0.00	1.49	1.68	0.09	0.00	142.000	343.01
27.900	0.00	1.33	1.49	0.08	0.00	126.000	343.01
27.950	0.00	1.18	1.33	0.07	0.00	112.000	343.01
28.000	0.00	1.05	1.18	0.07	0.00	99.000	343.01
28.050	0.00	0.93	1.05	0.06	0.00	88.000	343.01
28.100	0.00	0.82	0.93	0.05	0.00	78.000	343.01
28.150	0.00	0.73	0.82	0.05	0.00	70.000	343.00
28.200	0.00	0.65	0.73	0.04	0.00	62.000	343.00
28.250	0.00	0.58	0.65	0.04	0.00	55.000	343.00
28.300	0.00	0.51	0.58	0.03	0.00	49.000	343.00
28.350	0.00	0.46	0.51	0.03	0.00	43.000	343.00
28.400	0.00	0.40	0.46	0.03	0.00	38.000	343.00
28.450	0.00	0.36	0.40	0.02	0.00	34.000	343.00
28.500	0.00	0.32	0.36	0.02	0.00	30.000	343.00
28.550	0.00	0.28	0.32	0.02	0.00	27.000	343.00
28.600	0.00	0.25	0.28	0.02	0.00	24.000	343.00
28.650	0.00	0.22	0.25	0.01	0.00	21.000	343.00
28.700	0.00	0.20	0.22	0.01	0.00	19.000	343.00
28.750	0.00	0.18	0.20	0.01	0.00	17.000	343.00
28.800	0.00	0.16	0.18	0.01	0.00	15.000	343.00
28.850	0.00	0.14	0.16	0.01	0.00	13.000	343.00
28.900	0.00	0.12	0.14	0.01	0.00	12.000	343.00
28.950	0.00	0.11	0.12	0.01	0.00	10.000	343.00
29.000	0.00	0.10	0.11	0.01	0.00	9.000	343.00
29.050	0.00	0.09	0.10	0.01	0.00	8.000	343.00
29.100	0.00	0.08	0.09	0.00	0.00	7.000	343.00
29.150	0.00	0.07	0.08	0.00	0.00	6.000	343.00
29.200	0.00	0.06	0.07	0.00	0.00	6.000	343.00
29.250	0.00	0.05	0.06	0.00	0.00	5.000	343.00
29.300	0.00	0.05	0.05	0.00	0.00	5.000	343.00
29.350	0.00	0.04	0.05	0.00	0.00	4.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
29.400	0.00	0.04	0.04	0.00	0.00	4.000	343.00
29.450	0.00	0.03	0.04	0.00	0.00	3.000	343.00
29.500	0.00	0.03	0.03	0.00	0.00	3.000	343.00
29.550	0.00	0.03	0.03	0.00	0.00	3.000	343.00
29.600	0.00	0.02	0.03	0.00	0.00	2.000	343.00
29.650	0.00	0.02	0.02	0.00	0.00	2.000	343.00
29.700	0.00	0.02	0.02	0.00	0.00	2.000	343.00
29.750	0.00	0.02	0.02	0.00	0.00	2.000	343.00
29.800	0.00	0.01	0.02	0.00	0.00	0.000	343.00
29.850	0.00	0.01	0.01	0.00	0.00	0.000	343.00
29.900	0.00	0.01	0.01	0.00	0.00	0.000	343.00
29.950	0.00	0.01	0.01	0.00	0.00	0.000	343.00
30.000	0.00	0.01	0.01	0.00	0.00	0.000	343.00
30.050	0.00	0.01	0.01	0.00	0.00	0.000	343.00
30.100	0.00	0.01	0.01	0.00	0.00	0.000	343.00
30.150	0.00	0.01	0.01	0.00	0.00	0.000	343.00
30.200	0.00	0.01	0.01	0.00	0.00	0.000	343.00
30.250	0.00	0.00	0.01	0.00	0.00	0.000	343.00
30.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
30.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
31.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
31.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
32.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: BASIN 1B (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
33.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
33.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.050	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.100	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.150	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.200	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.250	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.300	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.350	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.400	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.450	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.500	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.550	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.600	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.650	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.700	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.750	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.800	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.850	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.900	0.00	0.00	0.00	0.00	0.00	0.000	343.00
34.950	0.00	0.00	0.00	0.00	0.00	0.000	343.00
35.000	0.00	0.00	0.00	0.00	0.00	0.000	343.00

Subsection: Pond Inflow Summary Return Event: 1 years
Label: BASIN 1B (IN) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Summary for Hydrograph Addition at 'BASIN 1B'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	PDA-1B

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)

Proposed Hydrologic Calculations

Subsection: Pond Inflow Summary — Return Event: 1 years
Label: BASIN 1B (IN) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	PDA-1B	22,973.062	12.100	6.54
Flow (In)	BASIN 1B	22,973.062	12.100	6.54

Subsection: Pond Inflow Summary — Return Event: 10 years
Label: BASIN 1B (IN) — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Summary for Hydrograph Addition at 'BASIN 1B'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	PDA-1B

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	PDA-1B	63,699.896	12.100	18.10
Flow (In)	BASIN 1B	63,699.896	12.100	18.10

Subsection: Pond Inflow Summary — Return Event: 100 years
Label: BASIN 1B (IN) — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Summary for Hydrograph Addition at 'BASIN 1B'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	PDA-1B

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	PDA-1B	144,777.780	12.100	39.62
Flow (In)	BASIN 1B	144,777.780	12.100	39.62

Subsection: Elevation-Volume-Flow Table (Pond) — Return Event: 1 years
Label: Pond 1D — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions

Proposed Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond)
Label: Pond 1D
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Return Event: 1 years
Storm Event: TypeIII 24hr (2.8 in)

Elevation (Water Surface, Initial)	314.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
314.00	0.00	0.000	0.027	0.00	0.00	0.00
314.10	0.00	123.025	0.030	0.00	0.00	1.37
314.20	0.00	258.926	0.033	0.00	0.00	2.88
314.30	0.00	408.346	0.036	0.00	0.00	4.54
314.40	0.00	571.923	0.039	0.00	0.00	6.35
314.50	0.00	750.301	0.043	0.00	0.00	8.34
314.60	0.00	944.119	0.046	0.00	0.00	10.49
314.70	0.00	1,154.018	0.050	0.00	0.00	12.82
314.80	0.00	1,380.639	0.054	0.00	0.00	15.34
314.90	0.00	1,624.624	0.058	0.00	0.00	18.05
315.00	0.00	1,886.613	0.062	0.00	0.00	20.96
315.10	0.00	2,167.247	0.067	0.00	0.00	24.08
315.20	0.00	2,467.166	0.071	0.00	0.00	27.41
315.30	0.00	2,787.013	0.076	0.00	0.00	30.97
315.40	0.00	3,127.427	0.081	0.00	0.00	34.75
315.50	0.00	3,489.050	0.086	0.00	0.00	38.77
315.60	0.00	3,872.522	0.091	0.00	0.00	43.03
315.70	0.00	4,278.485	0.096	0.00	0.00	47.54
315.80	0.00	4,707.579	0.101	0.00	0.00	52.31
315.90	0.00	5,160.446	0.107	0.00	0.00	57.34
316.00	0.00	5,637.726	0.112	0.00	0.00	62.64
316.10	0.03	6,136.255	0.116	0.00	0.03	68.21
316.20	0.12	6,652.653	0.121	0.00	0.12	74.04
316.30	0.26	7,187.234	0.125	0.00	0.26	80.12
316.40	0.46	7,740.312	0.129	0.00	0.46	86.46
316.50	0.69	8,312.203	0.133	0.00	0.69	93.05
316.60	0.98	8,903.221	0.138	0.00	0.98	99.90
316.70	1.30	9,513.680	0.142	0.00	1.30	107.01
316.80	1.66	10,143.895	0.147	0.00	1.66	114.37
316.90	2.05	10,794.182	0.152	0.00	2.05	121.99
317.00	2.47	11,464.853	0.156	0.00	2.47	129.85
317.10	2.90	12,156.225	0.161	0.00	2.90	137.97
317.20	3.36	12,868.611	0.166	0.00	3.36	146.34
317.30	3.82	13,602.326	0.171	0.00	3.82	154.96

Proposed Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 1 years
Label: Pond 1D Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
317.40	4.30	14,357.685	0.176	0.00	4.30	163.83
317.50	4.77	15,135.003	0.181	0.00	4.77	172.94
317.60	5.25	15,934.594	0.186	0.00	5.25	182.30
317.70	5.71	16,756.773	0.191	0.00	5.71	191.90
317.80	6.17	17,601.853	0.197	0.00	6.17	201.75
317.90	6.62	18,470.151	0.202	0.00	6.62	211.84
318.00	6.95	19,361.981	0.207	0.00	6.95	222.08

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 10 years
Label: Pond 1D Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	314.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
314.00	0.00	0.000	0.027	0.00	0.00	0.00
314.10	0.00	123.025	0.030	0.00	0.00	1.37
314.20	0.00	258.926	0.033	0.00	0.00	2.88
314.30	0.00	408.346	0.036	0.00	0.00	4.54
314.40	0.00	571.923	0.039	0.00	0.00	6.35
314.50	0.00	750.301	0.043	0.00	0.00	8.34
314.60	0.00	944.119	0.046	0.00	0.00	10.49
314.70	0.00	1,154.018	0.050	0.00	0.00	12.82
314.80	0.00	1,380.639	0.054	0.00	0.00	15.34
314.90	0.00	1,624.624	0.058	0.00	0.00	18.05
315.00	0.00	1,886.613	0.062	0.00	0.00	20.96
315.10	0.00	2,167.247	0.067	0.00	0.00	24.08
315.20	0.00	2,467.166	0.071	0.00	0.00	27.41

Proposed Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 10 years
Label: Pond 1D Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
315.30	0.00	2,787.013	0.076	0.00	0.00	30.97
315.40	0.00	3,127.427	0.081	0.00	0.00	34.75
315.50	0.00	3,489.050	0.086	0.00	0.00	38.77
315.60	0.00	3,872.522	0.091	0.00	0.00	43.03
315.70	0.00	4,278.485	0.096	0.00	0.00	47.54
315.80	0.00	4,707.579	0.101	0.00	0.00	52.31
315.90	0.00	5,160.446	0.107	0.00	0.00	57.34
316.00	0.00	5,637.726	0.112	0.00	0.00	62.64
316.10	0.03	6,136.255	0.116	0.00	0.03	68.21
316.20	0.12	6,652.653	0.121	0.00	0.12	74.04
316.30	0.26	7,187.234	0.125	0.00	0.26	80.12
316.40	0.46	7,740.312	0.129	0.00	0.46	86.46
316.50	0.69	8,312.203	0.133	0.00	0.69	93.05
316.60	0.98	8,903.221	0.138	0.00	0.98	99.90
316.70	1.30	9,513.680	0.142	0.00	1.30	107.01
316.80	1.66	10,143.895	0.147	0.00	1.66	114.37
316.90	2.05	10,794.182	0.152	0.00	2.05	121.99
317.00	2.47	11,464.853	0.156	0.00	2.47	129.85
317.10	2.90	12,156.225	0.161	0.00	2.90	137.97
317.20	3.36	12,868.611	0.166	0.00	3.36	146.34
317.30	3.82	13,602.326	0.171	0.00	3.82	154.96
317.40	4.30	14,357.685	0.176	0.00	4.30	163.83
317.50	4.77	15,135.003	0.181	0.00	4.77	172.94
317.60	5.25	15,934.594	0.186	0.00	5.25	182.30
317.70	5.71	16,756.773	0.191	0.00	5.71	191.90
317.80	6.17	17,601.853	0.197	0.00	6.17	201.75
317.90	6.62	18,470.151	0.202	0.00	6.62	211.84
318.00	6.95	19,361.981	0.207	0.00	6.95	222.08

Subsection: Elevation-Volume-Flow Table (Pond) Return Event: 100 years
Label: Pond 1D Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	314.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s

Proposed Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond)
Label: Pond 1D
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Return Event: 100 years
Storm Event: TypeIII 24hr (9.3 in)

Initial Conditions	
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
314.00	0.00	0.000	0.027	0.00	0.00	0.00
314.10	0.00	123.025	0.030	0.00	0.00	1.37
314.20	0.00	258.926	0.033	0.00	0.00	2.88
314.30	0.00	408.346	0.036	0.00	0.00	4.54
314.40	0.00	571.923	0.039	0.00	0.00	6.35
314.50	0.00	750.301	0.043	0.00	0.00	8.34
314.60	0.00	944.119	0.046	0.00	0.00	10.49
314.70	0.00	1,154.018	0.050	0.00	0.00	12.82
314.80	0.00	1,380.639	0.054	0.00	0.00	15.34
314.90	0.00	1,624.624	0.058	0.00	0.00	18.05
315.00	0.00	1,886.613	0.062	0.00	0.00	20.96
315.10	0.00	2,167.247	0.067	0.00	0.00	24.08
315.20	0.00	2,467.166	0.071	0.00	0.00	27.41
315.30	0.00	2,787.013	0.076	0.00	0.00	30.97
315.40	0.00	3,127.427	0.081	0.00	0.00	34.75
315.50	0.00	3,489.050	0.086	0.00	0.00	38.77
315.60	0.00	3,872.522	0.091	0.00	0.00	43.03
315.70	0.00	4,278.485	0.096	0.00	0.00	47.54
315.80	0.00	4,707.579	0.101	0.00	0.00	52.31
315.90	0.00	5,160.446	0.107	0.00	0.00	57.34
316.00	0.00	5,637.726	0.112	0.00	0.00	62.64
316.10	0.03	6,136.255	0.116	0.00	0.03	68.21
316.20	0.12	6,652.653	0.121	0.00	0.12	74.04
316.30	0.26	7,187.234	0.125	0.00	0.26	80.12
316.40	0.46	7,740.312	0.129	0.00	0.46	86.46
316.50	0.69	8,312.203	0.133	0.00	0.69	93.05
316.60	0.98	8,903.221	0.138	0.00	0.98	99.90
316.70	1.30	9,513.680	0.142	0.00	1.30	107.01
316.80	1.66	10,143.895	0.147	0.00	1.66	114.37
316.90	2.05	10,794.182	0.152	0.00	2.05	121.99
317.00	2.47	11,464.853	0.156	0.00	2.47	129.85
317.10	2.90	12,156.225	0.161	0.00	2.90	137.97
317.20	3.36	12,868.611	0.166	0.00	3.36	146.34
317.30	3.82	13,602.326	0.171	0.00	3.82	154.96
317.40	4.30	14,357.685	0.176	0.00	4.30	163.83
317.50	4.77	15,135.003	0.181	0.00	4.77	172.94
317.60	5.25	15,934.594	0.186	0.00	5.25	182.30

Proposed Hydrologic Calculations

Subsection: Elevation-Volume-Flow Table (Pond) — Return Event: 100 years
Label: Pond 1D — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Elevation (ft)	Outflow (ft³/s)	Storage (ft³)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
317.70	5.71	16,756.773	0.191	0.00	5.71	191.90
317.80	6.17	17,601.853	0.197	0.00	6.17	201.75
317.90	6.62	18,470.151	0.202	0.00	6.62	211.84
318.00	6.95	19,361.981	0.207	0.00	6.95	222.08

Subsection: Detention Time — Return Event: 1 years
Label: Pond 1D (IN) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Approximate Detention Times	
Time to Centroid (Outflow)	0.000 hours
Time to Centroid (Inflow)	14.145 hours
Detention Time (Centroid to Centroid)	-14.145 hours

Subsection: Level Pool Pond Routing Summary — Return Event: 1 years
Label: Pond 1D (IN) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	314.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	1.57 ft³/s	Time to Peak (Flow, In)	12.100 hours
Flow (Peak Outlet)	0.00 ft³/s	Time to Peak (Flow, Outlet)	0.000 hours

Proposed Hydrologic Calculations

Subsection: Level Pool Pond Routing Summary — Return Event: 1 years
Label: Pond 1D (IN) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Elevation (Water Surface, Peak)	315.98 ft
Volume (Peak)	5,523.946 ft³

Mass Balance (ft³)	
Volume (Initial)	0.000 ft³
Volume (Total Inflow)	5,526.000 ft³
Volume (Total Infiltration)	0.000 ft³
Volume (Total Outlet Outflow)	0.000 ft³
Volume (Retained)	5,524.000 ft³
Volume (Unrouted)	-2.000 ft³
Error (Mass Balance)	0.0 %

Subsection: Detention Time — Return Event: 10 years
Label: Pond 1D (IN) — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Approximate Detention Times	
Time to Centroid (Outflow)	16.604 hours
Time to Centroid (Inflow)	13.650 hours
Detention Time (Centroid to Centroid)	2.954 hours

Subsection: Level Pool Pond Routing Summary — Return Event: 10 years
Label: Pond 1D (IN) — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	314.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s

Proposed Hydrologic Calculations

Subsection: Level Pool Pond Routing Summary — Return Event: 10 years
Label: Pond 1D (IN) — Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Initial Conditions	
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	4.35 ft³/s	Time to Peak (Flow, In)	12.100 hours
Flow (Peak Outlet)	0.64 ft³/s	Time to Peak (Flow, Outlet)	12.700 hours

Elevation (Water Surface, Peak)	316.48 ft
Volume (Peak)	8,178.791 ft³

Mass Balance (ft³)	
Volume (Initial)	0.000 ft³
Volume (Total Inflow)	15,323.000 ft³
Volume (Total Infiltration)	0.000 ft³
Volume (Total Outlet Outflow)	9,623.000 ft³
Volume (Retained)	5,699.000 ft³
Volume (Unrouted)	-2.000 ft³
Error (Mass Balance)	0.0 %

Subsection: Detention Time — Return Event: 100 years
Label: Pond 1D (IN) — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Approximate Detention Times	
Time to Centroid (Outflow)	14.888 hours
Time to Centroid (Inflow)	13.263 hours
Detention Time (Centroid to Centroid)	1.625 hours

Subsection: Level Pool Pond Routing Summary — Return Event: 100 years
Label: Pond 1D (IN) — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions

Proposed Hydrologic Calculations

Subsection: Level Pool Pond Routing Summary — Return Event: 100 years
Label: Pond 1D (IN) — Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Elevation (Water Surface, Initial)	314.00 ft
Volume (Initial)	0.000 ft³
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	0.050 hours

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	9.53 ft³/s	Time to Peak (Flow, In)	12.100 hours
Flow (Peak Outlet)	4.31 ft³/s	Time to Peak (Flow, Outlet)	12.300 hours

Elevation (Water Surface, Peak)	317.40 ft
Volume (Peak)	14,378.349 ft³

Mass Balance (ft³)	
Volume (Initial)	0.000 ft³
Volume (Total Inflow)	34,826.000 ft³
Volume (Total Infiltration)	0.000 ft³
Volume (Total Outlet Outflow)	29,112.000 ft³
Volume (Retained)	5,713.000 ft³
Volume (Unrouted)	-2.000 ft³
Error (Mass Balance)	0.0 %

Subsection: Pond Routing Calculations (Total Out) — Return Event: 1 years
Label: Pond 1D (OUT) — Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
2.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
4.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
6.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
8.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
8.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
9.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
10.000	0.00	0.01	0.01	0.00	0.00	1.000	314.00
10.050	0.00	0.01	0.01	0.00	0.00	1.000	314.00
10.100	0.00	0.02	0.02	0.00	0.00	2.000	314.00
10.150	0.01	0.03	0.03	0.00	0.00	3.000	314.00
10.200	0.01	0.04	0.04	0.00	0.00	4.000	314.00
10.250	0.01	0.06	0.06	0.00	0.00	5.000	314.00
10.300	0.01	0.08	0.08	0.00	0.00	7.000	314.01
10.350	0.01	0.10	0.10	0.00	0.00	9.000	314.01
10.400	0.01	0.12	0.12	0.00	0.00	11.000	314.01
10.450	0.01	0.15	0.15	0.00	0.00	13.000	314.01
10.500	0.02	0.18	0.18	0.00	0.00	16.000	314.01
10.550	0.02	0.22	0.22	0.00	0.00	19.000	314.02
10.600	0.02	0.25	0.25	0.00	0.00	22.000	314.02
10.650	0.02	0.29	0.29	0.00	0.00	25.000	314.02
10.700	0.02	0.34	0.34	0.00	0.00	29.000	314.02
10.750	0.03	0.39	0.39	0.00	0.00	34.000	314.03
10.800	0.03	0.44	0.44	0.00	0.00	38.000	314.03
10.850	0.03	0.50	0.50	0.00	0.00	43.000	314.04
10.900	0.03	0.56	0.56	0.00	0.00	49.000	314.04
10.950	0.03	0.63	0.63	0.00	0.00	55.000	314.05

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
11.000	0.04	0.70	0.70	0.00	0.00	61.000	314.05
11.050	0.04	0.77	0.77	0.00	0.00	68.000	314.06
11.100	0.04	0.86	0.86	0.00	0.00	76.000	314.06
11.150	0.05	0.95	0.95	0.00	0.00	84.000	314.07
11.200	0.05	1.05	1.05	0.00	0.00	93.000	314.08
11.250	0.06	1.16	1.16	0.00	0.00	104.000	314.08
11.300	0.06	1.28	1.28	0.00	0.00	115.000	314.09
11.350	0.07	1.42	1.42	0.00	0.00	128.000	314.10
11.400	0.08	1.57	1.57	0.00	0.00	140.000	314.11
11.450	0.08	1.73	1.73	0.00	0.00	154.000	314.12
11.500	0.09	1.91	1.91	0.00	0.00	170.000	314.14
11.550	0.11	2.11	2.11	0.00	0.00	188.000	314.15
11.600	0.14	2.36	2.36	0.00	0.00	211.000	314.17
11.650	0.18	2.69	2.69	0.00	0.00	241.000	314.19
11.700	0.24	3.11	3.11	0.00	0.00	279.000	314.21
11.750	0.30	3.65	3.65	0.00	0.00	327.000	314.25
11.800	0.38	4.34	4.34	0.00	0.00	389.000	314.29
11.850	0.46	5.17	5.17	0.00	0.00	464.000	314.34
11.900	0.56	6.19	6.19	0.00	0.00	556.000	314.39
11.950	0.85	7.59	7.59	0.00	0.00	682.000	314.46
12.000	1.24	9.68	9.68	0.00	0.00	870.000	314.56
12.050	1.44	12.37	12.37	0.00	0.00	1,112.000	314.68
12.100	1.57	15.38	15.38	0.00	0.00	1,384.000	314.80
12.150	1.36	18.32	18.32	0.00	0.00	1,648.000	314.91
12.200	1.02	20.70	20.70	0.00	0.00	1,862.000	314.99
12.250	0.87	22.59	22.59	0.00	0.00	2,031.000	315.05
12.300	0.78	24.25	24.25	0.00	0.00	2,182.000	315.11
12.350	0.69	25.72	25.72	0.00	0.00	2,312.000	315.15
12.400	0.60	27.01	27.01	0.00	0.00	2,430.000	315.19
12.450	0.51	28.13	28.13	0.00	0.00	2,530.000	315.22
12.500	0.41	29.05	29.05	0.00	0.00	2,612.000	315.25
12.550	0.35	29.81	29.81	0.00	0.00	2,680.000	315.27
12.600	0.29	30.44	30.44	0.00	0.00	2,738.000	315.29
12.650	0.27	31.00	31.00	0.00	0.00	2,790.000	315.30
12.700	0.26	31.52	31.52	0.00	0.00	2,836.000	315.31
12.750	0.24	32.02	32.02	0.00	0.00	2,880.000	315.33
12.800	0.23	32.50	32.50	0.00	0.00	2,922.000	315.34
12.850	0.22	32.96	32.96	0.00	0.00	2,964.000	315.35
12.900	0.21	33.40	33.40	0.00	0.00	3,003.000	315.36
12.950	0.20	33.82	33.82	0.00	0.00	3,041.000	315.38
13.000	0.19	34.21	34.21	0.00	0.00	3,078.000	315.39
13.050	0.19	34.59	34.59	0.00	0.00	3,113.000	315.40

