City Of Apopka Review
of the
Environmental Resources Permit
Modification Application
(Modification to FDEP #48-0187635-002-EM and 48-0187635-003-EM)

Request For Additional Information #2

Vista Class III Landfill Phased Redesign
Apopka, Florida

Prepared for

Waste Management Inc., of Florida
255 West Keene Road
Apopka, Florida 32703

submitted to:

City of Apopka
120 East main Street
Apopka, Florida 32703

April 2011

Applied Technology and Management, Inc.
5550 NW 111 Blvd.
Gainesville, Florida 32653
386-418-6400
Fax 386-418-6401

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APPLIED TECHNOLOGY & MANAGEMENT

5550 N.W. 111th Blvd.
Gainesville, FL 32653
Tel: (386) 418-6400
Fax: (386) 418-6401

April 26, 2011

Mr. Jay Davoll, P.E.
City Development Director
City Engineer
City of Apopka
225 Main Street
Apopka, Florida 32703-5346

Re: Vista Landfill, LLC fka Buttrey Landfill (BD1-BD4)
City of Apopka ERP Review
Request for Additional Information #2
ATM Project Number 10-2141

Dear Mr. Davoll:

The following is a response to the questions and comments made by Mr. Lee Wiseman, P.E., Mr. Jim Wittig, P.E., and Mr. Jim Ladner, P.E., of Camp Dresser and McKee in their second Technical Memorandum dated March 28, 2011, to your office on our proposed stormwater management system for the Vista Landfill. Please find the original questions and responses with attachments below.

1. **Question**: In the response to Question 1, ATM stated that the time of concentration was changed from 10 minutes to 6 minutes in the ICPR models, which are used to evaluate the collection and conveyance systems. However they further stated that, **"Since the PONDS modeling is volume sensitive and not rate sensitive, the PONDS modeling was left with a time of concentration of 10 minutes."** With regards to the recovery analysis performed using PONDS, this is valid. However, CDM does not believe this is acceptable for the routing and peak stage analysis performed in PONDS, which *is* rate sensitive. The increased peak flows associated with the shorter time of concentration will likely result in somewhat higher peak stages in the PONDS model. Given that for several of the proposed ponds, the infiltration in the PONDS model is needed in order to demonstrate acceptable performance, a re-evaluation of the PONDS routing analysis with the inflow hydrographs revised for a 6 minute time of concentration is necessary. At a minimum, for Interim Pond 12 and Build-Out Pond 12, the ponds with the least amount of freeboard per the current ponds analysis, revise the inflow hydrographs for a 6 minute time of concentration and demonstrate that the peak stages will remain below the top of pond. Should adequate performance be demonstrated in these two ponds, CDM will consider this issue resolved for all other ponds. However, this analysis should be performed last-after the other issues below have been addressed.

1. **Response**: A revised PONDS routing analysis for Ponds 12 Interim and Build-out conditions is provided in Attachment A. Please note that the peak stages remain virtually unchanged.

2. **Question**: In the response to Question 3, the applicant states that a detail was provided of the proposed grout filled fabric revetment channel lining. However, no detail was provided in the construction plans. Please revise the detail sheets to include the channel lining detail.
2. **Response**: A channel lining detail is included on the detail pages of the full-sized plans contained in Attachment B.

3. **Question**: For Pond 9, the peak stage in the pond is nearly eight feet above the grade to the east at the most pronounced depression, and the top of berm elevation is approximately 12-feet higher. This gives rise to concerns regarding potential berm failure. Please provide a cross section through this berm that includes dimension and side slope details as well as construction specifications (e.g. compaction). Also, please provide reasonable assurance (e.g. calculations) that the proposed design will function adequately under design conditions (peak stages). More specifically, please provide assurance that this berm will be stable with respect to piping at the outside toe of berm at this location.
3. **Response**: The revised plans with revised berm construction, details and cross sections are provided in Attachment A. The top of pond elevation for Pond 9 has been reduced by a half of a foot, and the outside berm width has been increased to 11 feet. Please find stability calculations for the berm and recommended construction compaction specifications prepared by Devo Engineering in Attachment C. Piping from Pond 9 to Pond 10 is accomplished by installing the pipe at cut sections or at grade. There is no piping underneath the proposed fill slope on the east side of Pond 9.

4. **Question**: CDM is satisfied with the unsaturated infiltration rates and individual pond recovery analyses. However, we are still uncomfortable with the outcome of the interference analysis. The proposed methodology to address the hydraulic interference between the ponds during recovery was to reduce the pond length and width to account for interference between common sides of ponds and then reevaluate the pond recoveries. First of all, there is no data to show the magnitude and extent of the groundwater mound that will form beneath each pond during recovery. The ponds in the southern half of the landfill are approximately 1,000 feet apart on either side of the landfill and the mounds will almost certainly overlap. This would affect the volume of recovery over time. How was this boundary condition accounted for in the individual pond recovery analysis? Please show that here is absolutely no overlap of the groundwater mounds or account for mounding in the individual pond recovery analysis, where applicable. All of the PONDS modeling data focuses on stage and infiltration rates in the ponds. There is no spatial or temporal groundwater mound elevation data shown during recovery.
4. **Response**: The graphical groundwater mound for Ponds 9 and 7 for two scenarios, the peak stage mound conditions and the mound conditions at the end of the simulation, is provided in Attachment D. The groundwater mound information for the two scenarios is also shown on an east-west cross section through the Vista Landfill at Ponds 7 and 9. Please note the mound does not extend further than 300 feet along the width axis for both Ponds 9 and 7. The ponds are separated by 1,000 feet along the width axis of the ponds. Since the mounds do not intercept, the boundary condition was

taken as the seasonal high water table elevation in the individual pond recovery analyses.

5. **Question**: Continuing with the hydraulic interference analysis, what is the proposed elevation of the bottom liner for the landfill? There is potential for the liner and waste to interfere with horizontal flow in the surficial aquifer during pond recovery. Although the pond recovery period is relatively short, is there potential for uplift on the liner due to buoyancy? Please submit an east-west cross section to scale through the Vista Landfill, which includes the following information:

a. Pond 7 and Pond 9
b. The proposed bottom liner
c. Peak stages in the ponds
d. The magnitude and extent of the groundwater mounds for ponds 7 & 9 at its peak condition (i.e. groundwater elevation profile with mounding at peak condition)

5. **Response**: The cross section with Ponds 7 and 9 groundwater mounds at two conditions, the peak stage condition and the condition at the end of the simulation plotted on the cross section, is provided in Attachment D. The results indicate that the mounds do not intercept the liner. As a result of the steeply sloped surficial aquifer in this area, the average seasonal high water table of 84 may intercept the liner and exert an uplift force on the liner. Since this area will not be constructed for another 30 years at the current disposal rate, we would like to monitor the groundwater elevations in this area for a few years prior to the cell construction with the construction of the proposed monitoring well network. There will be several permit modifications prior to construction of Cell 12 in this area. After consultation with Geosyntec, buoyancy calculations are provided (Attachment E) to counterbalance the uplift forces if the assumed seasonal high water table of 84 is realized in the area of the liner. The calculations indicate that 4 feet of soil at the bottom of the liner will counteract the buoyancy forces with a safety factor of 2. Alternatively, approximately 9 feet of waste will achieve the same downward pressure to counteract the uplift force. Either the soil or waste will be placed over the liner is this area immediately after construction if the seasonal high water table is recognized through the installation of monitoring wells in the area.

A CD with all computer input and output files is attached for your records

If you require any further information or clarification, please do not hesitate to call me at 386-418-6400.

Sincerely,

Chris Schumacher, P.E.
Senior Water Resources Engineer
Enclosures

cc: Sheree Grant, WMIF
Leonardo Anglero, FDEP

Attachment A

Revised
PONDS Computer Modeling Recovery Analysis

PONDS Routing and Recovery Analysis

Interim Pond 12

100-year / 24-Hour Storm

Input Report
Summary of Results
Detailed Results

PONDS Version 3.2.0207
Retention Pond Recovery - Refined Method
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Devo Seereeram, Ph.D., P.E.

Project Data

Project Name:	Vista Landfill RedesignInterin Storm Water Plan
Simulation Description:	Pond 12 - 100 Year / 24 Hour Routing and Recovery Analysis w/ infiltration Iterim Pond 12
Project Number:	10-2141
Engineer :	cms
Supervising Engineer:	cms
Date:	01-06-2011

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum):	66.00
Water Table Elevation, [WT] (ft datum):	66.50
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day):	15.00
Fillable Porosity, [n] (%):	30.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day):	5.0
Maximum Area For Unsaturated Infiltration, [Av] (ft^2):	43821.0

Geometry Data

Equivalent Pond Length, [L] (ft):	300.0
Equivalent Pond Width, [W] (ft):	120.0

Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft^2)
75.00	33323.0
76.00	35850.0
77.00	38420.0
78.00	41077.0
79.00	43821.0

Discharge Structures

Discharge Structure #1 is inactive

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

Scenario Input Data

Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	6.750
Time Of Concentration (minutes)	6.0
DCIA (%)	0.0
Curve Number	98
Design Rainfall Depth (inches)	10.6
Design Rainfall Duration (hours)	24.0
Shape Factor	UHG 484
Rainfall Distribution	Orange County 100 Year - 24 Hour

Initial ground water level (ft datum) default, 66.50

Time After Storm Event (days)	Time After Storm Event (days)	Time After Storm Event (days)
1.000	6.000	11.000
2.000	7.000	14.000
3.000	8.000	
4.000	9.000	
5.000	10.000	

PONDS Version 3.2.0207
Retention Pond Recovery - Refined Method
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Summary of Results :: *Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

	Time (hours)	Stage (ft datum)	Rate (ft^3/s)	Volume (ft^3)
Stage				
Minimum	0.000	66.50		
Maximum	13.093	78.84		
Inflow				
Rate - Maximum - Positive	9.000		14.8461	
Rate - Maximum - Negative	24.320		0.0000	
Cumulative Volume - Maximum Positive	24.293			253940.0
Cumulative Volume - Maximum Negative	None			None
Cumulative Volume - End of Simulation	360.347			253940.0
Infiltration				
Rate - Maximum - Positive	17.520		5.4862	
Rate - Maximum - Negative	None		None	
Cumulative Volume - Maximum Positive	192.347			253940.0
Cumulative Volume - Maximum Negative	None			None
Cumulative Volume - End of Simulation	360.347			253940.0
Combined Discharge				
Rate - Maximum - Positive	None		None	
Rate - Maximum - Negative	None		None	
Cumulative Volume - Maximum Positive	None			None
Cumulative Volume - Maximum Negative	None			None
Cumulative Volume - End of Simulation	360.347			0.0
Discharge Structure 1 - inactive				
Rate - Maximum - Positive	disabled		disabled	
Rate - Maximum - Negative	disabled		disabled	
Cumulative Volume - Maximum Positive	disabled			disabled
Cumulative Volume - Maximum Negative	disabled			disabled
Cumulative Volume - End of Simulation	disabled			disabled
Discharge Structure 2 - inactive				
Rate - Maximum - Positive	disabled		disabled	
Rate - Maximum - Negative	disabled		disabled	
Cumulative Volume - Maximum Positive	disabled			disabled
Cumulative Volume - Maximum Negative	disabled			disabled
Cumulative Volume - End of Simulation	disabled			disabled
Discharge Structure 3 - inactive				
Rate - Maximum - Positive	disabled		disabled	
Rate - Maximum - Negative	disabled		disabled	
Cumulative Volume - Maximum Positive	disabled			disabled
Cumulative Volume - Maximum Negative	disabled			disabled
Cumulative Volume - End of Simulation	disabled			disabled
Pollution Abatement:				
36 Hour Stage and Infiltration Volume	N.A.	N.A.		N.A.
72 Hour Stage and Infiltration Volume	N.A.	N.A.		N.A.

PONDS Version 3.2.0207
Retention Pond Recovery - Refined Method
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Detailed Results :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft^3/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft^3/s)	Overflow Discharge (ft^3/s)	Cumulative Inflow Volume (ft^3)	Cumulative Infiltration Volume (ft^3)	Cumulative Discharge Volume (ft^3)	Flow Type
0.000	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	N.A.
0.013	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.027	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.040	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.053	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.067	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.080	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.093	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.107	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.120	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.133	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.147	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.160	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.173	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.187	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.200	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.213	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.227	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.240	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.253	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.267	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.280	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.293	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.307	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.320	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.333	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.347	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.360	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.373	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.387	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.400	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.413	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.427	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.440	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.453	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.467	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.480	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.493	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.507	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.520	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.533	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.547	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.560	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.573	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.587	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.600	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.613	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.627	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.640	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.653	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.667	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.680	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.693	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.707	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.720	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.733	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.747	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.760	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.773	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.787	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.800	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.813	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.827	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.840	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.853	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.867	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.880	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.893	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.907	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.920	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.933	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.947	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.960	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.973	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
0.987	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.000	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.013	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.027	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.040	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.053	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.067	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.080	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.093	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.107	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.120	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.133	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.147	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.160	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.173	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.187	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.200	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.213	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.227	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.240	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.253	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.267	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.280	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.293	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.307	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.320	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.333	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.347	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.360	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.373	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.387	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.400	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.413	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.427	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.440	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.453	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.467	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.480	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.493	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.507	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.520	0.0000	0.0000	66.500	0.00001	0.00000	0.0	0.0	0.0	U
1.533	0.0000	0.0000	66.500	0.00008	0.00000	0.0	0.0	0.0	U
1.547	0.0002	0.0000	66.500	0.00033	0.00000	0.0	0.0	0.0	U
1.560	0.0008	0.0000	66.500	0.00101	0.00000	0.0	0.0	0.0	U
1.573	0.0021	0.0000	66.500	0.00234	0.00000	0.1	0.1	0.0	U
1.587	0.0043	0.0000	66.500	0.00448	0.00000	0.3	0.3	0.0	U
1.600	0.0073	0.0000	66.500	0.00746	0.00000	0.5	0.5	0.0	U
1.613	0.0110	0.0000	66.500	0.01117	0.00000	1.0	1.0	0.0	U
1.627	0.0154	0.0000	66.500	0.01546	0.00000	1.6	1.6	0.0	U
1.640	0.0201	0.0000	66.500	0.02015	0.00000	2.5	2.5	0.0	U
1.653	0.0251	0.0000	66.500	0.02510	0.00000	3.5	3.5	0.0	U
1.667	0.0302	0.0000	66.500	0.03022	0.00000	4.9	4.9	0.0	U
1.680	0.0354	0.0000	66.500	0.03542	0.00000	6.4	6.4	0.0	U
1.693	0.0407	0.0000	66.501	0.04067	0.00000	8.3	8.3	0.0	U
1.707	0.0459	0.0000	66.501	0.04593	0.00000	10.3	10.3	0.0	U
1.720	0.0512	0.0000	66.501	0.05117	0.00000	12.7	12.7	0.0	U
1.733	0.0564	0.0000	66.501	0.05637	0.00000	15.3	15.3	0.0	U
1.747	0.0615	0.0000	66.501	0.06153	0.00000	18.1	18.1	0.0	U
1.760	0.0667	0.0000	66.502	0.06664	0.00000	21.2	21.2	0.0	U
1.773	0.0717	0.0000	66.502	0.07168	0.00000	24.5	24.5	0.0	U
1.787	0.0767	0.0000	66.502	0.07666	0.00000	28.0	28.0	0.0	U
1.800	0.0816	0.0000	66.502	0.08158	0.00000	31.8	31.8	0.0	U
1.813	0.0864	0.0000	66.503	0.08643	0.00000	35.9	35.9	0.0	U
1.827	0.0912	0.0000	66.503	0.09121	0.00000	40.1	40.1	0.0	U
1.840	0.0959	0.0000	66.503	0.09593	0.00000	44.6	44.6	0.0	U
1.853	0.1006	0.0000	66.504	0.10057	0.00000	49.4	49.4	0.0	U
1.867	0.1052	0.0000	66.504	0.10515	0.00000	54.3	54.3	0.0	U
1.880	0.1097	0.0000	66.505	0.10966	0.00000	59.4	59.4	0.0	U
1.893	0.1141	0.0000	66.505	0.11411	0.00000	64.8	64.8	0.0	U
1.907	0.1185	0.0000	66.505	0.11849	0.00000	70.4	70.4	0.0	U
1.920	0.1228	0.0000	66.506	0.12280	0.00000	76.2	76.2	0.0	U
1.933	0.1271	0.0000	66.506	0.12706	0.00000	82.2	82.2	0.0	U
1.947	0.1313	0.0000	66.507	0.13125	0.00000	88.4	88.4	0.0	U
1.960	0.1354	0.0000	66.507	0.13539	0.00000	94.8	94.8	0.0	U

Detailed Results (cont,d.) :: *Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
1.973	0.1395	0.0000	66.508	0.13947	0.00000	101.4	101.4	0.0	U
1.987	0.1435	0.0000	66.508	0.14365	0.00000	108.2	108.2	0.0	U
2.000	0.1481	0.0000	66.509	0.14857	0.00000	115.2	115.2	0.0	U
2.013	0.1546	0.0000	66.509	0.15538	0.00000	122.4	122.4	0.0	U
2.027	0.1643	0.0000	66.510	0.16520	0.00000	130.1	130.1	0.0	U
2.040	0.1776	0.0000	66.511	0.17817	0.00000	138.3	138.3	0.0	U
2.053	0.1931	0.0000	66.511	0.19314	0.00000	147.2	147.2	0.0	U
2.067	0.2088	0.0000	66.512	0.20858	0.00000	156.8	156.8	0.0	U
2.080	0.2237	0.0000	66.513	0.22323	0.00000	167.2	167.2	0.0	U
2.093	0.2368	0.0000	66.514	0.23633	0.00000	178.3	178.3	0.0	U
2.107	0.2481	0.0000	66.514	0.24772	0.00000	189.9	189.9	0.0	U
2.120	0.2580	0.0000	66.515	0.25775	0.00000	202.1	202.1	0.0	U
2.133	0.2670	0.0000	66.516	0.26681	0.00000	214.7	214.7	0.0	U
2.147	0.2753	0.0000	66.517	0.27514	0.00000	227.7	227.7	0.0	U
2.160	0.2830	0.0000	66.518	0.28292	0.00000	241.1	241.1	0.0	U
2.173	0.2903	0.0000	66.519	0.29025	0.00000	254.8	254.8	0.0	U
2.187	0.2973	0.0000	66.520	0.29724	0.00000	268.9	268.9	0.0	U
2.200	0.3040	0.0000	66.522	0.30394	0.00000	283.4	283.4	0.0	U
2.213	0.3105	0.0000	66.523	0.31041	0.00000	298.1	298.1	0.0	U
2.227	0.3167	0.0000	66.524	0.31669	0.00000	313.2	313.2	0.0	U
2.240	0.3228	0.0000	66.525	0.32279	0.00000	328.5	328.5	0.0	U
2.253	0.3288	0.0000	66.526	0.32875	0.00000	344.2	344.2	0.0	U
2.267	0.3346	0.0000	66.527	0.33457	0.00000	360.1	360.1	0.0	U
2.280	0.3403	0.0000	66.529	0.34027	0.00000	376.3	376.3	0.0	U
2.293	0.3459	0.0000	66.530	0.34585	0.00000	392.7	392.7	0.0	U
2.307	0.3513	0.0000	66.531	0.35131	0.00000	409.5	409.5	0.0	U
2.320	0.3567	0.0000	66.532	0.35665	0.00000	426.5	426.5	0.0	U
2.333	0.3619	0.0000	66.534	0.36190	0.00000	443.7	443.7	0.0	U
2.347	0.3671	0.0000	66.535	0.36705	0.00000	461.2	461.2	0.0	U
2.360	0.3721	0.0000	66.536	0.37212	0.00000	478.9	478.9	0.0	U
2.373	0.3771	0.0000	66.538	0.37710	0.00000	496.9	496.9	0.0	U
2.387	0.3820	0.0000	66.539	0.38199	0.00000	515.1	515.1	0.0	U
2.400	0.3868	0.0000	66.541	0.38681	0.00000	533.6	533.6	0.0	U
2.413	0.3916	0.0000	66.542	0.39154	0.00000	552.3	552.3	0.0	U
2.427	0.3962	0.0000	66.543	0.39619	0.00000	571.2	571.2	0.0	U
2.440	0.4008	0.0000	66.545	0.40077	0.00000	590.3	590.3	0.0	U
2.453	0.4053	0.0000	66.546	0.40527	0.00000	609.7	609.7	0.0	U
2.467	0.4097	0.0000	66.548	0.40970	0.00000	629.2	629.2	0.0	U
2.480	0.4141	0.0000	66.549	0.41405	0.00000	649.0	649.0	0.0	U
2.493	0.4184	0.0000	66.551	0.41878	0.00000	669.0	669.0	0.0	U
2.507	0.4244	0.0000	66.552	0.42540	0.00000	689.2	689.2	0.0	U
2.520	0.4345	0.0000	66.554	0.43634	0.00000	709.8	709.8	0.0	U
2.533	0.4519	0.0000	66.556	0.45360	0.00000	731.1	731.1	0.0	U
2.547	0.4760	0.0000	66.557	0.47666	0.00000	753.4	753.4	0.0	U
2.560	0.5028	0.0000	66.559	0.50261	0.00000	776.8	776.8	0.0	U
2.573	0.5290	0.0000	66.561	0.52829	0.00000	801.6	801.6	0.0	U
2.587	0.5525	0.0000	66.563	0.55140	0.00000	827.6	827.6	0.0	U
2.600	0.5717	0.0000	66.565	0.57069	0.00000	854.5	854.5	0.0	U
2.613	0.5870	0.0000	66.567	0.58629	0.00000	882.3	882.3	0.0	U
2.627	0.5996	0.0000	66.569	0.59914	0.00000	910.8	910.8	0.0	U
2.640	0.6104	0.0000	66.572	0.61008	0.00000	939.9	939.9	0.0	U
2.653	0.6199	0.0000	66.574	0.61961	0.00000	969.4	969.4	0.0	U
2.667	0.6283	0.0000	66.576	0.62807	0.00000	999.3	999.3	0.0	U
2.680	0.6359	0.0000	66.578	0.63573	0.00000	1029.7	1029.7	0.0	U
2.693	0.6429	0.0000	66.581	0.64278	0.00000	1060.4	1060.4	0.0	U
2.707	0.6495	0.0000	66.583	0.64937	0.00000	1091.4	1091.4	0.0	U
2.720	0.6557	0.0000	66.585	0.65559	0.00000	1122.7	1122.7	0.0	U
2.733	0.6616	0.0000	66.588	0.66153	0.00000	1154.3	1154.3	0.0	U
2.747	0.6673	0.0000	66.590	0.66723	0.00000	1186.2	1186.2	0.0	U
2.760	0.6728	0.0000	66.593	0.67273	0.00000	1218.4	1218.4	0.0	U
2.773	0.6781	0.0000	66.595	0.67807	0.00000	1250.8	1250.8	0.0	U
2.787	0.6833	0.0000	66.598	0.68326	0.00000	1283.5	1283.5	0.0	U
2.800	0.6883	0.0000	66.600	0.68831	0.00000	1316.4	1316.4	0.0	U
2.813	0.6933	0.0000	66.603	0.69323	0.00000	1349.6	1349.6	0.0	U
2.827	0.6980	0.0000	66.605	0.69802	0.00000	1382.9	1382.9	0.0	U
2.840	0.7027	0.0000	66.608	0.70271	0.00000	1416.6	1416.6	0.0	U
2.853	0.7073	0.0000	66.610	0.70731	0.00000	1450.4	1450.4	0.0	U
2.867	0.7118	0.0000	66.613	0.71182	0.00000	1484.5	1484.5	0.0	U
2.880	0.7163	0.0000	66.616	0.71626	0.00000	1518.7	1518.7	0.0	U
2.893	0.7206	0.0000	66.618	0.72061	0.00000	1553.2	1553.2	0.0	U
2.907	0.7249	0.0000	66.621	0.72489	0.00000	1587.9	1587.9	0.0	U
2.920	0.7291	0.0000	66.623	0.72909	0.00000	1622.8	1622.8	0.0	U
2.933	0.7332	0.0000	66.626	0.73322	0.00000	1657.9	1657.9	0.0	U
2.947	0.7373	0.0000	66.629	0.73728	0.00000	1693.2	1693.2	0.0	U

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
2.960	0.7413	0.0000	66.632	0.74126	0.00000	1728.7	1728.7	0.0	U
2.973	0.7452	0.0000	66.634	0.74518	0.00000	1764.4	1764.4	0.0	U
2.987	0.7490	0.0000	66.637	0.74903	0.00000	1800.2	1800.2	0.0	U
3.000	0.7528	0.0000	66.640	0.75500	0.00000	1836.3	1836.3	0.0	U
3.013	0.7653	0.0000	66.642	0.76991	0.00000	1872.7	1872.7	0.0	U
3.027	0.7962	0.0000	66.645	0.80394	0.00000	1910.2	1910.2	0.0	U
3.040	0.8580	0.0000	66.648	0.86409	0.00000	1949.9	1949.9	0.0	U
3.053	0.9441	0.0000	66.652	0.94583	0.00000	1993.1	1993.1	0.0	U
3.067	1.0371	0.0000	66.655	1.03581	0.00000	2040.7	2040.7	0.0	U
3.080	1.1249	0.0000	66.659	1.12182	0.00000	2092.6	2092.6	0.0	U
3.093	1.2003	0.0000	66.663	1.19568	0.00000	2148.4	2148.4	0.0	U
3.107	1.2571	0.0000	66.668	1.25348	0.00000	2207.4	2207.4	0.0	U
3.120	1.2994	0.0000	66.673	1.29700	0.00000	2268.7	2268.7	0.0	U
3.133	1.3322	0.0000	66.677	1.33057	0.00000	2331.9	2331.9	0.0	U
3.147	1.3586	0.0000	66.682	1.35730	0.00000	2396.4	2396.4	0.0	U
3.160	1.3798	0.0000	66.687	1.37891	0.00000	2462.2	2462.2	0.0	U
3.173	1.3974	0.0000	66.692	1.39674	0.00000	2528.8	2528.8	0.0	U
3.187	1.4123	0.0000	66.697	1.41179	0.00000	2596.3	2596.3	0.0	U
3.200	1.4251	0.0000	66.703	1.42475	0.00000	2664.4	2664.4	0.0	U
3.213	1.4365	0.0000	66.708	1.43619	0.00000	2733.0	2733.0	0.0	U
3.227	1.4467	0.0000	66.713	1.44647	0.00000	2802.2	2802.2	0.0	U
3.240	1.4560	0.0000	66.718	1.45587	0.00000	2871.9	2871.9	0.0	U
3.253	1.4647	0.0000	66.724	1.46456	0.00000	2942.0	2942.0	0.0	U
3.267	1.4728	0.0000	66.729	1.47273	0.00000	3012.5	3012.5	0.0	U
3.280	1.4806	0.0000	66.735	1.48048	0.00000	3083.4	3083.4	0.0	U
3.293	1.4880	0.0000	66.740	1.48787	0.00000	3154.6	3154.6	0.0	U
3.307	1.4950	0.0000	66.745	1.49489	0.00000	3226.2	3226.2	0.0	U
3.320	1.5017	0.0000	66.751	1.50157	0.00000	3298.1	3298.1	0.0	U
3.333	1.5080	0.0000	66.756	1.50797	0.00000	3370.4	3370.4	0.0	U
3.347	1.5142	0.0000	66.762	1.51417	0.00000	3442.9	3442.9	0.0	U
3.360	1.5203	0.0000	66.767	1.52022	0.00000	3515.7	3515.7	0.0	U
3.373	1.5262	0.0000	66.773	1.52612	0.00000	3588.8	3588.8	0.0	U
3.387	1.5319	0.0000	66.779	1.53189	0.00000	3662.2	3662.2	0.0	U
3.400	1.5375	0.0000	66.784	1.53752	0.00000	3735.9	3735.9	0.0	U
3.413	1.5430	0.0000	66.790	1.54302	0.00000	3809.8	3809.8	0.0	U
3.427	1.5484	0.0000	66.795	1.54839	0.00000	3884.0	3884.0	0.0	U
3.440	1.5537	0.0000	66.801	1.55363	0.00000	3958.5	3958.5	0.0	U
3.453	1.5588	0.0000	66.807	1.55876	0.00000	4033.2	4033.2	0.0	U
3.467	1.5638	0.0000	66.812	1.56377	0.00000	4108.1	4108.1	0.0	U
3.480	1.5687	0.0000	66.818	1.56867	0.00000	4183.3	4183.3	0.0	U
3.493	1.5735	0.0000	66.824	1.57364	0.00000	4258.7	4258.7	0.0	U
3.507	1.5789	0.0000	66.830	1.57989	0.00000	4334.4	4334.4	0.0	U
3.520	1.5883	0.0000	66.835	1.59037	0.00000	4410.4	4410.4	0.0	U
3.533	1.6059	0.0000	66.841	1.60881	0.00000	4487.0	4487.0	0.0	U
3.547	1.6350	0.0000	66.847	1.63701	0.00000	4564.8	4564.8	0.0	U
3.560	1.6721	0.0000	66.853	1.67245	0.00000	4644.2	4644.2	0.0	U
3.573	1.7106	0.0000	66.859	1.70992	0.00000	4725.4	4725.4	0.0	U
3.587	1.7463	0.0000	66.866	1.74492	0.00000	4808.3	4808.3	0.0	U
3.600	1.7764	0.0000	66.872	1.77461	0.00000	4892.9	4892.9	0.0	U
3.613	1.7993	0.0000	66.879	1.79792	0.00000	4978.7	4978.7	0.0	U
3.627	1.8167	0.0000	66.885	1.81581	0.00000	5065.5	5065.5	0.0	U
3.640	1.8305	0.0000	66.892	1.82992	0.00000	5153.0	5153.0	0.0	U
3.653	1.8419	0.0000	66.899	1.84140	0.00000	5241.2	5241.2	0.0	U
3.667	1.8513	0.0000	66.905	1.85090	0.00000	5329.8	5329.8	0.0	U
3.680	1.8592	0.0000	66.912	1.85895	0.00000	5418.9	5418.9	0.0	U
3.693	1.8661	0.0000	66.919	1.86592	0.00000	5508.3	5508.3	0.0	U
3.707	1.8722	0.0000	66.926	1.87208	0.00000	5598.0	5598.0	0.0	U
3.720	1.8778	0.0000	66.933	1.87765	0.00000	5688.0	5688.0	0.0	U
3.733	1.8828	0.0000	66.940	1.88276	0.00000	5778.2	5778.2	0.0	U
3.747	1.8876	0.0000	66.946	1.88751	0.00000	5868.7	5868.7	0.0	U
3.760	1.8920	0.0000	66.953	1.89199	0.00000	5959.4	5959.4	0.0	U
3.773	1.8963	0.0000	66.960	1.89625	0.00000	6050.4	6050.4	0.0	U
3.787	1.9004	0.0000	66.967	1.90034	0.00000	6141.5	6141.5	0.0	U
3.800	1.9043	0.0000	66.974	1.90426	0.00000	6232.8	6232.8	0.0	U
3.813	1.9081	0.0000	66.981	1.90803	0.00000	6324.3	6324.3	0.0	U
3.827	1.9117	0.0000	66.988	1.91166	0.00000	6416.0	6416.0	0.0	U
3.840	1.9152	0.0000	66.995	1.91517	0.00000	6507.8	6507.8	0.0	U
3.853	1.9186	0.0000	67.002	1.91860	0.00000	6599.8	6599.8	0.0	U
3.867	1.9220	0.0000	67.009	1.92195	0.00000	6692.0	6692.0	0.0	U
3.880	1.9252	0.0000	67.016	1.92523	0.00000	6784.3	6784.3	0.0	U
3.893	1.9285	0.0000	67.023	1.92764	0.00000	6876.8	6876.8	0.0	U
3.907	1.9316	0.0000	75.000	1.92841	0.00000	6969.5	6969.4	0.0	U/P
3.920	1.9347	0.0000	75.000	1.92842	0.00000	7062.2	7061.9	0.0	U/P
3.933	1.9377	0.0000	75.000	1.92842	0.00000	7155.2	7154.5	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
3.947	1.9407	0.0000	75.000	1.92842	0.00000	7248.3	7247.1	0.0	U/P
3.960	1.9436	0.0000	75.000	1.92842	0.00000	7341.5	7339.6	0.0	U/P
3.973	1.9465	0.0000	75.000	1.92842	0.00000	7434.9	7432.2	0.0	U/P
3.987	1.9492	0.0000	75.000	1.92843	0.00000	7528.3	7524.8	0.0	U/P
4.000	1.9520	0.0000	75.000	1.92843	0.00000	7622.0	7617.3	0.0	U/P
4.013	1.9591	0.0000	75.000	1.92844	0.00000	7715.8	7709.9	0.0	U/P
4.027	1.9821	0.0000	75.000	1.92845	0.00000	7810.4	7802.5	0.0	U/P
4.040	2.0347	0.0000	75.000	1.92846	0.00000	7906.8	7895.0	0.0	U/P
4.053	2.1225	0.0000	75.001	1.92848	0.00000	8006.6	7987.6	0.0	U/P
4.067	2.2316	0.0000	75.001	1.92852	0.00000	8111.1	8080.2	0.0	U/P
4.080	2.3425	0.0000	75.001	1.92859	0.00000	8220.9	8172.7	0.0	U/P
4.093	2.4423	0.0000	75.002	1.92868	0.00000	8335.7	8265.3	0.0	U/P
4.107	2.5226	0.0000	75.003	1.92878	0.00000	8454.9	8357.9	0.0	U/P
4.120	2.5808	0.0000	75.004	1.92891	0.00000	8577.4	8450.5	0.0	U/P
4.133	2.6230	0.0000	75.005	1.92904	0.00000	8702.3	8543.1	0.0	U/P
4.147	2.6546	0.0000	75.006	1.92919	0.00000	8828.9	8635.7	0.0	U/P
4.160	2.6786	0.0000	75.007	1.92934	0.00000	8956.9	8728.3	0.0	U/P
4.173	2.6969	0.0000	75.008	1.92950	0.00000	9085.9	8820.9	0.0	U/P
4.187	2.7112	0.0000	75.009	1.92966	0.00000	9215.7	8913.5	0.0	U/P
4.200	2.7224	0.0000	75.010	1.92982	0.00000	9346.1	9006.1	0.0	U/P
4.213	2.7314	0.0000	75.011	1.92999	0.00000	9477.0	9098.8	0.0	U/P
4.227	2.7388	0.0000	75.013	1.93016	0.00000	9608.3	9191.4	0.0	U/P
4.240	2.7451	0.0000	75.014	1.93033	0.00000	9739.9	9284.0	0.0	U/P
4.253	2.7506	0.0000	75.015	1.93050	0.00000	9871.8	9376.7	0.0	U/P
4.267	2.7554	0.0000	75.016	1.93067	0.00000	10004.0	9469.4	0.0	U/P
4.280	2.7597	0.0000	75.017	1.93085	0.00000	10136.3	9562.1	0.0	U/P
4.293	2.7637	0.0000	75.018	1.93102	0.00000	10268.9	9654.7	0.0	U/P
4.307	2.7674	0.0000	75.020	1.93120	0.00000	10401.6	9747.4	0.0	U/P
4.320	2.7708	0.0000	75.021	1.93137	0.00000	10534.5	9840.1	0.0	U/P
4.333	2.7739	0.0000	75.022	1.93155	0.00000	10667.6	9932.8	0.0	U/P
4.347	2.7768	0.0000	75.023	1.93173	0.00000	10800.8	10025.6	0.0	U/P
4.360	2.7796	0.0000	75.024	1.93190	0.00000	10934.2	10118.3	0.0	U/P
4.373	2.7824	0.0000	75.026	1.93208	0.00000	11067.7	10211.0	0.0	U/P
4.387	2.7851	0.0000	75.027	1.93226	0.00000	11201.3	10303.8	0.0	U/P
4.400	2.7877	0.0000	75.028	1.93244	0.00000	11335.0	10396.5	0.0	U/P
4.413	2.7903	0.0000	75.029	1.93262	0.00000	11468.9	10489.3	0.0	U/P
4.427	2.7929	0.0000	75.031	1.93280	0.00000	11602.9	10582.1	0.0	U/P
4.440	2.7953	0.0000	75.032	1.93298	0.00000	11737.0	10674.8	0.0	U/P
4.453	2.7978	0.0000	75.033	1.93316	0.00000	11871.2	10767.6	0.0	U/P
4.467	2.8002	0.0000	75.034	1.93334	0.00000	12005.6	10860.4	0.0	U/P
4.480	2.8025	0.0000	75.036	1.93353	0.00000	12140.1	10953.2	0.0	U/P
4.493	2.8048	0.0000	75.037	1.93371	0.00000	12274.6	11046.0	0.0	U/P
4.507	2.8071	0.0000	75.038	1.93389	0.00000	12409.3	11138.9	0.0	U/P
4.520	2.8105	0.0000	75.039	1.93407	0.00000	12544.1	11231.7	0.0	U/P
4.533	2.8175	0.0000	75.041	1.93426	0.00000	12679.2	11324.5	0.0	U/P
4.547	2.8306	0.0000	75.042	1.93444	0.00000	12814.8	11417.4	0.0	U/P
4.560	2.8501	0.0000	75.043	1.93463	0.00000	12951.1	11510.2	0.0	U/P
4.573	2.8728	0.0000	75.045	1.93483	0.00000	13088.5	11603.1	0.0	U/P
4.587	2.8951	0.0000	75.046	1.93502	0.00000	13226.9	11696.0	0.0	U/P
4.600	2.9150	0.0000	75.047	1.93522	0.00000	13366.3	11788.9	0.0	U/P
4.613	2.9308	0.0000	75.049	1.93543	0.00000	13506.6	11881.8	0.0	U/P
4.627	2.9425	0.0000	75.050	1.93564	0.00000	13647.6	11974.7	0.0	U/P
4.640	2.9513	0.0000	75.052	1.93585	0.00000	13789.0	12067.6	0.0	U/P
4.653	2.9583	0.0000	75.053	1.93606	0.00000	13930.9	12160.5	0.0	U/P
4.667	2.9638	0.0000	75.054	1.93628	0.00000	14073.0	12253.4	0.0	U/P
4.680	2.9684	0.0000	75.056	1.93649	0.00000	14215.4	12346.4	0.0	U/P
4.693	2.9721	0.0000	75.057	1.93671	0.00000	14357.9	12439.3	0.0	U/P
4.707	2.9753	0.0000	75.059	1.93693	0.00000	14500.7	12532.3	0.0	U/P
4.720	2.9781	0.0000	75.060	1.93714	0.00000	14643.6	12625.3	0.0	U/P
4.733	2.9805	0.0000	75.062	1.93736	0.00000	14786.6	12718.3	0.0	U/P
4.747	2.9828	0.0000	75.063	1.93758	0.00000	14929.7	12811.3	0.0	U/P
4.760	2.9849	0.0000	75.065	1.93780	0.00000	15072.9	12904.3	0.0	U/P
4.773	2.9868	0.0000	75.066	1.93802	0.00000	15216.2	12997.3	0.0	U/P
4.787	2.9886	0.0000	75.068	1.93824	0.00000	15359.6	13090.3	0.0	U/P
4.800	2.9904	0.0000	75.069	1.93846	0.00000	15503.1	13183.4	0.0	U/P
4.813	2.9921	0.0000	75.071	1.93868	0.00000	15646.7	13276.4	0.0	U/P
4.827	2.9937	0.0000	75.072	1.93890	0.00000	15790.4	13369.5	0.0	U/P
4.840	2.9953	0.0000	75.074	1.93912	0.00000	15934.1	13462.6	0.0	U/P
4.853	2.9968	0.0000	75.075	1.93934	0.00000	16077.9	13555.6	0.0	U/P
4.867	2.9982	0.0000	75.077	1.93956	0.00000	16221.8	13648.7	0.0	U/P
4.880	2.9997	0.0000	75.079	1.93978	0.00000	16365.8	13741.8	0.0	U/P
4.893	3.0011	0.0000	75.080	1.94001	0.00000	16509.8	13835.0	0.0	U/P
4.907	3.0025	0.0000	75.082	1.94023	0.00000	16653.9	13928.1	0.0	U/P
4.920	3.0039	0.0000	75.083	1.94045	0.00000	16798.0	14021.2	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
4.933	3.0052	0.0000	75.085	1.94067	0.00000	16942.2	14114.4	0.0	U/P
4.947	3.0065	0.0000	75.086	1.94090	0.00000	17086.5	14207.5	0.0	U/P
4.960	3.0078	0.0000	75.088	1.94112	0.00000	17230.9	14300.7	0.0	U/P
4.973	3.0091	0.0000	75.089	1.94134	0.00000	17375.3	14393.9	0.0	U/P
4.987	3.0104	0.0000	75.091	1.94157	0.00000	17519.7	14487.1	0.0	U/P
5.000	3.0127	0.0000	75.092	1.94179	0.00000	17664.3	14580.3	0.0	U/P
5.013	3.0179	0.0000	75.094	1.94201	0.00000	17809.0	14673.5	0.0	U/P
5.027	3.0283	0.0000	75.095	1.94224	0.00000	17954.1	14766.7	0.0	U/P
5.040	3.0439	0.0000	75.097	1.94247	0.00000	18099.9	14859.9	0.0	U/P
5.053	3.0623	0.0000	75.098	1.94270	0.00000	18246.4	14953.2	0.0	U/P
5.067	3.0803	0.0000	75.100	1.94293	0.00000	18393.8	15046.4	0.0	U/P
5.080	3.0963	0.0000	75.102	1.94317	0.00000	18542.1	15139.7	0.0	U/P
5.093	3.1089	0.0000	75.103	1.94341	0.00000	18691.0	15233.0	0.0	U/P
5.107	3.1181	0.0000	75.105	1.94365	0.00000	18840.4	15326.3	0.0	U/P
5.120	3.1250	0.0000	75.107	1.94390	0.00000	18990.3	15419.6	0.0	U/P
5.133	3.1303	0.0000	75.108	1.94415	0.00000	19140.4	15512.9	0.0	U/P
5.147	3.1344	0.0000	75.110	1.94439	0.00000	19290.8	15606.2	0.0	U/P
5.160	3.1377	0.0000	75.112	1.94464	0.00000	19441.3	15699.5	0.0	U/P
5.173	3.1403	0.0000	75.114	1.94489	0.00000	19592.0	15792.9	0.0	U/P
5.187	3.1425	0.0000	75.115	1.94514	0.00000	19742.7	15886.2	0.0	U/P
5.200	3.1443	0.0000	75.117	1.94539	0.00000	19893.6	15979.6	0.0	U/P
5.213	3.1459	0.0000	75.119	1.94564	0.00000	20044.6	16073.0	0.0	U/P
5.227	3.1474	0.0000	75.120	1.94589	0.00000	20195.6	16166.4	0.0	U/P
5.240	3.1487	0.0000	75.122	1.94614	0.00000	20346.7	16259.8	0.0	U/P
5.253	3.1499	0.0000	75.124	1.94639	0.00000	20497.9	16353.2	0.0	U/P
5.267	3.1510	0.0000	75.126	1.94664	0.00000	20649.1	16446.7	0.0	U/P
5.280	3.1521	0.0000	75.127	1.94690	0.00000	20800.4	16540.1	0.0	U/P
5.293	3.1531	0.0000	75.129	1.94715	0.00000	20951.7	16633.6	0.0	U/P
5.307	3.1541	0.0000	75.131	1.94740	0.00000	21103.1	16727.0	0.0	U/P
5.320	3.1550	0.0000	75.132	1.94765	0.00000	21254.5	16820.5	0.0	U/P
5.333	3.1559	0.0000	75.134	1.94790	0.00000	21406.0	16914.0	0.0	U/P
5.347	3.1568	0.0000	75.136	1.94815	0.00000	21557.5	17007.5	0.0	U/P
5.360	3.1576	0.0000	75.138	1.94841	0.00000	21709.0	17101.0	0.0	U/P
5.373	3.1585	0.0000	75.139	1.94866	0.00000	21860.6	17194.6	0.0	U/P
5.387	3.1593	0.0000	75.141	1.94891	0.00000	22012.2	17288.1	0.0	U/P
5.400	3.1601	0.0000	75.143	1.94916	0.00000	22163.9	17381.7	0.0	U/P
5.413	3.1609	0.0000	75.144	1.94941	0.00000	22315.6	17475.2	0.0	U/P
5.427	3.1617	0.0000	75.146	1.94967	0.00000	22467.3	17568.8	0.0	U/P
5.440	3.1625	0.0000	75.148	1.94992	0.00000	22619.1	17662.4	0.0	U/P
5.453	3.1633	0.0000	75.150	1.95017	0.00000	22770.9	17756.0	0.0	U/P
5.467	3.1641	0.0000	75.151	1.95043	0.00000	22922.8	17849.6	0.0	U/P
5.480	3.1648	0.0000	75.153	1.95068	0.00000	23074.7	17943.2	0.0	U/P
5.493	3.1656	0.0000	75.155	1.95093	0.00000	23226.6	18036.9	0.0	U/P
5.507	3.1663	0.0000	75.157	1.95118	0.00000	23378.6	18130.5	0.0	U/P
5.520	3.1670	0.0000	75.158	1.95144	0.00000	23530.6	18224.2	0.0	U/P
5.533	3.1677	0.0000	75.160	1.95169	0.00000	23682.6	18317.9	0.0	U/P
5.547	3.1684	0.0000	75.162	1.95194	0.00000	23834.7	18411.5	0.0	U/P
5.560	3.1691	0.0000	75.163	1.95220	0.00000	23986.8	18505.2	0.0	U/P
5.573	3.1698	0.0000	75.165	1.95245	0.00000	24138.9	18599.0	0.0	U/P
5.587	3.1704	0.0000	75.167	1.95270	0.00000	24291.1	18692.7	0.0	U/P
5.600	3.1711	0.0000	75.169	1.95296	0.00000	24443.3	18786.4	0.0	U/P
5.613	3.1717	0.0000	75.170	1.95321	0.00000	24595.5	18880.2	0.0	U/P
5.627	3.1724	0.0000	75.172	1.95346	0.00000	24747.8	18973.9	0.0	U/P
5.640	3.1730	0.0000	75.174	1.95372	0.00000	24900.1	19067.7	0.0	U/P
5.653	3.1736	0.0000	75.176	1.95397	0.00000	25052.4	19161.5	0.0	U/P
5.667	3.1742	0.0000	75.177	1.95422	0.00000	25204.7	19255.3	0.0	U/P
5.680	3.1748	0.0000	75.179	1.95448	0.00000	25357.1	19349.1	0.0	U/P
5.693	3.1754	0.0000	75.181	1.95473	0.00000	25509.5	19442.9	0.0	U/P
5.707	3.1760	0.0000	75.183	1.95498	0.00000	25662.0	19536.7	0.0	U/P
5.720	3.1766	0.0000	75.184	1.95524	0.00000	25814.4	19630.6	0.0	U/P
5.733	3.1772	0.0000	75.186	1.95549	0.00000	25966.9	19724.4	0.0	U/P
5.747	3.1778	0.0000	75.188	1.95575	0.00000	26119.4	19818.3	0.0	U/P
5.760	3.1784	0.0000	75.189	1.95600	0.00000	26272.0	19912.2	0.0	U/P
5.773	3.1789	0.0000	75.191	1.95625	0.00000	26424.5	20006.1	0.0	U/P
5.787	3.1795	0.0000	75.193	1.95651	0.00000	26577.2	20100.0	0.0	U/P
5.800	3.1800	0.0000	75.195	1.95676	0.00000	26729.8	20193.9	0.0	U/P
5.813	3.1805	0.0000	75.196	1.95701	0.00000	26882.4	20287.8	0.0	U/P
5.827	3.1811	0.0000	75.198	1.95727	0.00000	27035.1	20381.8	0.0	U/P
5.840	3.1816	0.0000	75.200	1.95752	0.00000	27187.8	20475.7	0.0	U/P
5.853	3.1821	0.0000	75.202	1.95778	0.00000	27340.5	20569.7	0.0	U/P
5.867	3.1826	0.0000	75.203	1.95803	0.00000	27493.3	20663.7	0.0	U/P
5.880	3.1831	0.0000	75.205	1.95828	0.00000	27646.1	20757.7	0.0	U/P
5.893	3.1836	0.0000	75.207	1.95854	0.00000	27798.9	20851.7	0.0	U/P
5.907	3.1841	0.0000	75.209	1.95879	0.00000	27951.7	20945.7	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft^3/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft^3/s)	Overflow Discharge (ft^3/s)	Cumulative Inflow Volume (ft^3)	Cumulative Infiltration Volume (ft^3)	Cumulative Discharge Volume (ft^3)	Flow Type
5.920	3.1846	0.0000	75.210	1.95905	0.00000	28104.5	21039.7	0.0	U/P
5.933	3.1851	0.0000	75.212	1.95930	0.00000	28257.4	21133.8	0.0	U/P
5.947	3.1855	0.0000	75.214	1.95955	0.00000	28410.3	21227.8	0.0	U/P
5.960	3.1860	0.0000	75.216	1.95981	0.00000	28563.2	21321.9	0.0	U/P
5.973	3.1865	0.0000	75.217	1.96006	0.00000	28716.2	21416.0	0.0	U/P
5.987	3.1869	0.0000	75.219	1.96032	0.00000	28869.1	21510.1	0.0	U/P
6.000	3.1874	0.0000	75.221	1.96057	0.00000	29022.1	21604.2	0.0	U/P
6.013	3.2397	0.0000	75.223	1.96083	0.00000	29176.4	21698.3	0.0	U/P
6.027	3.4008	0.0000	75.224	1.96110	0.00000	29335.7	21792.4	0.0	U/P
6.040	3.7433	0.0000	75.227	1.96141	0.00000	29507.2	21886.5	0.0	U/P
6.053	4.2260	0.0000	75.230	1.96178	0.00000	29698.5	21980.7	0.0	U/P
6.067	4.7450	0.0000	75.233	1.96225	0.00000	29913.8	22074.9	0.0	U/P
6.080	5.2280	0.0000	75.237	1.96283	0.00000	30153.1	22169.1	0.0	U/P
6.093	5.6334	0.0000	75.242	1.96350	0.00000	30413.8	22263.3	0.0	U/P
6.107	5.9250	0.0000	75.248	1.96425	0.00000	30691.2	22357.6	0.0	U/P
6.120	6.1285	0.0000	75.254	1.96507	0.00000	30980.5	22451.9	0.0	U/P
6.133	6.2750	0.0000	75.259	1.96592	0.00000	31278.2	22546.2	0.0	U/P
6.147	6.3838	0.0000	75.266	1.96681	0.00000	31582.0	22640.6	0.0	U/P
6.160	6.4614	0.0000	75.272	1.96772	0.00000	31890.3	22735.0	0.0	U/P
6.173	6.5183	0.0000	75.278	1.96865	0.00000	32201.8	22829.5	0.0	U/P
6.187	6.5597	0.0000	75.285	1.96959	0.00000	32515.6	22924.0	0.0	U/P
6.200	6.5896	0.0000	75.291	1.97053	0.00000	32831.2	23018.6	0.0	U/P
6.213	6.6118	0.0000	75.298	1.97148	0.00000	33148.1	23113.2	0.0	U/P
6.227	6.6282	0.0000	75.304	1.97244	0.00000	33465.8	23207.8	0.0	U/P
6.240	6.6405	0.0000	75.311	1.97340	0.00000	33784.3	23302.5	0.0	U/P
6.253	6.6496	0.0000	75.317	1.97436	0.00000	34103.2	23397.3	0.0	U/P
6.267	6.6566	0.0000	75.324	1.97532	0.00000	34422.6	23492.1	0.0	U/P
6.280	6.6623	0.0000	75.331	1.97628	0.00000	34742.2	23586.9	0.0	U/P
6.293	6.6668	0.0000	75.337	1.97725	0.00000	35062.1	23681.8	0.0	U/P
6.307	6.6701	0.0000	75.344	1.97821	0.00000	35382.2	23776.7	0.0	U/P
6.320	6.6724	0.0000	75.350	1.97917	0.00000	35702.4	23871.7	0.0	U/P
6.333	6.6735	0.0000	75.357	1.98013	0.00000	36022.7	23966.7	0.0	U/P
6.347	6.6747	0.0000	75.364	1.98110	0.00000	36343.1	24061.8	0.0	U/P
6.360	6.6758	0.0000	75.370	1.98206	0.00000	36663.5	24156.9	0.0	U/P
6.373	6.6769	0.0000	75.377	1.98302	0.00000	36984.0	24252.1	0.0	U/P
6.387	6.6780	0.0000	75.383	1.98398	0.00000	37304.5	24347.3	0.0	U/P
6.400	6.6791	0.0000	75.390	1.98494	0.00000	37625.1	24442.5	0.0	U/P
6.413	6.6801	0.0000	75.396	1.98590	0.00000	37945.7	24537.8	0.0	U/P
6.427	6.6812	0.0000	75.403	1.98686	0.00000	38266.4	24633.2	0.0	U/P
6.440	6.6822	0.0000	75.410	1.98782	0.00000	38587.1	24728.6	0.0	U/P
6.453	6.6831	0.0000	75.416	1.98878	0.00000	38907.8	24824.0	0.0	U/P
6.467	6.6841	0.0000	75.423	1.98974	0.00000	39228.7	24919.5	0.0	U/P
6.480	6.6850	0.0000	75.429	1.99070	0.00000	39549.5	25015.0	0.0	U/P
6.493	6.6860	0.0000	75.436	1.99166	0.00000	39870.4	25110.6	0.0	U/P
6.507	6.6893	0.0000	75.442	1.99261	0.00000	40191.4	25206.2	0.0	U/P
6.520	6.7073	0.0000	75.449	1.99357	0.00000	40512.9	25301.9	0.0	U/P
6.533	6.7539	0.0000	75.455	1.99453	0.00000	40836.0	25397.6	0.0	U/P
6.547	6.8407	0.0000	75.462	1.99551	0.00000	41162.3	25493.4	0.0	U/P
6.560	6.9553	0.0000	75.469	1.99649	0.00000	41493.4	25589.2	0.0	U/P
6.573	7.0749	0.0000	75.476	1.99750	0.00000	41830.1	25685.0	0.0	U/P
6.587	7.1841	0.0000	75.483	1.99853	0.00000	42172.3	25780.9	0.0	U/P
6.600	7.2736	0.0000	75.490	1.99959	0.00000	42519.3	25876.9	0.0	U/P
6.613	7.3379	0.0000	75.498	2.00066	0.00000	42870.0	25972.9	0.0	U/P
6.627	7.3831	0.0000	75.505	2.00174	0.00000	43223.3	26069.0	0.0	U/P
6.640	7.4160	0.0000	75.513	2.00283	0.00000	43578.5	26165.1	0.0	U/P
6.653	7.4403	0.0000	75.520	2.00393	0.00000	43935.0	26261.2	0.0	U/P
6.667	7.4579	0.0000	75.528	2.00503	0.00000	44292.6	26357.4	0.0	U/P
6.680	7.4710	0.0000	75.535	2.00613	0.00000	44650.9	26453.7	0.0	U/P
6.693	7.4806	0.0000	75.543	2.00724	0.00000	45009.7	26550.0	0.0	U/P
6.707	7.4876	0.0000	75.550	2.00835	0.00000	45368.9	26646.4	0.0	U/P
6.720	7.4930	0.0000	75.558	2.00945	0.00000	45728.5	26742.8	0.0	U/P
6.733	7.4971	0.0000	75.566	2.01056	0.00000	46088.2	26839.3	0.0	U/P
6.747	7.5003	0.0000	75.573	2.01167	0.00000	46448.2	26935.8	0.0	U/P
6.760	7.5028	0.0000	75.581	2.01278	0.00000	46808.3	27032.4	0.0	U/P
6.773	7.5048	0.0000	75.588	2.01389	0.00000	47168.4	27129.1	0.0	U/P
6.787	7.5065	0.0000	75.596	2.01499	0.00000	47528.7	27225.8	0.0	U/P
6.800	7.5080	0.0000	75.603	2.01610	0.00000	47889.1	27322.5	0.0	U/P
6.813	7.5091	0.0000	75.611	2.01721	0.00000	48249.5	27419.3	0.0	U/P
6.827	7.5100	0.0000	75.619	2.01831	0.00000	48609.9	27516.2	0.0	U/P
6.840	7.5107	0.0000	75.626	2.01942	0.00000	48970.4	27613.1	0.0	U/P
6.853	7.5114	0.0000	75.634	2.02052	0.00000	49331.0	27710.0	0.0	U/P
6.867	7.5121	0.0000	75.641	2.02162	0.00000	49691.5	27807.0	0.0	U/P
6.880	7.5127	0.0000	75.649	2.02273	0.00000	50052.1	27904.1	0.0	U/P
6.893	7.5134	0.0000	75.656	2.02383	0.00000	50412.7	28001.2	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
6.907	7.5140	0.0000	75.664	2.02493	0.00000	50773.4	28098.4	0.0	U/P
6.920	7.5146	0.0000	75.671	2.02603	0.00000	51134.1	28195.6	0.0	U/P
6.933	7.5152	0.0000	75.679	2.02713	0.00000	51494.8	28292.9	0.0	U/P
6.947	7.5158	0.0000	75.686	2.02823	0.00000	51855.5	28390.2	0.0	U/P
6.960	7.5164	0.0000	75.694	2.02933	0.00000	52216.3	28487.6	0.0	U/P
6.973	7.5170	0.0000	75.701	2.03043	0.00000	52577.1	28585.0	0.0	U/P
6.987	7.5176	0.0000	75.709	2.03153	0.00000	52938.0	28682.5	0.0	U/P
7.000	7.5181	0.0000	75.716	2.03262	0.00000	53298.8	28780.1	0.0	U/P
7.013	7.5316	0.0000	75.724	2.03372	0.00000	53660.0	28877.7	0.0	U/P
7.027	7.5914	0.0000	75.731	2.03482	0.00000	54022.9	28975.3	0.0	U/P
7.040	7.7369	0.0000	75.739	2.03593	0.00000	54390.8	29073.0	0.0	U/P
7.053	7.9850	0.0000	75.747	2.03707	0.00000	54768.2	29170.7	0.0	U/P
7.067	8.2943	0.0000	75.755	2.03826	0.00000	55158.9	29268.6	0.0	U/P
7.080	8.6081	0.0000	75.764	2.03951	0.00000	55564.5	29366.4	0.0	U/P
7.093	8.8891	0.0000	75.773	2.04082	0.00000	55984.4	29464.4	0.0	U/P
7.107	9.1128	0.0000	75.783	2.04218	0.00000	56416.5	29562.3	0.0	U/P
7.120	9.2720	0.0000	75.792	2.04358	0.00000	56857.7	29660.4	0.0	U/P
7.133	9.3842	0.0000	75.802	2.04501	0.00000	57305.5	29758.5	0.0	U/P
7.147	9.4657	0.0000	75.812	2.04647	0.00000	57757.9	29856.7	0.0	U/P
7.160	9.5254	0.0000	75.822	2.04794	0.00000	58213.7	29955.0	0.0	U/P
7.173	9.5683	0.0000	75.833	2.04942	0.00000	58671.9	30053.3	0.0	U/P
7.187	9.5996	0.0000	75.843	2.05091	0.00000	59131.9	30151.7	0.0	U/P
7.200	9.6223	0.0000	75.853	2.05240	0.00000	59593.3	30250.2	0.0	U/P
7.213	9.6387	0.0000	75.863	2.05390	0.00000	60055.5	30348.8	0.0	U/P
7.227	9.6509	0.0000	75.873	2.05540	0.00000	60518.5	30447.4	0.0	U/P
7.240	9.6598	0.0000	75.884	2.05690	0.00000	60981.9	30546.1	0.0	U/P
7.253	9.6665	0.0000	75.894	2.05840	0.00000	61445.8	30644.8	0.0	U/P
7.267	9.6714	0.0000	75.904	2.05990	0.00000	61909.9	30743.7	0.0	U/P
7.280	9.6753	0.0000	75.915	2.06140	0.00000	62374.2	30842.6	0.0	U/P
7.293	9.6783	0.0000	75.925	2.06290	0.00000	62838.7	30941.6	0.0	U/P
7.307	9.6806	0.0000	75.935	2.06440	0.00000	63303.3	31040.6	0.0	U/P
7.320	9.6823	0.0000	75.945	2.06590	0.00000	63768.0	31139.8	0.0	U/P
7.333	9.6832	0.0000	75.956	2.06740	0.00000	64232.8	31239.0	0.0	U/P
7.347	9.6838	0.0000	75.966	2.06889	0.00000	64697.6	31338.2	0.0	U/P
7.360	9.6843	0.0000	75.976	2.07039	0.00000	65162.4	31437.6	0.0	U/P
7.373	9.6849	0.0000	75.986	2.07188	0.00000	65627.3	31537.0	0.0	U/P
7.387	9.6854	0.0000	75.996	2.07337	0.00000	66092.2	31636.5	0.0	U/P
7.400	9.6859	0.0000	76.007	2.07487	0.00000	66557.1	31736.0	0.0	U/P
7.413	9.6864	0.0000	76.017	2.07638	0.00000	67022.0	31835.7	0.0	U/P
7.427	9.6869	0.0000	76.027	2.07790	0.00000	67487.0	31935.4	0.0	U/P
7.440	9.6874	0.0000	76.037	2.07941	0.00000	67952.0	32035.1	0.0	U/P
7.453	9.6879	0.0000	76.047	2.08092	0.00000	68417.0	32135.0	0.0	U/P
7.467	9.6884	0.0000	76.057	2.08243	0.00000	68882.0	32234.9	0.0	U/P
7.480	9.6888	0.0000	76.068	2.08394	0.00000	69347.0	32334.9	0.0	U/P
7.493	9.6893	0.0000	76.078	2.08545	0.00000	69812.1	32435.0	0.0	U/P
7.507	9.6897	0.0000	76.088	2.08695	0.00000	70277.2	32535.1	0.0	U/P
7.520	9.7136	0.0000	76.098	2.08846	0.00000	70742.9	32635.3	0.0	U/P
7.533	9.8023	0.0000	76.108	2.08997	0.00000	71211.3	32735.6	0.0	U/P
7.547	10.0058	0.0000	76.118	2.09150	0.00000	71686.7	32836.0	0.0	U/P
7.560	10.3273	0.0000	76.129	2.09307	0.00000	72174.7	32936.4	0.0	U/P
7.573	10.7074	0.0000	76.140	2.09469	0.00000	72679.5	33036.9	0.0	U/P
7.587	11.0820	0.0000	76.152	2.09639	0.00000	73202.4	33137.5	0.0	U/P
7.600	11.4106	0.0000	76.164	2.09816	0.00000	73742.3	33238.1	0.0	U/P
7.613	11.6642	0.0000	76.177	2.09999	0.00000	74296.1	33338.9	0.0	U/P
7.627	11.8436	0.0000	76.189	2.10187	0.00000	74860.2	33439.7	0.0	U/P
7.640	11.9707	0.0000	76.202	2.10378	0.00000	75431.8	33540.7	0.0	U/P
7.653	12.0635	0.0000	76.215	2.10571	0.00000	76008.6	33641.7	0.0	U/P
7.667	12.1308	0.0000	76.229	2.10766	0.00000	76589.3	33742.8	0.0	U/P
7.680	12.1794	0.0000	76.242	2.10963	0.00000	77172.7	33844.0	0.0	U/P
7.693	12.2147	0.0000	76.255	2.11160	0.00000	77758.2	33945.3	0.0	U/P
7.707	12.2402	0.0000	76.268	2.11357	0.00000	78345.1	34046.8	0.0	U/P
7.720	12.2587	0.0000	76.282	2.11555	0.00000	78933.1	34148.3	0.0	U/P
7.733	12.2722	0.0000	76.295	2.11753	0.00000	79521.8	34249.8	0.0	U/P
7.747	12.2822	0.0000	76.308	2.11951	0.00000	80111.1	34351.5	0.0	U/P
7.760	12.2895	0.0000	76.322	2.12149	0.00000	80700.8	34453.3	0.0	U/P
7.773	12.2949	0.0000	76.335	2.12347	0.00000	81290.9	34555.2	0.0	U/P
7.787	12.2991	0.0000	76.348	2.12545	0.00000	81881.1	34657.2	0.0	U/P
7.800	12.3024	0.0000	76.361	2.12742	0.00000	82471.5	34759.2	0.0	U/P
7.813	12.3047	0.0000	76.375	2.12940	0.00000	83062.1	34861.4	0.0	U/P
7.827	12.3063	0.0000	76.388	2.13137	0.00000	83652.8	34963.7	0.0	U/P
7.840	12.3070	0.0000	76.401	2.13334	0.00000	84243.5	35066.0	0.0	U/P
7.853	12.3075	0.0000	76.414	2.13531	0.00000	84834.2	35168.5	0.0	U/P
7.867	12.3079	0.0000	76.428	2.13728	0.00000	85425.0	35271.0	0.0	U/P
7.880	12.3083	0.0000	76.441	2.13924	0.00000	86015.8	35373.6	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
7.893	12.3087	0.0000	76.454	2.14121	0.00000	86606.6	35476.4	0.0	U/P
7.907	12.3091	0.0000	76.467	2.14317	0.00000	87197.4	35579.2	0.0	U/P
7.920	12.3095	0.0000	76.480	2.14513	0.00000	87788.3	35682.1	0.0	U/P
7.933	12.3099	0.0000	76.494	2.14708	0.00000	88379.2	35785.1	0.0	U/P
7.947	12.3103	0.0000	76.507	2.14904	0.00000	88970.0	35888.2	0.0	U/P
7.960	12.3107	0.0000	76.520	2.15099	0.00000	89561.0	35991.4	0.0	U/P
7.973	12.3111	0.0000	76.533	2.15294	0.00000	90151.9	36094.7	0.0	U/P
7.987	12.3114	0.0000	76.546	2.15489	0.00000	90742.8	36198.1	0.0	U/P
8.000	12.3344	0.0000	76.559	2.15684	0.00000	91334.3	36301.6	0.0	U/P
8.013	12.4200	0.0000	76.572	2.15879	0.00000	91928.4	36405.2	0.0	U/P
8.027	12.6163	0.0000	76.586	2.16076	0.00000	92529.3	36508.8	0.0	U/P
8.040	12.9265	0.0000	76.599	2.16276	0.00000	93142.3	36612.6	0.0	U/P
8.053	13.2933	0.0000	76.613	2.16482	0.00000	93771.6	36716.5	0.0	U/P
8.067	13.6548	0.0000	76.628	2.16694	0.00000	94418.3	36820.4	0.0	U/P
8.080	13.9718	0.0000	76.643	2.16913	0.00000	95081.4	36924.5	0.0	U/P
8.093	14.2165	0.0000	76.658	2.17137	0.00000	95757.9	37028.7	0.0	U/P
8.107	14.3895	0.0000	76.673	2.17366	0.00000	96444.4	37132.9	0.0	U/P
8.120	14.5121	0.0000	76.689	2.17597	0.00000	97138.1	37237.3	0.0	U/P
8.133	14.6015	0.0000	76.705	2.17831	0.00000	97836.8	37341.8	0.0	U/P
8.147	14.6664	0.0000	76.721	2.18067	0.00000	98539.2	37446.5	0.0	U/P
8.160	14.7132	0.0000	76.737	2.18303	0.00000	99244.3	37551.2	0.0	U/P
8.173	14.7471	0.0000	76.753	2.18540	0.00000	99951.4	37656.0	0.0	U/P
8.187	14.7716	0.0000	76.769	2.18777	0.00000	100659.8	37761.0	0.0	U/P
8.200	14.7893	0.0000	76.785	2.19015	0.00000	101369.3	37866.1	0.0	U/P
8.213	14.8023	0.0000	76.801	2.19252	0.00000	102079.5	37971.2	0.0	U/P
8.227	14.8118	0.0000	76.816	2.19490	0.00000	102790.2	38076.5	0.0	U/P
8.240	14.8187	0.0000	76.832	2.19727	0.00000	103501.4	38181.9	0.0	U/P
8.253	14.8238	0.0000	76.848	2.19964	0.00000	104212.8	38287.5	0.0	U/P
8.267	14.8278	0.0000	76.864	2.20201	0.00000	104924.4	38393.1	0.0	U/P
8.280	14.8308	0.0000	76.880	2.20438	0.00000	105636.2	38498.9	0.0	U/P
8.293	14.8330	0.0000	76.896	2.20675	0.00000	106348.2	38604.7	0.0	U/P
8.307	14.8344	0.0000	76.912	2.20911	0.00000	107060.2	38710.7	0.0	U/P
8.320	14.8350	0.0000	76.928	2.21147	0.00000	107772.2	38816.8	0.0	U/P
8.333	14.8353	0.0000	76.944	2.21382	0.00000	108484.3	38923.0	0.0	U/P
8.347	14.8357	0.0000	76.959	2.21618	0.00000	109196.4	39029.3	0.0	U/P
8.360	14.8360	0.0000	76.975	2.21853	0.00000	109908.5	39135.8	0.0	U/P
8.373	14.8363	0.0000	76.991	2.22088	0.00000	110620.7	39242.3	0.0	U/P
8.387	14.8366	0.0000	77.007	2.22324	0.00000	111332.8	39349.0	0.0	U/P
8.400	14.8369	0.0000	77.023	2.22564	0.00000	112045.0	39455.7	0.0	U/P
8.413	14.8372	0.0000	77.038	2.22806	0.00000	112757.2	39562.6	0.0	U/P
8.427	14.8375	0.0000	77.054	2.23047	0.00000	113469.4	39669.6	0.0	U/P
8.440	14.8377	0.0000	77.070	2.23289	0.00000	114181.6	39776.8	0.0	U/P
8.453	14.8380	0.0000	77.085	2.23530	0.00000	114893.8	39884.0	0.0	U/P
8.467	14.8383	0.0000	77.101	2.23770	0.00000	115606.0	39991.3	0.0	U/P
8.480	14.8385	0.0000	77.117	2.24011	0.00000	116318.3	40098.8	0.0	U/P
8.493	14.8388	0.0000	77.132	2.24251	0.00000	117030.5	40206.4	0.0	U/P
8.507	14.8391	0.0000	77.148	2.24491	0.00000	117742.8	40314.1	0.0	U/P
8.520	14.8393	0.0000	77.163	2.24730	0.00000	118455.1	40421.9	0.0	U/P
8.533	14.8396	0.0000	77.179	2.24969	0.00000	119167.4	40529.8	0.0	U/P
8.547	14.8398	0.0000	77.194	2.25208	0.00000	119879.7	40637.9	0.0	U/P
8.560	14.8400	0.0000	77.210	2.25447	0.00000	120592.0	40746.0	0.0	U/P
8.573	14.8402	0.0000	77.225	2.25685	0.00000	121304.3	40854.3	0.0	U/P
8.587	14.8404	0.0000	77.241	2.25923	0.00000	122016.6	40962.7	0.0	U/P
8.600	14.8407	0.0000	77.256	2.26161	0.00000	122729.0	41071.2	0.0	U/P
8.613	14.8409	0.0000	77.272	2.26398	0.00000	123441.3	41179.8	0.0	U/P
8.627	14.8411	0.0000	77.287	2.26635	0.00000	124153.7	41288.5	0.0	U/P
8.640	14.8413	0.0000	77.303	2.26872	0.00000	124866.1	41397.4	0.0	U/P
8.653	14.8415	0.0000	77.318	2.27109	0.00000	125578.5	41506.3	0.0	U/P
8.667	14.8417	0.0000	77.333	2.27345	0.00000	126290.9	41615.4	0.0	U/P
8.680	14.8419	0.0000	77.349	2.27581	0.00000	127003.3	41724.6	0.0	U/P
8.693	14.8421	0.0000	77.364	2.27817	0.00000	127715.7	41833.9	0.0	U/P
8.707	14.8423	0.0000	77.379	2.28052	0.00000	128428.1	41943.3	0.0	U/P
8.720	14.8425	0.0000	77.395	2.28288	0.00000	129140.6	42052.8	0.0	U/P
8.733	14.8427	0.0000	77.410	2.28522	0.00000	129853.0	42162.4	0.0	U/P
8.747	14.8429	0.0000	77.425	2.28757	0.00000	130565.5	42272.2	0.0	U/P
8.760	14.8431	0.0000	77.440	2.28991	0.00000	131277.9	42382.0	0.0	U/P
8.773	14.8433	0.0000	77.456	2.29225	0.00000	131990.4	42492.0	0.0	U/P
8.787	14.8435	0.0000	77.471	2.29459	0.00000	132702.9	42602.1	0.0	U/P
8.800	14.8437	0.0000	77.486	2.29692	0.00000	133415.4	42712.3	0.0	U/P
8.813	14.8439	0.0000	77.501	2.29926	0.00000	134127.9	42822.6	0.0	U/P
8.827	14.8440	0.0000	77.516	2.30159	0.00000	134840.4	42933.0	0.0	U/P
8.840	14.8442	0.0000	77.531	2.30391	0.00000	135552.9	43043.6	0.0	U/P
8.853	14.8444	0.0000	77.546	2.30624	0.00000	136265.4	43154.2	0.0	U/P
8.867	14.8445	0.0000	77.561	2.30856	0.00000	136978.0	43265.0	0.0	U/P