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
13.100	0.18	34.96	34.96	0.00	0.00	3,146.000	315.41
13.150	0.18	35.31	35.31	0.00	0.00	3,177.000	315.41
13.200	0.17	35.66	35.66	0.00	0.00	3,207.000	315.42
13.250	0.17	36.00	36.00	0.00	0.00	3,238.000	315.43
13.300	0.17	36.34	36.34	0.00	0.00	3,268.000	315.44
13.350	0.17	36.67	36.67	0.00	0.00	3,298.000	315.45
13.400	0.16	37.00	37.00	0.00	0.00	3,327.000	315.46
13.450	0.16	37.32	37.32	0.00	0.00	3,356.000	315.46
13.500	0.16	37.64	37.64	0.00	0.00	3,385.000	315.47
13.550	0.15	37.95	37.95	0.00	0.00	3,414.000	315.48
13.600	0.15	38.26	38.26	0.00	0.00	3,442.000	315.49
13.650	0.15	38.56	38.56	0.00	0.00	3,470.000	315.49
13.700	0.15	38.85	38.85	0.00	0.00	3,497.000	315.50
13.750	0.14	39.14	39.14	0.00	0.00	3,522.000	315.51
13.800	0.14	39.43	39.43	0.00	0.00	3,547.000	315.52
13.850	0.14	39.71	39.71	0.00	0.00	3,572.000	315.52
13.900	0.14	39.98	39.98	0.00	0.00	3,596.000	315.53
13.950	0.13	40.25	40.25	0.00	0.00	3,620.000	315.53
14.000	0.13	40.51	40.51	0.00	0.00	3,643.000	315.54
14.050	0.13	40.77	40.77	0.00	0.00	3,666.000	315.55
14.100	0.13	41.02	41.02	0.00	0.00	3,689.000	315.55
14.150	0.12	41.27	41.27	0.00	0.00	3,711.000	315.56
14.200	0.12	41.52	41.52	0.00	0.00	3,734.000	315.56
14.250	0.12	41.76	41.76	0.00	0.00	3,756.000	315.57
14.300	0.12	42.00	42.00	0.00	0.00	3,778.000	315.58
14.350	0.12	42.24	42.24	0.00	0.00	3,800.000	315.58
14.400	0.12	42.47	42.47	0.00	0.00	3,821.000	315.59
14.450	0.12	42.71	42.71	0.00	0.00	3,843.000	315.59
14.500	0.11	42.94	42.94	0.00	0.00	3,864.000	315.60
14.550	0.11	43.17	43.17	0.00	0.00	3,885.000	315.60
14.600	0.11	43.39	43.39	0.00	0.00	3,904.000	315.61
14.650	0.11	43.61	43.61	0.00	0.00	3,924.000	315.61
14.700	0.11	43.83	43.83	0.00	0.00	3,943.000	315.62
14.750	0.11	44.05	44.05	0.00	0.00	3,963.000	315.62
14.800	0.11	44.26	44.26	0.00	0.00	3,982.000	315.63
14.850	0.11	44.48	44.48	0.00	0.00	4,000.000	315.63
14.900	0.10	44.69	44.69	0.00	0.00	4,019.000	315.64
14.950	0.10	44.89	44.89	0.00	0.00	4,037.000	315.64
15.000	0.10	45.09	45.09	0.00	0.00	4,056.000	315.65
15.050	0.10	45.30	45.30	0.00	0.00	4,074.000	315.65
15.100	0.10	45.49	45.49	0.00	0.00	4,092.000	315.65
15.150	0.10	45.69	45.69	0.00	0.00	4,109.000	315.66

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
15.200	0.10	45.88	45.88	0.00	0.00	4,127.000	315.66
15.250	0.09	46.07	46.07	0.00	0.00	4,144.000	315.67
15.300	0.09	46.26	46.26	0.00	0.00	4,161.000	315.67
15.350	0.09	46.44	46.44	0.00	0.00	4,177.000	315.68
15.400	0.09	46.62	46.62	0.00	0.00	4,194.000	315.68
15.450	0.09	46.80	46.80	0.00	0.00	4,210.000	315.68
15.500	0.09	46.97	46.97	0.00	0.00	4,226.000	315.69
15.550	0.09	47.14	47.14	0.00	0.00	4,242.000	315.69
15.600	0.08	47.31	47.31	0.00	0.00	4,258.000	315.70
15.650	0.08	47.48	47.48	0.00	0.00	4,273.000	315.70
15.700	0.08	47.64	47.64	0.00	0.00	4,288.000	315.70
15.750	0.08	47.80	47.80	0.00	0.00	4,302.000	315.71
15.800	0.08	47.96	47.96	0.00	0.00	4,315.000	315.71
15.850	0.08	48.11	48.11	0.00	0.00	4,329.000	315.71
15.900	0.07	48.27	48.27	0.00	0.00	4,342.000	315.72
15.950	0.07	48.41	48.41	0.00	0.00	4,356.000	315.72
16.000	0.07	48.56	48.56	0.00	0.00	4,368.000	315.72
16.050	0.07	48.70	48.70	0.00	0.00	4,381.000	315.72
16.100	0.07	48.84	48.84	0.00	0.00	4,394.000	315.73
16.150	0.07	48.98	48.98	0.00	0.00	4,406.000	315.73
16.200	0.07	49.12	49.12	0.00	0.00	4,418.000	315.73
16.250	0.07	49.26	49.26	0.00	0.00	4,430.000	315.74
16.300	0.07	49.39	49.39	0.00	0.00	4,442.000	315.74
16.350	0.07	49.52	49.52	0.00	0.00	4,454.000	315.74
16.400	0.07	49.66	49.66	0.00	0.00	4,466.000	315.74
16.450	0.07	49.79	49.79	0.00	0.00	4,478.000	315.75
16.500	0.06	49.92	49.92	0.00	0.00	4,490.000	315.75
16.550	0.06	50.05	50.05	0.00	0.00	4,501.000	315.75
16.600	0.06	50.17	50.17	0.00	0.00	4,513.000	315.76
16.650	0.06	50.30	50.30	0.00	0.00	4,524.000	315.76
16.700	0.06	50.42	50.42	0.00	0.00	4,535.000	315.76
16.750	0.06	50.55	50.55	0.00	0.00	4,546.000	315.76
16.800	0.06	50.67	50.67	0.00	0.00	4,558.000	315.77
16.850	0.06	50.79	50.79	0.00	0.00	4,569.000	315.77
16.900	0.06	50.91	50.91	0.00	0.00	4,579.000	315.77
16.950	0.06	51.03	51.03	0.00	0.00	4,590.000	315.77
17.000	0.06	51.14	51.14	0.00	0.00	4,601.000	315.78
17.050	0.06	51.26	51.26	0.00	0.00	4,611.000	315.78
17.100	0.06	51.37	51.37	0.00	0.00	4,622.000	315.78
17.150	0.06	51.49	51.49	0.00	0.00	4,632.000	315.78
17.200	0.06	51.60	51.60	0.00	0.00	4,642.000	315.79
17.250	0.05	51.71	51.71	0.00	0.00	4,653.000	315.79

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
17.300	0.05	51.82	51.82	0.00	0.00	4,663.000	315.79
17.350	0.05	51.93	51.93	0.00	0.00	4,673.000	315.79
17.400	0.05	52.03	52.03	0.00	0.00	4,682.000	315.79
17.450	0.05	52.14	52.14	0.00	0.00	4,692.000	315.80
17.500	0.05	52.24	52.24	0.00	0.00	4,702.000	315.80
17.550	0.05	52.35	52.35	0.00	0.00	4,711.000	315.80
17.600	0.05	52.45	52.45	0.00	0.00	4,720.000	315.80
17.650	0.05	52.55	52.55	0.00	0.00	4,729.000	315.80
17.700	0.05	52.64	52.64	0.00	0.00	4,737.000	315.81
17.750	0.05	52.74	52.74	0.00	0.00	4,746.000	315.81
17.800	0.05	52.84	52.84	0.00	0.00	4,754.000	315.81
17.850	0.05	52.93	52.93	0.00	0.00	4,763.000	315.81
17.900	0.05	53.03	53.03	0.00	0.00	4,771.000	315.81
17.950	0.05	53.12	53.12	0.00	0.00	4,779.000	315.82
18.000	0.04	53.21	53.21	0.00	0.00	4,787.000	315.82
18.050	0.04	53.30	53.30	0.00	0.00	4,795.000	315.82
18.100	0.04	53.39	53.39	0.00	0.00	4,803.000	315.82
18.150	0.04	53.47	53.47	0.00	0.00	4,810.000	315.82
18.200	0.04	53.56	53.56	0.00	0.00	4,818.000	315.82
18.250	0.04	53.65	53.65	0.00	0.00	4,826.000	315.83
18.300	0.04	53.73	53.73	0.00	0.00	4,834.000	315.83
18.350	0.04	53.82	53.82	0.00	0.00	4,841.000	315.83
18.400	0.04	53.91	53.91	0.00	0.00	4,849.000	315.83
18.450	0.04	53.99	53.99	0.00	0.00	4,857.000	315.83
18.500	0.04	54.08	54.08	0.00	0.00	4,864.000	315.84
18.550	0.04	54.16	54.16	0.00	0.00	4,872.000	315.84
18.600	0.04	54.25	54.25	0.00	0.00	4,879.000	315.84
18.650	0.04	54.33	54.33	0.00	0.00	4,887.000	315.84
18.700	0.04	54.41	54.41	0.00	0.00	4,894.000	315.84
18.750	0.04	54.50	54.50	0.00	0.00	4,902.000	315.84
18.800	0.04	54.58	54.58	0.00	0.00	4,909.000	315.85
18.850	0.04	54.66	54.66	0.00	0.00	4,917.000	315.85
18.900	0.04	54.74	54.74	0.00	0.00	4,924.000	315.85
18.950	0.04	54.83	54.83	0.00	0.00	4,931.000	315.85
19.000	0.04	54.91	54.91	0.00	0.00	4,939.000	315.85
19.050	0.04	54.99	54.99	0.00	0.00	4,946.000	315.85
19.100	0.04	55.07	55.07	0.00	0.00	4,953.000	315.85
19.150	0.04	55.15	55.15	0.00	0.00	4,960.000	315.86
19.200	0.04	55.23	55.23	0.00	0.00	4,968.000	315.86
19.250	0.04	55.31	55.31	0.00	0.00	4,975.000	315.86
19.300	0.04	55.39	55.39	0.00	0.00	4,982.000	315.86
19.350	0.04	55.46	55.46	0.00	0.00	4,989.000	315.86

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
19.400	0.04	55.54	55.54	0.00	0.00	4,996.000	315.86
19.450	0.04	55.62	55.62	0.00	0.00	5,003.000	315.87
19.500	0.04	55.70	55.70	0.00	0.00	5,010.000	315.87
19.550	0.04	55.77	55.77	0.00	0.00	5,017.000	315.87
19.600	0.04	55.85	55.85	0.00	0.00	5,024.000	315.87
19.650	0.04	55.93	55.93	0.00	0.00	5,031.000	315.87
19.700	0.04	56.00	56.00	0.00	0.00	5,038.000	315.87
19.750	0.04	56.08	56.08	0.00	0.00	5,045.000	315.87
19.800	0.04	56.15	56.15	0.00	0.00	5,052.000	315.88
19.850	0.04	56.23	56.23	0.00	0.00	5,058.000	315.88
19.900	0.04	56.30	56.30	0.00	0.00	5,065.000	315.88
19.950	0.04	56.38	56.38	0.00	0.00	5,072.000	315.88
20.000	0.04	56.45	56.45	0.00	0.00	5,079.000	315.88
20.050	0.04	56.52	56.52	0.00	0.00	5,085.000	315.88
20.100	0.04	56.59	56.59	0.00	0.00	5,092.000	315.89
20.150	0.04	56.67	56.67	0.00	0.00	5,099.000	315.89
20.200	0.04	56.74	56.74	0.00	0.00	5,105.000	315.89
20.250	0.04	56.81	56.81	0.00	0.00	5,112.000	315.89
20.300	0.04	56.88	56.88	0.00	0.00	5,118.000	315.89
20.350	0.04	56.95	56.95	0.00	0.00	5,125.000	315.89
20.400	0.04	57.02	57.02	0.00	0.00	5,131.000	315.89
20.450	0.04	57.10	57.10	0.00	0.00	5,138.000	315.90
20.500	0.04	57.17	57.17	0.00	0.00	5,144.000	315.90
20.550	0.03	57.24	57.24	0.00	0.00	5,151.000	315.90
20.600	0.03	57.31	57.31	0.00	0.00	5,157.000	315.90
20.650	0.03	57.37	57.37	0.00	0.00	5,164.000	315.90
20.700	0.03	57.44	57.44	0.00	0.00	5,170.000	315.90
20.750	0.03	57.51	57.51	0.00	0.00	5,176.000	315.90
20.800	0.03	57.58	57.58	0.00	0.00	5,182.000	315.90
20.850	0.03	57.65	57.65	0.00	0.00	5,188.000	315.91
20.900	0.03	57.72	57.72	0.00	0.00	5,194.000	315.91
20.950	0.03	57.78	57.78	0.00	0.00	5,200.000	315.91
21.000	0.03	57.85	57.85	0.00	0.00	5,206.000	315.91
21.050	0.03	57.92	57.92	0.00	0.00	5,211.000	315.91
21.100	0.03	57.99	57.99	0.00	0.00	5,217.000	315.91
21.150	0.03	58.05	58.05	0.00	0.00	5,223.000	315.91
21.200	0.03	58.12	58.12	0.00	0.00	5,229.000	315.91
21.250	0.03	58.18	58.18	0.00	0.00	5,235.000	315.92
21.300	0.03	58.25	58.25	0.00	0.00	5,241.000	315.92
21.350	0.03	58.31	58.31	0.00	0.00	5,246.000	315.92
21.400	0.03	58.38	58.38	0.00	0.00	5,252.000	315.92
21.450	0.03	58.44	58.44	0.00	0.00	5,258.000	315.92

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
21.500	0.03	58.51	58.51	0.00	0.00	5,264.000	315.92
21.550	0.03	58.57	58.57	0.00	0.00	5,269.000	315.92
21.600	0.03	58.64	58.64	0.00	0.00	5,275.000	315.92
21.650	0.03	58.70	58.70	0.00	0.00	5,281.000	315.93
21.700	0.03	58.76	58.76	0.00	0.00	5,286.000	315.93
21.750	0.03	58.83	58.83	0.00	0.00	5,292.000	315.93
21.800	0.03	58.89	58.89	0.00	0.00	5,297.000	315.93
21.850	0.03	58.95	58.95	0.00	0.00	5,303.000	315.93
21.900	0.03	59.01	59.01	0.00	0.00	5,308.000	315.93
21.950	0.03	59.07	59.07	0.00	0.00	5,314.000	315.93
22.000	0.03	59.14	59.14	0.00	0.00	5,319.000	315.93
22.050	0.03	59.20	59.20	0.00	0.00	5,325.000	315.94
22.100	0.03	59.26	59.26	0.00	0.00	5,330.000	315.94
22.150	0.03	59.32	59.32	0.00	0.00	5,336.000	315.94
22.200	0.03	59.38	59.38	0.00	0.00	5,341.000	315.94
22.250	0.03	59.44	59.44	0.00	0.00	5,346.000	315.94
22.300	0.03	59.50	59.50	0.00	0.00	5,352.000	315.94
22.350	0.03	59.56	59.56	0.00	0.00	5,357.000	315.94
22.400	0.03	59.61	59.61	0.00	0.00	5,362.000	315.94
22.450	0.03	59.67	59.67	0.00	0.00	5,368.000	315.94
22.500	0.03	59.73	59.73	0.00	0.00	5,373.000	315.95
22.550	0.03	59.79	59.79	0.00	0.00	5,378.000	315.95
22.600	0.03	59.85	59.85	0.00	0.00	5,383.000	315.95
22.650	0.03	59.90	59.90	0.00	0.00	5,388.000	315.95
22.700	0.03	59.96	59.96	0.00	0.00	5,393.000	315.95
22.750	0.03	60.02	60.02	0.00	0.00	5,399.000	315.95
22.800	0.03	60.08	60.08	0.00	0.00	5,404.000	315.95
22.850	0.03	60.13	60.13	0.00	0.00	5,409.000	315.95
22.900	0.03	60.19	60.19	0.00	0.00	5,414.000	315.95
22.950	0.03	60.24	60.24	0.00	0.00	5,419.000	315.95
23.000	0.03	60.30	60.30	0.00	0.00	5,424.000	315.96
23.050	0.03	60.35	60.35	0.00	0.00	5,429.000	315.96
23.100	0.03	60.41	60.41	0.00	0.00	5,434.000	315.96
23.150	0.03	60.46	60.46	0.00	0.00	5,439.000	315.96
23.200	0.03	60.52	60.52	0.00	0.00	5,443.000	315.96
23.250	0.03	60.57	60.57	0.00	0.00	5,448.000	315.96
23.300	0.03	60.62	60.62	0.00	0.00	5,453.000	315.96
23.350	0.03	60.68	60.68	0.00	0.00	5,458.000	315.96
23.400	0.03	60.73	60.73	0.00	0.00	5,463.000	315.96
23.450	0.03	60.78	60.78	0.00	0.00	5,467.000	315.96
23.500	0.03	60.83	60.83	0.00	0.00	5,472.000	315.97
23.550	0.03	60.89	60.89	0.00	0.00	5,477.000	315.97

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
23.600	0.03	60.94	60.94	0.00	0.00	5,482.000	315.97
23.650	0.03	60.99	60.99	0.00	0.00	5,486.000	315.97
23.700	0.03	61.04	61.04	0.00	0.00	5,491.000	315.97
23.750	0.03	61.09	61.09	0.00	0.00	5,495.000	315.97
23.800	0.03	61.14	61.14	0.00	0.00	5,500.000	315.97
23.850	0.02	61.19	61.19	0.00	0.00	5,505.000	315.97
23.900	0.02	61.24	61.24	0.00	0.00	5,509.000	315.97
23.950	0.02	61.29	61.29	0.00	0.00	5,514.000	315.97
24.000	0.02	61.34	61.34	0.00	0.00	5,518.000	315.98
24.050	0.02	61.38	61.38	0.00	0.00	5,522.000	315.98
24.100	0.00	61.40	61.40	0.00	0.00	5,523.000	315.98
24.150	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
24.200	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
24.250	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
24.300	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
24.350	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
24.400	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
24.450	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
24.500	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
24.550	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
24.600	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
24.650	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
24.700	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
24.750	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
24.800	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
24.850	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
24.900	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
24.950	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.000	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.050	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.100	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.150	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.200	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.250	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.300	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.350	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.400	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.450	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.500	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.550	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.600	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.650	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
25.700	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.750	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.800	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.850	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.900	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
25.950	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.000	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.050	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.100	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.150	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.200	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.250	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.300	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.350	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.400	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.450	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.500	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.550	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.600	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.650	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.700	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.750	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.800	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.850	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.900	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
26.950	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.000	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.050	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.100	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.150	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.200	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.250	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.300	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.350	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.400	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.450	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.500	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.550	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.600	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.650	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.700	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.750	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
27.800	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.850	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.900	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
27.950	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.000	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.050	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.100	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.150	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.200	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.250	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.300	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.350	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.400	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.450	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.500	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.550	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.600	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.650	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.700	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.750	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.800	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.850	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.900	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
28.950	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.000	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.050	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.100	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.150	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.200	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.250	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.300	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.350	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.400	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.450	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.500	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.550	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.600	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.650	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.700	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.750	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.800	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.850	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
29.900	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
29.950	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.000	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.050	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.100	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.150	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.200	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.250	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.300	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.350	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.400	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.450	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.500	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.550	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.600	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.650	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.700	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.750	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.800	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.850	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.900	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
30.950	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.000	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.050	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.100	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.150	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.200	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.250	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.300	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.350	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.400	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.450	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.500	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.550	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.600	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.650	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.700	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.750	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.800	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.850	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.900	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
31.950	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
32.000	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.050	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.100	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.150	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.200	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.250	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.300	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.350	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.400	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.450	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.500	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.550	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.600	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.650	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.700	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.750	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.800	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.850	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.900	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
32.950	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.000	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.050	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.100	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.150	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.200	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.250	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.300	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.350	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.400	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.450	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.500	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.550	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.600	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.650	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.700	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.750	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.800	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.850	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.900	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
33.950	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.000	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.050	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 1 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
34.100	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.150	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.200	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.250	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.300	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.350	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.400	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.450	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.500	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.550	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.600	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.650	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.700	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.750	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.800	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.850	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.900	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
34.950	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98
35.000	0.00	61.40	61.40	0.00	0.00	5,524.000	315.98

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
2.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
4.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
6.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
7.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
7.500	0.00	0.01	0.01	0.00	0.00	0.000	314.00
7.550	0.00	0.01	0.01	0.00	0.00	1.000	314.00
7.600	0.00	0.02	0.02	0.00	0.00	1.000	314.00
7.650	0.00	0.02	0.02	0.00	0.00	2.000	314.00
7.700	0.01	0.03	0.03	0.00	0.00	3.000	314.00
7.750	0.01	0.05	0.05	0.00	0.00	4.000	314.00
7.800	0.01	0.06	0.06	0.00	0.00	5.000	314.00
7.850	0.01	0.07	0.07	0.00	0.00	6.000	314.01
7.900	0.01	0.09	0.09	0.00	0.00	8.000	314.01
7.950	0.01	0.11	0.11	0.00	0.00	9.000	314.01
8.000	0.01	0.13	0.13	0.00	0.00	11.000	314.01
8.050	0.01	0.15	0.15	0.00	0.00	13.000	314.01
8.100	0.01	0.18	0.18	0.00	0.00	15.000	314.01
8.150	0.01	0.21	0.21	0.00	0.00	18.000	314.02
8.200	0.02	0.24	0.24	0.00	0.00	20.000	314.02
8.250	0.02	0.27	0.27	0.00	0.00	23.000	314.02
8.300	0.02	0.31	0.31	0.00	0.00	26.000	314.02
8.350	0.02	0.34	0.34	0.00	0.00	30.000	314.03
8.400	0.02	0.39	0.39	0.00	0.00	33.000	314.03
8.450	0.02	0.43	0.43	0.00	0.00	37.000	314.03
8.500	0.02	0.48	0.48	0.00	0.00	42.000	314.03
8.550	0.03	0.53	0.53	0.00	0.00	46.000	314.04
8.600	0.03	0.58	0.58	0.00	0.00	51.000	314.04
8.650	0.03	0.64	0.64	0.00	0.00	56.000	314.05
8.700	0.03	0.70	0.70	0.00	0.00	62.000	314.05
8.750	0.03	0.77	0.77	0.00	0.00	68.000	314.06
8.800	0.04	0.84	0.84	0.00	0.00	74.000	314.06
8.850	0.04	0.91	0.91	0.00	0.00	81.000	314.07
8.900	0.04	0.99	0.99	0.00	0.00	88.000	314.07
8.950	0.04	1.07	1.07	0.00	0.00	95.000	314.08
9.000	0.04	1.16	1.16	0.00	0.00	103.000	314.08
9.050	0.05	1.25	1.25	0.00	0.00	112.000	314.09