Detailed Results (cont.d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
8.880	14.8447	0.0000	77.577	2.31087	0.00000	137690.5	43375.8	0.0	U/P
8.893	14.8449	0.0000	77.592	2.31319	0.00000	138403.0	43486.8	0.0	U/P
8.907	14.8450	0.0000	77.607	2.31550	0.00000	139115.6	43597.9	0.0	U/P
8.920	14.8452	0.0000	77.622	2.31781	0.00000	139828.2	43709.1	0.0	U/P
8.933	14.8454	0.0000	77.637	2.32012	0.00000	140540.7	43820.4	0.0	U/P
8.947	14.8455	0.0000	77.652	2.32243	0.00000	141253.3	43931.8	0.0	U/P
8.960	14.8457	0.0000	77.667	2.32473	0.00000	141965.9	44043.4	0.0	U/P
8.973	14.8458	0.0000	77.682	2.32703	0.00000	142678.5	44155.0	0.0	U/P
8.987	14.8460	0.0000	77.696	2.32932	0.00000	143391.1	44266.8	0.0	U/P
9.000	14.8461	0.0000	77.711	2.33162	0.00000	144103.7	44378.6	0.0	U/P
9.013	14.7795	0.0000	77.726	2.33391	0.00000	144814.7	44490.6	0.0	U/P
9.027	14.5726	0.0000	77.741	2.33618	0.00000	145519.2	44602.7	0.0	U/P
9.040	14.1320	0.0000	77.755	2.33840	0.00000	146208.1	44714.9	0.0	U/P
9.053	13.5111	0.0000	77.769	2.34055	0.00000	146871.5	44827.2	0.0	U/P
9.067	12.8434	0.0000	77.782	2.34258	0.00000	147504.0	44939.6	0.0	U/P
9.080	12.2225	0.0000	77.794	2.34450	0.00000	148105.6	45052.0	0.0	U/P
9.093	11.7017	0.0000	77.805	2.34630	0.00000	148679.8	45164.6	0.0	U/P
9.107	11.3278	0.0000	77.816	2.34801	0.00000	149232.5	45277.3	0.0	U/P
9.120	11.0675	0.0000	77.826	2.34965	0.00000	149770.0	45390.0	0.0	U/P
9.133	10.8806	0.0000	77.837	2.35124	0.00000	150296.8	45502.9	0.0	U/P
9.147	10.7424	0.0000	77.847	2.35279	0.00000	150815.7	45615.8	0.0	U/P
9.160	10.6443	0.0000	77.856	2.35431	0.00000	151329.0	45728.7	0.0	U/P
9.173	10.5729	0.0000	77.866	2.35582	0.00000	151838.2	45841.8	0.0	U/P
9.187	10.5216	0.0000	77.876	2.35731	0.00000	152344.5	45954.9	0.0	U/P
9.200	10.4849	0.0000	77.885	2.35879	0.00000	152848.6	46068.1	0.0	U/P
9.213	10.4583	0.0000	77.895	2.36026	0.00000	153351.3	46181.3	0.0	U/P
9.227	10.4390	0.0000	77.904	2.36172	0.00000	153852.8	46294.6	0.0	U/P
9.240	10.4250	0.0000	77.914	2.36318	0.00000	154353.5	46408.0	0.0	U/P
9.253	10.4150	0.0000	77.923	2.36464	0.00000	154853.7	46521.5	0.0	U/P
9.267	10.4077	0.0000	77.933	2.36609	0.00000	155353.4	46635.1	0.0	U/P
9.280	10.4021	0.0000	77.942	2.36754	0.00000	155852.9	46748.7	0.0	U/P
9.293	10.3980	0.0000	77.952	2.36899	0.00000	156352.1	46862.3	0.0	U/P
9.307	10.3954	0.0000	77.961	2.37044	0.00000	156851.1	46976.1	0.0	U/P
9.320	10.3941	0.0000	77.971	2.37189	0.00000	157350.0	47089.9	0.0	U/P
9.333	10.3941	0.0000	77.980	2.37333	0.00000	157849.0	47203.8	0.0	U/P
9.347	10.3942	0.0000	77.989	2.37477	0.00000	158347.9	47317.7	0.0	U/P
9.360	10.3942	0.0000	77.999	2.37622	0.00000	158846.8	47431.8	0.0	U/P
9.373	10.3943	0.0000	78.008	2.37768	0.00000	159345.7	47545.9	0.0	U/P
9.387	10.3944	0.0000	78.017	2.37916	0.00000	159844.7	47660.0	0.0	U/P
9.400	10.3944	0.0000	78.027	2.38065	0.00000	160343.6	47774.3	0.0	U/P
9.413	10.3945	0.0000	78.036	2.38213	0.00000	160842.5	47888.6	0.0	U/P
9.427	10.3945	0.0000	78.045	2.38361	0.00000	161341.5	48002.9	0.0	U/P
9.440	10.3946	0.0000	78.055	2.38509	0.00000	161840.4	48117.4	0.0	U/P
9.453	10.3946	0.0000	78.064	2.38658	0.00000	162339.3	48231.9	0.0	U/P
9.467	10.3947	0.0000	78.073	2.38806	0.00000	162838.3	48346.5	0.0	U/P
9.480	10.3947	0.0000	78.083	2.38953	0.00000	163337.2	48461.2	0.0	U/P
9.493	10.3948	0.0000	78.092	2.39101	0.00000	163836.2	48575.9	0.0	U/P
9.507	10.3936	0.0000	78.101	2.39249	0.00000	164335.1	48690.7	0.0	U/P
9.520	10.3850	0.0000	78.111	2.39396	0.00000	164833.8	48805.6	0.0	U/P
9.533	10.3620	0.0000	78.120	2.39543	0.00000	165331.7	48920.5	0.0	U/P
9.547	10.3187	0.0000	78.129	2.39690	0.00000	165828.0	49035.5	0.0	U/P
9.560	10.2614	0.0000	78.138	2.39836	0.00000	166322.0	49150.6	0.0	U/P
9.573	10.2015	0.0000	78.147	2.39980	0.00000	166813.1	49265.8	0.0	U/P
9.587	10.1469	0.0000	78.156	2.40123	0.00000	167301.4	49381.0	0.0	U/P
9.600	10.1023	0.0000	78.165	2.40266	0.00000	167787.4	49496.3	0.0	U/P
9.613	10.0704	0.0000	78.174	2.40407	0.00000	168271.6	49611.7	0.0	U/P
9.627	10.0480	0.0000	78.183	2.40548	0.00000	168754.4	49727.1	0.0	U/P
9.640	10.0320	0.0000	78.192	2.40688	0.00000	169236.3	49842.6	0.0	U/P
9.653	10.0202	0.0000	78.200	2.40828	0.00000	169717.6	49958.1	0.0	U/P
9.667	10.0118	0.0000	78.209	2.40967	0.00000	170198.3	50073.8	0.0	U/P
9.680	10.0057	0.0000	78.218	2.41106	0.00000	170678.8	50189.5	0.0	U/P
9.693	10.0013	0.0000	78.227	2.41245	0.00000	171158.9	50305.2	0.0	U/P
9.707	9.9982	0.0000	78.235	2.41384	0.00000	171638.9	50421.1	0.0	U/P
9.720	9.9959	0.0000	78.244	2.41522	0.00000	172118.8	50537.0	0.0	U/P
9.733	9.9943	0.0000	78.253	2.41661	0.00000	172598.5	50652.9	0.0	U/P
9.747	9.9931	0.0000	78.262	2.41799	0.00000	173078.2	50769.0	0.0	U/P
9.760	9.9923	0.0000	78.270	2.41937	0.00000	173557.9	50885.1	0.0	U/P
9.773	9.9917	0.0000	78.279	2.42075	0.00000	174037.5	51001.2	0.0	U/P
9.787	9.9913	0.0000	78.288	2.42213	0.00000	174517.1	51117.5	0.0	U/P
9.800	9.9909	0.0000	78.296	2.42351	0.00000	174996.7	51233.7	0.0	U/P
9.813	9.9908	0.0000	78.305	2.42489	0.00000	175476.2	51350.1	0.0	U/P
9.827	9.9907	0.0000	78.314	2.42626	0.00000	175955.8	51466.5	0.0	U/P
9.840	9.9907	0.0000	78.322	2.42764	0.00000	176435.3	51583.0	0.0	U/P
9.853	9.9908	0.0000	78.331	2.42901	0.00000	176914.9	51699.6	0.0	U/P

Detailed Results (cont.d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
9.867	9.9908	0.0000	78.340	2.43038	0.00000	177394.5	51816.2	0.0	U/P
9.880	9.9909	0.0000	78.348	2.43176	0.00000	177874.0	51932.9	0.0	U/P
9.893	9.9909	0.0000	78.357	2.43313	0.00000	178353.6	52049.7	0.0	U/P
9.907	9.9909	0.0000	78.365	2.43450	0.00000	178833.1	52166.5	0.0	U/P
9.920	9.9910	0.0000	78.374	2.43586	0.00000	179312.7	52283.4	0.0	U/P
9.933	9.9910	0.0000	78.383	2.43723	0.00000	179792.3	52400.3	0.0	U/P
9.947	9.9910	0.0000	78.391	2.43860	0.00000	180271.8	52517.3	0.0	U/P
9.960	9.9911	0.0000	78.400	2.43997	0.00000	180751.4	52634.4	0.0	U/P
9.973	9.9911	0.0000	78.409	2.44133	0.00000	181231.0	52751.6	0.0	U/P
9.987	9.9911	0.0000	78.417	2.44269	0.00000	181710.5	52868.8	0.0	U/P
10.000	9.9912	0.0000	78.426	2.44406	0.00000	182190.1	52986.1	0.0	U/P
10.013	9.9621	0.0000	78.434	2.44542	0.00000	182669.0	53103.4	0.0	U/P
10.027	9.8280	0.0000	78.443	2.44677	0.00000	183144.0	53220.8	0.0	U/P
10.040	9.5001	0.0000	78.451	2.44809	0.00000	183607.8	53338.3	0.0	U/P
10.053	8.9404	0.0000	78.459	2.44935	0.00000	184050.4	53455.9	0.0	U/P
10.067	8.2423	0.0000	78.466	2.45051	0.00000	184462.8	53573.5	0.0	U/P
10.080	7.5340	0.0000	78.472	2.45155	0.00000	184841.4	53691.1	0.0	U/P
10.093	6.9000	0.0000	78.477	2.45247	0.00000	185187.8	53808.8	0.0	U/P
10.107	6.3957	0.0000	78.482	2.45328	0.00000	185506.9	53926.5	0.0	U/P
10.120	6.0372	0.0000	78.486	2.45399	0.00000	185805.3	54044.3	0.0	U/P
10.133	5.7850	0.0000	78.490	2.45464	0.00000	186089.1	54162.1	0.0	U/P
10.147	5.6023	0.0000	78.494	2.45524	0.00000	186362.4	54280.0	0.0	U/P
10.160	5.4689	0.0000	78.497	2.45581	0.00000	186628.1	54397.8	0.0	U/P
10.173	5.3735	0.0000	78.501	2.45635	0.00000	186888.3	54515.7	0.0	U/P
10.187	5.3042	0.0000	78.504	2.45688	0.00000	187144.5	54633.6	0.0	U/P
10.200	5.2545	0.0000	78.507	2.45739	0.00000	187398.0	54751.6	0.0	U/P
10.213	5.2188	0.0000	78.510	2.45789	0.00000	187649.3	54869.6	0.0	U/P
10.227	5.1929	0.0000	78.513	2.45839	0.00000	187899.2	54987.5	0.0	U/P
10.240	5.1741	0.0000	78.516	2.45888	0.00000	188148.0	55105.6	0.0	U/P
10.253	5.1606	0.0000	78.519	2.45937	0.00000	188396.0	55223.6	0.0	U/P
10.267	5.1508	0.0000	78.522	2.45985	0.00000	188643.5	55341.7	0.0	U/P
10.280	5.1435	0.0000	78.525	2.46033	0.00000	188890.6	55459.7	0.0	U/P
10.293	5.1379	0.0000	78.528	2.46081	0.00000	189137.3	55577.8	0.0	U/P
10.307	5.1341	0.0000	78.531	2.46129	0.00000	189383.9	55696.0	0.0	U/P
10.320	5.1317	0.0000	78.534	2.46177	0.00000	189630.2	55814.1	0.0	U/P
10.333	5.1309	0.0000	78.537	2.46225	0.00000	189876.5	55932.3	0.0	U/P
10.347	5.1309	0.0000	78.540	2.46273	0.00000	190122.8	56050.5	0.0	U/P
10.360	5.1309	0.0000	78.544	2.46321	0.00000	190369.1	56168.7	0.0	U/P
10.373	5.1309	0.0000	78.547	2.46369	0.00000	190615.4	56287.0	0.0	U/P
10.387	5.1309	0.0000	78.550	2.46416	0.00000	190861.7	56405.2	0.0	U/P
10.400	5.1309	0.0000	78.553	2.46464	0.00000	191108.0	56523.5	0.0	U/P
10.413	5.1309	0.0000	78.556	2.46512	0.00000	191354.2	56641.8	0.0	U/P
10.427	5.1309	0.0000	78.559	2.46559	0.00000	191600.5	56760.2	0.0	U/P
10.440	5.1309	0.0000	78.562	2.46607	0.00000	191846.8	56878.5	0.0	U/P
10.453	5.1310	0.0000	78.565	2.46655	0.00000	192093.1	56996.9	0.0	U/P
10.467	5.1310	0.0000	78.568	2.46702	0.00000	192339.4	57115.3	0.0	U/P
10.480	5.1310	0.0000	78.571	2.46750	0.00000	192585.7	57233.8	0.0	U/P
10.493	5.1310	0.0000	78.574	2.46798	0.00000	192832.0	57352.2	0.0	U/P
10.507	5.1310	0.0000	78.577	2.46845	0.00000	193078.2	57470.7	0.0	U/P
10.520	5.1358	0.0000	78.580	2.46893	0.00000	193324.6	57589.2	0.0	U/P
10.533	5.1542	0.0000	78.583	2.46941	0.00000	193571.6	57707.7	0.0	U/P
10.547	5.1963	0.0000	78.586	2.46989	0.00000	193820.0	57826.3	0.0	U/P
10.560	5.2629	0.0000	78.589	2.47037	0.00000	194071.0	57944.8	0.0	U/P
10.573	5.3416	0.0000	78.592	2.47087	0.00000	194325.5	58063.4	0.0	U/P
10.587	5.4192	0.0000	78.595	2.47139	0.00000	194583.8	58182.0	0.0	U/P
10.600	5.4872	0.0000	78.598	2.47191	0.00000	194845.5	58300.7	0.0	U/P
10.613	5.5397	0.0000	78.602	2.47245	0.00000	195110.2	58419.3	0.0	U/P
10.627	5.5768	0.0000	78.605	2.47299	0.00000	195377.0	58538.0	0.0	U/P
10.640	5.6030	0.0000	78.609	2.47355	0.00000	195645.3	58656.7	0.0	U/P
10.653	5.6222	0.0000	78.612	2.47411	0.00000	195914.7	58775.5	0.0	U/P
10.667	5.6360	0.0000	78.616	2.47467	0.00000	196184.9	58894.2	0.0	U/P
10.680	5.6460	0.0000	78.619	2.47523	0.00000	196455.7	59013.0	0.0	U/P
10.693	5.6532	0.0000	78.623	2.47579	0.00000	196726.9	59131.9	0.0	U/P
10.707	5.6584	0.0000	78.627	2.47636	0.00000	196998.3	59250.7	0.0	U/P
10.720	5.6621	0.0000	78.630	2.47693	0.00000	197270.0	59369.6	0.0	U/P
10.733	5.6648	0.0000	78.634	2.47749	0.00000	197541.9	59488.5	0.0	U/P
10.747	5.6668	0.0000	78.637	2.47806	0.00000	197813.8	59607.4	0.0	U/P
10.760	5.6682	0.0000	78.641	2.47863	0.00000	198085.9	59726.4	0.0	U/P
10.773	5.6692	0.0000	78.644	2.47920	0.00000	198358.0	59845.4	0.0	U/P
10.787	5.6700	0.0000	78.648	2.47976	0.00000	198630.1	59964.4	0.0	U/P
10.800	5.6706	0.0000	78.652	2.48033	0.00000	198902.3	60083.4	0.0	U/P
10.813	5.6710	0.0000	78.655	2.48090	0.00000	199174.5	60202.5	0.0	U/P
10.827	5.6713	0.0000	78.659	2.48147	0.00000	199446.7	60321.6	0.0	U/P
10.840	5.6713	0.0000	78.662	2.48203	0.00000	199718.9	60440.7	0.0	U/P

Detailed Results (cont.d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
10.853	5.6713	0.0000	78.666	2.48260	0.00000	199991.2	60559.9	0.0	U/P
10.867	5.6713	0.0000	78.669	2.48317	0.00000	200263.4	60679.1	0.0	U/P
10.880	5.6714	0.0000	78.673	2.48373	0.00000	200535.6	60798.3	0.0	U/P
10.893	5.6714	0.0000	78.677	2.48430	0.00000	200807.8	60917.5	0.0	U/P
10.907	5.6714	0.0000	78.680	2.48486	0.00000	201080.0	61036.8	0.0	U/P
10.920	5.6714	0.0000	78.684	2.48543	0.00000	201352.3	61156.0	0.0	U/P
10.933	5.6714	0.0000	78.687	2.48600	0.00000	201624.5	61275.4	0.0	U/P
10.947	5.6714	0.0000	78.691	2.48656	0.00000	201896.7	61394.7	0.0	U/P
10.960	5.6714	0.0000	78.694	2.48713	0.00000	202169.0	61514.1	0.0	U/P
10.973	5.6714	0.0000	78.698	2.48769	0.00000	202441.2	61633.5	0.0	U/P
10.987	5.6714	0.0000	78.702	2.48825	0.00000	202713.4	61752.9	0.0	U/P
11.000	5.6496	0.0000	78.705	2.48882	0.00000	202985.1	61872.3	0.0	U/P
11.013	5.5672	0.0000	78.709	2.48938	0.00000	203254.3	61991.8	0.0	U/P
11.027	5.3777	0.0000	78.712	2.48992	0.00000	203517.0	62111.3	0.0	U/P
11.040	5.0781	0.0000	78.715	2.49042	0.00000	203767.9	62230.8	0.0	U/P
11.053	4.7239	0.0000	78.718	2.49088	0.00000	204003.2	62350.4	0.0	U/P
11.067	4.3748	0.0000	78.720	2.49127	0.00000	204221.6	62470.0	0.0	U/P
11.080	4.0687	0.0000	78.722	2.49161	0.00000	204424.2	62589.6	0.0	U/P
11.093	3.8325	0.0000	78.723	2.49189	0.00000	204613.8	62709.2	0.0	U/P
11.107	3.6656	0.0000	78.725	2.49213	0.00000	204793.8	62828.8	0.0	U/P
11.120	3.5475	0.0000	78.726	2.49234	0.00000	204966.9	62948.4	0.0	U/P
11.133	3.4615	0.0000	78.727	2.49253	0.00000	205135.1	63068.0	0.0	U/P
11.147	3.3992	0.0000	78.728	2.49270	0.00000	205299.8	63187.7	0.0	U/P
11.160	3.3543	0.0000	78.729	2.49286	0.00000	205461.9	63307.3	0.0	U/P
11.173	3.3219	0.0000	78.730	2.49302	0.00000	205622.1	63427.0	0.0	U/P
11.187	3.2986	0.0000	78.731	2.49316	0.00000	205781.0	63546.7	0.0	U/P
11.200	3.2819	0.0000	78.732	2.49331	0.00000	205938.9	63666.4	0.0	U/P
11.213	3.2697	0.0000	78.733	2.49345	0.00000	206096.2	63786.0	0.0	U/P
11.227	3.2609	0.0000	78.734	2.49358	0.00000	206252.9	63905.7	0.0	U/P
11.240	3.2546	0.0000	78.735	2.49372	0.00000	206409.3	64025.4	0.0	U/P
11.253	3.2500	0.0000	78.735	2.49385	0.00000	206565.4	64145.1	0.0	U/P
11.267	3.2465	0.0000	78.736	2.49399	0.00000	206721.3	64264.8	0.0	U/P
11.280	3.2439	0.0000	78.737	2.49412	0.00000	206877.0	64384.5	0.0	U/P
11.293	3.2421	0.0000	78.738	2.49425	0.00000	207032.7	64504.3	0.0	U/P
11.307	3.2411	0.0000	78.739	2.49439	0.00000	207188.3	64624.0	0.0	U/P
11.320	3.2408	0.0000	78.740	2.49452	0.00000	207343.9	64743.7	0.0	U/P
11.333	3.2408	0.0000	78.740	2.49465	0.00000	207499.4	64863.5	0.0	U/P
11.347	3.2408	0.0000	78.741	2.49478	0.00000	207655.0	64983.2	0.0	U/P
11.360	3.2408	0.0000	78.742	2.49491	0.00000	207810.5	65103.0	0.0	U/P
11.373	3.2408	0.0000	78.743	2.49505	0.00000	207966.1	65222.7	0.0	U/P
11.387	3.2408	0.0000	78.744	2.49518	0.00000	208121.7	65342.5	0.0	U/P
11.400	3.2408	0.0000	78.745	2.49531	0.00000	208277.2	65462.3	0.0	U/P
11.413	3.2408	0.0000	78.745	2.49544	0.00000	208432.8	65582.0	0.0	U/P
11.427	3.2408	0.0000	78.746	2.49557	0.00000	208588.3	65701.8	0.0	U/P
11.440	3.2408	0.0000	78.747	2.49570	0.00000	208743.9	65821.6	0.0	U/P
11.453	3.2408	0.0000	78.748	2.49584	0.00000	208899.5	65941.4	0.0	U/P
11.467	3.2408	0.0000	78.749	2.49597	0.00000	209055.0	66061.2	0.0	U/P
11.480	3.2408	0.0000	78.750	2.49610	0.00000	209210.6	66181.0	0.0	U/P
11.493	3.2408	0.0000	78.750	2.49623	0.00000	209366.1	66300.8	0.0	U/P
11.507	3.2392	0.0000	78.751	2.49636	0.00000	209521.7	66420.7	0.0	U/P
11.520	3.2338	0.0000	78.752	2.49649	0.00000	209677.0	66540.5	0.0	U/P
11.533	3.2219	0.0000	78.753	2.49662	0.00000	209832.0	66660.3	0.0	U/P
11.547	3.2042	0.0000	78.754	2.49675	0.00000	209986.2	66780.2	0.0	U/P
11.560	3.1842	0.0000	78.754	2.49688	0.00000	210139.5	66900.0	0.0	U/P
11.573	3.1652	0.0000	78.755	2.49700	0.00000	210291.9	67019.9	0.0	U/P
11.587	3.1488	0.0000	78.756	2.49712	0.00000	210443.4	67139.7	0.0	U/P
11.600	3.1366	0.0000	78.757	2.49723	0.00000	210594.3	67259.6	0.0	U/P
11.613	3.1280	0.0000	78.757	2.49734	0.00000	210744.6	67379.5	0.0	U/P
11.627	3.1219	0.0000	78.758	2.49746	0.00000	210894.6	67499.3	0.0	U/P
11.640	3.1174	0.0000	78.759	2.49757	0.00000	211044.4	67619.2	0.0	U/P
11.653	3.1142	0.0000	78.759	2.49768	0.00000	211193.9	67739.1	0.0	U/P
11.667	3.1119	0.0000	78.760	2.49778	0.00000	211343.3	67859.0	0.0	U/P
11.680	3.1102	0.0000	78.761	2.49789	0.00000	211492.7	67978.9	0.0	U/P
11.693	3.1090	0.0000	78.761	2.49800	0.00000	211641.9	68098.8	0.0	U/P
11.707	3.1082	0.0000	78.762	2.49811	0.00000	211791.2	68218.7	0.0	U/P
11.720	3.1075	0.0000	78.763	2.49822	0.00000	211940.3	68338.6	0.0	U/P
11.733	3.1071	0.0000	78.763	2.49832	0.00000	212089.5	68458.5	0.0	U/P
11.747	3.1067	0.0000	78.764	2.49843	0.00000	212238.6	68578.5	0.0	U/P
11.760	3.1065	0.0000	78.765	2.49854	0.00000	212387.7	68698.4	0.0	U/P
11.773	3.1063	0.0000	78.766	2.49865	0.00000	212536.8	68818.3	0.0	U/P
11.787	3.1062	0.0000	78.766	2.49875	0.00000	212685.9	68938.2	0.0	U/P
11.800	3.1061	0.0000	78.767	2.49886	0.00000	212835.0	69058.2	0.0	U/P
11.813	3.1061	0.0000	78.768	2.49897	0.00000	212984.1	69178.1	0.0	U/P
11.827	3.1061	0.0000	78.768	2.49908	0.00000	213133.2	69298.1	0.0	U/P