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
9.100	0.05	1.34	1.34	0.00	0.00	121.000	314.10
9.150	0.05	1.44	1.44	0.00	0.00	129.000	314.10
9.200	0.05	1.55	1.55	0.00	0.00	139.000	314.11
9.250	0.06	1.66	1.66	0.00	0.00	148.000	314.12
9.300	0.06	1.77	1.77	0.00	0.00	158.000	314.13
9.350	0.06	1.89	1.89	0.00	0.00	169.000	314.13
9.400	0.06	2.01	2.01	0.00	0.00	180.000	314.14
9.450	0.07	2.14	2.14	0.00	0.00	191.000	314.15
9.500	0.07	2.28	2.28	0.00	0.00	204.000	314.16
9.550	0.07	2.42	2.42	0.00	0.00	217.000	314.17
9.600	0.07	2.57	2.57	0.00	0.00	230.000	314.18
9.650	0.08	2.72	2.72	0.00	0.00	244.000	314.19
9.700	0.08	2.88	2.88	0.00	0.00	259.000	314.20
9.750	0.08	3.04	3.04	0.00	0.00	273.000	314.21
9.800	0.09	3.21	3.21	0.00	0.00	288.000	314.22
9.850	0.09	3.39	3.39	0.00	0.00	304.000	314.23
9.900	0.09	3.57	3.57	0.00	0.00	320.000	314.24
9.950	0.10	3.76	3.76	0.00	0.00	337.000	314.25
10.000	0.10	3.96	3.96	0.00	0.00	355.000	314.27
10.050	0.10	4.16	4.16	0.00	0.00	373.000	314.28
10.100	0.11	4.37	4.37	0.00	0.00	393.000	314.29
10.150	0.11	4.59	4.59	0.00	0.00	413.000	314.30
10.200	0.12	4.82	4.82	0.00	0.00	433.000	314.32
10.250	0.12	5.06	5.06	0.00	0.00	454.000	314.33
10.300	0.13	5.31	5.31	0.00	0.00	476.000	314.34
10.350	0.13	5.57	5.57	0.00	0.00	499.000	314.36
10.400	0.14	5.84	5.84	0.00	0.00	524.000	314.37
10.450	0.14	6.12	6.12	0.00	0.00	550.000	314.39
10.500	0.15	6.41	6.41	0.00	0.00	577.000	314.40
10.550	0.16	6.72	6.72	0.00	0.00	604.000	314.42
10.600	0.16	7.03	7.03	0.00	0.00	631.000	314.43
10.650	0.17	7.36	7.36	0.00	0.00	661.000	314.45
10.700	0.17	7.70	7.70	0.00	0.00	692.000	314.47
10.750	0.18	8.06	8.06	0.00	0.00	724.000	314.49
10.800	0.19	8.42	8.42	0.00	0.00	758.000	314.50
10.850	0.19	8.80	8.80	0.00	0.00	791.000	314.52
10.900	0.20	9.20	9.20	0.00	0.00	826.000	314.54
10.950	0.21	9.60	9.60	0.00	0.00	862.000	314.56
11.000	0.21	10.02	10.02	0.00	0.00	901.000	314.58
11.050	0.22	10.46	10.46	0.00	0.00	941.000	314.60
11.100	0.24	10.92	10.92	0.00	0.00	982.000	314.62
11.150	0.25	11.41	11.41	0.00	0.00	1,025.000	314.64

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
11.200	0.27	11.94	11.94	0.00	0.00	1,073.000	314.66
11.250	0.29	12.51	12.51	0.00	0.00	1,124.000	314.69
11.300	0.31	13.11	13.11	0.00	0.00	1,179.000	314.71
11.350	0.33	13.75	13.75	0.00	0.00	1,236.000	314.74
11.400	0.35	14.44	14.44	0.00	0.00	1,298.000	314.76
11.450	0.38	15.17	15.17	0.00	0.00	1,365.000	314.79
11.500	0.40	15.95	15.95	0.00	0.00	1,434.000	314.82
11.550	0.48	16.83	16.83	0.00	0.00	1,512.000	314.85
11.600	0.57	17.88	17.88	0.00	0.00	1,609.000	314.89
11.650	0.73	19.19	19.19	0.00	0.00	1,725.000	314.94
11.700	0.92	20.84	20.84	0.00	0.00	1,876.000	315.00
11.750	1.12	22.89	22.89	0.00	0.00	2,058.000	315.06
11.800	1.34	25.36	25.36	0.00	0.00	2,280.000	315.14
11.850	1.58	28.28	28.28	0.00	0.00	2,543.000	315.22
11.900	1.83	31.68	31.68	0.00	0.00	2,850.000	315.32
11.950	2.67	36.18	36.18	0.00	0.00	3,254.000	315.44
12.000	3.73	42.58	42.58	0.00	0.00	3,832.000	315.59
12.050	4.14	50.46	50.46	0.00	0.00	4,539.000	315.76
12.100	4.35	58.96	58.96	0.00	0.00	5,304.000	315.93
12.150	3.67	66.94	66.98	0.00	0.02	6,025.000	316.08
12.200	2.68	73.07	73.29	0.00	0.11	6,585.000	316.19
12.250	2.27	77.60	78.02	0.00	0.21	7,001.000	316.27
12.300	2.00	81.23	81.86	0.00	0.31	7,337.000	316.33
12.350	1.75	84.17	84.99	0.00	0.41	7,610.000	316.38
12.400	1.52	86.45	87.43	0.00	0.49	7,824.000	316.41
12.450	1.27	88.13	89.24	0.00	0.56	7,979.000	316.44
12.500	1.02	89.22	90.42	0.00	0.60	8,082.000	316.46
12.550	0.86	89.86	91.11	0.00	0.62	8,141.000	316.47
12.600	0.71	90.16	91.43	0.00	0.64	8,170.000	316.48
12.650	0.66	90.25	91.53	0.00	0.64	8,178.000	316.48
12.700	0.63	90.25	91.53	0.00	0.64	8,179.000	316.48
12.750	0.60	90.20	91.48	0.00	0.64	8,174.000	316.48
12.800	0.57	90.11	91.38	0.00	0.63	8,165.000	316.47
12.850	0.55	89.97	91.23	0.00	0.63	8,152.000	316.47
12.900	0.52	89.80	91.04	0.00	0.62	8,136.000	316.47
12.950	0.49	89.58	90.81	0.00	0.61	8,116.000	316.47
13.000	0.47	89.34	90.55	0.00	0.60	8,093.000	316.46
13.050	0.45	89.07	90.26	0.00	0.59	8,067.000	316.46
13.100	0.43	88.79	89.95	0.00	0.58	8,041.000	316.45
13.150	0.42	88.50	89.64	0.00	0.57	8,014.000	316.45
13.200	0.42	88.22	89.34	0.00	0.56	7,988.000	316.44
13.250	0.41	87.95	89.04	0.00	0.55	7,962.000	316.44

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
13.300	0.40	87.68	88.76	0.00	0.54	7,937.000	316.43
13.350	0.40	87.42	88.48	0.00	0.53	7,913.000	316.43
13.400	0.39	87.17	88.20	0.00	0.52	7,890.000	316.43
13.450	0.38	86.92	87.94	0.00	0.51	7,867.000	316.42
13.500	0.38	86.68	87.68	0.00	0.50	7,845.000	316.42
13.550	0.37	86.44	87.42	0.00	0.49	7,823.000	316.41
13.600	0.36	86.21	87.17	0.00	0.48	7,801.000	316.41
13.650	0.35	85.98	86.93	0.00	0.47	7,780.000	316.41
13.700	0.35	85.76	86.68	0.00	0.46	7,760.000	316.40
13.750	0.34	85.54	86.45	0.00	0.46	7,739.000	316.40
13.800	0.33	85.32	86.21	0.00	0.45	7,718.000	316.40
13.850	0.33	85.10	85.98	0.00	0.44	7,698.000	316.39
13.900	0.32	84.88	85.74	0.00	0.43	7,677.000	316.39
13.950	0.31	84.66	85.51	0.00	0.43	7,656.000	316.39
14.000	0.31	84.44	85.28	0.00	0.42	7,636.000	316.38
14.050	0.30	84.22	85.05	0.00	0.41	7,615.000	316.38
14.100	0.30	84.01	84.82	0.00	0.41	7,595.000	316.37
14.150	0.29	83.80	84.60	0.00	0.40	7,576.000	316.37
14.200	0.29	83.60	84.38	0.00	0.39	7,557.000	316.37
14.250	0.29	83.40	84.17	0.00	0.39	7,539.000	316.36
14.300	0.28	83.21	83.97	0.00	0.38	7,521.000	316.36
14.350	0.28	83.02	83.77	0.00	0.37	7,503.000	316.36
14.400	0.28	82.84	83.58	0.00	0.37	7,487.000	316.35
14.450	0.27	82.67	83.39	0.00	0.36	7,470.000	316.35
14.500	0.27	82.50	83.21	0.00	0.36	7,455.000	316.35
14.550	0.27	82.33	83.03	0.00	0.35	7,439.000	316.35
14.600	0.26	82.17	82.86	0.00	0.34	7,424.000	316.34
14.650	0.26	82.01	82.69	0.00	0.34	7,409.000	316.34
14.700	0.26	81.86	82.53	0.00	0.33	7,395.000	316.34
14.750	0.25	81.71	82.36	0.00	0.33	7,381.000	316.34
14.800	0.25	81.56	82.21	0.00	0.32	7,367.000	316.33
14.850	0.25	81.41	82.05	0.00	0.32	7,354.000	316.33
14.900	0.24	81.27	81.90	0.00	0.32	7,341.000	316.33
14.950	0.24	81.13	81.75	0.00	0.31	7,328.000	316.33
15.000	0.24	80.99	81.60	0.00	0.31	7,315.000	316.32
15.050	0.23	80.85	81.45	0.00	0.30	7,302.000	316.32
15.100	0.23	80.72	81.31	0.00	0.30	7,290.000	316.32
15.150	0.22	80.58	81.17	0.00	0.29	7,278.000	316.32
15.200	0.22	80.45	81.03	0.00	0.29	7,266.000	316.31
15.250	0.22	80.32	80.89	0.00	0.28	7,254.000	316.31
15.300	0.21	80.20	80.76	0.00	0.28	7,242.000	316.31
15.350	0.21	80.07	80.62	0.00	0.28	7,231.000	316.31

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
15.400	0.21	79.95	80.49	0.00	0.27	7,219.000	316.31
15.450	0.20	79.82	80.36	0.00	0.27	7,208.000	316.30
15.500	0.20	79.70	80.23	0.00	0.26	7,197.000	316.30
15.550	0.20	79.58	80.10	0.00	0.26	7,185.000	316.30
15.600	0.19	79.46	79.97	0.00	0.26	7,174.000	316.30
15.650	0.19	79.33	79.84	0.00	0.25	7,162.000	316.30
15.700	0.19	79.21	79.71	0.00	0.25	7,151.000	316.29
15.750	0.18	79.08	79.58	0.00	0.25	7,139.000	316.29
15.800	0.18	78.96	79.44	0.00	0.24	7,127.000	316.29
15.850	0.18	78.83	79.31	0.00	0.24	7,115.000	316.29
15.900	0.17	78.70	79.18	0.00	0.24	7,103.000	316.28
15.950	0.17	78.57	79.04	0.00	0.24	7,091.000	316.28
16.000	0.17	78.44	78.91	0.00	0.23	7,079.000	316.28
16.050	0.16	78.32	78.77	0.00	0.23	7,067.000	316.28
16.100	0.16	78.19	78.64	0.00	0.23	7,056.000	316.28
16.150	0.16	78.06	78.51	0.00	0.22	7,044.000	316.27
16.200	0.16	77.94	78.38	0.00	0.22	7,032.000	316.27
16.250	0.16	77.82	78.25	0.00	0.22	7,021.000	316.27
16.300	0.15	77.70	78.13	0.00	0.21	7,010.000	316.27
16.350	0.15	77.58	78.01	0.00	0.21	7,000.000	316.27
16.400	0.15	77.47	77.89	0.00	0.21	6,989.000	316.26
16.450	0.15	77.36	77.77	0.00	0.21	6,979.000	316.26
16.500	0.15	77.25	77.66	0.00	0.20	6,969.000	316.26
16.550	0.15	77.15	77.55	0.00	0.20	6,959.000	316.26
16.600	0.14	77.04	77.44	0.00	0.20	6,949.000	316.26
16.650	0.14	76.94	77.33	0.00	0.20	6,940.000	316.25
16.700	0.14	76.84	77.23	0.00	0.19	6,931.000	316.25
16.750	0.14	76.74	77.13	0.00	0.19	6,922.000	316.25
16.800	0.14	76.65	77.02	0.00	0.19	6,913.000	316.25
16.850	0.14	76.55	76.92	0.00	0.19	6,904.000	316.25
16.900	0.14	76.46	76.83	0.00	0.18	6,896.000	316.25
16.950	0.13	76.37	76.73	0.00	0.18	6,887.000	316.24
17.000	0.13	76.28	76.63	0.00	0.18	6,879.000	316.24
17.050	0.13	76.19	76.54	0.00	0.18	6,871.000	316.24
17.100	0.13	76.10	76.45	0.00	0.17	6,862.000	316.24
17.150	0.13	76.01	76.36	0.00	0.17	6,854.000	316.24
17.200	0.13	75.93	76.27	0.00	0.17	6,847.000	316.24
17.250	0.13	75.84	76.18	0.00	0.17	6,839.000	316.24
17.300	0.12	75.76	76.09	0.00	0.17	6,831.000	316.23
17.350	0.12	75.68	76.00	0.00	0.16	6,824.000	316.23
17.400	0.12	75.59	75.92	0.00	0.16	6,816.000	316.23
17.450	0.12	75.51	75.83	0.00	0.16	6,809.000	316.23

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
17.500	0.12	75.43	75.75	0.00	0.16	6,801.000	316.23
17.550	0.12	75.35	75.67	0.00	0.16	6,794.000	316.23
17.600	0.11	75.28	75.59	0.00	0.15	6,787.000	316.23
17.650	0.11	75.20	75.50	0.00	0.15	6,780.000	316.22
17.700	0.11	75.12	75.42	0.00	0.15	6,773.000	316.22
17.750	0.11	75.05	75.34	0.00	0.15	6,766.000	316.22
17.800	0.11	74.97	75.26	0.00	0.15	6,759.000	316.22
17.850	0.11	74.89	75.19	0.00	0.15	6,752.000	316.22
17.900	0.11	74.82	75.11	0.00	0.14	6,745.000	316.22
17.950	0.10	74.75	75.03	0.00	0.14	6,739.000	316.22
18.000	0.10	74.67	74.95	0.00	0.14	6,732.000	316.22
18.050	0.10	74.60	74.88	0.00	0.14	6,725.000	316.21
18.100	0.10	74.53	74.80	0.00	0.14	6,719.000	316.21
18.150	0.10	74.46	74.73	0.00	0.13	6,712.000	316.21
18.200	0.10	74.39	74.66	0.00	0.13	6,706.000	316.21
18.250	0.10	74.33	74.59	0.00	0.13	6,700.000	316.21
18.300	0.10	74.26	74.52	0.00	0.13	6,695.000	316.21
18.350	0.10	74.20	74.46	0.00	0.13	6,689.000	316.21
18.400	0.10	74.14	74.40	0.00	0.13	6,684.000	316.21
18.450	0.10	74.09	74.34	0.00	0.13	6,679.000	316.20
18.500	0.10	74.03	74.28	0.00	0.12	6,674.000	316.20
18.550	0.10	73.98	74.22	0.00	0.12	6,669.000	316.20
18.600	0.10	73.93	74.17	0.00	0.12	6,664.000	316.20
18.650	0.10	73.88	74.12	0.00	0.12	6,660.000	316.20
18.700	0.09	73.83	74.07	0.00	0.12	6,655.000	316.20
18.750	0.09	73.78	74.02	0.00	0.12	6,651.000	316.20
18.800	0.09	73.73	73.97	0.00	0.12	6,646.000	316.20
18.850	0.09	73.69	73.92	0.00	0.12	6,642.000	316.20
18.900	0.09	73.64	73.87	0.00	0.12	6,638.000	316.20
18.950	0.09	73.59	73.82	0.00	0.12	6,634.000	316.20
19.000	0.09	73.55	73.78	0.00	0.11	6,629.000	316.20
19.050	0.09	73.50	73.73	0.00	0.11	6,625.000	316.19
19.100	0.09	73.46	73.69	0.00	0.11	6,621.000	316.19
19.150	0.09	73.42	73.64	0.00	0.11	6,617.000	316.19
19.200	0.09	73.37	73.60	0.00	0.11	6,613.000	316.19
19.250	0.09	73.33	73.55	0.00	0.11	6,609.000	316.19
19.300	0.09	73.29	73.51	0.00	0.11	6,605.000	316.19
19.350	0.09	73.25	73.47	0.00	0.11	6,601.000	316.19
19.400	0.09	73.21	73.42	0.00	0.11	6,597.000	316.19
19.450	0.09	73.16	73.38	0.00	0.11	6,594.000	316.19
19.500	0.09	73.12	73.34	0.00	0.11	6,590.000	316.19
19.550	0.09	73.08	73.30	0.00	0.11	6,586.000	316.19

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
19.600	0.09	73.04	73.26	0.00	0.11	6,582.000	316.19
19.650	0.09	73.00	73.22	0.00	0.11	6,579.000	316.19
19.700	0.09	72.96	73.17	0.00	0.11	6,575.000	316.19
19.750	0.08	72.92	73.13	0.00	0.10	6,571.000	316.18
19.800	0.08	72.89	73.09	0.00	0.10	6,568.000	316.18
19.850	0.08	72.85	73.05	0.00	0.10	6,564.000	316.18
19.900	0.08	72.81	73.01	0.00	0.10	6,561.000	316.18
19.950	0.08	72.77	72.98	0.00	0.10	6,557.000	316.18
20.000	0.08	72.73	72.94	0.00	0.10	6,554.000	316.18
20.050	0.08	72.70	72.90	0.00	0.10	6,550.000	316.18
20.100	0.08	72.66	72.86	0.00	0.10	6,547.000	316.18
20.150	0.08	72.62	72.82	0.00	0.10	6,543.000	316.18
20.200	0.08	72.59	72.78	0.00	0.10	6,540.000	316.18
20.250	0.08	72.55	72.75	0.00	0.10	6,537.000	316.18
20.300	0.08	72.52	72.71	0.00	0.10	6,534.000	316.18
20.350	0.08	72.48	72.68	0.00	0.10	6,530.000	316.18
20.400	0.08	72.45	72.64	0.00	0.10	6,527.000	316.18
20.450	0.08	72.41	72.60	0.00	0.10	6,524.000	316.18
20.500	0.08	72.38	72.57	0.00	0.10	6,521.000	316.17
20.550	0.08	72.34	72.53	0.00	0.10	6,518.000	316.17
20.600	0.08	72.31	72.50	0.00	0.10	6,515.000	316.17
20.650	0.08	72.28	72.47	0.00	0.09	6,512.000	316.17
20.700	0.08	72.24	72.43	0.00	0.09	6,509.000	316.17
20.750	0.08	72.21	72.40	0.00	0.09	6,506.000	316.17
20.800	0.08	72.18	72.37	0.00	0.09	6,503.000	316.17
20.850	0.08	72.15	72.33	0.00	0.09	6,500.000	316.17
20.900	0.08	72.12	72.30	0.00	0.09	6,497.000	316.17
20.950	0.08	72.09	72.27	0.00	0.09	6,494.000	316.17
21.000	0.08	72.06	72.24	0.00	0.09	6,491.000	316.17
21.050	0.08	72.03	72.21	0.00	0.09	6,489.000	316.17
21.100	0.07	72.00	72.18	0.00	0.09	6,486.000	316.17
21.150	0.07	71.97	72.15	0.00	0.09	6,483.000	316.17
21.200	0.07	71.94	72.11	0.00	0.09	6,480.000	316.17
21.250	0.07	71.91	72.08	0.00	0.09	6,478.000	316.17
21.300	0.07	71.88	72.05	0.00	0.09	6,475.000	316.17
21.350	0.07	71.85	72.02	0.00	0.09	6,472.000	316.17
21.400	0.07	71.82	71.99	0.00	0.09	6,470.000	316.16
21.450	0.07	71.79	71.97	0.00	0.09	6,467.000	316.16
21.500	0.07	71.76	71.94	0.00	0.09	6,464.000	316.16
21.550	0.07	71.73	71.91	0.00	0.09	6,462.000	316.16
21.600	0.07	71.71	71.88	0.00	0.09	6,459.000	316.16
21.650	0.07	71.68	71.85	0.00	0.09	6,457.000	316.16