Detailed Results (cont.d.) :: *Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
11.840	3.1061	0.0000	78.769	2.49918	0.00000	213282.3	69418.0	0.0	U/P
11.853	3.1061	0.0000	78.770	2.49929	0.00000	213431.4	69538.0	0.0	U/P
11.867	3.1061	0.0000	78.770	2.49940	0.00000	213580.5	69658.0	0.0	U/P
11.880	3.1061	0.0000	78.771	2.49950	0.00000	213729.6	69778.0	0.0	U/P
11.893	3.1061	0.0000	78.772	2.49961	0.00000	213878.7	69897.9	0.0	U/P
11.907	3.1061	0.0000	78.772	2.49972	0.00000	214027.8	70017.9	0.0	U/P
11.920	3.1061	0.0000	78.773	2.49983	0.00000	214176.8	70137.9	0.0	U/P
11.933	3.1061	0.0000	78.774	2.49993	0.00000	214325.9	70257.9	0.0	U/P
11.947	3.1061	0.0000	78.774	2.50004	0.00000	214475.0	70377.9	0.0	U/P
11.960	3.1061	0.0000	78.775	2.50015	0.00000	214624.1	70497.9	0.0	U/P
11.973	3.1061	0.0000	78.776	2.50025	0.00000	214773.2	70617.9	0.0	U/P
11.987	3.1061	0.0000	78.776	2.50036	0.00000	214922.3	70737.9	0.0	U/P
12.000	3.1061	0.0000	78.777	2.50047	0.00000	215071.4	70857.9	0.0	U/P
12.013	3.1081	0.0000	78.778	2.50057	0.00000	215220.5	70978.0	0.0	U/P
12.027	3.1144	0.0000	78.778	2.50068	0.00000	215369.9	71098.0	0.0	U/P
12.040	3.1277	0.0000	78.779	2.50079	0.00000	215519.7	71218.0	0.0	U/P
12.053	3.1465	0.0000	78.780	2.50090	0.00000	215670.3	71338.1	0.0	U/P
12.067	3.1667	0.0000	78.780	2.50101	0.00000	215821.8	71458.1	0.0	U/P
12.080	3.1855	0.0000	78.781	2.50113	0.00000	215974.2	71578.2	0.0	U/P
12.093	3.2013	0.0000	78.782	2.50125	0.00000	216127.5	71698.2	0.0	U/P
12.107	3.2126	0.0000	78.783	2.50138	0.00000	216281.5	71818.3	0.0	U/P
12.120	3.2205	0.0000	78.784	2.50150	0.00000	216435.9	71938.4	0.0	U/P
12.133	3.2262	0.0000	78.784	2.50163	0.00000	216590.6	72058.4	0.0	U/P
12.147	3.2304	0.0000	78.785	2.50176	0.00000	216745.5	72178.5	0.0	U/P
12.160	3.2333	0.0000	78.786	2.50188	0.00000	216900.7	72298.6	0.0	U/P
12.173	3.2355	0.0000	78.787	2.50201	0.00000	217055.9	72418.7	0.0	U/P
12.187	3.2371	0.0000	78.788	2.50214	0.00000	217211.3	72538.8	0.0	U/P
12.200	3.2382	0.0000	78.788	2.50227	0.00000	217366.7	72658.9	0.0	U/P
12.213	3.2390	0.0000	78.789	2.50240	0.00000	217522.1	72779.0	0.0	U/P
12.227	3.2396	0.0000	78.790	2.50253	0.00000	217677.6	72899.1	0.0	U/P
12.240	3.2400	0.0000	78.791	2.50266	0.00000	217833.1	73019.3	0.0	U/P
12.253	3.2403	0.0000	78.792	2.50279	0.00000	217988.6	73139.4	0.0	U/P
12.267	3.2405	0.0000	78.792	2.50292	0.00000	218144.2	73259.5	0.0	U/P
12.280	3.2407	0.0000	78.793	2.50305	0.00000	218299.7	73379.7	0.0	U/P
12.293	3.2408	0.0000	78.794	2.50318	0.00000	218455.3	73499.8	0.0	U/P
12.307	3.2409	0.0000	78.795	2.50331	0.00000	218610.9	73620.0	0.0	U/P
12.320	3.2410	0.0000	78.796	2.50344	0.00000	218766.4	73740.1	0.0	U/P
12.333	3.2410	0.0000	78.797	2.50357	0.00000	218922.0	73860.3	0.0	U/P
12.347	3.2410	0.0000	78.797	2.50370	0.00000	219077.5	73980.5	0.0	U/P
12.360	3.2410	0.0000	78.798	2.50383	0.00000	219233.1	74100.7	0.0	U/P
12.373	3.2410	0.0000	78.799	2.50396	0.00000	219388.7	74220.8	0.0	U/P
12.387	3.2410	0.0000	78.800	2.50409	0.00000	219544.3	74341.0	0.0	U/P
12.400	3.2410	0.0000	78.801	2.50422	0.00000	219699.8	74461.2	0.0	U/P
12.413	3.2410	0.0000	78.801	2.50435	0.00000	219855.4	74581.5	0.0	U/P
12.427	3.2410	0.0000	78.802	2.50448	0.00000	220011.0	74701.7	0.0	U/P
12.440	3.2410	0.0000	78.803	2.50461	0.00000	220166.5	74821.9	0.0	U/P
12.453	3.2410	0.0000	78.804	2.50474	0.00000	220322.1	74942.1	0.0	U/P
12.467	3.2410	0.0000	78.805	2.50487	0.00000	220477.7	75062.3	0.0	U/P
12.480	3.2410	0.0000	78.806	2.50500	0.00000	220633.2	75182.6	0.0	U/P
12.493	3.2410	0.0000	78.806	2.50513	0.00000	220788.8	75302.8	0.0	U/P
12.507	3.2406	0.0000	78.807	2.50526	0.00000	220944.3	75423.1	0.0	U/P
12.520	3.2377	0.0000	78.808	2.50539	0.00000	221099.8	75543.3	0.0	U/P
12.533	3.2300	0.0000	78.809	2.50552	0.00000	221255.1	75663.6	0.0	U/P
12.547	3.2156	0.0000	78.810	2.50564	0.00000	221409.8	75783.8	0.0	U/P
12.560	3.1965	0.0000	78.810	2.50577	0.00000	221563.6	75904.1	0.0	U/P
12.573	3.1765	0.0000	78.811	2.50589	0.00000	221716.6	76024.4	0.0	U/P
12.587	3.1583	0.0000	78.812	2.50601	0.00000	221868.6	76144.7	0.0	U/P
12.600	3.1434	0.0000	78.813	2.50612	0.00000	222019.9	76265.0	0.0	U/P
12.613	3.1328	0.0000	78.813	2.50623	0.00000	222170.5	76385.3	0.0	U/P
12.627	3.1253	0.0000	78.814	2.50634	0.00000	222320.7	76505.6	0.0	U/P
12.640	3.1200	0.0000	78.815	2.50645	0.00000	222470.6	76625.9	0.0	U/P
12.653	3.1160	0.0000	78.815	2.50656	0.00000	222620.3	76746.2	0.0	U/P
12.667	3.1132	0.0000	78.816	2.50667	0.00000	222769.8	76866.5	0.0	U/P
12.680	3.1112	0.0000	78.817	2.50678	0.00000	222919.1	76986.8	0.0	U/P
12.693	3.1097	0.0000	78.817	2.50688	0.00000	223068.4	77107.2	0.0	U/P
12.707	3.1086	0.0000	78.818	2.50699	0.00000	223217.7	77227.5	0.0	U/P
12.720	3.1079	0.0000	78.819	2.50709	0.00000	223366.9	77347.8	0.0	U/P
12.733	3.1073	0.0000	78.819	2.50720	0.00000	223516.0	77468.2	0.0	U/P
12.747	3.1069	0.0000	78.820	2.50731	0.00000	223665.2	77588.5	0.0	U/P
12.760	3.1066	0.0000	78.821	2.50741	0.00000	223814.3	77708.9	0.0	U/P
12.773	3.1064	0.0000	78.821	2.50752	0.00000	223963.4	77829.2	0.0	U/P
12.787	3.1063	0.0000	78.822	2.50762	0.00000	224112.5	77949.6	0.0	U/P
12.800	3.1062	0.0000	78.823	2.50773	0.00000	224261.6	78070.0	0.0	U/P
12.813	3.1061	0.0000	78.823	2.50783	0.00000	224410.7	78190.3	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
12.827	3.1061	0.0000	78.824	2.50794	0.00000	224559.8	78310.7	0.0	U/P
12.840	3.1061	0.0000	78.825	2.50804	0.00000	224708.9	78431.1	0.0	U/P
12.853	3.1061	0.0000	78.825	2.50815	0.00000	224858.0	78551.5	0.0	U/P
12.867	3.1061	0.0000	78.826	2.50825	0.00000	225007.1	78671.9	0.0	U/P
12.880	3.1061	0.0000	78.827	2.50836	0.00000	225156.2	78792.3	0.0	U/P
12.893	3.1061	0.0000	78.827	2.50846	0.00000	225305.3	78912.7	0.0	U/P
12.907	3.1061	0.0000	78.828	2.50857	0.00000	225454.3	79033.1	0.0	U/P
12.920	3.1061	0.0000	78.829	2.50867	0.00000	225603.4	79153.5	0.0	U/P
12.933	3.1061	0.0000	78.829	2.50878	0.00000	225752.5	79273.9	0.0	U/P
12.947	3.1061	0.0000	78.830	2.50888	0.00000	225901.6	79394.3	0.0	U/P
12.960	3.1061	0.0000	78.831	2.50899	0.00000	226050.7	79514.8	0.0	U/P
12.973	3.1061	0.0000	78.831	2.50909	0.00000	226199.8	79635.2	0.0	U/P
12.987	3.1061	0.0000	78.832	2.50920	0.00000	226348.9	79755.7	0.0	U/P
13.000	3.1061	0.0000	78.833	2.50930	0.00000	226498.0	79876.1	0.0	U/P
13.013	3.1004	0.0000	78.833	2.50941	0.00000	226646.9	79996.5	0.0	U/P
13.027	3.0743	0.0000	78.834	2.50951	0.00000	226795.1	80117.0	0.0	U/P
13.040	3.0106	0.0000	78.834	2.50961	0.00000	226941.2	80237.5	0.0	U/P
13.053	2.9017	0.0000	78.835	2.50969	0.00000	227083.1	80357.9	0.0	U/P
13.067	2.7660	0.0000	78.835	2.50976	0.00000	227219.1	80478.4	0.0	U/P
13.080	2.6282	0.0000	78.836	2.50981	0.00000	227348.6	80598.9	0.0	U/P
13.093	2.5049	0.0000	78.836	2.50983	0.00000	227471.8	80719.3	0.0	U/P
13.107	2.4069	0.0000	78.836	2.50983	0.00000	227589.6	80839.8	0.0	U/P
13.120	2.3371	0.0000	78.835	2.50981	0.00000	227703.5	80960.3	0.0	U/P
13.133	2.2881	0.0000	78.835	2.50978	0.00000	227814.5	81080.7	0.0	U/P
13.147	2.2526	0.0000	78.835	2.50974	0.00000	227923.5	81201.2	0.0	U/P
13.160	2.2266	0.0000	78.835	2.50970	0.00000	228031.0	81321.7	0.0	U/P
13.173	2.2081	0.0000	78.834	2.50965	0.00000	228137.4	81442.1	0.0	U/P
13.187	2.1946	0.0000	78.834	2.50960	0.00000	228243.1	81562.6	0.0	U/P
13.200	2.1849	0.0000	78.834	2.50954	0.00000	228348.2	81683.1	0.0	U/P
13.213	2.1780	0.0000	78.833	2.50949	0.00000	228452.9	81803.5	0.0	U/P
13.227	2.1729	0.0000	78.833	2.50943	0.00000	228557.3	81924.0	0.0	U/P
13.240	2.1693	0.0000	78.832	2.50937	0.00000	228661.5	82044.4	0.0	U/P
13.253	2.1667	0.0000	78.832	2.50931	0.00000	228765.6	82164.9	0.0	U/P
13.267	2.1648	0.0000	78.832	2.50925	0.00000	228869.5	82285.3	0.0	U/P
13.280	2.1633	0.0000	78.831	2.50919	0.00000	228973.4	82405.8	0.0	U/P
13.293	2.1623	0.0000	78.831	2.50913	0.00000	229077.2	82526.2	0.0	U/P
13.307	2.1615	0.0000	78.831	2.50907	0.00000	229181.0	82646.6	0.0	U/P
13.320	2.1610	0.0000	78.830	2.50900	0.00000	229284.7	82767.1	0.0	U/P
13.333	2.1609	0.0000	78.830	2.50894	0.00000	229388.5	82887.5	0.0	U/P
13.347	2.1609	0.0000	78.829	2.50888	0.00000	229492.2	83007.9	0.0	U/P
13.360	2.1609	0.0000	78.829	2.50882	0.00000	229595.9	83128.4	0.0	U/P
13.373	2.1609	0.0000	78.829	2.50876	0.00000	229699.6	83248.8	0.0	U/P
13.387	2.1609	0.0000	78.828	2.50870	0.00000	229803.4	83369.2	0.0	U/P
13.400	2.1609	0.0000	78.828	2.50864	0.00000	229907.1	83489.6	0.0	U/P
13.413	2.1609	0.0000	78.828	2.50858	0.00000	230010.8	83610.0	0.0	U/P
13.427	2.1609	0.0000	78.827	2.50852	0.00000	230114.5	83730.4	0.0	U/P
13.440	2.1609	0.0000	78.827	2.50845	0.00000	230218.3	83850.8	0.0	U/P
13.453	2.1609	0.0000	78.826	2.50839	0.00000	230322.0	83971.2	0.0	U/P
13.467	2.1609	0.0000	78.826	2.50833	0.00000	230425.7	84091.7	0.0	U/P
13.480	2.1609	0.0000	78.826	2.50827	0.00000	230529.4	84212.1	0.0	U/P
13.493	2.1609	0.0000	78.825	2.50821	0.00000	230633.1	84332.4	0.0	U/P
13.507	2.1609	0.0000	78.825	2.50815	0.00000	230736.9	84452.8	0.0	U/P
13.520	2.1606	0.0000	78.824	2.50809	0.00000	230840.6	84573.2	0.0	U/P
13.533	2.1594	0.0000	78.824	2.50803	0.00000	230944.3	84693.6	0.0	U/P
13.547	2.1568	0.0000	78.824	2.50797	0.00000	231047.8	84814.0	0.0	U/P
13.560	2.1526	0.0000	78.823	2.50790	0.00000	231151.3	84934.4	0.0	U/P
13.573	2.1476	0.0000	78.823	2.50784	0.00000	231254.5	85054.8	0.0	U/P
13.587	2.1428	0.0000	78.822	2.50778	0.00000	231357.4	85175.1	0.0	U/P
13.600	2.1385	0.0000	78.822	2.50771	0.00000	231460.2	85295.5	0.0	U/P
13.613	2.1352	0.0000	78.822	2.50765	0.00000	231562.8	85415.9	0.0	U/P
13.627	2.1328	0.0000	78.821	2.50758	0.00000	231665.2	85536.2	0.0	U/P
13.640	2.1312	0.0000	78.821	2.50752	0.00000	231767.5	85656.6	0.0	U/P
13.653	2.1300	0.0000	78.820	2.50745	0.00000	231869.8	85777.0	0.0	U/P
13.667	2.1291	0.0000	78.820	2.50738	0.00000	231972.0	85897.3	0.0	U/P
13.680	2.1285	0.0000	78.820	2.50732	0.00000	232074.2	86017.7	0.0	U/P
13.693	2.1280	0.0000	78.819	2.50725	0.00000	232176.4	86138.0	0.0	U/P
13.707	2.1277	0.0000	78.819	2.50718	0.00000	232278.5	86258.4	0.0	U/P
13.720	2.1275	0.0000	78.818	2.50712	0.00000	232380.6	86378.7	0.0	U/P
13.733	2.1273	0.0000	78.818	2.50705	0.00000	232482.7	86499.0	0.0	U/P
13.747	2.1272	0.0000	78.817	2.50698	0.00000	232584.8	86619.4	0.0	U/P
13.760	2.1271	0.0000	78.817	2.50692	0.00000	232686.9	86739.7	0.0	U/P
13.773	2.1270	0.0000	78.817	2.50685	0.00000	232789.0	86860.0	0.0	U/P
13.787	2.1270	0.0000	78.816	2.50678	0.00000	232891.1	86980.4	0.0	U/P
13.800	2.1270	0.0000	78.816	2.50672	0.00000	232993.2	87100.7	0.0	U/P