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
21.700	0.07	71.65	71.82	0.00	0.08	6,454.000	316.16
21.750	0.07	71.62	71.79	0.00	0.08	6,452.000	316.16
21.800	0.07	71.60	71.76	0.00	0.08	6,449.000	316.16
21.850	0.07	71.57	71.74	0.00	0.08	6,447.000	316.16
21.900	0.07	71.54	71.71	0.00	0.08	6,444.000	316.16
21.950	0.07	71.52	71.68	0.00	0.08	6,442.000	316.16
22.000	0.07	71.49	71.65	0.00	0.08	6,439.000	316.16
22.050	0.07	71.46	71.63	0.00	0.08	6,437.000	316.16
22.100	0.07	71.44	71.60	0.00	0.08	6,434.000	316.16
22.150	0.07	71.41	71.57	0.00	0.08	6,432.000	316.16
22.200	0.07	71.38	71.54	0.00	0.08	6,429.000	316.16
22.250	0.07	71.36	71.52	0.00	0.08	6,427.000	316.16
22.300	0.07	71.33	71.49	0.00	0.08	6,425.000	316.16
22.350	0.07	71.30	71.46	0.00	0.08	6,422.000	316.16
22.400	0.07	71.28	71.44	0.00	0.08	6,420.000	316.16
22.450	0.07	71.25	71.41	0.00	0.08	6,418.000	316.15
22.500	0.07	71.23	71.38	0.00	0.08	6,415.000	316.15
22.550	0.06	71.20	71.36	0.00	0.08	6,413.000	316.15
22.600	0.06	71.18	71.33	0.00	0.08	6,411.000	316.15
22.650	0.06	71.15	71.31	0.00	0.08	6,408.000	316.15
22.700	0.06	71.13	71.28	0.00	0.08	6,406.000	316.15
22.750	0.06	71.10	71.25	0.00	0.08	6,404.000	316.15
22.800	0.06	71.08	71.23	0.00	0.08	6,401.000	316.15
22.850	0.06	71.05	71.20	0.00	0.08	6,399.000	316.15
22.900	0.06	71.03	71.18	0.00	0.07	6,397.000	316.15
22.950	0.06	71.00	71.15	0.00	0.07	6,395.000	316.15
23.000	0.06	70.98	71.13	0.00	0.07	6,392.000	316.15
23.050	0.06	70.95	71.10	0.00	0.07	6,390.000	316.15
23.100	0.06	70.93	71.07	0.00	0.07	6,388.000	316.15
23.150	0.06	70.90	71.05	0.00	0.07	6,386.000	316.15
23.200	0.06	70.88	71.02	0.00	0.07	6,383.000	316.15
23.250	0.06	70.85	71.00	0.00	0.07	6,381.000	316.15
23.300	0.06	70.83	70.97	0.00	0.07	6,379.000	316.15
23.350	0.06	70.81	70.95	0.00	0.07	6,377.000	316.15
23.400	0.06	70.78	70.92	0.00	0.07	6,374.000	316.15
23.450	0.06	70.76	70.90	0.00	0.07	6,372.000	316.15
23.500	0.06	70.73	70.87	0.00	0.07	6,370.000	316.15
23.550	0.06	70.71	70.85	0.00	0.07	6,368.000	316.15
23.600	0.06	70.69	70.82	0.00	0.07	6,366.000	316.14
23.650	0.06	70.66	70.80	0.00	0.07	6,364.000	316.14
23.700	0.06	70.64	70.78	0.00	0.07	6,361.000	316.14
23.750	0.06	70.61	70.75	0.00	0.07	6,359.000	316.14

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
23.800	0.06	70.59	70.73	0.00	0.07	6,357.000	316.14
23.850	0.06	70.57	70.70	0.00	0.07	6,355.000	316.14
23.900	0.05	70.54	70.68	0.00	0.07	6,353.000	316.14
23.950	0.05	70.52	70.65	0.00	0.07	6,350.000	316.14
24.000	0.05	70.49	70.63	0.00	0.07	6,348.000	316.14
24.050	0.03	70.45	70.58	0.00	0.07	6,344.000	316.14
24.100	0.01	70.36	70.49	0.00	0.06	6,336.000	316.14
24.150	0.00	70.25	70.38	0.00	0.06	6,326.000	316.14
24.200	0.00	70.13	70.25	0.00	0.06	6,315.000	316.14
24.250	0.00	70.01	70.13	0.00	0.06	6,304.000	316.13
24.300	0.00	69.90	70.01	0.00	0.06	6,294.000	316.13
24.350	0.00	69.79	69.90	0.00	0.06	6,284.000	316.13
24.400	0.00	69.68	69.79	0.00	0.05	6,274.000	316.13
24.450	0.00	69.58	69.68	0.00	0.05	6,265.000	316.13
24.500	0.00	69.47	69.58	0.00	0.05	6,256.000	316.12
24.550	0.00	69.38	69.47	0.00	0.05	6,247.000	316.12
24.600	0.00	69.28	69.38	0.00	0.05	6,238.000	316.12
24.650	0.00	69.19	69.28	0.00	0.05	6,230.000	316.12
24.700	0.00	69.10	69.19	0.00	0.04	6,222.000	316.12
24.750	0.00	69.01	69.10	0.00	0.04	6,214.000	316.12
24.800	0.00	68.93	69.01	0.00	0.04	6,206.000	316.11
24.850	0.00	68.85	68.93	0.00	0.04	6,199.000	316.11
24.900	0.00	68.77	68.85	0.00	0.04	6,192.000	316.11
24.950	0.00	68.69	68.77	0.00	0.04	6,185.000	316.11
25.000	0.00	68.62	68.69	0.00	0.04	6,178.000	316.11
25.050	0.00	68.55	68.62	0.00	0.04	6,172.000	316.11
25.100	0.00	68.48	68.55	0.00	0.03	6,165.000	316.11
25.150	0.00	68.41	68.48	0.00	0.03	6,159.000	316.10
25.200	0.00	68.34	68.41	0.00	0.03	6,153.000	316.10
25.250	0.00	68.28	68.34	0.00	0.03	6,148.000	316.10
25.300	0.00	68.22	68.28	0.00	0.03	6,142.000	316.10
25.350	0.00	68.16	68.22	0.00	0.03	6,137.000	316.10
25.400	0.00	68.10	68.16	0.00	0.03	6,131.000	316.10
25.450	0.00	68.04	68.10	0.00	0.03	6,126.000	316.10
25.500	0.00	67.98	68.04	0.00	0.03	6,121.000	316.10
25.550	0.00	67.92	67.98	0.00	0.03	6,115.000	316.10
25.600	0.00	67.87	67.92	0.00	0.03	6,110.000	316.09
25.650	0.00	67.81	67.87	0.00	0.03	6,105.000	316.09
25.700	0.00	67.76	67.81	0.00	0.03	6,100.000	316.09
25.750	0.00	67.70	67.76	0.00	0.03	6,095.000	316.09
25.800	0.00	67.65	67.70	0.00	0.03	6,090.000	316.09
25.850	0.00	67.59	67.65	0.00	0.03	6,085.000	316.09

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
25.900	0.00	67.54	67.59	0.00	0.03	6,080.000	316.09
25.950	0.00	67.49	67.54	0.00	0.03	6,075.000	316.09
26.000	0.00	67.44	67.49	0.00	0.03	6,071.000	316.09
26.050	0.00	67.39	67.44	0.00	0.03	6,066.000	316.09
26.100	0.00	67.34	67.39	0.00	0.03	6,061.000	316.09
26.150	0.00	67.28	67.34	0.00	0.03	6,057.000	316.08
26.200	0.00	67.24	67.28	0.00	0.02	6,052.000	316.08
26.250	0.00	67.19	67.24	0.00	0.02	6,048.000	316.08
26.300	0.00	67.14	67.19	0.00	0.02	6,043.000	316.08
26.350	0.00	67.09	67.14	0.00	0.02	6,039.000	316.08
26.400	0.00	67.04	67.09	0.00	0.02	6,034.000	316.08
26.450	0.00	66.99	67.04	0.00	0.02	6,030.000	316.08
26.500	0.00	66.95	66.99	0.00	0.02	6,026.000	316.08
26.550	0.00	66.90	66.95	0.00	0.02	6,022.000	316.08
26.600	0.00	66.86	66.90	0.00	0.02	6,018.000	316.08
26.650	0.00	66.81	66.86	0.00	0.02	6,013.000	316.08
26.700	0.00	66.77	66.81	0.00	0.02	6,009.000	316.07
26.750	0.00	66.72	66.77	0.00	0.02	6,005.000	316.07
26.800	0.00	66.68	66.72	0.00	0.02	6,001.000	316.07
26.850	0.00	66.64	66.68	0.00	0.02	5,997.000	316.07
26.900	0.00	66.59	66.64	0.00	0.02	5,993.000	316.07
26.950	0.00	66.55	66.59	0.00	0.02	5,990.000	316.07
27.000	0.00	66.51	66.55	0.00	0.02	5,986.000	316.07
27.050	0.00	66.47	66.51	0.00	0.02	5,982.000	316.07
27.100	0.00	66.43	66.47	0.00	0.02	5,978.000	316.07
27.150	0.00	66.39	66.43	0.00	0.02	5,975.000	316.07
27.200	0.00	66.35	66.39	0.00	0.02	5,971.000	316.07
27.250	0.00	66.31	66.35	0.00	0.02	5,967.000	316.07
27.300	0.00	66.27	66.31	0.00	0.02	5,964.000	316.07
27.350	0.00	66.23	66.27	0.00	0.02	5,960.000	316.07
27.400	0.00	66.19	66.23	0.00	0.02	5,957.000	316.06
27.450	0.00	66.15	66.19	0.00	0.02	5,953.000	316.06
27.500	0.00	66.11	66.15	0.00	0.02	5,950.000	316.06
27.550	0.00	66.08	66.11	0.00	0.02	5,947.000	316.06
27.600	0.00	66.04	66.08	0.00	0.02	5,943.000	316.06
27.650	0.00	66.00	66.04	0.00	0.02	5,940.000	316.06
27.700	0.00	65.97	66.00	0.00	0.02	5,937.000	316.06
27.750	0.00	65.93	65.97	0.00	0.02	5,933.000	316.06
27.800	0.00	65.90	65.93	0.00	0.02	5,930.000	316.06
27.850	0.00	65.86	65.90	0.00	0.02	5,927.000	316.06
27.900	0.00	65.83	65.86	0.00	0.02	5,924.000	316.06
27.950	0.00	65.79	65.83	0.00	0.02	5,921.000	316.06

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
28.000	0.00	65.76	65.79	0.00	0.02	5,918.000	316.06
28.050	0.00	65.73	65.76	0.00	0.02	5,915.000	316.06
28.100	0.00	65.69	65.73	0.00	0.02	5,912.000	316.06
28.150	0.00	65.66	65.69	0.00	0.02	5,909.000	316.05
28.200	0.00	65.63	65.66	0.00	0.02	5,906.000	316.05
28.250	0.00	65.60	65.63	0.00	0.02	5,903.000	316.05
28.300	0.00	65.56	65.60	0.00	0.02	5,900.000	316.05
28.350	0.00	65.53	65.56	0.00	0.02	5,897.000	316.05
28.400	0.00	65.50	65.53	0.00	0.02	5,894.000	316.05
28.450	0.00	65.47	65.50	0.00	0.02	5,892.000	316.05
28.500	0.00	65.44	65.47	0.00	0.02	5,889.000	316.05
28.550	0.00	65.41	65.44	0.00	0.01	5,886.000	316.05
28.600	0.00	65.38	65.41	0.00	0.01	5,884.000	316.05
28.650	0.00	65.35	65.38	0.00	0.01	5,881.000	316.05
28.700	0.00	65.32	65.35	0.00	0.01	5,878.000	316.05
28.750	0.00	65.29	65.32	0.00	0.01	5,876.000	316.05
28.800	0.00	65.27	65.29	0.00	0.01	5,873.000	316.05
28.850	0.00	65.24	65.27	0.00	0.01	5,871.000	316.05
28.900	0.00	65.21	65.24	0.00	0.01	5,868.000	316.05
28.950	0.00	65.18	65.21	0.00	0.01	5,866.000	316.05
29.000	0.00	65.16	65.18	0.00	0.01	5,863.000	316.05
29.050	0.00	65.13	65.16	0.00	0.01	5,861.000	316.05
29.100	0.00	65.10	65.13	0.00	0.01	5,858.000	316.04
29.150	0.00	65.08	65.10	0.00	0.01	5,856.000	316.04
29.200	0.00	65.05	65.08	0.00	0.01	5,853.000	316.04
29.250	0.00	65.02	65.05	0.00	0.01	5,851.000	316.04
29.300	0.00	65.00	65.02	0.00	0.01	5,849.000	316.04
29.350	0.00	64.97	65.00	0.00	0.01	5,847.000	316.04
29.400	0.00	64.95	64.97	0.00	0.01	5,844.000	316.04
29.450	0.00	64.92	64.95	0.00	0.01	5,842.000	316.04
29.500	0.00	64.90	64.92	0.00	0.01	5,840.000	316.04
29.550	0.00	64.88	64.90	0.00	0.01	5,838.000	316.04
29.600	0.00	64.85	64.88	0.00	0.01	5,836.000	316.04
29.650	0.00	64.83	64.85	0.00	0.01	5,833.000	316.04
29.700	0.00	64.80	64.83	0.00	0.01	5,831.000	316.04
29.750	0.00	64.78	64.80	0.00	0.01	5,829.000	316.04
29.800	0.00	64.76	64.78	0.00	0.01	5,827.000	316.04
29.850	0.00	64.74	64.76	0.00	0.01	5,825.000	316.04
29.900	0.00	64.71	64.74	0.00	0.01	5,823.000	316.04
29.950	0.00	64.69	64.71	0.00	0.01	5,821.000	316.04
30.000	0.00	64.67	64.69	0.00	0.01	5,819.000	316.04
30.050	0.00	64.65	64.67	0.00	0.01	5,817.000	316.04

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
30.100	0.00	64.63	64.65	0.00	0.01	5,815.000	316.04
30.150	0.00	64.60	64.63	0.00	0.01	5,813.000	316.04
30.200	0.00	64.58	64.60	0.00	0.01	5,811.000	316.04
30.250	0.00	64.56	64.58	0.00	0.01	5,810.000	316.03
30.300	0.00	64.54	64.56	0.00	0.01	5,808.000	316.03
30.350	0.00	64.52	64.54	0.00	0.01	5,806.000	316.03
30.400	0.00	64.50	64.52	0.00	0.01	5,804.000	316.03
30.450	0.00	64.48	64.50	0.00	0.01	5,802.000	316.03
30.500	0.00	64.46	64.48	0.00	0.01	5,801.000	316.03
30.550	0.00	64.44	64.46	0.00	0.01	5,799.000	316.03
30.600	0.00	64.42	64.44	0.00	0.01	5,797.000	316.03
30.650	0.00	64.40	64.42	0.00	0.01	5,795.000	316.03
30.700	0.00	64.39	64.40	0.00	0.01	5,794.000	316.03
30.750	0.00	64.37	64.39	0.00	0.01	5,792.000	316.03
30.800	0.00	64.35	64.37	0.00	0.01	5,790.000	316.03
30.850	0.00	64.33	64.35	0.00	0.01	5,789.000	316.03
30.900	0.00	64.31	64.33	0.00	0.01	5,787.000	316.03
30.950	0.00	64.29	64.31	0.00	0.01	5,785.000	316.03
31.000	0.00	64.28	64.29	0.00	0.01	5,784.000	316.03
31.050	0.00	64.26	64.28	0.00	0.01	5,782.000	316.03
31.100	0.00	64.24	64.26	0.00	0.01	5,781.000	316.03
31.150	0.00	64.22	64.24	0.00	0.01	5,779.000	316.03
31.200	0.00	64.21	64.22	0.00	0.01	5,778.000	316.03
31.250	0.00	64.19	64.21	0.00	0.01	5,776.000	316.03
31.300	0.00	64.17	64.19	0.00	0.01	5,775.000	316.03
31.350	0.00	64.16	64.17	0.00	0.01	5,773.000	316.03
31.400	0.00	64.14	64.16	0.00	0.01	5,772.000	316.03
31.450	0.00	64.13	64.14	0.00	0.01	5,770.000	316.03
31.500	0.00	64.11	64.13	0.00	0.01	5,769.000	316.03
31.550	0.00	64.09	64.11	0.00	0.01	5,767.000	316.03
31.600	0.00	64.08	64.09	0.00	0.01	5,766.000	316.03
31.650	0.00	64.06	64.08	0.00	0.01	5,765.000	316.03
31.700	0.00	64.05	64.06	0.00	0.01	5,763.000	316.03
31.750	0.00	64.03	64.05	0.00	0.01	5,762.000	316.03
31.800	0.00	64.02	64.03	0.00	0.01	5,761.000	316.02
31.850	0.00	64.00	64.02	0.00	0.01	5,759.000	316.02
31.900	0.00	63.99	64.00	0.00	0.01	5,758.000	316.02
31.950	0.00	63.97	63.99	0.00	0.01	5,757.000	316.02
32.000	0.00	63.96	63.97	0.00	0.01	5,755.000	316.02
32.050	0.00	63.95	63.96	0.00	0.01	5,754.000	316.02
32.100	0.00	63.93	63.95	0.00	0.01	5,753.000	316.02
32.150	0.00	63.92	63.93	0.00	0.01	5,752.000	316.02

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
32.200	0.00	63.90	63.92	0.00	0.01	5,750.000	316.02
32.250	0.00	63.89	63.90	0.00	0.01	5,749.000	316.02
32.300	0.00	63.88	63.89	0.00	0.01	5,748.000	316.02
32.350	0.00	63.86	63.88	0.00	0.01	5,747.000	316.02
32.400	0.00	63.85	63.86	0.00	0.01	5,746.000	316.02
32.450	0.00	63.84	63.85	0.00	0.01	5,745.000	316.02
32.500	0.00	63.83	63.84	0.00	0.01	5,743.000	316.02
32.550	0.00	63.81	63.83	0.00	0.01	5,742.000	316.02
32.600	0.00	63.80	63.81	0.00	0.01	5,741.000	316.02
32.650	0.00	63.79	63.80	0.00	0.01	5,740.000	316.02
32.700	0.00	63.78	63.79	0.00	0.01	5,739.000	316.02
32.750	0.00	63.76	63.78	0.00	0.01	5,738.000	316.02
32.800	0.00	63.75	63.76	0.00	0.01	5,737.000	316.02
32.850	0.00	63.74	63.75	0.00	0.01	5,736.000	316.02
32.900	0.00	63.73	63.74	0.00	0.01	5,735.000	316.02
32.950	0.00	63.72	63.73	0.00	0.01	5,734.000	316.02
33.000	0.00	63.70	63.72	0.00	0.01	5,733.000	316.02
33.050	0.00	63.69	63.70	0.00	0.01	5,732.000	316.02
33.100	0.00	63.68	63.69	0.00	0.01	5,731.000	316.02
33.150	0.00	63.67	63.68	0.00	0.01	5,730.000	316.02
33.200	0.00	63.66	63.67	0.00	0.01	5,729.000	316.02
33.250	0.00	63.65	63.66	0.00	0.01	5,728.000	316.02
33.300	0.00	63.64	63.65	0.00	0.01	5,727.000	316.02
33.350	0.00	63.63	63.64	0.00	0.01	5,726.000	316.02
33.400	0.00	63.62	63.63	0.00	0.01	5,725.000	316.02
33.450	0.00	63.61	63.62	0.00	0.01	5,724.000	316.02
33.500	0.00	63.60	63.61	0.00	0.01	5,723.000	316.02
33.550	0.00	63.59	63.60	0.00	0.01	5,722.000	316.02
33.600	0.00	63.58	63.59	0.00	0.01	5,721.000	316.02
33.650	0.00	63.57	63.58	0.00	0.01	5,720.000	316.02
33.700	0.00	63.56	63.57	0.00	0.00	5,719.000	316.02
33.750	0.00	63.55	63.56	0.00	0.00	5,718.000	316.02
33.800	0.00	63.54	63.55	0.00	0.00	5,718.000	316.02
33.850	0.00	63.53	63.54	0.00	0.00	5,717.000	316.02
33.900	0.00	63.52	63.53	0.00	0.00	5,716.000	316.02
33.950	0.00	63.51	63.52	0.00	0.00	5,715.000	316.02
34.000	0.00	63.50	63.51	0.00	0.00	5,714.000	316.02
34.050	0.00	63.49	63.50	0.00	0.00	5,713.000	316.02
34.100	0.00	63.48	63.49	0.00	0.00	5,713.000	316.02
34.150	0.00	63.47	63.48	0.00	0.00	5,712.000	316.02
34.200	0.00	63.46	63.47	0.00	0.00	5,711.000	316.01
34.250	0.00	63.45	63.46	0.00	0.00	5,710.000	316.01

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 10 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
34.300	0.00	63.45	63.45	0.00	0.00	5,709.000	316.01
34.350	0.00	63.44	63.45	0.00	0.00	5,709.000	316.01
34.400	0.00	63.43	63.44	0.00	0.00	5,708.000	316.01
34.450	0.00	63.42	63.43	0.00	0.00	5,707.000	316.01
34.500	0.00	63.41	63.42	0.00	0.00	5,706.000	316.01
34.550	0.00	63.40	63.41	0.00	0.00	5,706.000	316.01
34.600	0.00	63.39	63.40	0.00	0.00	5,705.000	316.01
34.650	0.00	63.39	63.39	0.00	0.00	5,704.000	316.01
34.700	0.00	63.38	63.39	0.00	0.00	5,703.000	316.01
34.750	0.00	63.37	63.38	0.00	0.00	5,703.000	316.01
34.800	0.00	63.36	63.37	0.00	0.00	5,702.000	316.01
34.850	0.00	63.36	63.36	0.00	0.00	5,701.000	316.01
34.900	0.00	63.35	63.36	0.00	0.00	5,701.000	316.01
34.950	0.00	63.34	63.35	0.00	0.00	5,700.000	316.01
35.000	0.00	63.33	63.34	0.00	0.00	5,699.000	316.01

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
0.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
0.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
1.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
2.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
3.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
3.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.000	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.050	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.100	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.150	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.200	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.250	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.300	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.350	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.400	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.450	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.500	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.550	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.600	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.650	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.700	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.750	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.800	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.850	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.900	0.00	0.00	0.00	0.00	0.00	0.000	314.00
4.950	0.00	0.00	0.00	0.00	0.00	0.000	314.00
5.000	0.00	0.01	0.01	0.00	0.00	1.000	314.00
5.050	0.00	0.02	0.02	0.00	0.00	1.000	314.00

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
5.100	0.00	0.02	0.02	0.00	0.00	2.000	314.00
5.150	0.01	0.03	0.03	0.00	0.00	3.000	314.00
5.200	0.01	0.05	0.05	0.00	0.00	4.000	314.00
5.250	0.01	0.06	0.06	0.00	0.00	5.000	314.00
5.300	0.01	0.08	0.08	0.00	0.00	7.000	314.01
5.350	0.01	0.10	0.10	0.00	0.00	8.000	314.01
5.400	0.01	0.12	0.12	0.00	0.00	10.000	314.01
5.450	0.01	0.14	0.14	0.00	0.00	12.000	314.01
5.500	0.01	0.17	0.17	0.00	0.00	14.000	314.01
5.550	0.01	0.20	0.20	0.00	0.00	17.000	314.01
5.600	0.02	0.23	0.23	0.00	0.00	19.000	314.02
5.650	0.02	0.26	0.26	0.00	0.00	22.000	314.02
5.700	0.02	0.29	0.29	0.00	0.00	25.000	314.02
5.750	0.02	0.33	0.33	0.00	0.00	28.000	314.02
5.800	0.02	0.37	0.37	0.00	0.00	32.000	314.03
5.850	0.02	0.41	0.41	0.00	0.00	35.000	314.03
5.900	0.02	0.45	0.45	0.00	0.00	39.000	314.03
5.950	0.02	0.50	0.50	0.00	0.00	43.000	314.04
6.000	0.02	0.54	0.54	0.00	0.00	47.000	314.04
6.050	0.03	0.59	0.59	0.00	0.00	52.000	314.04
6.100	0.03	0.65	0.65	0.00	0.00	57.000	314.05
6.150	0.03	0.70	0.70	0.00	0.00	62.000	314.05
6.200	0.03	0.76	0.76	0.00	0.00	67.000	314.06
6.250	0.03	0.82	0.82	0.00	0.00	72.000	314.06
6.300	0.03	0.88	0.88	0.00	0.00	78.000	314.06
6.350	0.03	0.95	0.95	0.00	0.00	84.000	314.07
6.400	0.04	1.02	1.02	0.00	0.00	91.000	314.07
6.450	0.04	1.10	1.10	0.00	0.00	98.000	314.08
6.500	0.04	1.18	1.18	0.00	0.00	105.000	314.09
6.550	0.04	1.26	1.26	0.00	0.00	113.000	314.09
6.600	0.04	1.34	1.34	0.00	0.00	121.000	314.10
6.650	0.05	1.43	1.43	0.00	0.00	128.000	314.10
6.700	0.05	1.52	1.52	0.00	0.00	136.000	314.11
6.750	0.05	1.62	1.62	0.00	0.00	145.000	314.12
6.800	0.05	1.72	1.72	0.00	0.00	154.000	314.12
6.850	0.05	1.82	1.82	0.00	0.00	163.000	314.13
6.900	0.06	1.93	1.93	0.00	0.00	172.000	314.14
6.950	0.06	2.04	2.04	0.00	0.00	182.000	314.14
7.000	0.06	2.16	2.16	0.00	0.00	193.000	314.15
7.050	0.06	2.28	2.28	0.00	0.00	204.000	314.16
7.100	0.06	2.41	2.41	0.00	0.00	215.000	314.17
7.150	0.07	2.54	2.54	0.00	0.00	227.000	314.18

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
7.200	0.07	2.67	2.67	0.00	0.00	240.000	314.19
7.250	0.07	2.81	2.81	0.00	0.00	253.000	314.20
7.300	0.07	2.95	2.95	0.00	0.00	266.000	314.20
7.350	0.08	3.10	3.10	0.00	0.00	278.000	314.21
7.400	0.08	3.26	3.26	0.00	0.00	292.000	314.22
7.450	0.08	3.41	3.41	0.00	0.00	306.000	314.23
7.500	0.08	3.58	3.58	0.00	0.00	320.000	314.24
7.550	0.09	3.75	3.75	0.00	0.00	335.000	314.25
7.600	0.09	3.92	3.92	0.00	0.00	351.000	314.26
7.650	0.09	4.10	4.10	0.00	0.00	367.000	314.27
7.700	0.09	4.28	4.28	0.00	0.00	384.000	314.28
7.750	0.10	4.47	4.47	0.00	0.00	402.000	314.30
7.800	0.10	4.67	4.67	0.00	0.00	419.000	314.31
7.850	0.10	4.87	4.87	0.00	0.00	437.000	314.32
7.900	0.10	5.07	5.07	0.00	0.00	455.000	314.33
7.950	0.11	5.28	5.28	0.00	0.00	474.000	314.34
8.000	0.11	5.50	5.50	0.00	0.00	493.000	314.35
8.050	0.11	5.72	5.72	0.00	0.00	513.000	314.37
8.100	0.12	5.95	5.95	0.00	0.00	534.000	314.38
8.150	0.12	6.19	6.19	0.00	0.00	556.000	314.39
8.200	0.13	6.44	6.44	0.00	0.00	579.000	314.40
8.250	0.13	6.69	6.69	0.00	0.00	601.000	314.42
8.300	0.13	6.96	6.96	0.00	0.00	624.000	314.43
8.350	0.14	7.23	7.23	0.00	0.00	649.000	314.44
8.400	0.14	7.52	7.52	0.00	0.00	675.000	314.46
8.450	0.15	7.81	7.81	0.00	0.00	701.000	314.47
8.500	0.15	8.11	8.11	0.00	0.00	729.000	314.49
8.550	0.16	8.43	8.43	0.00	0.00	758.000	314.50
8.600	0.17	8.75	8.75	0.00	0.00	787.000	314.52
8.650	0.17	9.09	9.09	0.00	0.00	816.000	314.53
8.700	0.18	9.44	9.44	0.00	0.00	847.000	314.55
8.750	0.18	9.79	9.79	0.00	0.00	880.000	314.57
8.800	0.19	10.16	10.16	0.00	0.00	914.000	314.58
8.850	0.19	10.54	10.54	0.00	0.00	949.000	314.60
8.900	0.20	10.93	10.93	0.00	0.00	983.000	314.62
8.950	0.20	11.34	11.34	0.00	0.00	1,019.000	314.64
9.000	0.21	11.75	11.75	0.00	0.00	1,056.000	314.65
9.050	0.22	12.18	12.18	0.00	0.00	1,095.000	314.67
9.100	0.22	12.62	12.62	0.00	0.00	1,135.000	314.69
9.150	0.23	13.08	13.08	0.00	0.00	1,176.000	314.71
9.200	0.24	13.54	13.54	0.00	0.00	1,217.000	314.73
9.250	0.24	14.02	14.02	0.00	0.00	1,260.000	314.75

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
9.300	0.25	14.51	14.51	0.00	0.00	1,304.000	314.77
9.350	0.26	15.02	15.02	0.00	0.00	1,351.000	314.79
9.400	0.26	15.53	15.53	0.00	0.00	1,397.000	314.81
9.450	0.27	16.07	16.07	0.00	0.00	1,444.000	314.83
9.500	0.28	16.61	16.61	0.00	0.00	1,493.000	314.85
9.550	0.28	17.17	17.17	0.00	0.00	1,543.000	314.87
9.600	0.29	17.74	17.74	0.00	0.00	1,596.000	314.89
9.650	0.30	18.33	18.33	0.00	0.00	1,649.000	314.91
9.700	0.30	18.93	18.93	0.00	0.00	1,702.000	314.93
9.750	0.31	19.55	19.55	0.00	0.00	1,757.000	314.95
9.800	0.32	20.18	20.18	0.00	0.00	1,814.000	314.97
9.850	0.33	20.82	20.82	0.00	0.00	1,873.000	315.00
9.900	0.33	21.48	21.48	0.00	0.00	1,932.000	315.02
9.950	0.34	22.16	22.16	0.00	0.00	1,992.000	315.04
10.000	0.35	22.84	22.84	0.00	0.00	2,054.000	315.06
10.050	0.36	23.55	23.55	0.00	0.00	2,118.000	315.08
10.100	0.37	24.28	24.28	0.00	0.00	2,184.000	315.11
10.150	0.38	25.02	25.02	0.00	0.00	2,250.000	315.13
10.200	0.39	25.80	25.80	0.00	0.00	2,319.000	315.15
10.250	0.40	26.59	26.59	0.00	0.00	2,392.000	315.18
10.300	0.42	27.42	27.42	0.00	0.00	2,467.000	315.20
10.350	0.43	28.26	28.26	0.00	0.00	2,542.000	315.22
10.400	0.44	29.14	29.14	0.00	0.00	2,620.000	315.25
10.450	0.46	30.04	30.04	0.00	0.00	2,702.000	315.27
10.500	0.47	30.97	30.97	0.00	0.00	2,788.000	315.30
10.550	0.49	31.93	31.93	0.00	0.00	2,872.000	315.33
10.600	0.50	32.92	32.92	0.00	0.00	2,960.000	315.35
10.650	0.51	33.93	33.93	0.00	0.00	3,052.000	315.38
10.700	0.53	34.97	34.97	0.00	0.00	3,147.000	315.41
10.750	0.54	36.04	36.04	0.00	0.00	3,242.000	315.43
10.800	0.56	37.14	37.14	0.00	0.00	3,340.000	315.46
10.850	0.57	38.27	38.27	0.00	0.00	3,443.000	315.49
10.900	0.59	39.43	39.43	0.00	0.00	3,548.000	315.52
10.950	0.60	40.62	40.62	0.00	0.00	3,653.000	315.54
11.000	0.62	41.84	41.84	0.00	0.00	3,764.000	315.57
11.050	0.64	43.11	43.11	0.00	0.00	3,879.000	315.60
11.100	0.67	44.43	44.43	0.00	0.00	3,996.000	315.63
11.150	0.72	45.82	45.82	0.00	0.00	4,121.000	315.66
11.200	0.76	47.30	47.30	0.00	0.00	4,256.000	315.69
11.250	0.81	48.87	48.87	0.00	0.00	4,396.000	315.73
11.300	0.86	50.54	50.54	0.00	0.00	4,546.000	315.76
11.350	0.91	52.31	52.31	0.00	0.00	4,708.000	315.80

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
11.400	0.96	54.18	54.18	0.00	0.00	4,873.000	315.84
11.450	1.01	56.15	56.15	0.00	0.00	5,051.000	315.88
11.500	1.06	58.23	58.23	0.00	0.00	5,239.000	315.92
11.550	1.26	60.55	60.55	0.00	0.00	5,447.000	315.96
11.600	1.50	63.30	63.31	0.00	0.00	5,696.000	316.01
11.650	1.89	66.64	66.69	0.00	0.02	5,998.000	316.07
11.700	2.34	70.73	70.87	0.00	0.07	6,370.000	316.15
11.750	2.81	75.57	75.89	0.00	0.16	6,814.000	316.23
11.800	3.31	81.07	81.69	0.00	0.31	7,322.000	316.32
11.850	3.82	87.16	88.20	0.00	0.52	7,889.000	316.43
11.900	4.36	93.76	95.34	0.00	0.79	8,508.000	316.53
11.950	6.22	101.98	104.34	0.00	1.18	9,282.000	316.66
12.000	8.51	113.15	116.71	0.00	1.78	10,342.000	316.83
12.050	9.25	125.87	130.91	0.00	2.52	11,554.000	317.01
12.100	9.53	138.11	144.64	0.00	3.27	12,722.000	317.18
12.150	7.91	147.85	155.55	0.00	3.85	13,652.000	317.31
12.200	5.72	153.14	161.48	0.00	4.17	14,156.000	317.37
12.250	4.80	155.08	163.66	0.00	4.29	14,343.000	317.40
12.300	4.20	155.45	164.07	0.00	4.31	14,378.000	317.40
12.350	3.67	154.78	163.32	0.00	4.27	14,314.000	317.39
12.400	3.16	153.25	161.60	0.00	4.18	14,166.000	317.37
12.450	2.64	150.96	159.04	0.00	4.04	13,947.000	317.35
12.500	2.12	148.00	155.72	0.00	3.86	13,666.000	317.31
12.550	1.77	144.58	151.89	0.00	3.66	13,338.000	317.26
12.600	1.47	140.94	147.82	0.00	3.44	12,993.000	317.22
12.650	1.35	137.33	143.77	0.00	3.22	12,647.000	317.17
12.700	1.29	133.95	139.97	0.00	3.01	12,325.000	317.12
12.750	1.23	130.83	136.47	0.00	2.82	12,027.000	317.08
12.800	1.18	127.94	133.23	0.00	2.65	11,750.000	317.04
12.850	1.12	125.26	130.24	0.00	2.49	11,497.000	317.00
12.900	1.07	122.77	127.45	0.00	2.34	11,258.000	316.97
12.950	1.01	120.45	124.85	0.00	2.20	11,036.000	316.94
13.000	0.96	118.27	122.42	0.00	2.07	10,830.000	316.91
13.050	0.92	116.23	120.14	0.00	1.96	10,635.000	316.88
13.100	0.88	114.33	118.03	0.00	1.85	10,454.000	316.85
13.150	0.86	112.58	116.08	0.00	1.75	10,288.000	316.82
13.200	0.85	110.97	114.29	0.00	1.66	10,137.000	316.80
13.250	0.83	109.50	112.65	0.00	1.58	9,995.000	316.78
13.300	0.82	108.14	111.15	0.00	1.50	9,865.000	316.76
13.350	0.80	106.89	109.76	0.00	1.44	9,747.000	316.74
13.400	0.79	105.73	108.48	0.00	1.38	9,638.000	316.72
13.450	0.78	104.66	107.30	0.00	1.32	9,538.000	316.70

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
13.500	0.76	103.66	106.20	0.00	1.27	9,443.000	316.69
13.550	0.75	102.73	105.17	0.00	1.22	9,354.000	316.67
13.600	0.73	101.86	104.21	0.00	1.18	9,271.000	316.66
13.650	0.72	101.04	103.31	0.00	1.14	9,194.000	316.65
13.700	0.70	100.27	102.47	0.00	1.10	9,121.000	316.64
13.750	0.69	99.55	101.67	0.00	1.06	9,053.000	316.62
13.800	0.68	98.86	100.91	0.00	1.03	8,989.000	316.61
13.850	0.66	98.21	100.20	0.00	0.99	8,928.000	316.60
13.900	0.65	97.59	99.52	0.00	0.96	8,870.000	316.59
13.950	0.63	97.00	98.87	0.00	0.94	8,813.000	316.58
14.000	0.62	96.43	98.25	0.00	0.91	8,759.000	316.58
14.050	0.61	95.88	97.65	0.00	0.89	8,707.000	316.57
14.100	0.60	95.36	97.08	0.00	0.86	8,657.000	316.56
14.150	0.59	94.86	96.54	0.00	0.84	8,611.000	316.55
14.200	0.58	94.39	96.03	0.00	0.82	8,567.000	316.54
14.250	0.57	93.95	95.55	0.00	0.80	8,525.000	316.54
14.300	0.57	93.53	95.09	0.00	0.78	8,486.000	316.53
14.350	0.56	93.14	94.66	0.00	0.76	8,449.000	316.52
14.400	0.55	92.76	94.25	0.00	0.74	8,414.000	316.52
14.450	0.55	92.41	93.86	0.00	0.73	8,381.000	316.51
14.500	0.54	92.07	93.49	0.00	0.71	8,350.000	316.51
14.550	0.53	91.74	93.14	0.00	0.70	8,320.000	316.50
14.600	0.53	91.43	92.80	0.00	0.69	8,290.000	316.50
14.650	0.52	91.13	92.47	0.00	0.67	8,261.000	316.49
14.700	0.51	90.83	92.16	0.00	0.66	8,234.000	316.49
14.750	0.51	90.55	91.85	0.00	0.65	8,207.000	316.48
14.800	0.50	90.27	91.55	0.00	0.64	8,180.000	316.48
14.850	0.49	90.00	91.26	0.00	0.63	8,155.000	316.47
14.900	0.48	89.74	90.98	0.00	0.62	8,130.000	316.47
14.950	0.48	89.48	90.70	0.00	0.61	8,106.000	316.46
15.000	0.47	89.23	90.43	0.00	0.60	8,082.000	316.46
15.050	0.46	88.99	90.16	0.00	0.59	8,059.000	316.46
15.100	0.46	88.74	89.90	0.00	0.58	8,037.000	316.45
15.150	0.45	88.51	89.65	0.00	0.57	8,015.000	316.45
15.200	0.44	88.28	89.40	0.00	0.56	7,993.000	316.44
15.250	0.44	88.05	89.15	0.00	0.55	7,972.000	316.44
15.300	0.43	87.82	88.91	0.00	0.54	7,951.000	316.44
15.350	0.42	87.60	88.67	0.00	0.54	7,930.000	316.43
15.400	0.41	87.38	88.44	0.00	0.53	7,910.000	316.43
15.450	0.41	87.17	88.21	0.00	0.52	7,890.000	316.43
15.500	0.40	86.95	87.98	0.00	0.51	7,870.000	316.42
15.550	0.39	86.74	87.75	0.00	0.50	7,851.000	316.42

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
15.600	0.39	86.54	87.52	0.00	0.49	7,831.000	316.42
15.650	0.38	86.33	87.30	0.00	0.49	7,812.000	316.41
15.700	0.37	86.13	87.08	0.00	0.48	7,794.000	316.41
15.750	0.37	85.92	86.86	0.00	0.47	7,775.000	316.41
15.800	0.36	85.72	86.65	0.00	0.46	7,756.000	316.40
15.850	0.35	85.52	86.43	0.00	0.45	7,738.000	316.40
15.900	0.34	85.32	86.22	0.00	0.45	7,719.000	316.40
15.950	0.34	85.12	86.00	0.00	0.44	7,700.000	316.39
16.000	0.33	84.92	85.79	0.00	0.43	7,681.000	316.39
16.050	0.33	84.72	85.57	0.00	0.43	7,662.000	316.39
16.100	0.32	84.52	85.36	0.00	0.42	7,643.000	316.38
16.150	0.32	84.33	85.16	0.00	0.42	7,625.000	316.38
16.200	0.31	84.14	84.95	0.00	0.41	7,607.000	316.38
16.250	0.31	83.95	84.76	0.00	0.40	7,590.000	316.37
16.300	0.31	83.77	84.57	0.00	0.40	7,573.000	316.37
16.350	0.30	83.60	84.38	0.00	0.39	7,557.000	316.37
16.400	0.30	83.43	84.21	0.00	0.39	7,542.000	316.36
16.450	0.30	83.27	84.03	0.00	0.38	7,526.000	316.36
16.500	0.29	83.11	83.86	0.00	0.38	7,512.000	316.36
16.550	0.29	82.96	83.70	0.00	0.37	7,497.000	316.36
16.600	0.29	82.81	83.54	0.00	0.37	7,483.000	316.35
16.650	0.29	82.66	83.38	0.00	0.36	7,469.000	316.35
16.700	0.28	82.51	83.23	0.00	0.36	7,456.000	316.35
16.750	0.28	82.37	83.08	0.00	0.35	7,443.000	316.35
16.800	0.28	82.23	82.93	0.00	0.35	7,430.000	316.34
16.850	0.27	82.10	82.78	0.00	0.34	7,417.000	316.34
16.900	0.27	81.97	82.64	0.00	0.34	7,405.000	316.34
16.950	0.27	81.84	82.50	0.00	0.33	7,393.000	316.34
17.000	0.26	81.71	82.37	0.00	0.33	7,381.000	316.34
17.050	0.26	81.58	82.23	0.00	0.33	7,370.000	316.33
17.100	0.26	81.46	82.10	0.00	0.32	7,358.000	316.33
17.150	0.25	81.34	81.97	0.00	0.32	7,347.000	316.33
17.200	0.25	81.22	81.84	0.00	0.31	7,336.000	316.33
17.250	0.25	81.10	81.72	0.00	0.31	7,325.000	316.33
17.300	0.25	80.98	81.59	0.00	0.31	7,314.000	316.32
17.350	0.24	80.86	81.47	0.00	0.30	7,303.000	316.32
17.400	0.24	80.75	81.35	0.00	0.30	7,293.000	316.32
17.450	0.24	80.64	81.23	0.00	0.29	7,282.000	316.32
17.500	0.23	80.53	81.11	0.00	0.29	7,272.000	316.32
17.550	0.23	80.42	80.99	0.00	0.29	7,262.000	316.31
17.600	0.23	80.31	80.87	0.00	0.28	7,252.000	316.31
17.650	0.22	80.20	80.76	0.00	0.28	7,242.000	316.31

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
17.700	0.22	80.09	80.64	0.00	0.28	7,232.000	316.31
17.750	0.22	79.98	80.53	0.00	0.27	7,222.000	316.31
17.800	0.21	79.88	80.41	0.00	0.27	7,213.000	316.30
17.850	0.21	79.77	80.30	0.00	0.27	7,203.000	316.30
17.900	0.21	79.67	80.19	0.00	0.26	7,193.000	316.30
17.950	0.21	79.56	80.08	0.00	0.26	7,184.000	316.30
18.000	0.20	79.46	79.97	0.00	0.26	7,174.000	316.30
18.050	0.20	79.35	79.86	0.00	0.25	7,164.000	316.30
18.100	0.20	79.24	79.75	0.00	0.25	7,154.000	316.29
18.150	0.20	79.14	79.64	0.00	0.25	7,144.000	316.29
18.200	0.20	79.04	79.53	0.00	0.25	7,135.000	316.29
18.250	0.20	78.94	79.43	0.00	0.24	7,126.000	316.29
18.300	0.19	78.85	79.33	0.00	0.24	7,117.000	316.29
18.350	0.19	78.76	79.23	0.00	0.24	7,108.000	316.29
18.400	0.19	78.67	79.14	0.00	0.24	7,100.000	316.28
18.450	0.19	78.58	79.05	0.00	0.24	7,092.000	316.28
18.500	0.19	78.49	78.96	0.00	0.23	7,084.000	316.28
18.550	0.19	78.41	78.87	0.00	0.23	7,076.000	316.28
18.600	0.19	78.33	78.79	0.00	0.23	7,069.000	316.28
18.650	0.19	78.25	78.71	0.00	0.23	7,062.000	316.28
18.700	0.19	78.18	78.63	0.00	0.23	7,055.000	316.28
18.750	0.19	78.10	78.55	0.00	0.22	7,048.000	316.27
18.800	0.19	78.03	78.47	0.00	0.22	7,041.000	316.27
18.850	0.18	77.96	78.40	0.00	0.22	7,034.000	316.27
18.900	0.18	77.89	78.33	0.00	0.22	7,028.000	316.27
18.950	0.18	77.82	78.25	0.00	0.22	7,021.000	316.27
19.000	0.18	77.75	78.18	0.00	0.22	7,015.000	316.27
19.050	0.18	77.69	78.12	0.00	0.21	7,009.000	316.27
19.100	0.18	77.62	78.05	0.00	0.21	7,003.000	316.27
19.150	0.18	77.56	77.98	0.00	0.21	6,997.000	316.26
19.200	0.18	77.50	77.92	0.00	0.21	6,992.000	316.26
19.250	0.18	77.44	77.85	0.00	0.21	6,986.000	316.26
19.300	0.18	77.38	77.79	0.00	0.21	6,980.000	316.26
19.350	0.17	77.32	77.73	0.00	0.20	6,975.000	316.26
19.400	0.17	77.26	77.67	0.00	0.20	6,970.000	316.26
19.450	0.17	77.21	77.61	0.00	0.20	6,965.000	316.26
19.500	0.17	77.15	77.55	0.00	0.20	6,959.000	316.26
19.550	0.17	77.10	77.49	0.00	0.20	6,954.000	316.26
19.600	0.17	77.04	77.44	0.00	0.20	6,949.000	316.26
19.650	0.17	76.99	77.38	0.00	0.20	6,944.000	316.26
19.700	0.17	76.94	77.33	0.00	0.20	6,940.000	316.25
19.750	0.17	76.88	77.27	0.00	0.19	6,935.000	316.25