Detailed Results (cont.d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
13.813	2.1269	0.0000	78.815	2.50665	0.00000	233095.3	87221.0	0.0	U/P
13.827	2.1269	0.0000	78.815	2.50658	0.00000	233197.4	87341.3	0.0	U/P
13.840	2.1269	0.0000	78.815	2.50652	0.00000	233299.5	87461.7	0.0	U/P
13.853	2.1269	0.0000	78.814	2.50645	0.00000	233401.6	87582.0	0.0	U/P
13.867	2.1269	0.0000	78.814	2.50638	0.00000	233503.7	87702.3	0.0	U/P
13.880	2.1269	0.0000	78.813	2.50632	0.00000	233605.8	87822.6	0.0	U/P
13.893	2.1269	0.0000	78.813	2.50625	0.00000	233707.9	87942.9	0.0	U/P
13.907	2.1269	0.0000	78.812	2.50618	0.00000	233810.0	88063.2	0.0	U/P
13.920	2.1269	0.0000	78.812	2.50612	0.00000	233912.1	88183.5	0.0	U/P
13.933	2.1269	0.0000	78.812	2.50605	0.00000	234014.2	88303.8	0.0	U/P
13.947	2.1269	0.0000	78.811	2.50598	0.00000	234116.3	88424.1	0.0	U/P
13.960	2.1269	0.0000	78.811	2.50592	0.00000	234218.3	88544.3	0.0	U/P
13.973	2.1269	0.0000	78.810	2.50585	0.00000	234320.4	88664.6	0.0	U/P
13.987	2.1269	0.0000	78.810	2.50578	0.00000	234422.5	88784.9	0.0	U/P
14.000	2.1151	0.0000	78.809	2.50571	0.00000	234524.3	88905.2	0.0	U/P
14.013	2.0705	0.0000	78.809	2.50564	0.00000	234624.8	89025.5	0.0	U/P
14.027	1.9678	0.0000	78.808	2.50557	0.00000	234721.7	89145.7	0.0	U/P
14.040	1.8056	0.0000	78.808	2.50547	0.00000	234812.3	89266.0	0.0	U/P
14.053	1.6137	0.0000	78.807	2.50534	0.00000	234894.3	89386.2	0.0	U/P
14.067	1.4246	0.0000	78.806	2.50519	0.00000	234967.3	89506.5	0.0	U/P
14.080	1.2588	0.0000	78.805	2.50500	0.00000	235031.7	89626.7	0.0	U/P
14.093	1.1309	0.0000	78.803	2.50478	0.00000	235089.0	89747.0	0.0	U/P
14.107	1.0405	0.0000	78.801	2.50454	0.00000	235141.1	89867.2	0.0	U/P
14.120	0.9766	0.0000	78.800	2.50428	0.00000	235189.5	89987.4	0.0	U/P
14.133	0.9299	0.0000	78.798	2.50401	0.00000	235235.3	90107.6	0.0	U/P
14.147	0.8962	0.0000	78.796	2.50374	0.00000	235279.1	90227.8	0.0	U/P
14.160	0.8719	0.0000	78.795	2.50345	0.00000	235321.5	90348.0	0.0	U/P
14.173	0.8543	0.0000	78.793	2.50317	0.00000	235363.0	90468.1	0.0	U/P
14.187	0.8417	0.0000	78.791	2.50288	0.00000	235403.7	90588.3	0.0	U/P
14.200	0.8327	0.0000	78.789	2.50258	0.00000	235443.9	90708.4	0.0	U/P
14.213	0.8261	0.0000	78.787	2.50229	0.00000	235483.7	90828.5	0.0	U/P
14.227	0.8213	0.0000	78.785	2.50200	0.00000	235523.2	90948.6	0.0	U/P
14.240	0.8179	0.0000	78.783	2.50170	0.00000	235562.5	91068.7	0.0	U/P
14.253	0.8154	0.0000	78.782	2.50140	0.00000	235601.8	91188.8	0.0	U/P
14.267	0.8135	0.0000	78.780	2.50110	0.00000	235640.8	91308.8	0.0	U/P
14.280	0.8121	0.0000	78.778	2.50081	0.00000	235679.9	91428.9	0.0	U/P
14.293	0.8111	0.0000	78.776	2.50051	0.00000	235718.8	91548.9	0.0	U/P
14.307	0.8106	0.0000	78.774	2.50021	0.00000	235757.7	91668.9	0.0	U/P
14.320	0.8104	0.0000	78.772	2.49991	0.00000	235796.6	91788.9	0.0	U/P
14.333	0.8104	0.0000	78.770	2.49961	0.00000	235835.5	91908.9	0.0	U/P
14.347	0.8104	0.0000	78.768	2.49932	0.00000	235874.4	92028.9	0.0	U/P
14.360	0.8104	0.0000	78.767	2.49902	0.00000	235913.3	92148.9	0.0	U/P
14.373	0.8104	0.0000	78.765	2.49872	0.00000	235952.2	92268.8	0.0	U/P
14.387	0.8104	0.0000	78.763	2.49842	0.00000	235991.1	92388.7	0.0	U/P
14.400	0.8104	0.0000	78.761	2.49812	0.00000	236030.0	92508.7	0.0	U/P
14.413	0.8104	0.0000	78.759	2.49783	0.00000	236068.9	92628.6	0.0	U/P
14.427	0.8104	0.0000	78.757	2.49753	0.00000	236107.8	92748.5	0.0	U/P
14.440	0.8104	0.0000	78.755	2.49723	0.00000	236146.7	92868.3	0.0	U/P
14.453	0.8104	0.0000	78.753	2.49693	0.00000	236185.6	92988.2	0.0	U/P
14.467	0.8104	0.0000	78.752	2.49663	0.00000	236224.5	93108.0	0.0	U/P
14.480	0.8104	0.0000	78.750	2.49634	0.00000	236263.4	93227.9	0.0	U/P
14.493	0.8104	0.0000	78.748	2.49604	0.00000	236302.3	93347.7	0.0	U/P
14.507	0.8104	0.0000	78.746	2.49574	0.00000	236341.2	93467.5	0.0	U/P
14.520	0.8104	0.0000	78.744	2.49544	0.00000	236380.1	93587.3	0.0	U/P
14.533	0.8104	0.0000	78.742	2.49515	0.00000	236419.0	93707.0	0.0	U/P
14.547	0.8104	0.0000	78.740	2.49485	0.00000	236457.9	93826.8	0.0	U/P
14.560	0.8103	0.0000	78.738	2.49455	0.00000	236496.8	93946.6	0.0	U/P
14.573	0.8103	0.0000	78.737	2.49425	0.00000	236535.7	94066.3	0.0	U/P
14.587	0.8103	0.0000	78.735	2.49395	0.00000	236574.6	94186.0	0.0	U/P
14.600	0.8103	0.0000	78.733	2.49366	0.00000	236613.5	94305.7	0.0	U/P
14.613	0.8103	0.0000	78.731	2.49336	0.00000	236652.4	94425.4	0.0	U/P
14.627	0.8103	0.0000	78.729	2.49306	0.00000	236691.3	94545.1	0.0	U/P
14.640	0.8103	0.0000	78.727	2.49276	0.00000	236730.2	94664.7	0.0	U/P
14.653	0.8103	0.0000	78.725	2.49246	0.00000	236769.1	94784.4	0.0	U/P
14.667	0.8103	0.0000	78.723	2.49217	0.00000	236808.0	94904.0	0.0	U/P
14.680	0.8103	0.0000	78.722	2.49187	0.00000	236846.9	95023.6	0.0	U/P
14.693	0.8103	0.0000	78.720	2.49157	0.00000	236885.8	95143.2	0.0	U/P
14.707	0.8103	0.0000	78.718	2.49127	0.00000	236924.7	95262.8	0.0	U/P
14.720	0.8103	0.0000	78.716	2.49098	0.00000	236963.5	95382.4	0.0	U/P
14.733	0.8103	0.0000	78.714	2.49068	0.00000	237002.4	95501.9	0.0	U/P
14.747	0.8103	0.0000	78.712	2.49038	0.00000	237041.3	95621.5	0.0	U/P
14.760	0.8103	0.0000	78.710	2.49008	0.00000	237080.2	95741.0	0.0	U/P
14.773	0.8103	0.0000	78.708	2.48979	0.00000	237119.1	95860.5	0.0	U/P
14.787	0.8103	0.0000	78.707	2.48949	0.00000	237158.0	95980.0	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
14.800	0.8103	0.0000	78.705	2.48919	0.00000	237196.9	96099.5	0.0	U/P
14.813	0.8103	0.0000	78.703	2.48889	0.00000	237235.8	96219.0	0.0	U/P
14.827	0.8103	0.0000	78.701	2.48860	0.00000	237274.7	96338.5	0.0	U/P
14.840	0.8103	0.0000	78.699	2.48830	0.00000	237313.6	96457.9	0.0	U/P
14.853	0.8103	0.0000	78.697	2.48800	0.00000	237352.5	96577.3	0.0	U/P
14.867	0.8103	0.0000	78.695	2.48770	0.00000	237391.4	96696.8	0.0	U/P
14.880	0.8103	0.0000	78.693	2.48741	0.00000	237430.3	96816.2	0.0	U/P
14.893	0.8103	0.0000	78.692	2.48711	0.00000	237469.1	96935.5	0.0	U/P
14.907	0.8103	0.0000	78.690	2.48681	0.00000	237508.0	97054.9	0.0	U/P
14.920	0.8103	0.0000	78.688	2.48651	0.00000	237546.9	97174.3	0.0	U/P
14.933	0.8103	0.0000	78.686	2.48622	0.00000	237585.8	97293.6	0.0	U/P
14.947	0.8103	0.0000	78.684	2.48592	0.00000	237624.7	97413.0	0.0	U/P
14.960	0.8103	0.0000	78.682	2.48562	0.00000	237663.6	97532.3	0.0	U/P
14.973	0.8103	0.0000	78.680	2.48532	0.00000	237702.5	97651.6	0.0	U/P
14.987	0.8103	0.0000	78.678	2.48503	0.00000	237741.4	97770.9	0.0	U/P
15.000	0.8103	0.0000	78.677	2.48473	0.00000	237780.3	97890.1	0.0	U/P
15.013	0.8103	0.0000	78.675	2.48443	0.00000	237819.2	98009.4	0.0	U/P
15.027	0.8103	0.0000	78.673	2.48414	0.00000	237858.1	98128.6	0.0	U/P
15.040	0.8103	0.0000	78.671	2.48384	0.00000	237897.0	98247.9	0.0	U/P
15.053	0.8103	0.0000	78.669	2.48354	0.00000	237935.9	98367.1	0.0	U/P
15.067	0.8103	0.0000	78.667	2.48324	0.00000	237974.8	98486.3	0.0	U/P
15.080	0.8103	0.0000	78.665	2.48295	0.00000	238013.7	98605.5	0.0	U/P
15.093	0.8104	0.0000	78.663	2.48265	0.00000	238052.5	98724.7	0.0	U/P
15.107	0.8104	0.0000	78.662	2.48235	0.00000	238091.5	98843.8	0.0	U/P
15.120	0.8104	0.0000	78.660	2.48205	0.00000	238130.3	98963.0	0.0	U/P
15.133	0.8104	0.0000	78.658	2.48176	0.00000	238169.3	99082.1	0.0	U/P
15.147	0.8104	0.0000	78.656	2.48146	0.00000	238208.1	99201.2	0.0	U/P
15.160	0.8104	0.0000	78.654	2.48116	0.00000	238247.0	99320.3	0.0	U/P
15.173	0.8104	0.0000	78.652	2.48087	0.00000	238285.9	99439.4	0.0	U/P
15.187	0.8104	0.0000	78.650	2.48057	0.00000	238324.8	99558.5	0.0	U/P
15.200	0.8104	0.0000	78.649	2.48027	0.00000	238363.7	99677.5	0.0	U/P
15.213	0.8104	0.0000	78.647	2.47998	0.00000	238402.6	99796.6	0.0	U/P
15.227	0.8104	0.0000	78.645	2.47968	0.00000	238441.5	99915.6	0.0	U/P
15.240	0.8104	0.0000	78.643	2.47938	0.00000	238480.4	100034.6	0.0	U/P
15.253	0.8104	0.0000	78.641	2.47908	0.00000	238519.3	100153.6	0.0	U/P
15.267	0.8104	0.0000	78.639	2.47879	0.00000	238558.2	100272.6	0.0	U/P
15.280	0.8104	0.0000	78.637	2.47849	0.00000	238597.1	100391.6	0.0	U/P
15.293	0.8104	0.0000	78.635	2.47819	0.00000	238636.0	100510.6	0.0	U/P
15.307	0.8104	0.0000	78.634	2.47790	0.00000	238674.9	100629.5	0.0	U/P
15.320	0.8104	0.0000	78.632	2.47760	0.00000	238713.8	100748.4	0.0	U/P
15.333	0.8104	0.0000	78.630	2.47730	0.00000	238752.7	100867.4	0.0	U/P
15.347	0.8104	0.0000	78.628	2.47701	0.00000	238791.6	100986.3	0.0	U/P
15.360	0.8104	0.0000	78.626	2.47671	0.00000	238830.5	101105.1	0.0	U/P
15.373	0.8104	0.0000	78.624	2.47641	0.00000	238869.4	101224.0	0.0	U/P
15.387	0.8104	0.0000	78.622	2.47612	0.00000	238908.3	101342.9	0.0	U/P
15.400	0.8104	0.0000	78.620	2.47582	0.00000	238947.2	101461.7	0.0	U/P
15.413	0.8104	0.0000	78.619	2.47552	0.00000	238986.1	101580.6	0.0	U/P
15.427	0.8104	0.0000	78.617	2.47523	0.00000	239025.0	101699.4	0.0	U/P
15.440	0.8104	0.0000	78.615	2.47493	0.00000	239063.9	101818.2	0.0	U/P
15.453	0.8104	0.0000	78.613	2.47463	0.00000	239102.8	101937.0	0.0	U/P
15.467	0.8104	0.0000	78.611	2.47434	0.00000	239141.7	102055.7	0.0	U/P
15.480	0.8104	0.0000	78.609	2.47404	0.00000	239180.6	102174.5	0.0	U/P
15.493	0.8104	0.0000	78.607	2.47374	0.00000	239219.5	102293.3	0.0	U/P
15.507	0.8100	0.0000	78.606	2.47345	0.00000	239258.4	102412.0	0.0	U/P
15.520	0.8071	0.0000	78.604	2.47315	0.00000	239297.2	102530.7	0.0	U/P
15.533	0.7994	0.0000	78.602	2.47285	0.00000	239335.8	102649.4	0.0	U/P
15.547	0.7850	0.0000	78.600	2.47255	0.00000	239373.8	102768.1	0.0	U/P
15.560	0.7658	0.0000	78.598	2.47225	0.00000	239411.0	102886.8	0.0	U/P
15.573	0.7459	0.0000	78.596	2.47195	0.00000	239447.3	103005.4	0.0	U/P
15.587	0.7276	0.0000	78.594	2.47164	0.00000	239482.7	103124.1	0.0	U/P
15.600	0.7127	0.0000	78.592	2.47133	0.00000	239517.3	103242.7	0.0	U/P
15.613	0.7021	0.0000	78.590	2.47101	0.00000	239551.2	103361.3	0.0	U/P
15.627	0.6946	0.0000	78.588	2.47070	0.00000	239584.7	103479.9	0.0	U/P
15.640	0.6892	0.0000	78.586	2.47038	0.00000	239617.9	103598.5	0.0	U/P
15.653	0.6853	0.0000	78.584	2.47006	0.00000	239650.9	103717.1	0.0	U/P
15.667	0.6825	0.0000	78.582	2.46975	0.00000	239683.8	103835.6	0.0	U/P
15.680	0.6804	0.0000	78.580	2.46943	0.00000	239716.5	103954.2	0.0	U/P
15.693	0.6789	0.0000	78.578	2.46911	0.00000	239749.1	104072.7	0.0	U/P
15.707	0.6779	0.0000	78.576	2.46879	0.00000	239781.6	104191.2	0.0	U/P
15.720	0.6771	0.0000	78.574	2.46847	0.00000	239814.2	104309.7	0.0	U/P
15.733	0.6766	0.0000	78.572	2.46815	0.00000	239846.7	104428.2	0.0	U/P
15.747	0.6762	0.0000	78.570	2.46783	0.00000	239879.1	104546.6	0.0	U/P
15.760	0.6759	0.0000	78.568	2.46751	0.00000	239911.6	104665.1	0.0	U/P
15.773	0.6757	0.0000	78.566	2.46719	0.00000	239944.0	104783.5	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
15.787	0.6755	0.0000	78.564	2.46687	0.00000	239976.4	104901.9	0.0	U/P
15.800	0.6754	0.0000	78.562	2.46654	0.00000	240008.9	105020.3	0.0	U/P
15.813	0.6753	0.0000	78.560	2.46622	0.00000	240041.3	105138.7	0.0	U/P
15.827	0.6753	0.0000	78.558	2.46590	0.00000	240073.7	105257.1	0.0	U/P
15.840	0.6753	0.0000	78.556	2.46558	0.00000	240106.1	105375.5	0.0	U/P
15.853	0.6753	0.0000	78.554	2.46526	0.00000	240138.5	105493.8	0.0	U/P
15.867	0.6753	0.0000	78.552	2.46494	0.00000	240170.9	105612.1	0.0	U/P
15.880	0.6753	0.0000	78.550	2.46462	0.00000	240203.3	105730.4	0.0	U/P
15.893	0.6753	0.0000	78.548	2.46430	0.00000	240235.8	105848.7	0.0	U/P
15.907	0.6753	0.0000	78.546	2.46398	0.00000	240268.2	105967.0	0.0	U/P
15.920	0.6753	0.0000	78.544	2.46366	0.00000	240300.6	106085.3	0.0	U/P
15.933	0.6753	0.0000	78.542	2.46334	0.00000	240333.0	106203.5	0.0	U/P
15.947	0.6753	0.0000	78.540	2.46302	0.00000	240365.4	106321.8	0.0	U/P
15.960	0.6753	0.0000	78.538	2.46270	0.00000	240397.8	106440.0	0.0	U/P
15.973	0.6753	0.0000	78.536	2.46238	0.00000	240430.2	106558.2	0.0	U/P
15.987	0.6753	0.0000	78.534	2.46206	0.00000	240462.6	106676.4	0.0	U/P
16.000	0.6753	0.0000	78.532	2.46174	0.00000	240495.0	106794.5	0.0	U/P
16.013	0.6745	0.0000	78.530	2.46142	0.00000	240527.5	106912.7	0.0	U/P
16.027	0.6707	0.0000	78.528	2.46110	0.00000	240559.7	107030.8	0.0	U/P
16.040	0.6616	0.0000	78.526	2.46078	0.00000	240591.7	107149.0	0.0	U/P
16.053	0.6461	0.0000	78.524	2.46046	0.00000	240623.1	107267.1	0.0	U/P
16.067	0.6266	0.0000	78.522	2.46013	0.00000	240653.6	107385.2	0.0	U/P
16.080	0.6070	0.0000	78.520	2.45980	0.00000	240683.3	107503.2	0.0	U/P
16.093	0.5893	0.0000	78.517	2.45947	0.00000	240712.0	107621.3	0.0	U/P
16.107	0.5753	0.0000	78.515	2.45914	0.00000	240739.9	107739.3	0.0	U/P
16.120	0.5653	0.0000	78.513	2.45880	0.00000	240767.3	107857.4	0.0	U/P
16.133	0.5583	0.0000	78.511	2.45846	0.00000	240794.3	107975.4	0.0	U/P
16.147	0.5532	0.0000	78.509	2.45812	0.00000	240820.9	108093.4	0.0	U/P
16.160	0.5495	0.0000	78.507	2.45778	0.00000	240847.4	108211.4	0.0	U/P
16.173	0.5469	0.0000	78.505	2.45743	0.00000	240873.7	108329.3	0.0	U/P
16.187	0.5450	0.0000	78.502	2.45709	0.00000	240899.9	108447.3	0.0	U/P
16.200	0.5436	0.0000	78.500	2.45675	0.00000	240926.0	108565.2	0.0	U/P
16.213	0.5426	0.0000	78.498	2.45640	0.00000	240952.1	108683.1	0.0	U/P
16.227	0.5419	0.0000	78.496	2.45606	0.00000	240978.1	108801.0	0.0	U/P
16.240	0.5413	0.0000	78.494	2.45572	0.00000	241004.1	108918.9	0.0	U/P
16.253	0.5410	0.0000	78.492	2.45537	0.00000	241030.1	109036.8	0.0	U/P
16.267	0.5407	0.0000	78.489	2.45503	0.00000	241056.1	109154.6	0.0	U/P
16.280	0.5405	0.0000	78.487	2.45468	0.00000	241082.0	109272.5	0.0	U/P
16.293	0.5403	0.0000	78.485	2.45434	0.00000	241108.0	109390.3	0.0	U/P
16.307	0.5402	0.0000	78.483	2.45400	0.00000	241133.9	109508.1	0.0	U/P
16.320	0.5402	0.0000	78.481	2.45365	0.00000	241159.8	109625.9	0.0	U/P
16.333	0.5401	0.0000	78.479	2.45331	0.00000	241185.7	109743.6	0.0	U/P
16.347	0.5401	0.0000	78.476	2.45296	0.00000	241211.7	109861.4	0.0	U/P
16.360	0.5401	0.0000	78.474	2.45262	0.00000	241237.6	109979.1	0.0	U/P
16.373	0.5401	0.0000	78.472	2.45228	0.00000	241263.5	110096.8	0.0	U/P
16.387	0.5401	0.0000	78.470	2.45193	0.00000	241289.4	110214.5	0.0	U/P
16.400	0.5401	0.0000	78.468	2.45159	0.00000	241315.4	110332.2	0.0	U/P
16.413	0.5401	0.0000	78.466	2.45124	0.00000	241341.3	110449.9	0.0	U/P
16.427	0.5401	0.0000	78.463	2.45090	0.00000	241367.2	110567.5	0.0	U/P
16.440	0.5401	0.0000	78.461	2.45056	0.00000	241393.2	110685.2	0.0	U/P
16.453	0.5401	0.0000	78.459	2.45021	0.00000	241419.1	110802.8	0.0	U/P
16.467	0.5401	0.0000	78.457	2.44987	0.00000	241445.0	110920.4	0.0	U/P
16.480	0.5401	0.0000	78.455	2.44952	0.00000	241470.9	111038.0	0.0	U/P
16.493	0.5401	0.0000	78.453	2.44918	0.00000	241496.9	111155.5	0.0	U/P
16.507	0.5401	0.0000	78.450	2.44884	0.00000	241522.8	111273.1	0.0	U/P
16.520	0.5417	0.0000	78.448	2.44849	0.00000	241548.8	111390.6	0.0	U/P
16.533	0.5474	0.0000	78.446	2.44815	0.00000	241574.9	111508.1	0.0	U/P
16.547	0.5605	0.0000	78.444	2.44781	0.00000	241601.5	111625.6	0.0	U/P
16.560	0.5814	0.0000	78.442	2.44747	0.00000	241628.9	111743.1	0.0	U/P
16.573	0.6060	0.0000	78.440	2.44713	0.00000	241657.4	111860.6	0.0	U/P
16.587	0.6302	0.0000	78.438	2.44680	0.00000	241687.0	111978.1	0.0	U/P
16.600	0.6515	0.0000	78.436	2.44647	0.00000	241717.8	112095.5	0.0	U/P
16.613	0.6679	0.0000	78.434	2.44615	0.00000	241749.5	112212.9	0.0	U/P
16.627	0.6795	0.0000	78.432	2.44583	0.00000	241781.8	112330.3	0.0	U/P
16.640	0.6877	0.0000	78.430	2.44551	0.00000	241814.6	112447.7	0.0	U/P
16.653	0.6937	0.0000	78.428	2.44519	0.00000	241847.8	112565.1	0.0	U/P
16.667	0.6980	0.0000	78.426	2.44488	0.00000	241881.2	112682.5	0.0	U/P
16.680	0.7011	0.0000	78.424	2.44456	0.00000	241914.8	112799.8	0.0	U/P
16.693	0.7034	0.0000	78.422	2.44425	0.00000	241948.5	112917.1	0.0	U/P
16.707	0.7050	0.0000	78.420	2.44393	0.00000	241982.3	113034.5	0.0	U/P
16.720	0.7062	0.0000	78.418	2.44362	0.00000	242016.1	113151.8	0.0	U/P
16.733	0.7070	0.0000	78.416	2.44330	0.00000	242050.1	113269.0	0.0	U/P
16.747	0.7076	0.0000	78.414	2.44299	0.00000	242084.0	113386.3	0.0	U/P
16.760	0.7081	0.0000	78.412	2.44268	0.00000	242118.0	113503.6	0.0	U/P

Detailed Results (cont.d.) :: *Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
16.773	0.7084	0.0000	78.410	2.44236	0.00000	242152.0	113620.8	0.0	U/P
16.787	0.7086	0.0000	78.408	2.44205	0.00000	242186.0	113738.0	0.0	U/P
16.800	0.7088	0.0000	78.406	2.44174	0.00000	242220.0	113855.3	0.0	U/P
16.813	0.7090	0.0000	78.404	2.44142	0.00000	242254.0	113972.4	0.0	U/P
16.827	0.7090	0.0000	78.402	2.44111	0.00000	242288.1	114089.6	0.0	U/P
16.840	0.7090	0.0000	78.400	2.44080	0.00000	242322.1	114206.8	0.0	U/P
16.853	0.7090	0.0000	78.398	2.44048	0.00000	242356.1	114323.9	0.0	U/P
16.867	0.7090	0.0000	78.396	2.44017	0.00000	242390.2	114441.1	0.0	U/P
16.880	0.7090	0.0000	78.394	2.43986	0.00000	242424.2	114558.2	0.0	U/P
16.893	0.7090	0.0000	78.392	2.43955	0.00000	242458.2	114675.3	0.0	U/P
16.907	0.7090	0.0000	78.390	2.43923	0.00000	242492.3	114792.4	0.0	U/P
16.920	0.7090	0.0000	78.388	2.43892	0.00000	242526.3	114909.5	0.0	U/P
16.933	0.7090	0.0000	78.386	2.43861	0.00000	242560.3	115026.5	0.0	U/P
16.947	0.7090	0.0000	78.384	2.43829	0.00000	242594.4	115143.6	0.0	U/P
16.960	0.7090	0.0000	78.382	2.43798	0.00000	242628.4	115260.6	0.0	U/P
16.973	0.7090	0.0000	78.380	2.43767	0.00000	242662.4	115377.6	0.0	U/P
16.987	0.7090	0.0000	78.378	2.43736	0.00000	242696.5	115494.6	0.0	U/P
17.000	0.7100	0.0000	78.376	2.43704	0.00000	242730.5	115611.6	0.0	U/P
17.013	0.7134	0.0000	78.374	2.43673	0.00000	242764.7	115728.6	0.0	U/P
17.027	0.7213	0.0000	78.372	2.43642	0.00000	242799.1	115845.5	0.0	U/P
17.040	0.7338	0.0000	78.370	2.43611	0.00000	242834.0	115962.5	0.0	U/P
17.053	0.7486	0.0000	78.368	2.43580	0.00000	242869.6	116079.4	0.0	U/P
17.067	0.7631	0.0000	78.367	2.43549	0.00000	242905.9	116196.3	0.0	U/P
17.080	0.7759	0.0000	78.365	2.43519	0.00000	242942.8	116313.2	0.0	U/P
17.093	0.7857	0.0000	78.363	2.43489	0.00000	242980.3	116430.1	0.0	U/P
17.107	0.7927	0.0000	78.361	2.43459	0.00000	243018.2	116547.0	0.0	U/P
17.120	0.7976	0.0000	78.359	2.43429	0.00000	243056.4	116663.8	0.0	U/P
17.133	0.8012	0.0000	78.357	2.43400	0.00000	243094.7	116780.6	0.0	U/P
17.147	0.8038	0.0000	78.355	2.43370	0.00000	243133.3	116897.5	0.0	U/P
17.160	0.8057	0.0000	78.353	2.43341	0.00000	243171.9	117014.3	0.0	U/P
17.173	0.8070	0.0000	78.352	2.43311	0.00000	243210.6	117131.1	0.0	U/P
17.187	0.8080	0.0000	78.350	2.43282	0.00000	243249.4	117247.9	0.0	U/P
17.200	0.8087	0.0000	78.348	2.43252	0.00000	243288.2	117364.6	0.0	U/P
17.213	0.8092	0.0000	78.346	2.43223	0.00000	243327.0	117481.4	0.0	U/P
17.227	0.8096	0.0000	78.344	2.43193	0.00000	243365.8	117598.1	0.0	U/P
17.240	0.8098	0.0000	78.342	2.43164	0.00000	243404.7	117714.9	0.0	U/P
17.253	0.8100	0.0000	78.340	2.43134	0.00000	243443.6	117831.6	0.0	U/P
17.267	0.8102	0.0000	78.339	2.43105	0.00000	243482.5	117948.3	0.0	U/P
17.280	0.8103	0.0000	78.337	2.64415	0.00000	243521.4	118064.9	0.0	U/P
17.293	0.8104	0.0000	78.334	2.03110	0.00000	243560.3	118202.1	0.0	U/S
17.307	0.8104	0.0000	78.334	1.30941	0.00000	243599.2	118259.9	0.0	S
17.320	0.8104	0.0000	78.333	1.53241	0.00000	243638.0	118327.8	0.0	S
17.333	0.8104	0.0000	78.332	1.78330	0.00000	243677.0	118407.0	0.0	S
17.347	0.8104	0.0000	78.331	2.06217	0.00000	243715.9	118499.0	0.0	S
17.360	0.8104	0.0000	78.329	2.36783	0.00000	243754.8	118605.0	0.0	S
17.373	0.8104	0.0000	78.327	2.69746	0.00000	243793.7	118726.3	0.0	S
17.387	0.8104	0.0000	78.325	3.04630	0.00000	243832.6	118864.0	0.0	S
17.400	0.8104	0.0000	78.322	3.40750	0.00000	243871.5	119018.8	0.0	S
17.413	0.8104	0.0000	78.319	3.77214	0.00000	243910.4	119191.1	0.0	S
17.427	0.8104	0.0000	78.316	4.12943	0.00000	243949.3	119380.9	0.0	S
17.440	0.8104	0.0000	78.312	4.46731	0.00000	243988.2	119587.5	0.0	S
17.453	0.8104	0.0000	78.307	4.77327	0.00000	244027.1	119809.7	0.0	S
17.467	0.8104	0.0000	78.302	5.03539	0.00000	244066.0	120045.7	0.0	S
17.480	0.8104	0.0000	78.298	5.24345	0.00000	244104.9	120293.1	0.0	S
17.493	0.8104	0.0000	78.292	5.38995	0.00000	244143.8	120549.1	0.0	S
17.507	0.8088	0.0000	78.287	5.47092	0.00000	244182.6	120810.6	0.0	S
17.520	0.8034	0.0000	78.282	5.48622	0.00000	244221.3	121074.3	0.0	S
17.533	0.7914	0.0000	78.276	5.43948	0.00000	244259.6	121337.3	0.0	S
17.547	0.7737	0.0000	78.271	5.33767	0.00000	244297.2	121596.5	0.0	S
17.560	0.7537	0.0000	78.266	5.19019	0.00000	244333.8	121849.7	0.0	S
17.573	0.7346	0.0000	78.261	5.00796	0.00000	244369.5	122094.8	0.0	S
17.587	0.7182	0.0000	78.256	4.80236	0.00000	244404.4	122330.4	0.0	S
17.600	0.7059	0.0000	78.251	4.58438	0.00000	244438.6	122555.8	0.0	S
17.613	0.6973	0.0000	78.247	4.36389	0.00000	244472.3	122770.5	0.0	S
17.627	0.6912	0.0000	78.243	4.14915	0.00000	244505.6	122974.7	0.0	S
17.640	0.6867	0.0000	78.239	3.94662	0.00000	244538.6	123168.9	0.0	S
17.653	0.6835	0.0000	78.235	3.76083	0.00000	244571.5	123353.6	0.0	S
17.667	0.6812	0.0000	78.232	3.59459	0.00000	244604.3	123529.9	0.0	S
17.680	0.6795	0.0000	78.229	3.44917	0.00000	244636.9	123698.7	0.0	S
17.693	0.6783	0.0000	78.226	3.32454	0.00000	244669.5	123861.0	0.0	S
17.707	0.6774	0.0000	78.223	3.21968	0.00000	244702.0	124017.8	0.0	S
17.720	0.6768	0.0000	78.220	3.13290	0.00000	244734.5	124170.1	0.0	S
17.733	0.6763	0.0000	78.217	3.06207	0.00000	244767.0	124318.6	0.0	S
17.747	0.6760	0.0000	78.214	3.00483	0.00000	244799.5	124464.1	0.0	S