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
19.800	0.17	76.83	77.22	0.00	0.19	6,930.000	316.25
19.850	0.17	76.78	77.17	0.00	0.19	6,925.000	316.25
19.900	0.16	76.73	77.11	0.00	0.19	6,921.000	316.25
19.950	0.16	76.68	77.06	0.00	0.19	6,916.000	316.25
20.000	0.16	76.63	77.01	0.00	0.19	6,912.000	316.25
20.050	0.16	76.59	76.96	0.00	0.19	6,907.000	316.25
20.100	0.16	76.54	76.91	0.00	0.19	6,903.000	316.25
20.150	0.16	76.49	76.86	0.00	0.18	6,898.000	316.25
20.200	0.16	76.45	76.81	0.00	0.18	6,894.000	316.25
20.250	0.16	76.40	76.77	0.00	0.18	6,890.000	316.24
20.300	0.16	76.36	76.72	0.00	0.18	6,886.000	316.24
20.350	0.16	76.31	76.67	0.00	0.18	6,882.000	316.24
20.400	0.16	76.27	76.63	0.00	0.18	6,878.000	316.24
20.450	0.16	76.23	76.58	0.00	0.18	6,874.000	316.24
20.500	0.16	76.19	76.54	0.00	0.18	6,870.000	316.24
20.550	0.16	76.15	76.50	0.00	0.18	6,867.000	316.24
20.600	0.15	76.11	76.46	0.00	0.17	6,863.000	316.24
20.650	0.15	76.07	76.41	0.00	0.17	6,859.000	316.24
20.700	0.15	76.03	76.37	0.00	0.17	6,856.000	316.24
20.750	0.15	75.99	76.33	0.00	0.17	6,852.000	316.24
20.800	0.15	75.95	76.29	0.00	0.17	6,849.000	316.24
20.850	0.15	75.91	76.25	0.00	0.17	6,845.000	316.24
20.900	0.15	75.87	76.21	0.00	0.17	6,842.000	316.24
20.950	0.15	75.84	76.17	0.00	0.17	6,838.000	316.24
21.000	0.15	75.80	76.13	0.00	0.17	6,835.000	316.23
21.050	0.15	75.76	76.10	0.00	0.17	6,832.000	316.23
21.100	0.15	75.73	76.06	0.00	0.17	6,828.000	316.23
21.150	0.15	75.69	76.02	0.00	0.16	6,825.000	316.23
21.200	0.15	75.66	75.99	0.00	0.16	6,822.000	316.23
21.250	0.15	75.62	75.95	0.00	0.16	6,819.000	316.23
21.300	0.14	75.59	75.91	0.00	0.16	6,816.000	316.23
21.350	0.14	75.55	75.88	0.00	0.16	6,813.000	316.23
21.400	0.14	75.52	75.84	0.00	0.16	6,809.000	316.23
21.450	0.14	75.49	75.81	0.00	0.16	6,806.000	316.23
21.500	0.14	75.45	75.77	0.00	0.16	6,803.000	316.23
21.550	0.14	75.42	75.73	0.00	0.16	6,800.000	316.23
21.600	0.14	75.39	75.70	0.00	0.16	6,797.000	316.23
21.650	0.14	75.35	75.67	0.00	0.16	6,794.000	316.23
21.700	0.14	75.32	75.63	0.00	0.16	6,791.000	316.23
21.750	0.14	75.29	75.60	0.00	0.15	6,788.000	316.23
21.800	0.14	75.26	75.56	0.00	0.15	6,785.000	316.23
21.850	0.14	75.23	75.53	0.00	0.15	6,782.000	316.22

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
21.900	0.14	75.19	75.50	0.00	0.15	6,780.000	316.22
21.950	0.14	75.16	75.47	0.00	0.15	6,777.000	316.22
22.000	0.13	75.13	75.43	0.00	0.15	6,774.000	316.22
22.050	0.13	75.10	75.40	0.00	0.15	6,771.000	316.22
22.100	0.13	75.07	75.37	0.00	0.15	6,768.000	316.22
22.150	0.13	75.04	75.33	0.00	0.15	6,765.000	316.22
22.200	0.13	75.01	75.30	0.00	0.15	6,762.000	316.22
22.250	0.13	74.98	75.27	0.00	0.15	6,760.000	316.22
22.300	0.13	74.94	75.24	0.00	0.15	6,757.000	316.22
22.350	0.13	74.91	75.20	0.00	0.15	6,754.000	316.22
22.400	0.13	74.88	75.17	0.00	0.14	6,751.000	316.22
22.450	0.13	74.85	75.14	0.00	0.14	6,748.000	316.22
22.500	0.13	74.82	75.11	0.00	0.14	6,746.000	316.22
22.550	0.13	74.79	75.08	0.00	0.14	6,743.000	316.22
22.600	0.13	74.76	75.05	0.00	0.14	6,740.000	316.22
22.650	0.13	74.73	75.01	0.00	0.14	6,737.000	316.22
22.700	0.13	74.70	74.98	0.00	0.14	6,735.000	316.22
22.750	0.12	74.67	74.95	0.00	0.14	6,732.000	316.22
22.800	0.12	74.64	74.92	0.00	0.14	6,729.000	316.21
22.850	0.12	74.61	74.89	0.00	0.14	6,726.000	316.21
22.900	0.12	74.58	74.86	0.00	0.14	6,724.000	316.21
22.950	0.12	74.55	74.83	0.00	0.14	6,721.000	316.21
23.000	0.12	74.52	74.80	0.00	0.14	6,718.000	316.21
23.050	0.12	74.49	74.77	0.00	0.14	6,716.000	316.21
23.100	0.12	74.46	74.73	0.00	0.13	6,713.000	316.21
23.150	0.12	74.43	74.70	0.00	0.13	6,710.000	316.21
23.200	0.12	74.40	74.67	0.00	0.13	6,708.000	316.21
23.250	0.12	74.38	74.64	0.00	0.13	6,705.000	316.21
23.300	0.12	74.35	74.61	0.00	0.13	6,702.000	316.21
23.350	0.12	74.32	74.58	0.00	0.13	6,700.000	316.21
23.400	0.12	74.29	74.55	0.00	0.13	6,697.000	316.21
23.450	0.12	74.26	74.52	0.00	0.13	6,694.000	316.21
23.500	0.11	74.23	74.49	0.00	0.13	6,692.000	316.21
23.550	0.11	74.20	74.46	0.00	0.13	6,689.000	316.21
23.600	0.11	74.17	74.43	0.00	0.13	6,686.000	316.21
23.650	0.11	74.14	74.40	0.00	0.13	6,684.000	316.21
23.700	0.11	74.11	74.37	0.00	0.13	6,681.000	316.21
23.750	0.11	74.08	74.34	0.00	0.13	6,678.000	316.20
23.800	0.11	74.06	74.31	0.00	0.12	6,676.000	316.20
23.850	0.11	74.03	74.27	0.00	0.12	6,673.000	316.20
23.900	0.11	74.00	74.24	0.00	0.12	6,671.000	316.20
23.950	0.11	73.97	74.21	0.00	0.12	6,668.000	316.20

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
24.000	0.11	73.94	74.18	0.00	0.12	6,665.000	316.20
24.050	0.07	73.87	74.11	0.00	0.12	6,659.000	316.20
24.100	0.02	73.72	73.96	0.00	0.12	6,645.000	316.20
24.150	0.00	73.51	73.74	0.00	0.11	6,626.000	316.19
24.200	0.00	73.30	73.52	0.00	0.11	6,606.000	316.19
24.250	0.00	73.08	73.30	0.00	0.11	6,586.000	316.19
24.300	0.00	72.88	73.08	0.00	0.10	6,567.000	316.18
24.350	0.00	72.67	72.88	0.00	0.10	6,548.000	316.18
24.400	0.00	72.48	72.67	0.00	0.10	6,530.000	316.18
24.450	0.00	72.29	72.48	0.00	0.09	6,513.000	316.17
24.500	0.00	72.10	72.29	0.00	0.09	6,496.000	316.17
24.550	0.00	71.93	72.10	0.00	0.09	6,479.000	316.17
24.600	0.00	71.75	71.93	0.00	0.09	6,464.000	316.16
24.650	0.00	71.59	71.75	0.00	0.08	6,448.000	316.16
24.700	0.00	71.42	71.59	0.00	0.08	6,433.000	316.16
24.750	0.00	71.27	71.42	0.00	0.08	6,419.000	316.16
24.800	0.00	71.11	71.27	0.00	0.08	6,405.000	316.15
24.850	0.00	70.97	71.11	0.00	0.07	6,391.000	316.15
24.900	0.00	70.82	70.97	0.00	0.07	6,378.000	316.15
24.950	0.00	70.68	70.82	0.00	0.07	6,366.000	316.14
25.000	0.00	70.55	70.68	0.00	0.07	6,353.000	316.14
25.050	0.00	70.42	70.55	0.00	0.07	6,341.000	316.14
25.100	0.00	70.29	70.42	0.00	0.06	6,330.000	316.14
25.150	0.00	70.17	70.29	0.00	0.06	6,319.000	316.14
25.200	0.00	70.05	70.17	0.00	0.06	6,308.000	316.13
25.250	0.00	69.93	70.05	0.00	0.06	6,297.000	316.13
25.300	0.00	69.82	69.93	0.00	0.06	6,287.000	316.13
25.350	0.00	69.71	69.82	0.00	0.05	6,277.000	316.13
25.400	0.00	69.61	69.71	0.00	0.05	6,268.000	316.13
25.450	0.00	69.51	69.61	0.00	0.05	6,258.000	316.12
25.500	0.00	69.41	69.51	0.00	0.05	6,249.000	316.12
25.550	0.00	69.31	69.41	0.00	0.05	6,241.000	316.12
25.600	0.00	69.22	69.31	0.00	0.05	6,232.000	316.12
25.650	0.00	69.13	69.22	0.00	0.05	6,224.000	316.12
25.700	0.00	69.04	69.13	0.00	0.04	6,216.000	316.12
25.750	0.00	68.95	69.04	0.00	0.04	6,209.000	316.11
25.800	0.00	68.87	68.95	0.00	0.04	6,201.000	316.11
25.850	0.00	68.79	68.87	0.00	0.04	6,194.000	316.11
25.900	0.00	68.72	68.79	0.00	0.04	6,187.000	316.11
25.950	0.00	68.64	68.72	0.00	0.04	6,180.000	316.11
26.000	0.00	68.57	68.64	0.00	0.04	6,174.000	316.11
26.050	0.00	68.50	68.57	0.00	0.04	6,167.000	316.11

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
26.100	0.00	68.43	68.50	0.00	0.03	6,161.000	316.10
26.150	0.00	68.36	68.43	0.00	0.03	6,155.000	316.10
26.200	0.00	68.30	68.36	0.00	0.03	6,150.000	316.10
26.250	0.00	68.24	68.30	0.00	0.03	6,144.000	316.10
26.300	0.00	68.18	68.24	0.00	0.03	6,138.000	316.10
26.350	0.00	68.12	68.18	0.00	0.03	6,133.000	316.10
26.400	0.00	68.06	68.12	0.00	0.03	6,128.000	316.10
26.450	0.00	68.00	68.06	0.00	0.03	6,122.000	316.10
26.500	0.00	67.94	68.00	0.00	0.03	6,117.000	316.10
26.550	0.00	67.89	67.94	0.00	0.03	6,112.000	316.10
26.600	0.00	67.83	67.89	0.00	0.03	6,107.000	316.09
26.650	0.00	67.77	67.83	0.00	0.03	6,102.000	316.09
26.700	0.00	67.72	67.77	0.00	0.03	6,097.000	316.09
26.750	0.00	67.66	67.72	0.00	0.03	6,092.000	316.09
26.800	0.00	67.61	67.66	0.00	0.03	6,087.000	316.09
26.850	0.00	67.56	67.61	0.00	0.03	6,082.000	316.09
26.900	0.00	67.51	67.56	0.00	0.03	6,077.000	316.09
26.950	0.00	67.45	67.51	0.00	0.03	6,072.000	316.09
27.000	0.00	67.40	67.45	0.00	0.03	6,067.000	316.09
27.050	0.00	67.35	67.40	0.00	0.03	6,063.000	316.09
27.100	0.00	67.30	67.35	0.00	0.03	6,058.000	316.08
27.150	0.00	67.25	67.30	0.00	0.02	6,054.000	316.08
27.200	0.00	67.20	67.25	0.00	0.02	6,049.000	316.08
27.250	0.00	67.15	67.20	0.00	0.02	6,045.000	316.08
27.300	0.00	67.10	67.15	0.00	0.02	6,040.000	316.08
27.350	0.00	67.06	67.10	0.00	0.02	6,036.000	316.08
27.400	0.00	67.01	67.06	0.00	0.02	6,031.000	316.08
27.450	0.00	66.96	67.01	0.00	0.02	6,027.000	316.08
27.500	0.00	66.92	66.96	0.00	0.02	6,023.000	316.08
27.550	0.00	66.87	66.92	0.00	0.02	6,019.000	316.08
27.600	0.00	66.83	66.87	0.00	0.02	6,015.000	316.08
27.650	0.00	66.78	66.83	0.00	0.02	6,011.000	316.08
27.700	0.00	66.74	66.78	0.00	0.02	6,007.000	316.07
27.750	0.00	66.69	66.74	0.00	0.02	6,003.000	316.07
27.800	0.00	66.65	66.69	0.00	0.02	5,999.000	316.07
27.850	0.00	66.61	66.65	0.00	0.02	5,995.000	316.07
27.900	0.00	66.56	66.61	0.00	0.02	5,991.000	316.07
27.950	0.00	66.52	66.56	0.00	0.02	5,987.000	316.07
28.000	0.00	66.48	66.52	0.00	0.02	5,983.000	316.07
28.050	0.00	66.44	66.48	0.00	0.02	5,979.000	316.07
28.100	0.00	66.40	66.44	0.00	0.02	5,976.000	316.07
28.150	0.00	66.36	66.40	0.00	0.02	5,972.000	316.07

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
28.200	0.00	66.32	66.36	0.00	0.02	5,968.000	316.07
28.250	0.00	66.28	66.32	0.00	0.02	5,965.000	316.07
28.300	0.00	66.24	66.28	0.00	0.02	5,961.000	316.07
28.350	0.00	66.20	66.24	0.00	0.02	5,958.000	316.06
28.400	0.00	66.16	66.20	0.00	0.02	5,954.000	316.06
28.450	0.00	66.13	66.16	0.00	0.02	5,951.000	316.06
28.500	0.00	66.09	66.13	0.00	0.02	5,948.000	316.06
28.550	0.00	66.05	66.09	0.00	0.02	5,944.000	316.06
28.600	0.00	66.02	66.05	0.00	0.02	5,941.000	316.06
28.650	0.00	65.98	66.02	0.00	0.02	5,938.000	316.06
28.700	0.00	65.94	65.98	0.00	0.02	5,934.000	316.06
28.750	0.00	65.91	65.94	0.00	0.02	5,931.000	316.06
28.800	0.00	65.87	65.91	0.00	0.02	5,928.000	316.06
28.850	0.00	65.84	65.87	0.00	0.02	5,925.000	316.06
28.900	0.00	65.80	65.84	0.00	0.02	5,922.000	316.06
28.950	0.00	65.77	65.80	0.00	0.02	5,919.000	316.06
29.000	0.00	65.74	65.77	0.00	0.02	5,916.000	316.06
29.050	0.00	65.70	65.74	0.00	0.02	5,913.000	316.06
29.100	0.00	65.67	65.70	0.00	0.02	5,910.000	316.05
29.150	0.00	65.64	65.67	0.00	0.02	5,907.000	316.05
29.200	0.00	65.61	65.64	0.00	0.02	5,904.000	316.05
29.250	0.00	65.57	65.61	0.00	0.02	5,901.000	316.05
29.300	0.00	65.54	65.57	0.00	0.02	5,898.000	316.05
29.350	0.00	65.51	65.54	0.00	0.02	5,895.000	316.05
29.400	0.00	65.48	65.51	0.00	0.02	5,893.000	316.05
29.450	0.00	65.45	65.48	0.00	0.02	5,890.000	316.05
29.500	0.00	65.42	65.45	0.00	0.02	5,887.000	316.05
29.550	0.00	65.39	65.42	0.00	0.01	5,884.000	316.05
29.600	0.00	65.36	65.39	0.00	0.01	5,882.000	316.05
29.650	0.00	65.33	65.36	0.00	0.01	5,879.000	316.05
29.700	0.00	65.30	65.33	0.00	0.01	5,876.000	316.05
29.750	0.00	65.28	65.30	0.00	0.01	5,874.000	316.05
29.800	0.00	65.25	65.28	0.00	0.01	5,871.000	316.05
29.850	0.00	65.22	65.25	0.00	0.01	5,869.000	316.05
29.900	0.00	65.19	65.22	0.00	0.01	5,866.000	316.05
29.950	0.00	65.16	65.19	0.00	0.01	5,864.000	316.05
30.000	0.00	65.14	65.16	0.00	0.01	5,861.000	316.05
30.050	0.00	65.11	65.14	0.00	0.01	5,859.000	316.04
30.100	0.00	65.08	65.11	0.00	0.01	5,857.000	316.04
30.150	0.00	65.06	65.08	0.00	0.01	5,854.000	316.04
30.200	0.00	65.03	65.06	0.00	0.01	5,852.000	316.04
30.250	0.00	65.01	65.03	0.00	0.01	5,850.000	316.04

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
30.300	0.00	64.98	65.01	0.00	0.01	5,847.000	316.04
30.350	0.00	64.96	64.98	0.00	0.01	5,845.000	316.04
30.400	0.00	64.93	64.96	0.00	0.01	5,843.000	316.04
30.450	0.00	64.91	64.93	0.00	0.01	5,841.000	316.04
30.500	0.00	64.88	64.91	0.00	0.01	5,838.000	316.04
30.550	0.00	64.86	64.88	0.00	0.01	5,836.000	316.04
30.600	0.00	64.84	64.86	0.00	0.01	5,834.000	316.04
30.650	0.00	64.81	64.84	0.00	0.01	5,832.000	316.04
30.700	0.00	64.79	64.81	0.00	0.01	5,830.000	316.04
30.750	0.00	64.77	64.79	0.00	0.01	5,828.000	316.04
30.800	0.00	64.74	64.77	0.00	0.01	5,826.000	316.04
30.850	0.00	64.72	64.74	0.00	0.01	5,824.000	316.04
30.900	0.00	64.70	64.72	0.00	0.01	5,822.000	316.04
30.950	0.00	64.68	64.70	0.00	0.01	5,820.000	316.04
31.000	0.00	64.65	64.68	0.00	0.01	5,818.000	316.04
31.050	0.00	64.63	64.65	0.00	0.01	5,816.000	316.04
31.100	0.00	64.61	64.63	0.00	0.01	5,814.000	316.04
31.150	0.00	64.59	64.61	0.00	0.01	5,812.000	316.04
31.200	0.00	64.57	64.59	0.00	0.01	5,810.000	316.04
31.250	0.00	64.55	64.57	0.00	0.01	5,808.000	316.03
31.300	0.00	64.53	64.55	0.00	0.01	5,806.000	316.03
31.350	0.00	64.51	64.53	0.00	0.01	5,805.000	316.03
31.400	0.00	64.49	64.51	0.00	0.01	5,803.000	316.03
31.450	0.00	64.47	64.49	0.00	0.01	5,801.000	316.03
31.500	0.00	64.45	64.47	0.00	0.01	5,799.000	316.03
31.550	0.00	64.43	64.45	0.00	0.01	5,798.000	316.03
31.600	0.00	64.41	64.43	0.00	0.01	5,796.000	316.03
31.650	0.00	64.39	64.41	0.00	0.01	5,794.000	316.03
31.700	0.00	64.37	64.39	0.00	0.01	5,792.000	316.03
31.750	0.00	64.35	64.37	0.00	0.01	5,791.000	316.03
31.800	0.00	64.34	64.35	0.00	0.01	5,789.000	316.03
31.850	0.00	64.32	64.34	0.00	0.01	5,788.000	316.03
31.900	0.00	64.30	64.32	0.00	0.01	5,786.000	316.03
31.950	0.00	64.28	64.30	0.00	0.01	5,784.000	316.03
32.000	0.00	64.26	64.28	0.00	0.01	5,783.000	316.03
32.050	0.00	64.25	64.26	0.00	0.01	5,781.000	316.03
32.100	0.00	64.23	64.25	0.00	0.01	5,780.000	316.03
32.150	0.00	64.21	64.23	0.00	0.01	5,778.000	316.03
32.200	0.00	64.20	64.21	0.00	0.01	5,777.000	316.03
32.250	0.00	64.18	64.20	0.00	0.01	5,775.000	316.03
32.300	0.00	64.16	64.18	0.00	0.01	5,774.000	316.03
32.350	0.00	64.15	64.16	0.00	0.01	5,772.000	316.03

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
32.400	0.00	64.13	64.15	0.00	0.01	5,771.000	316.03
32.450	0.00	64.11	64.13	0.00	0.01	5,769.000	316.03
32.500	0.00	64.10	64.11	0.00	0.01	5,768.000	316.03
32.550	0.00	64.08	64.10	0.00	0.01	5,766.000	316.03
32.600	0.00	64.07	64.08	0.00	0.01	5,765.000	316.03
32.650	0.00	64.05	64.07	0.00	0.01	5,764.000	316.03
32.700	0.00	64.04	64.05	0.00	0.01	5,762.000	316.03
32.750	0.00	64.02	64.04	0.00	0.01	5,761.000	316.03
32.800	0.00	64.01	64.02	0.00	0.01	5,760.000	316.02
32.850	0.00	63.99	64.01	0.00	0.01	5,758.000	316.02
32.900	0.00	63.98	63.99	0.00	0.01	5,757.000	316.02
32.950	0.00	63.96	63.98	0.00	0.01	5,756.000	316.02
33.000	0.00	63.95	63.96	0.00	0.01	5,755.000	316.02
33.050	0.00	63.94	63.95	0.00	0.01	5,753.000	316.02
33.100	0.00	63.92	63.94	0.00	0.01	5,752.000	316.02
33.150	0.00	63.91	63.92	0.00	0.01	5,751.000	316.02
33.200	0.00	63.90	63.91	0.00	0.01	5,750.000	316.02
33.250	0.00	63.88	63.90	0.00	0.01	5,748.000	316.02
33.300	0.00	63.87	63.88	0.00	0.01	5,747.000	316.02
33.350	0.00	63.86	63.87	0.00	0.01	5,746.000	316.02
33.400	0.00	63.84	63.86	0.00	0.01	5,745.000	316.02
33.450	0.00	63.83	63.84	0.00	0.01	5,744.000	316.02
33.500	0.00	63.82	63.83	0.00	0.01	5,743.000	316.02
33.550	0.00	63.80	63.82	0.00	0.01	5,741.000	316.02
33.600	0.00	63.79	63.80	0.00	0.01	5,740.000	316.02
33.650	0.00	63.78	63.79	0.00	0.01	5,739.000	316.02
33.700	0.00	63.77	63.78	0.00	0.01	5,738.000	316.02
33.750	0.00	63.76	63.77	0.00	0.01	5,737.000	316.02
33.800	0.00	63.74	63.76	0.00	0.01	5,736.000	316.02
33.850	0.00	63.73	63.74	0.00	0.01	5,735.000	316.02
33.900	0.00	63.72	63.73	0.00	0.01	5,734.000	316.02
33.950	0.00	63.71	63.72	0.00	0.01	5,733.000	316.02
34.000	0.00	63.70	63.71	0.00	0.01	5,732.000	316.02
34.050	0.00	63.69	63.70	0.00	0.01	5,731.000	316.02
34.100	0.00	63.67	63.69	0.00	0.01	5,730.000	316.02
34.150	0.00	63.66	63.67	0.00	0.01	5,729.000	316.02
34.200	0.00	63.65	63.66	0.00	0.01	5,728.000	316.02
34.250	0.00	63.64	63.65	0.00	0.01	5,727.000	316.02
34.300	0.00	63.63	63.64	0.00	0.01	5,726.000	316.02
34.350	0.00	63.62	63.63	0.00	0.01	5,725.000	316.02
34.400	0.00	63.61	63.62	0.00	0.01	5,724.000	316.02
34.450	0.00	63.60	63.61	0.00	0.01	5,723.000	316.02

Proposed Hydrologic Calculations

Subsection: Pond Routing Calculations (Total Out) Return Event: 100 years
Label: Pond 1D (OUT) Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Pond Routing Calculations (Total Out)

Time (hours)	Flow (Total In) (ft³/s)	2S/t - O (ft³/s)	2S/t + O (ft³/s)	Infiltration (ft³/s)	Flow (Outlet) (ft³/s)	Volume (ft³)	Elevation (ft)
34.500	0.00	63.59	63.60	0.00	0.01	5,722.000	316.02
34.550	0.00	63.58	63.59	0.00	0.01	5,721.000	316.02
34.600	0.00	63.57	63.58	0.00	0.01	5,720.000	316.02
34.650	0.00	63.56	63.57	0.00	0.00	5,720.000	316.02
34.700	0.00	63.55	63.56	0.00	0.00	5,719.000	316.02
34.750	0.00	63.54	63.55	0.00	0.00	5,718.000	316.02
34.800	0.00	63.53	63.54	0.00	0.00	5,717.000	316.02
34.850	0.00	63.52	63.53	0.00	0.00	5,716.000	316.02
34.900	0.00	63.51	63.52	0.00	0.00	5,715.000	316.02
34.950	0.00	63.50	63.51	0.00	0.00	5,714.000	316.02
35.000	0.00	63.49	63.50	0.00	0.00	5,714.000	316.02

Subsection: Pond Inflow Summary Return Event: 1 years
Label: Pond 1D (IN) Storm Event: TypeIII 24hr (2.8 in)
Scenario: OSSINING-JMC - Synthetic Curve, 1 yrs

Summary for Hydrograph Addition at 'Pond 1D'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	PDA-1D

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	PDA-1D	5,526.166	12.100	1.57
Flow (In)	Pond 1D	5,526.166	12.100	1.57

Subsection: Pond Inflow Summary Return Event: 10 years
Label: Pond 1D (IN) Storm Event: TypeIII 24hr (5.1 in)
Scenario: OSSINING-JMC - Synthetic Curve, 10 yrs

Summary for Hydrograph Addition at 'Pond 1D'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	PDA-1D

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	PDA-1D	15,322.999	12.100	4.35
Flow (In)	Pond 1D	15,322.999	12.100	4.35

Proposed Hydrologic Calculations

Subsection: Pond Inflow Summary | Return Event: 100 years
Label: Pond 1D (IN) | Storm Event: TypeIII 24hr (9.3 in)
Scenario: OSSINING-JMC - Synthetic Curve, 100 yrs

Summary for Hydrograph Addition at 'Pond 1D'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	PDA-1D

Node Inflows

Inflow Type	Element	Volume (ft³)	Time to Peak (hours)	Flow (Peak) (ft³/s)
Flow (From)	PDA-1D	34,826.270	12.100	9.53
Flow (In)	Pond 1D	34,826.270	12.100	9.53

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Proposed Hydrologic Calculations

Proposed Hydrologic Calculations

Proposed Hydrologic Calculations

APPENDIX C

NYSDEC STORMWATER SIZING CALCULATIONS

WATER QUALITY VOLUME WORKSHEET
FOR REDEVELOPMENT PROJECTS

JMC Project:	**15064**
Design Point:	**1, 2, 3**

River Knoll	Drainage Area:	**1A, 1B, 1C, 1D, 2A, 3A**

Initial Water Quality Treatment Volume

DESCRIPTION	Design Storm	Area	Existing Impervious Area	New Impervious Area	Percent Impervious	Runoff Coefficient	Total Required WQ Volume
SYMBOL	P	A	I_E	I_N	%I	R_V	WQ_V
VALUE	1.5	17.28	2.83	5.92	50.61	0.505451311	**47,571**
UNITS	In	Ac	Ac	Ac	%	CF	CF
VALUE	Enhanced Phosphorus Removal (WQ_V = 1-yr Storm Runoff)						

Runoff Reduction Techniques (Area)

DESCRIPTION	Total Area	Impervious Area
SYMBOL	A	I
Conservation of Natural Areas		
Sheetflow to Riparian Buffers or Filter Strips		
Vegetated Swale		
Tree Planting / Tree Pit		
Disconnection of Rooftop Runoff		
Stream Daylighting		
TOTAL		
UNITS	Ac	Ac

Adjusted Water Quality Treatment Volume from Runoff Reduction Techniques

DESCRIPTION	Design Storm	Area	Adjusted Existing Impervious Area	New Impervious Area	Percent Impervious	Runoff Coefficient	Total Required WQ Volume
SYMBOL	P	A	I_{EA}	I_N	%I	R_V	WQ_V
VALUE	1.5	17.28	2.83	5.92	50.61	0.505451311	**47,571**
UNITS	In	Ac	Ac	Ac	%	CF	CF
VALUE	Enhanced Phosphorus Removal (WQ_V = 1-yr Storm Runoff)						

Net Water Quality Treatment Volume for Standard Practices (25% I_E + 100% I_N)

DESCRIPTION	Design Storm	Area	Existing Impervious Area	New Impervious Area	Percent Impervious	Runoff Coefficient	Total Required WQ Volume
SYMBOL	P	A	I_E	I_N	%I	R_V	WQ_V
VALUE	1.5	17.28	0.71	5.92	38.34	0.395062715	**37,182**
UNITS	In	Ac	Ac	Ac	%	CF	CF

Date Printed: 8/10/2021

RUNOFF REDUCTION VOLUME WORKSHEET

JMC Project:	**15064**
Design Point:	**1**

River Knoll	Drainage Area:	**PDA-1**

Total Water Quality Treatment Volume

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Initial Water Quality Volume	WQ_V	**47,571**	CF
Adjusted Water Quality Volume	WQ_V	**37,182**	CF

Minimum Runoff Reduction Volume

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Design Storm [90% Rainfall Event Number] **or** [1-yr Storm Depth]	P	1.5	In
Total Area of *new* Impervious Cover	Aic	5.92	Ac
Hydrologic Soil Group (HSG) Specific Reduction Factor	S	0.40	
Runoff Coefficient [0.05 + 0.009 x %I]	R_V	0.95	CF
Impervious Cover targeted for Runoff Reduction [S x Aic]	Ai	2.37	Ac
TOTAL VOLUME Required [RR_V = (P x R_V x Ai) / 12]	RR_V	**12,250**	CF

Runoff Reduction Techniques (Volume)

GREEN INFRASTRUCTURE PRACTICE / SMP	*SYMBOL*	*VALUE*	*UNITS*
INFILTRATION BASIN 1A	RR_V	20,335	CF
INFILTRATION BASIN 1B	RR_V	22,973	CF
	RR_V		CF
	RR_V		CF
	RR_V		CF
	RR_V		CF
	RR_V		CF
	RR_V		CF
	RR_V		CF
	RR_V		CF
	RR_V		CF
TOTAL	RR_V	**43,308**	CF

Runoff Reduction

Is Total RR_V > Adjusted WQ_V?	**YES**
Is Total RR_V > Minimum RR_V?	**YES**

Date Printed: 8/10/2021

PROPRIETARY PRACTICE WORKSHEET

JMC Project:	**15064**
Design Point:	**1**
Drainage Area:	**1A**

Cascade Pretreatment Unit (WQS-A-2)

Rainfall Distribution Type:	**III**

		A	B	C
Coefficients for the equation unit peak [$R = I_a / P$] [$C_i = A \times R^2 + B \times R + C$]	C_0	-1.774	0.3301	2.4577
	C_1	1.8622	-0.7397	-0.4627
	C_2	-0.0648	0.2276	-0.1932

Site Data for Drainage Area to be Treated by Practice

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Design Storm [90% Rainfall Event Number]	P	1.5	In
Impervious Area	I	2.18	Ac
Area	A	4.34	Ac
Percent Impervious	%I	50.25	%
Runoff Coefficient [0.05 + 0.009 x %I]	R_V	0.50	CF
TOTAL VOLUME Required [$WQ_V = (P \times R_V \times A) / 12$]	WQ_V	**11,879**	CF

Water Quality Peak Flow Calculation

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Water Quality Volume	WQ_V	11,879	CF
Design Storm [90% Rainfall Event Number] **or** [1-yr Storm Depth]	P	1.5	In
Time of Concentration	t_c	0.0833	Hr
Runoff Volume [$Q = WQ_V / (A \times 3630)$]	Q	0.75	In
Curve Number [$CN = 1000 / (10 + 5P + 10Q - 10 \times (Q^2 + 1.25\ QP)^{1/2})$]	CN	91.23	
Curve Number	CN	91	
Initial Abstraction [$I_a = 200 / CN - 2$]	I_a	0.19	In
Ratio [$R = I_a / P$]	R	0.13	
$C_0 = A \times R^2 + B \times R + C$	C_0	2.47	
$C_1 = A \times R2 + B \times R + C$	C_1	-0.53	
$C_2 = A \times R2 + B \times R + C$	C_2	-0.17	
Unit Peak Discharge	q_u	703.50	$cfs/mi^2/in$
Peak Discharge [$Q_p = q_u \times A \times Q / 640$]	Q_p	**3.60**	cfs

Proposed Device

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Water Quality Peak Flow Provided	Q_p	**7.3**	cfs
Water Quality Volume Provided [$WQ_V = 640 \times 3600 \times Q_P / q_u$]	WQ_V	**23,744**	CF
Model Designation		CS-6	
Quantity			

Date Printed: 8/10/2021

PROPRIETARY PRACTICE WORKSHEET

JMC Project:	**15064**
Design Point:	**1**
Drainage Area:	**1A**

Cascade Pretreatment Unit (WQS-A-1-2)

Rainfall Distribution Type:	**III**

		A	B	C
Coefficients for the equation unit peak [$R = I_a / P$] [$C_i = A \times R^2 + B \times R + C$]	C_0	-1.774	0.3301	2.4577
	C_1	1.8622	-0.7397	-0.4627
	C_2	-0.0648	0.2276	-0.1932

Site Data for Drainage Area to be Treated by Practice

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Design Storm [90% Rainfall Event Number]	P	1.5	In
Impervious Area	I	0.09	Ac
Area	A	0.97	Ac
Percent Impervious	%I	9.46	%
Runoff Coefficient [$0.05 + 0.009 \times \%I$]	R_V	0.14	CF
TOTAL VOLUME Required [$WQ_V = (P \times R_V \times A) / 12$]	WQ_V	**713**	CF

Water Quality Peak Flow Calculation

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Water Quality Volume	WQ_V	713	CF
Design Storm [90% Rainfall Event Number] **or** [1-yr Storm Depth]	P	1.5	In
Time of Concentration	t_c	0.0833	Hr
Runoff Volume [$Q = WQ_V / (A \times 3630)$]	Q	0.20	In
Curve Number [$CN = 1000 / (10 + 5P + 10Q - 10 \times (Q^2 + 1.25\ QP)^{½}$]	CN	76.71	
Curve Number	CN	77	
Initial Abstraction [$I_a = 200 / CN - 2$]	I_a	0.61	In
Ratio [$R = I_a / P$]	R	0.40	
$C_0 = A \times R^2 + B \times R + C$	C_0	2.30	
$C_1 = A \times R2 + B \times R + C$	C_1	-0.46	
$C_2 = A \times R2 + B \times R + C$	C_2	-0.11	
Unit Peak Discharge	q_u	460.80	$cfs/mi^2/in$
Peak Discharge [$Q_p = q_u \times A \times Q / 640$]	Q_p	**0.14**	cfs

Proposed Device

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Water Quality Peak Flow Provided	Q_p	**1.0**	cfs
Water Quality Volume Provided [$WQ_V = 640 \times 3600 \times Q_P / q_u$]	WQ_V	**5,100**	CF
Model Designation		CS-3	
Quantity			

Date Printed: 8/10/2021

PROPRIETARY PRACTICE WORKSHEET

JMC Project:	**15064**
Design Point:	**1**
Drainage Area:	**1B**

Cascade Pretreatment Unit (WQS-B-2)

Rainfall Distribution Type:	**III**

		A	B	C
Coefficients for the equation unit peak [$R = I_a / P$] [$C_i = A \times R^2 + B \times R + C$]	C_0	-1.774	0.3301	2.4577
	C_1	1.8622	-0.7397	-0.4627
	C_2	-0.0648	0.2276	-0.1932

Site Data for Drainage Area to be Treated by Practice

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Design Storm [90% Rainfall Event Number]	P	1.5	In
Impervious Area	I	2.68	Ac
Area	A	4.92	Ac
Percent Impervious	%I	54.50	%
Runoff Coefficient [$0.05 + 0.009 \times \%I$]	R_V	0.54	CF
TOTAL VOLUME Required [$WQ_V = (P \times R_V \times A) / 12$]	WQ_V	**14,477**	CF

Water Quality Peak Flow Calculation

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Water Quality Volume	WQ_V	14,477	CF
Design Storm [90% Rainfall Event Number] **or** [1-yr Storm Depth]	P	1.5	In
Time of Concentration	t_c	0.0833	Hr
Runoff Volume [$Q = WQ_V / (A \times 3630)$]	Q	0.81	In
Curve Number [$CN = 1000 / (10 + 5P + 10Q - 10 \times (Q^2 + 1.25\ QP)^{1/2})$]	CN	92.15	
Curve Number	CN	92	
Initial Abstraction [$I_a = 200 / CN - 2$]	I_a	0.17	In
Ratio [$R = I_a / P$]	R	0.11	
$C_0 = A \times R^2 + B \times R + C$	C_0	2.47	
$C_1 = A \times R2 + B \times R + C$	C_1	-0.52	
$C_2 = A \times R2 + B \times R + C$	C_2	-0.17	
Unit Peak Discharge	q_u	692.60	$cfs/mi^2/in$
Peak Discharge [$Q_p = q_u \times A \times Q / 640$]	Q_p	**4.32**	cfs

Proposed Device

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Water Quality Peak Flow Provided	Q_p	**7.3**	cfs
Water Quality Volume Provided [$WQ_V = 640 \times 3600 \times Q_P / q_u$]	WQ_V	**24,118**	CF
Model Designation		CS-6	
Quantity			

Date Printed: 8/10/2021

PROPRIETARY PRACTICE WORKSHEET

JMC Project:	**15064**
Design Point:	**1**
Drainage Area:	**1D**

Cascade Separator Unit

Rainfall Distribution Type:	**III**

		A	B	C
Coefficients for the equation unit peak [$R = I_a / P$] [$C_i = A \times R^2 + B \times R + C$]	C_0	-1.774	0.3301	2.4577
	C_1	1.8622	-0.7397	-0.4627
	C_2	-0.0648	0.2276	-0.1932

Site Data for Drainage Area to be Treated by Practice

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Design Storm [90% Rainfall Event Number]	P	1.5	In
Impervious Area	I	0.42	Ac
Area	A	0.66	Ac
Percent Impervious	%I	64.62	%
Runoff Coefficient [0.05 + 0.009 x %I]	R_V	0.63	CF
TOTAL VOLUME Required [$WQ_V = (P \times R_V \times A) / 12$]	WQ_V	**2,257**	CF

Water Quality Peak Flow Calculation

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Water Quality Volume	WQ_V	2,257	CF
Design Storm [90% Rainfall Event Number] **or** [1-yr Storm Depth]	P	1.5	In
Time of Concentration	t_c	0.0833	Hr
Runoff Volume [$Q = WQ_V / (A \times 3630)$]	Q	0.95	In
Curve Number [$CN = 1000 / (10 + 5P + 10Q - 10 \times (Q^2 + 1.25\ QP)^{½}$]	CN	94.15	
Curve Number	CN	94	
Initial Abstraction [$I_a = 200 / CN - 2$]	I_a	0.12	In
Ratio [$R = I_a / P$]	R	0.08	
$C_0 = A \times R^2 + B \times R + C$	C_0	2.47	
$C_1 = A \times R2 + B \times R + C$	C_1	-0.51	
$C_2 = A \times R2 + B \times R + C$	C_2	-0.17	
Unit Peak Discharge	q_u	662.28	$cfs/mi^2/in$
Peak Discharge [$Q_p = q_u \times A \times Q / 640$]	Q_p	**0.64**	cfs

Proposed Device

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Water Quality Peak Flow Provided	Q_p	**1.0**	cfs
Water Quality Volume Provided [$WQ_V = 640 \times 3600 \times Q_P / q_u$]	WQ_V	**3,548**	CF
Model Designation		CS-3	
Quantity			

Date Printed: 8/10/2021

PROPRIETARY PRACTICE WORKSHEET

JMC Project:	**15064**
Design Point:	**2**
Drainage Area:	**2A**

Cascade Separator Unit

Rainfall Distribution Type:	**III**

		A	B	C
Coefficients for the equation unit peak [$R = I_a / P$] [$C_i = A \times R^2 + B \times R + C$]	C_0	-1.774	0.3301	2.4577
	C_1	1.8622	-0.7397	-0.4627
	C_2	-0.0648	0.2276	-0.1932

Site Data for Drainage Area to be Treated by Practice

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Design Storm [90% Rainfall Event Number]	P	1.5	In
Impervious Area	I	0.35	Ac
Area	A	0.76	Ac
Percent Impervious	%I	45.90	%
Runoff Coefficient [$0.05 + 0.009 \times \%I$]	R_V	0.46	CF
TOTAL VOLUME Required [$WQ_V = (P \times R_V \times A) / 12$]	WQ_V	**1,905**	CF

Water Quality Peak Flow Calculation

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Water Quality Volume	WQ_V	1,905	CF
Design Storm [90% Rainfall Event Number] **or** [1-yr Storm Depth]	P	1.5	In
Time of Concentration	t_c	0.0833	Hr
Runoff Volume [$Q = WQ_V / (A \times 3630)$]	Q	0.69	In
Curve Number [$CN = 1000 / (10 + 5P + 10Q - 10 \times (Q^2 + 1.25\ QP)^{1/2})$]	CN	90.20	
Curve Number	CN	90	
Initial Abstraction [$I_a = 200 / CN - 2$]	I_a	0.22	In
Ratio [$R = I_a / P$]	R	0.14	
$C_0 = A \times R^2 + B \times R + C$	C_0	2.47	
$C_1 = A \times R2 + B \times R + C$	C_1	-0.53	
$C_2 = A \times R2 + B \times R + C$	C_2	-0.16	
Unit Peak Discharge	q_u	712.68	$cfs/mi^2/in$
Peak Discharge [$Q_p = q_u \times A \times Q / 640$]	Q_p	**0.58**	cfs

Proposed Device

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Water Quality Peak Flow Provided	Q_p	**1.0**	cfs
Water Quality Volume Provided [$WQ_V = 640 \times 3600 \times Q_P / q_u$]	WQ_V	**3,298**	CF
Model Designation		CS-3	
Quantity			

Date Printed: 8/10/2021

PROPRIETARY PRACTICE WORKSHEET

JMC Project:	**15064**
Design Point:	**2**
Drainage Area:	**2A**

Cascade Separator Unit WQS E-2

Rainfall Distribution Type:	**III**

		A	B	C
Coefficients for the equation unit peak [$R = I_a / P$] [$C_i = A \times R^2 + B \times R + C$]	C_0	-1.774	0.3301	2.4577
	C_1	1.8622	-0.7397	-0.4627
	C_2	-0.0648	0.2276	-0.1932

Site Data for Drainage Area to be Treated by Practice

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Design Storm [90% Rainfall Event Number]	P	1.5	In
Impervious Area	I	0.07	Ac
Area	A	0.38	Ac
Percent Impervious	%I	17.91	%
Runoff Coefficient [$0.05 + 0.009 \times \%I$]	R_V	0.21	CF
TOTAL VOLUME Required [$WQ_V = (P \times R_V \times A) / 12$]	WQ_V	**436**	CF

Water Quality Peak Flow Calculation

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Water Quality Volume	WQ_V	436	CF
Design Storm [90% Rainfall Event Number] **or** [1-yr Storm Depth]	P	1.5	In
Time of Concentration	t_c	0.0833	Hr
Runoff Volume [$Q = WQ_V / (A \times 3630)$]	Q	0.32	In
Curve Number [$CN = 1000 / (10 + 5P + 10Q - 10 \times (Q^2 + 1.25\ QP)^{½}$]	CN	81.07	
Curve Number	CN	81	
Initial Abstraction [$I_a = 200 / CN - 2$]	I_a	0.47	In
Ratio [$R = I_a / P$]	R	0.31	
$C_0 = A \times R^2 + B \times R + C$	C_0	2.39	
$C_1 = A \times R2 + B \times R + C$	C_1	-0.51	
$C_2 = A \times R2 + B \times R + C$	C_2	-0.13	
Unit Peak Discharge	q_u	619.09	$cfs/mi^2/in$
Peak Discharge [$Q_p = q_u \times A \times Q / 640$]	Q_p	**0.12**	cfs

Proposed Device

DESCRIPTION	*SYMBOL*	*VALUE*	*UNITS*
Water Quality Peak Flow Provided	Q_p	**1.0**	cfs
Water Quality Volume Provided [$WQ_V = 640 \times 3600 \times Q_P / q_u$]	WQ_V	**3,796**	CF
Model Designation		CS-3	
Quantity			

Date Printed: 8/18/2021

APPENDIX D

REPORT ON SUBSURFACE SOIL AND FOUNDATION INVESTIGATION

CARLIN • SIMPSON & ASSOCIATES

Consulting Engineers
Geotechnical & Environmental

MEMO

DATE: **14 December 2016**

TO: **Mr. Brian Darcy, EIT**
JMC

FROM: **Robert B. Simpson, P.E.**
Meredith R. Anke, P.E

RE: **Proposed River Knoll Development**
40 Croton Dam Road
Ossining, New York

JOB NO: **16-207**

In accordance with our proposal dated 7 November 2016, we have performed a Subsurface Soil and Foundation Investigation at the referenced site. The following is a summary of the preliminary geotechnical design recommendations for the proposed stormwater management areas. The recommendations below are considered preliminary in nature and are intended to give guidance in the planning and designing of the new stormwater management system.

We understand that the planned construction will include four (4) new stormwater detention basins. We have been provided with a plan showing the locations of the new basins. During this study, 14 borings (PT-1 through PT-12) and two (2) probes (P-1 and P-2) were performed in the proposed stormwater management areas at the referenced site. The borings and probes were performed at the locations shown on the attached Boring Location Plan. In addition, we inspected two (2) existing monitoring wells (MW-1 and MW-2) that were found in the proposed stormwater management areas on the site. The well locations are also shown on the attached Boring Location Plan. The boring and probe observations are summarized in the following table.