Detailed Results (cont.d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
17.760	0.6757	0.0000	78.212	2.95879	0.00000	244831.9	124607.1	0.0	S
17.773	0.6756	0.0000	78.209	2.92166	0.00000	244864.4	124748.1	0.0	S
17.787	0.6754	0.0000	78.206	2.89133	0.00000	244896.8	124887.5	0.0	S
17.800	0.6753	0.0000	78.204	2.86591	0.00000	244929.2	125025.7	0.0	S
17.813	0.6753	0.0000	78.201	2.84380	0.00000	244961.6	125162.7	0.0	S
17.827	0.6753	0.0000	78.199	2.82366	0.00000	244994.0	125298.7	0.0	S
17.840	0.6753	0.0000	78.196	2.80442	0.00000	245026.4	125433.7	0.0	S
17.853	0.6753	0.0000	78.194	2.78524	0.00000	245058.9	125567.9	0.0	S
17.867	0.6753	0.0000	78.192	2.76550	0.00000	245091.3	125701.1	0.0	S
17.880	0.6753	0.0000	78.189	2.74478	0.00000	245123.7	125833.4	0.0	S
17.893	0.6753	0.0000	78.187	2.72281	0.00000	245156.1	125964.6	0.0	S
17.907	0.6753	0.0000	78.184	2.69946	0.00000	245188.5	126094.8	0.0	S
17.920	0.6753	0.0000	78.182	2.67469	0.00000	245220.9	126223.8	0.0	S
17.933	0.6753	0.0000	78.180	2.64858	0.00000	245253.3	126351.5	0.0	S
17.947	0.6753	0.0000	78.178	2.62123	0.00000	245285.8	126478.0	0.0	S
17.960	0.6753	0.0000	78.175	2.59283	0.00000	245318.2	126603.2	0.0	S
17.973	0.6753	0.0000	78.173	2.56358	0.00000	245350.6	126726.9	0.0	S
17.987	0.6753	0.0000	78.171	2.53370	0.00000	245383.0	126849.3	0.0	S
18.000	0.6753	0.0000	78.169	2.50341	0.00000	245415.4	126970.2	0.0	S
18.013	0.6733	0.0000	78.167	2.47295	0.00000	245447.8	127089.6	0.0	S
18.027	0.6670	0.0000	78.165	2.44252	0.00000	245479.9	127207.6	0.0	S
18.040	0.6536	0.0000	78.163	2.41233	0.00000	245511.6	127324.1	0.0	S
18.053	0.6348	0.0000	78.161	2.38254	0.00000	245542.5	127439.2	0.0	S
18.067	0.6145	0.0000	78.159	2.35334	0.00000	245572.5	127552.8	0.0	S
18.080	0.5957	0.0000	78.157	2.32486	0.00000	245601.6	127665.1	0.0	S
18.093	0.5799	0.0000	78.155	2.29723	0.00000	245629.8	127776.0	0.0	S
18.107	0.5685	0.0000	78.153	2.27054	0.00000	245657.3	127885.6	0.0	S
18.120	0.5606	0.0000	78.151	2.24487	0.00000	245684.5	127994.0	0.0	S
18.133	0.5549	0.0000	78.149	2.22025	0.00000	245711.2	128101.1	0.0	S
18.147	0.5507	0.0000	78.147	2.19672	0.00000	245737.8	128207.1	0.0	S
18.160	0.5478	0.0000	78.145	2.17428	0.00000	245764.1	128312.0	0.0	S
18.173	0.5456	0.0000	78.143	2.15290	0.00000	245790.4	128415.9	0.0	S
18.187	0.5440	0.0000	78.141	2.13256	0.00000	245816.5	128518.7	0.0	S
18.200	0.5429	0.0000	78.139	2.11321	0.00000	245842.6	128620.6	0.0	S
18.213	0.5421	0.0000	78.138	2.09481	0.00000	245868.6	128721.6	0.0	S
18.227	0.5415	0.0000	78.136	2.07728	0.00000	245894.6	128821.7	0.0	S
18.240	0.5411	0.0000	78.134	2.06057	0.00000	245920.6	128921.0	0.0	S
18.253	0.5408	0.0000	78.132	2.04460	0.00000	245946.6	129019.5	0.0	S
18.267	0.5406	0.0000	78.131	2.02931	0.00000	245972.5	129117.3	0.0	S
18.280	0.5404	0.0000	78.129	2.01462	0.00000	245998.5	129214.3	0.0	S
18.293	0.5403	0.0000	78.127	2.00048	0.00000	246024.4	129310.7	0.0	S
18.307	0.5402	0.0000	78.125	1.98680	0.00000	246050.4	129406.4	0.0	S
18.320	0.5401	0.0000	78.124	1.97353	0.00000	246076.3	129501.4	0.0	S
18.333	0.5401	0.0000	78.122	1.96063	0.00000	246102.2	129595.8	0.0	S
18.347	0.5401	0.0000	78.120	1.94802	0.00000	246128.1	129689.6	0.0	S
18.360	0.5401	0.0000	78.119	1.93568	0.00000	246154.1	129782.8	0.0	S
18.373	0.5401	0.0000	78.117	1.92356	0.00000	246180.0	129875.4	0.0	S
18.387	0.5401	0.0000	78.116	1.91162	0.00000	246205.9	129967.5	0.0	S
18.400	0.5401	0.0000	78.114	1.89983	0.00000	246231.8	130059.0	0.0	S
18.413	0.5401	0.0000	78.112	1.88817	0.00000	246257.8	130149.9	0.0	S
18.427	0.5401	0.0000	78.111	1.87663	0.00000	246283.7	130240.2	0.0	S
18.440	0.5401	0.0000	78.109	1.86517	0.00000	246309.6	130330.0	0.0	S
18.453	0.5401	0.0000	78.108	1.85381	0.00000	246335.5	130419.3	0.0	S
18.467	0.5401	0.0000	78.106	1.84251	0.00000	246361.5	130508.0	0.0	S
18.480	0.5401	0.0000	78.105	1.83129	0.00000	246387.4	130596.2	0.0	S
18.493	0.5401	0.0000	78.103	1.82014	0.00000	246413.3	130683.8	0.0	S
18.507	0.5405	0.0000	78.102	1.80907	0.00000	246439.3	130770.9	0.0	S
18.520	0.5434	0.0000	78.100	1.79807	0.00000	246465.3	130857.5	0.0	S
18.533	0.5511	0.0000	78.099	1.78717	0.00000	246491.5	130943.5	0.0	S
18.547	0.5656	0.0000	78.098	1.77638	0.00000	246518.4	131029.0	0.0	S
18.560	0.5847	0.0000	78.096	1.76571	0.00000	246546.0	131114.0	0.0	S
18.573	0.6047	0.0000	78.095	1.75516	0.00000	246574.5	131198.5	0.0	S
18.587	0.6229	0.0000	78.093	1.74475	0.00000	246604.0	131282.5	0.0	S
18.600	0.6378	0.0000	78.092	1.73447	0.00000	246634.2	131366.0	0.0	S
18.613	0.6485	0.0000	78.091	1.72432	0.00000	246665.1	131449.0	0.0	S
18.627	0.6560	0.0000	78.090	1.71430	0.00000	246696.4	131531.6	0.0	S
18.640	0.6613	0.0000	78.088	1.70442	0.00000	246728.0	131613.6	0.0	S
18.653	0.6653	0.0000	78.087	1.69469	0.00000	246759.9	131695.2	0.0	S
18.667	0.6681	0.0000	78.086	1.68510	0.00000	246791.9	131776.3	0.0	S
18.680	0.6702	0.0000	78.085	1.67567	0.00000	246824.0	131857.0	0.0	S
18.693	0.6716	0.0000	78.084	1.66639	0.00000	246856.2	131937.2	0.0	S
18.707	0.6727	0.0000	78.083	1.65727	0.00000	246888.5	132016.9	0.0	S
18.720	0.6734	0.0000	78.081	1.64830	0.00000	246920.8	132096.3	0.0	S
18.733	0.6740	0.0000	78.080	1.63950	0.00000	246953.1	132175.2	0.0	S

Detailed Results (cont,d.) *:: Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
18.747	0.6744	0.0000	78.079	1.63086	0.00000	246985.5	132253.7	0.0	S
18.760	0.6747	0.0000	78.078	1.62239	0.00000	247017.8	132331.7	0.0	S
18.773	0.6749	0.0000	78.077	1.61407	0.00000	247050.2	132409.4	0.0	S
18.787	0.6751	0.0000	78.076	1.60591	0.00000	247082.6	132486.7	0.0	S
18.800	0.6752	0.0000	78.075	1.59790	0.00000	247115.0	132563.6	0.0	S
18.813	0.6753	0.0000	78.074	1.59004	0.00000	247147.4	132640.1	0.0	S
18.827	0.6753	0.0000	78.073	1.58233	0.00000	247179.8	132716.2	0.0	S
18.840	0.6753	0.0000	78.072	1.57477	0.00000	247212.3	132792.0	0.0	S
18.853	0.6753	0.0000	78.071	1.56734	0.00000	247244.7	132867.4	0.0	S
18.867	0.6753	0.0000	78.070	1.56004	0.00000	247277.1	132942.5	0.0	S
18.880	0.6753	0.0000	78.069	1.55287	0.00000	247309.5	133017.2	0.0	S
18.893	0.6753	0.0000	78.068	1.54583	0.00000	247341.9	133091.5	0.0	S
18.907	0.6753	0.0000	78.067	1.53890	0.00000	247374.3	133165.6	0.0	S
18.920	0.6753	0.0000	78.066	1.53208	0.00000	247406.8	133239.3	0.0	S
18.933	0.6753	0.0000	78.065	1.52536	0.00000	247439.2	133312.6	0.0	S
18.947	0.6753	0.0000	78.064	1.51875	0.00000	247471.6	133385.7	0.0	S
18.960	0.6753	0.0000	78.063	1.51223	0.00000	247504.0	133458.4	0.0	S
18.973	0.6753	0.0000	78.062	1.50581	0.00000	247536.4	133530.9	0.0	S
18.987	0.6753	0.0000	78.061	1.49947	0.00000	247568.8	133603.0	0.0	S
19.000	0.6753	0.0000	78.060	1.49321	0.00000	247601.2	133674.8	0.0	S
19.013	0.6737	0.0000	78.059	1.48702	0.00000	247633.6	133746.3	0.0	S
19.027	0.6662	0.0000	78.058	1.48090	0.00000	247665.8	133817.6	0.0	S
19.040	0.6480	0.0000	78.057	1.47481	0.00000	247697.3	133888.5	0.0	S
19.053	0.6169	0.0000	78.056	1.46875	0.00000	247727.7	133959.2	0.0	S
19.067	0.5781	0.0000	78.055	1.46270	0.00000	247756.3	134029.5	0.0	S
19.080	0.5387	0.0000	78.054	1.45666	0.00000	247783.1	134099.6	0.0	S
19.093	0.5035	0.0000	78.053	1.45064	0.00000	247808.2	134169.4	0.0	S
19.107	0.4754	0.0000	78.052	1.44465	0.00000	247831.7	134238.8	0.0	S
19.120	0.4555	0.0000	78.050	1.43871	0.00000	247854.0	134308.0	0.0	S
19.133	0.4415	0.0000	78.049	1.43283	0.00000	247875.5	134377.0	0.0	S
19.147	0.4313	0.0000	78.048	1.42700	0.00000	247896.5	134445.6	0.0	S
19.160	0.4239	0.0000	78.047	1.42123	0.00000	247917.0	134514.0	0.0	S
19.173	0.4186	0.0000	78.046	1.41552	0.00000	247937.2	134582.0	0.0	S
19.187	0.4148	0.0000	78.045	1.40987	0.00000	247957.2	134649.8	0.0	S
19.200	0.4120	0.0000	78.044	1.40428	0.00000	247977.1	134717.4	0.0	S
19.213	0.4100	0.0000	78.042	1.39875	0.00000	247996.8	134784.7	0.0	S
19.227	0.4086	0.0000	78.041	1.39328	0.00000	248016.4	134851.7	0.0	S
19.240	0.4076	0.0000	78.040	1.38786	0.00000	248036.0	134918.4	0.0	S
19.253	0.4068	0.0000	78.039	1.38250	0.00000	248055.6	134984.9	0.0	S
19.267	0.4063	0.0000	78.038	1.37720	0.00000	248075.1	135051.1	0.0	S
19.280	0.4058	0.0000	78.037	1.37195	0.00000	248094.6	135117.1	0.0	S
19.293	0.4055	0.0000	78.036	1.36676	0.00000	248114.0	135182.8	0.0	S
19.307	0.4053	0.0000	78.034	1.36162	0.00000	248133.5	135248.3	0.0	S
19.320	0.4052	0.0000	78.033	1.35653	0.00000	248153.0	135313.5	0.0	S
19.333	0.4051	0.0000	78.032	1.35150	0.00000	248172.4	135378.5	0.0	S
19.347	0.4051	0.0000	78.031	1.34652	0.00000	248191.9	135443.3	0.0	S
19.360	0.4051	0.0000	78.030	1.34160	0.00000	248211.3	135507.8	0.0	S
19.373	0.4051	0.0000	78.029	1.33672	0.00000	248230.8	135572.1	0.0	S
19.387	0.4051	0.0000	78.028	1.33190	0.00000	248250.2	135636.1	0.0	S
19.400	0.4051	0.0000	78.027	1.32713	0.00000	248269.6	135700.0	0.0	S
19.413	0.4051	0.0000	78.026	1.32241	0.00000	248289.1	135763.5	0.0	S
19.427	0.4051	0.0000	78.025	1.31774	0.00000	248308.5	135826.9	0.0	S
19.440	0.4051	0.0000	78.024	1.31313	0.00000	248328.0	135890.0	0.0	S
19.453	0.4051	0.0000	78.022	1.30856	0.00000	248347.4	135953.0	0.0	S
19.467	0.4051	0.0000	78.021	1.30404	0.00000	248366.9	136015.7	0.0	S
19.480	0.4051	0.0000	78.020	1.29957	0.00000	248386.3	136078.1	0.0	S
19.493	0.4051	0.0000	78.019	1.29515	0.00000	248405.8	136140.4	0.0	S
19.507	0.4051	0.0000	78.018	1.29078	0.00000	248425.2	136202.5	0.0	S
19.520	0.4066	0.0000	78.017	1.28645	0.00000	248444.7	136264.3	0.0	S
19.533	0.4121	0.0000	78.016	1.28219	0.00000	248464.4	136326.0	0.0	S
19.547	0.4247	0.0000	78.015	1.27799	0.00000	248484.4	136387.4	0.0	S
19.560	0.4447	0.0000	78.014	1.27386	0.00000	248505.3	136448.7	0.0	S
19.573	0.4684	0.0000	78.013	1.26981	0.00000	248527.2	136509.7	0.0	S
19.587	0.4916	0.0000	78.012	1.26583	0.00000	248550.3	136570.6	0.0	S
19.600	0.5121	0.0000	78.012	1.26192	0.00000	248574.3	136631.2	0.0	S
19.613	0.5278	0.0000	78.011	1.25805	0.00000	248599.3	136691.7	0.0	S
19.627	0.5390	0.0000	78.010	1.25424	0.00000	248624.9	136752.0	0.0	S
19.640	0.5468	0.0000	78.009	1.25046	0.00000	248651.0	136812.1	0.0	S
19.653	0.5526	0.0000	78.008	1.24672	0.00000	248677.4	136872.0	0.0	S
19.667	0.5567	0.0000	78.007	1.24301	0.00000	248704.0	136931.8	0.0	S
19.680	0.5597	0.0000	78.007	1.23933	0.00000	248730.8	136991.4	0.0	S
19.693	0.5619	0.0000	78.006	1.23568	0.00000	248757.7	137050.8	0.0	S
19.707	0.5634	0.0000	78.005	1.23206	0.00000	248784.7	137110.0	0.0	S
19.720	0.5646	0.0000	78.004	1.22847	0.00000	248811.8	137169.1	0.0	S

Detailed Results (cont.d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft^3/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft^3/s)	Overflow Discharge (ft^3/s)	Cumulative Inflow Volume (ft^3)	Cumulative Infiltration Volume (ft^3)	Cumulative Discharge Volume (ft^3)	Flow Type
19.733	0.5654	0.0000	78.003	1.22491	0.00000	248838.9	137227.9	0.0	S
19.747	0.5660	0.0000	78.003	1.22137	0.00000	248866.0	137286.6	0.0	S
19.760	0.5664	0.0000	78.002	1.21786	0.00000	248893.2	137345.2	0.0	S
19.773	0.5667	0.0000	78.001	1.21438	0.00000	248920.4	137403.6	0.0	S
19.787	0.5669	0.0000	78.000	1.21093	0.00000	248947.6	137461.8	0.0	S
19.800	0.5671	0.0000	78.000	1.20750	0.00000	248974.8	137519.8	0.0	S
19.813	0.5672	0.0000	77.999	1.20410	0.00000	249002.1	137577.7	0.0	S
19.827	0.5673	0.0000	77.998	1.20072	0.00000	249029.3	137635.4	0.0	S
19.840	0.5673	0.0000	77.997	1.19737	0.00000	249056.5	137693.0	0.0	S
19.853	0.5673	0.0000	77.997	1.19405	0.00000	249083.8	137750.4	0.0	S
19.867	0.5673	0.0000	77.996	1.19075	0.00000	249111.0	137807.6	0.0	S
19.880	0.5673	0.0000	77.995	1.18747	0.00000	249138.2	137864.7	0.0	S
19.893	0.5673	0.0000	77.994	1.18422	0.00000	249165.4	137921.6	0.0	S
19.907	0.5673	0.0000	77.994	1.18099	0.00000	249192.7	137978.3	0.0	S
19.920	0.5673	0.0000	77.993	1.17779	0.00000	249219.9	138035.0	0.0	S
19.933	0.5673	0.0000	77.992	1.17461	0.00000	249247.1	138091.4	0.0	S
19.947	0.5673	0.0000	77.992	1.17145	0.00000	249274.4	138147.7	0.0	S
19.960	0.5673	0.0000	77.991	1.16832	0.00000	249301.6	138203.9	0.0	S
19.973	0.5673	0.0000	77.990	1.16520	0.00000	249328.8	138259.9	0.0	S
19.987	0.5673	0.0000	77.990	1.16211	0.00000	249356.0	138315.7	0.0	S
20.000	0.5646	0.0000	77.989	1.15904	0.00000	249383.2	138371.4	0.0	S
20.013	0.5546	0.0000	77.988	1.15597	0.00000	249410.1	138427.0	0.0	S
20.027	0.5314	0.0000	77.987	1.15288	0.00000	249436.1	138482.4	0.0	S
20.040	0.4948	0.0000	77.987	1.14976	0.00000	249460.8	138537.7	0.0	S
20.053	0.4515	0.0000	77.986	1.14661	0.00000	249483.5	138592.8	0.0	S
20.067	0.4088	0.0000	77.985	1.14343	0.00000	249504.1	138647.8	0.0	S
20.080	0.3714	0.0000	77.984	1.14023	0.00000	249522.8	138702.6	0.0	S
20.093	0.3425	0.0000	77.983	1.13702	0.00000	249540.0	138757.2	0.0	S
20.107	0.3221	0.0000	77.982	1.13383	0.00000	249555.9	138811.7	0.0	S
20.120	0.3077	0.0000	77.981	1.13067	0.00000	249571.0	138866.1	0.0	S
20.133	0.2971	0.0000	77.980	1.12753	0.00000	249585.6	138920.3	0.0	S
20.147	0.2895	0.0000	77.979	1.12442	0.00000	249599.6	138974.3	0.0	S
20.160	0.2840	0.0000	77.978	1.12134	0.00000	249613.4	139028.2	0.0	S
20.173	0.2801	0.0000	77.977	1.11830	0.00000	249626.9	139082.0	0.0	S
20.187	0.2772	0.0000	77.976	1.11529	0.00000	249640.3	139135.6	0.0	S
20.200	0.2752	0.0000	77.976	1.11231	0.00000	249653.6	139189.0	0.0	S
20.213	0.2737	0.0000	77.975	1.10936	0.00000	249666.8	139242.3	0.0	S
20.227	0.2726	0.0000	77.974	1.10644	0.00000	249679.9	139295.5	0.0	S
20.240	0.2718	0.0000	77.973	1.10355	0.00000	249692.9	139348.6	0.0	S
20.253	0.2713	0.0000	77.972	1.10068	0.00000	249706.0	139401.5	0.0	S
20.267	0.2708	0.0000	77.971	1.09785	0.00000	249719.0	139454.2	0.0	S
20.280	0.2705	0.0000	77.970	1.09504	0.00000	249732.0	139506.9	0.0	S
20.293	0.2703	0.0000	77.969	1.09225	0.00000	249744.9	139559.3	0.0	S
20.307	0.2702	0.0000	77.968	1.08949	0.00000	249757.9	139611.7	0.0	S
20.320	0.2701	0.0000	77.967	1.08675	0.00000	249770.9	139663.9	0.0	S
20.333	0.2701	0.0000	77.966	1.08404	0.00000	249783.8	139716.0	0.0	S
20.347	0.2701	0.0000	77.965	1.08135	0.00000	249796.8	139768.0	0.0	S
20.360	0.2701	0.0000	77.964	1.07868	0.00000	249809.8	139819.8	0.0	S
20.373	0.2701	0.0000	77.963	1.07603	0.00000	249822.8	139871.6	0.0	S
20.387	0.2701	0.0000	77.962	1.07341	0.00000	249835.7	139923.1	0.0	S
20.400	0.2701	0.0000	77.961	1.07080	0.00000	249848.7	139974.6	0.0	S
20.413	0.2701	0.0000	77.960	1.06822	0.00000	249861.7	140025.9	0.0	S
20.427	0.2701	0.0000	77.959	1.06565	0.00000	249874.6	140077.2	0.0	S
20.440	0.2701	0.0000	77.958	1.06311	0.00000	249887.6	140128.3	0.0	S
20.453	0.2701	0.0000	77.957	1.06058	0.00000	249900.5	140179.2	0.0	S
20.467	0.2701	0.0000	77.956	1.05808	0.00000	249913.5	140230.1	0.0	S
20.480	0.2701	0.0000	77.956	1.05559	0.00000	249926.5	140280.8	0.0	S
20.493	0.2701	0.0000	77.955	1.05312	0.00000	249939.5	140331.4	0.0	S
20.507	0.2718	0.0000	77.954	1.05067	0.00000	249952.5	140381.9	0.0	S
20.520	0.2772	0.0000	77.953	1.04825	0.00000	249965.6	140432.3	0.0	S
20.533	0.2891	0.0000	77.952	1.04587	0.00000	249979.2	140482.5	0.0	S
20.547	0.3069	0.0000	77.951	1.04353	0.00000	249993.5	140532.7	0.0	S
20.560	0.3268	0.0000	77.950	1.04123	0.00000	250008.7	140582.7	0.0	S
20.573	0.3459	0.0000	77.949	1.03897	0.00000	250024.9	140632.6	0.0	S
20.587	0.3623	0.0000	77.949	1.03674	0.00000	250041.9	140682.4	0.0	S
20.600	0.3745	0.0000	77.948	1.03454	0.00000	250059.6	140732.2	0.0	S
20.613	0.3831	0.0000	77.947	1.03235	0.00000	250077.8	140781.8	0.0	S
20.627	0.3892	0.0000	77.946	1.03018	0.00000	250096.3	140831.3	0.0	S
20.640	0.3937	0.0000	77.945	1.02803	0.00000	250115.1	140880.7	0.0	S
20.653	0.3969	0.0000	77.945	1.02588	0.00000	250134.1	140930.0	0.0	S
20.667	0.3993	0.0000	77.944	1.02374	0.00000	250153.2	140979.1	0.0	S
20.680	0.4010	0.0000	77.943	1.02161	0.00000	250172.4	141028.2	0.0	S
20.693	0.4022	0.0000	77.943	1.01949	0.00000	250191.6	141077.2	0.0	S
20.707	0.4030	0.0000	77.942	1.01738	0.00000	250211.0	141126.1	0.0	S