Preliminary Boring and Probe Observations

Boring or Probe No.	Approximate Ground Surface Elevation	Observed Depth to Groundwater (Elevation)	Seasonal High Groundwater Elevation	Depth to Bottom of Existing Fill (Elevation)	Observed Depth to Bedrock (Elevation)
Northwest Basin					
PT-1	+363.5	NE to 11’0”	+355.0	NE	9’0” (+354.5)
PT-2	+363.5	NE to 9’6”	+355.0	NE	9’6” (+354.0)
PT-2A	+363.5	NE to 9’6”	+355.0	NE	9’6” (+354.0)
PT-9	+365.0	NE to 12’0”	+355.0	NE	NE to 12’0”
PT-10	+366.0	NE to 10’0”	+355.0	NE	10’0” (+354.0)
Central West Basin					
PT-3	+339.0	3’0” (+336.0)	+337.0	2’0” (+337.0)	NE to 9’0”
PT-4	+339.0	3’0” (+336.0)	+337.0	2’0” (+337.0)	10’6” (+328.5)
PT-11	+345.0	7’0” (+338.0)	+340.0	NE	8’6” (+336.5)
PT-12	+348.5	NE to 11’0”	+340.0	NE	11’0” (+337.5)

Boring or Probe No.	Approximate Ground Surface Elevation	Observed Depth to Groundwater (Elevation)	Seasonal High Groundwater Elevation	Depth to Bottom of Existing Fill (Elevation)	Observed Depth to Bedrock (Elevation)
Southwest Basin					
PT-5	+317.0	5’6” (+311.5)	+312.0	4’0” (+313.0)	NE to 17’0”
PT-6	+315.0	5’0” (+310.0)	+312.0	5’0” (+310.0)	NE to 12’0”
Southeast Basin					
PT-7	+307.0	NE to 5’0”	--	2’6” (+304.5)	NE to 5’0”
PT-7A	+305.0	9’0” (+296.0)	+299.5	3’0” (+302.0)	NE to 9’0”
PT-8	+305.0	10’0” (+295.0)	+298.0	4’0” (+301.0)	NE to 17’0”
P-1	+307.0	12’6” (+294.5)	+298.0	NR	NE to 15’0”
P-2	+309.0	14’0” (+295.0)	+298.0	NR	NE to 15’0”

NE- Not Encountered NR – Not Recorded

Soil Conditions

1. **Topsoil** – The surface layer in each of the borings, except for PT-7, PT-7A, and PT-8, consists of topsoil, which varies from approximately 0’4” to 0’9” in thickness.

2. **Asphalt** – At the surface in borings PT-7, PT-7A, and PT-8 is asphalt pavement that is approximately 0’2” in thickness.

3. **Existing Fill** – Below the surface layer in borings PT-3 through PT-8 is existing fill that consists of loose to medium dense brown or dark brown coarse to fine SAND, some (to and) Silt, trace (to little) coarse to fine Gravel. Some topsoil and bricks were encountered within the fill at select boring locations. The fill layer continued to depths ranging from 2’0” to 5’0” below the existing ground surface at the boring locations.

4. **Silty Sand with Gravel –** Underlying the surface layers and existing fill in each of the borings are layers of brown, gray, or red brown coarse to fine SAND, little (to and) Silt, trace (to and) coarse to fine Gravel. Ten of the borings were terminated in this stratum at final depths ranging from 5’0” to 17’0” below the ground surface. In the remaining locations, this layer extended to depths ranging from 8’6” to 11’0” beneath the existing ground surface.

5. **Weathered Bedrock** – Borings PT-2, PT-4, PT-10, and PT-12 were terminated at auger refusal on the probable bedrock surface at final depths ranging from 8’6” to 11’0” below the existing ground surface.

Groundwater

- Groundwater was encountered in seven (7) borings and two (2) probes at depths ranging from 3’0” to 14’0” below the existing ground surface. These depths correlate with water levels ranging from approximately elevation +294.5 to elevation +338.0.

- The seasonal high groundwater level was encountered between elevation +298.0 and elevation +355.0 as indicated in the table above.

- The groundwater observations from this study are summarized in the table above.

- We also inspected two (2) existing monitoring wells (MW-1 and MW-2) that were found in the proposed stormwater management areas on the site. The well observations are summarized in the following table.

Monitoring Well Observations

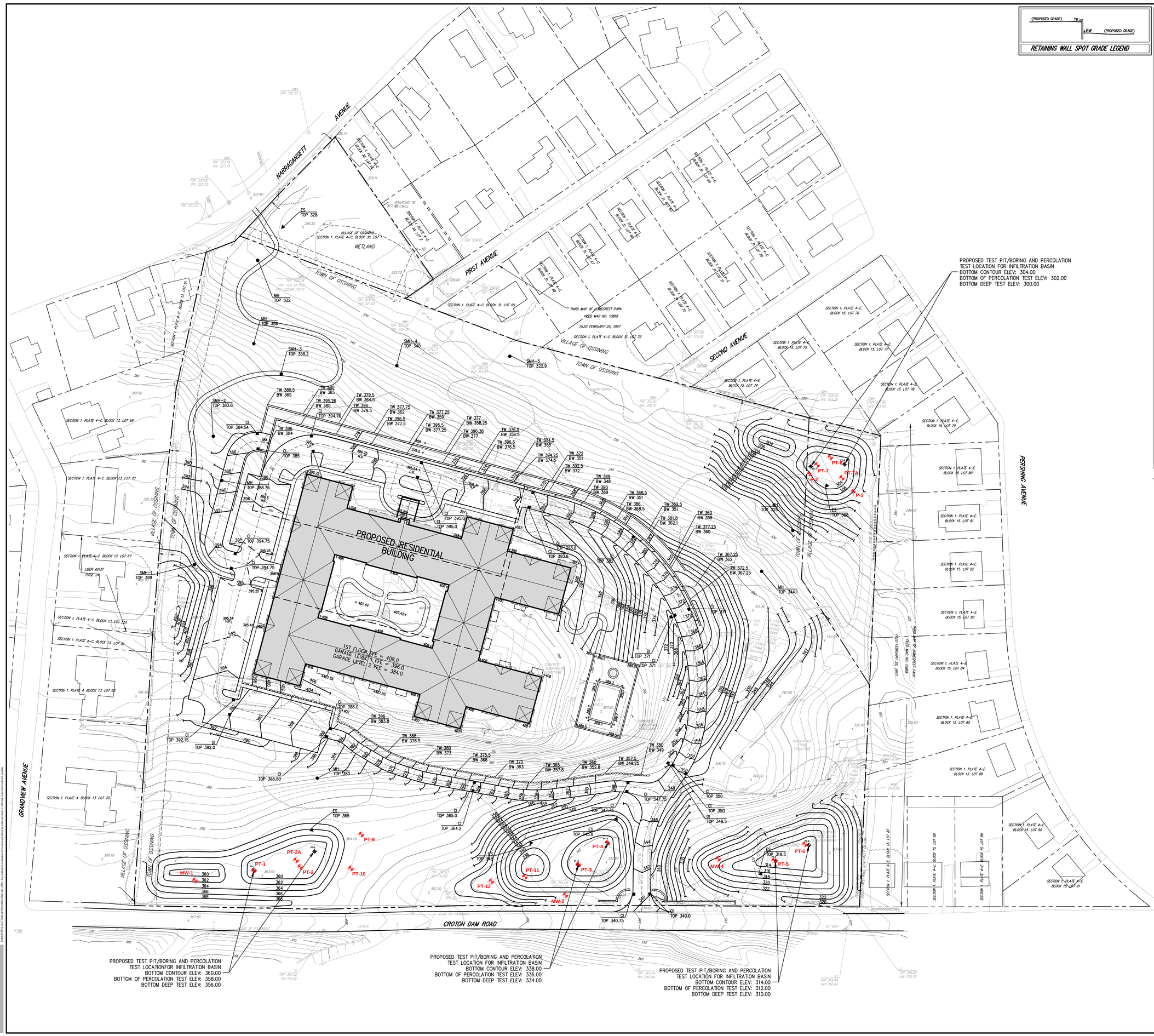
Monitoring Well No.	Approximate Ground Surface Elevation	Depth to Groundwater (Elevation)	Depth to Bottom of Well (Elevation)
MW-1	+363.0	7’6” (+355.5)	7’6” (+355.5)
MW-2	+343.0	5’0” (+338.0)	6’2” (+336.8)

Permeability Test Results

- During this investigation, borehole permeability tests were performed at nine (9) of the boring locations at elevations indicated by JMC. The test results are summarized in the following table.

Borehole Permeability Test Results

Boring No.	Basin Location	Test Depth (Elevation)	Permeability Rate
Northwest Basin			
PT-1	Northwest	5’6” (+358.0)	2.4 in/hr
PT-2	Northwest	5’6” (+358.0)	12.2 in/hr
PT-2A	Northwest	3’6” (+360.0)	3.6 in/hr
PT-9	Northwest	5’0” (+360.0)	2.5 in/hr
PT-10	Northwest	4’0” (+360.0)	4.3 in/hr
Central West Basin			
PT-3	Central West	2’0” (+337.0)	0.0 in/hr
PT-11	Central West	3’0” (+342.0)	4.1 in/hr
Southeast Basin			
PT-7A	Southeast	4’6” (+301.5)	0.0 in/hr
PT-8	Southeast	4’0” (+301.0)	0.0 in/hr



RETAINING WALL SPOT GRADE LEGEND

(PROPOSED GRADE) TW 44 / BW (PROPOSED GRADE)

LEGEND

- EXISTING PROPERTY LINE
- ADJACENT PROPERTY LINE
- EXISTING EASEMENT LINE
- EXISTING WETLAND LINE AND DELINEATION
- EXISTING BUILDING OVERHANG
- EXISTING BUILDING LINE
- EXISTING PAVEMENT EDGE
- EXISTING CURB LINE
- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- EXISTING STONE WALL
- EXISTING RETAINING WALL
- EXISTING GUIDE RAIL
- EXISTING FENCE
- EXISTING DRAIN INLET
- EXISTING MANHOLE
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING SIGN
- PROPOSED BUILDING LINE
- PROPOSED CONCRETE CURB
- PROPOSED CONCRETE SIDEWALK
- PROPOSED DROP CURB AND RAMP
- PROPOSED FINISHED GRADE
- PROPOSED SPOT GRADE
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED TYPE CI DRAIN INLET
- PROPOSED TYPE DI DRAIN INLET
- PROPOSED TRENCH DRAIN
- PROPOSED RIP-RAP SUMP
- PROPOSED HEADWALL
- PROPOSED UNDERGROUND ROOF RUNOFF STORAGE TANK
- PROPOSED WATER QUALITY STRUCTURE
- PROPOSED SUBSURFACE DRAINAGE OUTLET CONTROL STRUCTURE
- PROPOSED OUTLET CONTROL STRUCTURE
- PROPOSED CLEANOUT
- PROPOSED HYDRANT
- PROPOSED RETAINING WALL (DESIGN BY OTHERS)
- PROPOSED DOUBLE ARM LIGHTING STANDARD (DESIGN BY OTHERS)
- PROPOSED SINGLE ARM LIGHTING STANDARD (DESIGN BY OTHERS)
- BORING LOCATION AND DESIGNATION
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED DITCH OR SWALE
- PROPOSED RIP-RAP
- EXISTING FEATURE TO BE REMOVED

NOTES:

1. EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY TITLED, "TOPOGRAPHY OF PROPERTY PREPARED FOR HOVNANIAN ENTERPRICES, INC." PREPARED BY THOMAS C. MERRITTS LAND SURVEYORS, P.C., DATED 02/27/2006.

No.	Revision	Date	By

Previous Editions Obsolete

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BRONXVILLE, NY 10708

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MINNO WASKO
80 LAMBERT LANE
LAMBERTVILLE, NEW JERSEY 08530

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GRADING PLAN

RIVER KNOLL
40 CROTON DAM ROAD
TOWN OF OSSINING, NEW YORK

ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.

PROGRESS PLOTTING

Drawing: 15064-GRAD
Date: 2016-11-22
Time: 2:37 PM
By: PD

Drawn:	JSJ	Approved:	AG
Scale:	1" = 40'		
Date:	10/02/2015		
Project No:	15064		
15064-GRAD	GRAD	GRAD.scr	

Drawing No:
SP–2

BORING LOCATION PLAN
CSA 16-207 12.14.16

NOT FOR CONSTRUCTION

APPENDIX E

TEMPORARY EROSION AND SEDIMENT CONTROL AND PERMANENT STORMWATER MANAGEMENT PRACTICE INSPECTION AND MAINTENANCE CHECKLISTS

JMC Project 15064
River Knoll
40 Croton Dam Road
Ossining, NY

Temporary Erosion and Sediment Control Inspection and Maintenance Checklist

Erosion and Sediment Control Measure	Inspection/Maintenance Intervals	Inspection/Maintenance Requirements
Stabilized Construction Entrance	Daily	• Periodic top dressing with additional aggregate as required • Clean sediment in public right-of-ways immediately
Silt Fence	Weekly + After Each Rain	• Remove & redistribute sediment when bulges develop in the silt fence.
Inlet Protection	Weekly + After Each Rain	• Refer to Figures A5.11, A5.12, A5.13 & A5.14 within the NYSDEC New York State Standard and Specifications for Erosion and Sediment Control
Stone Check Dam	Weekly + After Each Rain	• Correct all damage immediately. • Notify design engineer if significant erosion has occurred between structures as a liner of stone or other suitable material maybe required in this section of the channel. • Remove sediment accumulated behind the dam as needed to allow the channel to drain through the stone check dam and prevent large flows from carrying sediment over the dam. • Replace stones as needed to maintain the design cross section of the structures.

JMC Project 15064
River Knoll
40 Croton Dam Road
Ossining, NY

Permanent Stormwater Management Practice Inspection and Maintenance Checklist

Stormwater Management Practice	Inspection/Maintenance Intervals	Inspection/Maintenance Requirements
Vegetated Swale/Open Channel/Level Spreader	Monthly	• Check that contributing area is clean of debris. • Confirm vegetation is adequately maintained (mowing, fertilizer, etc.) • Check for rilling/erosion and repair as needed. • Confirm dewatering occurs between storms.
Rip-Rap Apron/Energy Dissipator and Check Dams	Annually + After Major Storms	• Check for evidence of flows going around the structure. • Check for evidence at downstream toe and repair as needed. • Clean sediment and install additional aggregate as necessary.
Stormwater Management Basin	Monthly	• Check Permanent Pool for undesirable vegetative growth and floatings or floatable debris. Remove as needed. • Check Forebays for sediment and cleanout when it depth <50% design depth. • Check Dry Pond areas for adequate vegetation, undesirable vegetative growth, low flow channels are clear of obstructions, standing water or wet spots and sediment and/or trash accumulation. Repair/remove as necessary.

Permanent Stormwater Management Practice Inspection and Maintenance Checklist (Cont'd)

Stormwater Management Practice	Inspection/Maintenance Intervals	Inspection/Maintenance Requirements
Stormwater Management Basin	Annually + After Major Storms	• Check adequacy of vegetation and ground cover; for evidence of embankment erosion, animal burrows, unauthorized plantings and cracking, bulging or sliding of dam, clear/properly functioning drains, seeps/leaks on downstream face, failure of slope protection or riprap. Repair/remove as necessary. • Confirm emergency spillway is clear of obstructions and debris. • Confirm all inlets and outlet structures/pipes are operating properly.
Drain Inlets	Monthly	• Check for blockage and/or erosion at top of each inlet. Repair/remove as necessary. • Check for sediment and debris collected within sumps and clean out as necessary.
CDS Water Quality Structure	(See Manufacturer's Maintenance)	• Open access cover for visual inspection and measure the distance from the standing water surface to the sediment pile with a measuring stick or tape. If less than 4 feet, insert hose from vacuum truck into the sump and screen through both access covers

		to clean out the standing water, layer of oil, sediment, trash, etc. • The screen must be powerwashed to ensure it is free of trash and debris.

The owner/operator responsible for inspection and maintenance as outlined above:

Glenco Group LLC
Glen Vetromile
670 White Plains Road
Scarsdale, NY 10583
Phone: (914) 472-4521
Fax: (646) 473-1034
Email: glen@glencogroupny.com

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APPENDIX F

STORMWATER MANAGEMENT PRACTICE CONSTRUCTION CHECKLISTS

Infiltration Basin Construction Inspection Checklist

Project:
Location:
Site Status:

Date:

Time:

Inspector:

CONSTRUCTION SEQUENCE	SATISFACTORY/ UNSATISFACTORY	COMMENTS
1. Pre-Construction		
Runoff diverted		
Soil permeability tested		
Groundwater / bedrock depth		
2. Excavation		
Size and location		
Side slopes stable		
Excavation does not compact subsoils		
3. Embankment		
Barrel		
Anti-seep collar or Filter diaphragm		
Fill material		

CONSTRUCTION SEQUENCE	SATISFACTORY/ UNSATISFACTORY	COMMENTS
4. Final Excavation		
Drainage area stabilized		
Sediment removed from facility		
Basin floor tilled		
Facility stabilized		
5. Final Inspection		
Pretreatment facility in place		
Inlets / outlets		
Contributing watershed stabilized before flow is routed to the factility		

Comments:

Actions to be Taken:

APPENDIX G

CONTRACTORS CERTIFICATION

JMC Project 15064
River Knoll
40 Croton Dam Road
Town of Ossining, NY

CONTRACTOR'S CERTIFICATION

"I hereby certify that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the qualified inspector during a site inspection. I also understand that the owner or operator must comply with the terms and conditions of the most current version of the New York State Pollutant Discharge Elimination System ("SPDES") general permit for stormwater discharges from construction activities and that it is unlawful for any person to cause or contribute to a violation of water quality standards. Furthermore, I am aware there are significant penalties for submitting false information that I do not believe to be true, including the possibility of time and imprisonment for knowing violations."

Company Name: _____

Address: _____

Telephone Number: _____

Name and Title: _____

Signature: _____Date: _____

Permit Identification No.:_____

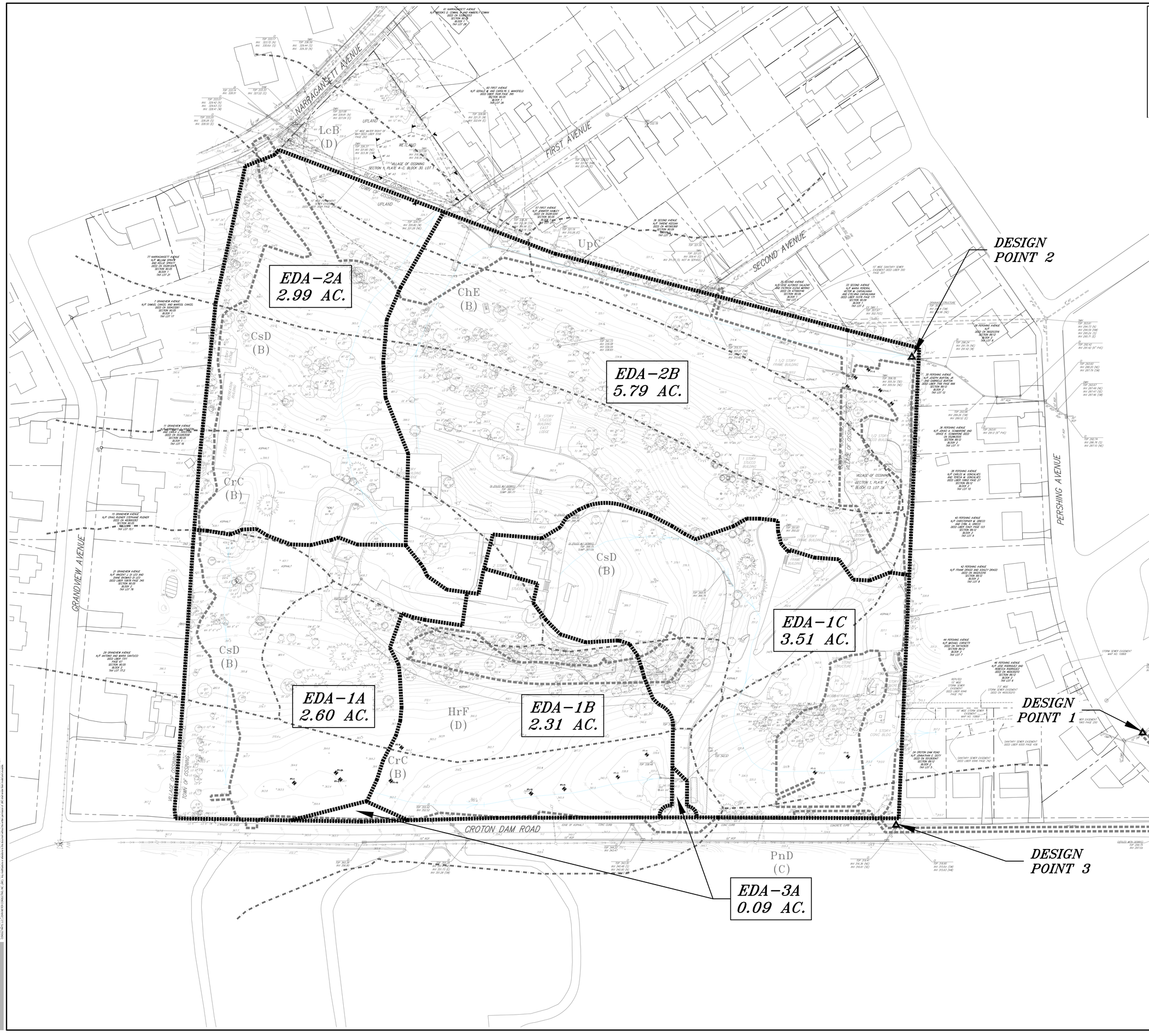
Name and Title of Trained Contractor:_____

Elements of the SWPPP Contractor is responsible for:_____

s:\swmr template\support docs\nys contractors certification.docx

APPENDIX H

DRAWINGS



EXISTING DRAINAGE LEGEND

- EXISTING GRADE
- EXISTING STONE WALL
- WATERSHED BOUNDARY LINE
- LIMIT OF SOIL GROUPS LINE
- FLOW PATH LINE
- HrF (D) — SOIL DESIGNATION AND HYDROLOGIC SOIL GROUP

No.	Revision	Date	By
1	SBES SUBMISSION FOR COMPLETENESS	09/27/2021	BMS

Previous Editions Obsolete

APPLICANT/OWNER:
HUDSON PARK GROUP LLC
100 BROOKFILED ROAD
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EXISTING DRAINAGE AREA MAP

RIVER KNOLL
40 CROTON DAM ROAD
TOWN OF OSSINING, NEW YORK

ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.

Drawn:	JE
Approved:	AG
Scale:	1" = 40'
Date:	09/27/2021
Project No:	15064
15064-DRAINAGE	EDA
EDA.NXT	
Drawing No:	DA-1

NOT FOR CONSTRUCTION

No.	Revision	Date	By
1	SBES SUBMISSION FOR COMPLETENESS	09/27/2021	BMS

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PROPOSED DRAINAGE AREA MAP

RIVER KNOLL
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TOWN OF OSSINING, NEW YORK

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Scale: 1" = 40'	
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Project No: 15064	
15064-DRAINAGE	PDA	--
Drawing No: DA-2	

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