Detailed Results (cont,d.) *:: Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
20.720	0.4037	0.0000	77.941	1.01527	0.00000	250230.3	141174.9	0.0	S
20.733	0.4041	0.0000	77.940	1.01318	0.00000	250249.7	141223.6	0.0	S
20.747	0.4044	0.0000	77.940	1.01110	0.00000	250269.1	141272.1	0.0	S
20.760	0.4047	0.0000	77.939	1.00902	0.00000	250288.5	141320.6	0.0	S
20.773	0.4049	0.0000	77.938	1.00696	0.00000	250308.0	141369.0	0.0	S
20.787	0.4050	0.0000	77.938	1.00491	0.00000	250327.4	141417.3	0.0	S
20.800	0.4051	0.0000	77.937	1.00286	0.00000	250346.8	141465.5	0.0	S
20.813	0.4051	0.0000	77.936	1.00083	0.00000	250366.3	141513.6	0.0	S
20.827	0.4051	0.0000	77.935	0.99881	0.00000	250385.7	141561.6	0.0	S
20.840	0.4051	0.0000	77.935	0.99679	0.00000	250405.2	141609.5	0.0	S
20.853	0.4051	0.0000	77.934	0.99479	0.00000	250424.6	141657.3	0.0	S
20.867	0.4051	0.0000	77.933	0.99280	0.00000	250444.1	141705.0	0.0	S
20.880	0.4051	0.0000	77.933	0.99082	0.00000	250463.5	141752.6	0.0	S
20.893	0.4051	0.0000	77.932	0.98885	0.00000	250483.0	141800.1	0.0	S
20.907	0.4051	0.0000	77.931	0.98689	0.00000	250502.4	141847.5	0.0	S
20.920	0.4051	0.0000	77.931	0.98494	0.00000	250521.9	141894.8	0.0	S
20.933	0.4051	0.0000	77.930	0.98300	0.00000	250541.3	141942.0	0.0	S
20.947	0.4051	0.0000	77.929	0.98107	0.00000	250560.8	141989.2	0.0	S
20.960	0.4051	0.0000	77.929	0.97916	0.00000	250580.2	142036.2	0.0	S
20.973	0.4051	0.0000	77.928	0.97725	0.00000	250599.7	142083.2	0.0	S
20.987	0.4051	0.0000	77.927	0.97535	0.00000	250619.1	142130.0	0.0	S
21.000	0.4051	0.0000	77.927	0.97346	0.00000	250638.5	142176.8	0.0	S
21.013	0.4031	0.0000	77.926	0.97158	0.00000	250658.0	142223.5	0.0	S
21.027	0.3968	0.0000	77.925	0.96970	0.00000	250677.2	142270.1	0.0	S
21.040	0.3835	0.0000	77.925	0.96780	0.00000	250695.9	142316.6	0.0	S
21.053	0.3647	0.0000	77.924	0.96589	0.00000	250713.8	142363.0	0.0	S
21.067	0.3444	0.0000	77.923	0.96397	0.00000	250730.9	142409.3	0.0	S
21.080	0.3256	0.0000	77.922	0.96203	0.00000	250746.9	142455.5	0.0	S
21.093	0.3098	0.0000	77.922	0.96009	0.00000	250762.2	142501.7	0.0	S
21.107	0.2985	0.0000	77.921	0.95814	0.00000	250776.8	142547.7	0.0	S
21.120	0.2906	0.0000	77.920	0.95621	0.00000	250790.9	142593.7	0.0	S
21.133	0.2849	0.0000	77.919	0.95429	0.00000	250804.7	142639.5	0.0	S
21.147	0.2807	0.0000	77.919	0.95239	0.00000	250818.3	142685.3	0.0	S
21.160	0.2778	0.0000	77.918	0.95050	0.00000	250831.7	142730.9	0.0	S
21.173	0.2756	0.0000	77.917	0.94862	0.00000	250845.0	142776.5	0.0	S
21.187	0.2740	0.0000	77.916	0.94676	0.00000	250858.2	142822.0	0.0	S
21.200	0.2729	0.0000	77.915	0.94491	0.00000	250871.3	142867.4	0.0	S
21.213	0.2721	0.0000	77.915	0.94308	0.00000	250884.4	142912.7	0.0	S
21.227	0.2715	0.0000	77.914	0.94126	0.00000	250897.4	142957.9	0.0	S
21.240	0.2711	0.0000	77.913	0.93946	0.00000	250910.5	143003.1	0.0	S
21.253	0.2708	0.0000	77.912	0.93767	0.00000	250923.5	143048.1	0.0	S
21.267	0.2706	0.0000	77.911	0.93589	0.00000	250936.5	143093.1	0.0	S
21.280	0.2704	0.0000	77.911	0.93412	0.00000	250949.4	143138.0	0.0	S
21.293	0.2703	0.0000	77.910	0.93237	0.00000	250962.4	143182.8	0.0	S
21.307	0.2702	0.0000	77.909	0.93063	0.00000	250975.4	143227.5	0.0	S
21.320	0.2701	0.0000	77.908	0.92889	0.00000	250988.4	143272.1	0.0	S
21.333	0.2701	0.0000	77.908	0.92717	0.00000	251001.3	143316.7	0.0	S
21.347	0.2701	0.0000	77.907	0.92546	0.00000	251014.3	143361.1	0.0	S
21.360	0.2701	0.0000	77.906	0.92377	0.00000	251027.3	143405.5	0.0	S
21.373	0.2701	0.0000	77.905	0.92208	0.00000	251040.2	143449.8	0.0	S
21.387	0.2701	0.0000	77.905	0.92040	0.00000	251053.2	143494.0	0.0	S
21.400	0.2701	0.0000	77.904	0.91873	0.00000	251066.2	143538.2	0.0	S
21.413	0.2701	0.0000	77.903	0.91707	0.00000	251079.1	143582.2	0.0	S
21.427	0.2701	0.0000	77.902	0.91542	0.00000	251092.1	143626.2	0.0	S
21.440	0.2701	0.0000	77.901	0.91378	0.00000	251105.1	143670.1	0.0	S
21.453	0.2701	0.0000	77.901	0.91215	0.00000	251118.0	143713.9	0.0	S
21.467	0.2701	0.0000	77.900	0.91053	0.00000	251131.0	143757.7	0.0	S
21.480	0.2701	0.0000	77.899	0.90892	0.00000	251144.0	143801.3	0.0	S
21.493	0.2701	0.0000	77.898	0.90731	0.00000	251156.9	143844.9	0.0	S
21.507	0.2710	0.0000	77.898	0.90572	0.00000	251169.9	143888.4	0.0	S
21.520	0.2767	0.0000	77.897	0.90415	0.00000	251183.1	143931.9	0.0	S
21.533	0.2921	0.0000	77.896	0.90261	0.00000	251196.7	143975.2	0.0	S
21.547	0.3210	0.0000	77.896	0.90113	0.00000	251211.4	144018.5	0.0	S
21.560	0.3592	0.0000	77.895	0.89970	0.00000	251227.8	144061.7	0.0	S
21.573	0.3991	0.0000	77.894	0.89834	0.00000	251246.0	144104.9	0.0	S
21.587	0.4356	0.0000	77.894	0.89702	0.00000	251266.0	144148.0	0.0	S
21.600	0.4653	0.0000	77.893	0.89574	0.00000	251287.6	144191.0	0.0	S
21.613	0.4866	0.0000	77.893	0.89448	0.00000	251310.5	144234.0	0.0	S
21.627	0.5015	0.0000	77.892	0.89322	0.00000	251334.2	144276.9	0.0	S
21.640	0.5123	0.0000	77.892	0.89197	0.00000	251358.5	144319.7	0.0	S
21.653	0.5202	0.0000	77.891	0.89072	0.00000	251383.3	144362.5	0.0	S
21.667	0.5258	0.0000	77.891	0.88947	0.00000	251408.4	144405.2	0.0	S
21.680	0.5299	0.0000	77.890	0.88821	0.00000	251433.7	144447.9	0.0	S
21.693	0.5328	0.0000	77.890	0.88694	0.00000	251459.2	144490.5	0.0	S

Detailed Results (cont,d.) :: *Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
21.707	0.5349	0.0000	77.890	0.88568	0.00000	251484.8	144533.0	0.0	S
21.720	0.5365	0.0000	77.889	0.88441	0.00000	251510.6	144575.5	0.0	S
21.733	0.5376	0.0000	77.889	0.88314	0.00000	251536.3	144617.9	0.0	S
21.747	0.5384	0.0000	77.888	0.88186	0.00000	251562.2	144660.3	0.0	S
21.760	0.5390	0.0000	77.888	0.88059	0.00000	251588.0	144702.6	0.0	S
21.773	0.5394	0.0000	77.888	0.87931	0.00000	251613.9	144744.8	0.0	S
21.787	0.5397	0.0000	77.887	0.87804	0.00000	251639.8	144787.0	0.0	S
21.800	0.5399	0.0000	77.887	0.87677	0.00000	251665.7	144829.1	0.0	S
21.813	0.5401	0.0000	77.886	0.87550	0.00000	251691.6	144871.2	0.0	S
21.827	0.5402	0.0000	77.886	0.87423	0.00000	251717.5	144913.2	0.0	S
21.840	0.5402	0.0000	77.886	0.87296	0.00000	251743.5	144955.1	0.0	S
21.853	0.5402	0.0000	77.885	0.87169	0.00000	251769.4	144997.0	0.0	S
21.867	0.5402	0.0000	77.885	0.87043	0.00000	251795.3	145038.8	0.0	S
21.880	0.5402	0.0000	77.884	0.86917	0.00000	251821.3	145080.5	0.0	S
21.893	0.5402	0.0000	77.884	0.86791	0.00000	251847.2	145122.2	0.0	S
21.907	0.5402	0.0000	77.884	0.86666	0.00000	251873.1	145163.9	0.0	S
21.920	0.5402	0.0000	77.883	0.86541	0.00000	251899.0	145205.4	0.0	S
21.933	0.5402	0.0000	77.883	0.86417	0.00000	251925.0	145246.9	0.0	S
21.947	0.5402	0.0000	77.883	0.86293	0.00000	251950.9	145288.4	0.0	S
21.960	0.5402	0.0000	77.882	0.86169	0.00000	251976.8	145329.8	0.0	S
21.973	0.5402	0.0000	77.882	0.86046	0.00000	252002.8	145371.1	0.0	S
21.987	0.5402	0.0000	77.881	0.85923	0.00000	252028.7	145412.4	0.0	S
22.000	0.5402	0.0000	77.881	0.85800	0.00000	252054.6	145453.6	0.0	S
22.013	0.5385	0.0000	77.881	0.85678	0.00000	252080.5	145494.8	0.0	S
22.027	0.5311	0.0000	77.880	0.85554	0.00000	252106.2	145535.8	0.0	S
22.040	0.5129	0.0000	77.880	0.85428	0.00000	252131.2	145576.9	0.0	S
22.053	0.4818	0.0000	77.879	0.85298	0.00000	252155.1	145617.9	0.0	S
22.067	0.4430	0.0000	77.879	0.85163	0.00000	252177.3	145658.8	0.0	S
22.080	0.4036	0.0000	77.878	0.85023	0.00000	252197.6	145699.6	0.0	S
22.093	0.3684	0.0000	77.878	0.84880	0.00000	252216.1	145740.4	0.0	S
22.107	0.3404	0.0000	77.877	0.84736	0.00000	252233.2	145781.1	0.0	S
22.120	0.3205	0.0000	77.877	0.84590	0.00000	252249.0	145821.7	0.0	S
22.133	0.3065	0.0000	77.876	0.84446	0.00000	252264.1	145862.3	0.0	S
22.147	0.2963	0.0000	77.875	0.84302	0.00000	252278.5	145902.8	0.0	S
22.160	0.2889	0.0000	77.875	0.84160	0.00000	252292.6	145943.2	0.0	S
22.173	0.2836	0.0000	77.874	0.84019	0.00000	252306.3	145983.6	0.0	S
22.187	0.2798	0.0000	77.874	0.83880	0.00000	252319.8	146023.9	0.0	S
22.200	0.2770	0.0000	77.873	0.83742	0.00000	252333.2	146064.1	0.0	S
22.213	0.2750	0.0000	77.872	0.83606	0.00000	252346.5	146104.3	0.0	S
22.227	0.2736	0.0000	77.872	0.83471	0.00000	252359.6	146144.4	0.0	S
22.240	0.2726	0.0000	77.871	0.83338	0.00000	252372.7	146184.4	0.0	S
22.253	0.2718	0.0000	77.870	0.83206	0.00000	252385.8	146224.4	0.0	S
22.267	0.2713	0.0000	77.870	0.83075	0.00000	252398.8	146264.3	0.0	S
22.280	0.2709	0.0000	77.869	0.82946	0.00000	252411.8	146304.1	0.0	S
22.293	0.2705	0.0000	77.868	0.82817	0.00000	252424.8	146343.9	0.0	S
22.307	0.2703	0.0000	77.868	0.82690	0.00000	252437.8	146383.6	0.0	S
22.320	0.2702	0.0000	77.867	0.82564	0.00000	252450.8	146423.3	0.0	S
22.333	0.2701	0.0000	77.866	0.82438	0.00000	252463.8	146462.9	0.0	S
22.347	0.2701	0.0000	77.866	0.82313	0.00000	252476.7	146502.5	0.0	S
22.360	0.2701	0.0000	77.865	0.82190	0.00000	252489.7	146541.9	0.0	S
22.373	0.2701	0.0000	77.864	0.82067	0.00000	252502.7	146581.3	0.0	S
22.387	0.2701	0.0000	77.864	0.81944	0.00000	252515.6	146620.7	0.0	S
22.400	0.2701	0.0000	77.863	0.81823	0.00000	252528.6	146660.0	0.0	S
22.413	0.2701	0.0000	77.862	0.81702	0.00000	252541.5	146699.3	0.0	S
22.427	0.2701	0.0000	77.862	0.81582	0.00000	252554.5	146738.5	0.0	S
22.440	0.2701	0.0000	77.861	0.81463	0.00000	252567.5	146777.6	0.0	S
22.453	0.2701	0.0000	77.860	0.81344	0.00000	252580.5	146816.7	0.0	S
22.467	0.2701	0.0000	77.860	0.81226	0.00000	252593.4	146855.7	0.0	S
22.480	0.2701	0.0000	77.859	0.81108	0.00000	252606.4	146894.6	0.0	S
22.493	0.2701	0.0000	77.859	0.80991	0.00000	252619.4	146933.5	0.0	S
22.507	0.2701	0.0000	77.858	0.80875	0.00000	252632.3	146972.4	0.0	S
22.520	0.2715	0.0000	77.857	0.80760	0.00000	252645.3	147011.2	0.0	S
22.533	0.2768	0.0000	77.857	0.80646	0.00000	252658.5	147049.9	0.0	S
22.547	0.2889	0.0000	77.856	0.80535	0.00000	252672.1	147088.6	0.0	S
22.560	0.3080	0.0000	77.855	0.80427	0.00000	252686.4	147127.2	0.0	S
22.573	0.3307	0.0000	77.855	0.80323	0.00000	252701.7	147165.8	0.0	S
22.587	0.3530	0.0000	77.854	0.80222	0.00000	252718.1	147204.3	0.0	S
22.600	0.3725	0.0000	77.854	0.80123	0.00000	252735.5	147242.8	0.0	S
22.613	0.3876	0.0000	77.853	0.80026	0.00000	252753.8	147281.3	0.0	S
22.627	0.3983	0.0000	77.853	0.79930	0.00000	252772.6	147319.6	0.0	S
22.640	0.4058	0.0000	77.852	0.79835	0.00000	252791.9	147358.0	0.0	S
22.653	0.4113	0.0000	77.852	0.79739	0.00000	252811.5	147396.3	0.0	S
22.667	0.4153	0.0000	77.851	0.79644	0.00000	252831.4	147434.5	0.0	S
22.680	0.4182	0.0000	77.851	0.79548	0.00000	252851.4	147472.8	0.0	S

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
22.693	0.4202	0.0000	77.851	0.79452	0.00000	252871.5	147510.9	0.0	S
22.707	0.4217	0.0000	77.850	0.79356	0.00000	252891.7	147549.0	0.0	S
22.720	0.4228	0.0000	77.850	0.79260	0.00000	252912.0	147587.1	0.0	S
22.733	0.4236	0.0000	77.849	0.79164	0.00000	252932.3	147625.1	0.0	S
22.747	0.4241	0.0000	77.849	0.79068	0.00000	252952.6	147663.1	0.0	S
22.760	0.4245	0.0000	77.848	0.78971	0.00000	252973.0	147701.0	0.0	S
22.773	0.4248	0.0000	77.848	0.78875	0.00000	252993.4	147738.9	0.0	S
22.787	0.4250	0.0000	77.848	0.78778	0.00000	253013.8	147776.7	0.0	S
22.800	0.4252	0.0000	77.847	0.78682	0.00000	253034.2	147814.5	0.0	S
22.813	0.4253	0.0000	77.847	0.78586	0.00000	253054.6	147852.3	0.0	S
22.827	0.4254	0.0000	77.846	0.78490	0.00000	253075.0	147890.0	0.0	S
22.840	0.4254	0.0000	77.846	0.78394	0.00000	253095.4	147927.6	0.0	S
22.853	0.4254	0.0000	77.845	0.78299	0.00000	253115.9	147965.2	0.0	S
22.867	0.4254	0.0000	77.845	0.78203	0.00000	253136.3	148002.8	0.0	S
22.880	0.4254	0.0000	77.845	0.78108	0.00000	253156.7	148040.3	0.0	S
22.893	0.4254	0.0000	77.844	0.78013	0.00000	253177.1	148077.8	0.0	S
22.907	0.4254	0.0000	77.844	0.77918	0.00000	253197.5	148115.2	0.0	S
22.920	0.4254	0.0000	77.843	0.77824	0.00000	253218.0	148152.6	0.0	S
22.933	0.4254	0.0000	77.843	0.77729	0.00000	253238.4	148189.9	0.0	S
22.947	0.4254	0.0000	77.842	0.77635	0.00000	253258.8	148227.2	0.0	S
22.960	0.4254	0.0000	77.842	0.77541	0.00000	253279.2	148264.4	0.0	S
22.973	0.4254	0.0000	77.842	0.77448	0.00000	253299.6	148301.6	0.0	S
22.987	0.4254	0.0000	77.841	0.77355	0.00000	253320.1	148338.8	0.0	S
23.000	0.4228	0.0000	77.841	0.77261	0.00000	253340.4	148375.9	0.0	S
23.013	0.4130	0.0000	77.840	0.77166	0.00000	253360.5	148413.0	0.0	S
23.027	0.3903	0.0000	77.840	0.77067	0.00000	253379.8	148450.0	0.0	S
23.040	0.3546	0.0000	77.839	0.76964	0.00000	253397.6	148486.9	0.0	S
23.053	0.3123	0.0000	77.839	0.76855	0.00000	253413.6	148523.9	0.0	S
23.067	0.2706	0.0000	77.838	0.76741	0.00000	253427.6	148560.7	0.0	S
23.080	0.2340	0.0000	77.838	0.76624	0.00000	253439.7	148597.5	0.0	S
23.093	0.2058	0.0000	77.837	0.76505	0.00000	253450.3	148634.3	0.0	S
23.107	0.1859	0.0000	77.836	0.76386	0.00000	253459.7	148671.0	0.0	S
23.120	0.1718	0.0000	77.836	0.76267	0.00000	253468.3	148707.6	0.0	S
23.133	0.1615	0.0000	77.835	0.76149	0.00000	253476.3	148744.2	0.0	S
23.147	0.1541	0.0000	77.834	0.76032	0.00000	253483.8	148780.7	0.0	S
23.160	0.1487	0.0000	77.834	0.75917	0.00000	253491.1	148817.2	0.0	S
23.173	0.1448	0.0000	77.833	0.75804	0.00000	253498.2	148853.6	0.0	S
23.187	0.1421	0.0000	77.832	0.75692	0.00000	253505.0	148890.0	0.0	S
23.200	0.1401	0.0000	77.831	0.75581	0.00000	253511.8	148926.3	0.0	S
23.213	0.1386	0.0000	77.831	0.75472	0.00000	253518.5	148962.5	0.0	S
23.227	0.1375	0.0000	77.830	0.75364	0.00000	253525.1	148998.7	0.0	S
23.240	0.1368	0.0000	77.829	0.75257	0.00000	253531.7	149034.9	0.0	S
23.253	0.1362	0.0000	77.829	0.75152	0.00000	253538.3	149071.0	0.0	S
23.267	0.1358	0.0000	77.828	0.75047	0.00000	253544.8	149107.0	0.0	S
23.280	0.1355	0.0000	77.827	0.74944	0.00000	253551.3	149143.0	0.0	S
23.293	0.1353	0.0000	77.826	0.74841	0.00000	253557.8	149179.0	0.0	S
23.307	0.1352	0.0000	77.826	0.74739	0.00000	253564.3	149214.8	0.0	S
23.320	0.1351	0.0000	77.825	0.74638	0.00000	253570.8	149250.7	0.0	S
23.333	0.1351	0.0000	77.824	0.74538	0.00000	253577.3	149286.5	0.0	S
23.347	0.1351	0.0000	77.824	0.74438	0.00000	253583.8	149322.3	0.0	S
23.360	0.1351	0.0000	77.823	0.74339	0.00000	253590.3	149358.0	0.0	S
23.373	0.1351	0.0000	77.822	0.74241	0.00000	253596.7	149393.6	0.0	S
23.387	0.1351	0.0000	77.821	0.74144	0.00000	253603.2	149429.2	0.0	S
23.400	0.1351	0.0000	77.821	0.74046	0.00000	253609.7	149464.8	0.0	S
23.413	0.1351	0.0000	77.820	0.73950	0.00000	253616.2	149500.3	0.0	S
23.427	0.1351	0.0000	77.819	0.73854	0.00000	253622.7	149535.8	0.0	S
23.440	0.1351	0.0000	77.818	0.73759	0.00000	253629.2	149571.2	0.0	S
23.453	0.1351	0.0000	77.818	0.73664	0.00000	253635.7	149606.6	0.0	S
23.467	0.1351	0.0000	77.817	0.73569	0.00000	253642.1	149641.9	0.0	S
23.480	0.1351	0.0000	77.816	0.73476	0.00000	253648.6	149677.2	0.0	S
23.493	0.1351	0.0000	77.816	0.73382	0.00000	253655.1	149712.5	0.0	S
23.507	0.1351	0.0000	77.815	0.73289	0.00000	253661.6	149747.7	0.0	S
23.520	0.1351	0.0000	77.814	0.73197	0.00000	253668.1	149782.8	0.0	S
23.533	0.1351	0.0000	77.814	0.73104	0.00000	253674.6	149817.9	0.0	S
23.547	0.1351	0.0000	77.813	0.73013	0.00000	253681.1	149853.0	0.0	S
23.560	0.1351	0.0000	77.812	0.72922	0.00000	253687.5	149888.0	0.0	S
23.573	0.1351	0.0000	77.811	0.72831	0.00000	253694.0	149923.0	0.0	S
23.587	0.1350	0.0000	77.811	0.72740	0.00000	253700.5	149958.0	0.0	S
23.600	0.1350	0.0000	77.810	0.72650	0.00000	253707.0	149992.8	0.0	S
23.613	0.1350	0.0000	77.809	0.72560	0.00000	253713.5	150027.7	0.0	S
23.627	0.1350	0.0000	77.809	0.72471	0.00000	253720.0	150062.5	0.0	S
23.640	0.1350	0.0000	77.808	0.72382	0.00000	253726.4	150097.3	0.0	S
23.653	0.1350	0.0000	77.807	0.72294	0.00000	253732.9	150132.0	0.0	S
23.667	0.1350	0.0000	77.807	0.72206	0.00000	253739.4	150166.7	0.0	S

Detailed Results (cont,d.) :: *Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
23.680	0.1350	0.0000	77.806	0.72118	0.00000	253745.9	150201.3	0.0	S
23.693	0.1350	0.0000	77.805	0.72030	0.00000	253752.4	150235.9	0.0	S
23.707	0.1350	0.0000	77.804	0.71943	0.00000	253758.8	150270.5	0.0	S
23.720	0.1350	0.0000	77.804	0.71856	0.00000	253765.3	150305.0	0.0	S
23.733	0.1350	0.0000	77.803	0.71770	0.00000	253771.8	150339.4	0.0	S
23.747	0.1350	0.0000	77.802	0.71684	0.00000	253778.3	150373.9	0.0	S
23.760	0.1350	0.0000	77.802	0.71598	0.00000	253784.8	150408.3	0.0	S
23.773	0.1350	0.0000	77.801	0.71513	0.00000	253791.2	150442.6	0.0	S
23.787	0.1350	0.0000	77.800	0.71428	0.00000	253797.7	150476.9	0.0	S
23.800	0.1350	0.0000	77.800	0.71343	0.00000	253804.2	150511.2	0.0	S
23.813	0.1350	0.0000	77.799	0.71258	0.00000	253810.7	150545.4	0.0	S
23.827	0.1350	0.0000	77.798	0.71174	0.00000	253817.2	150579.6	0.0	S
23.840	0.1350	0.0000	77.798	0.71091	0.00000	253823.6	150613.7	0.0	S
23.853	0.1350	0.0000	77.797	0.71007	0.00000	253830.1	150647.8	0.0	S
23.867	0.1350	0.0000	77.796	0.70924	0.00000	253836.6	150681.9	0.0	S
23.880	0.1350	0.0000	77.796	0.70841	0.00000	253843.1	150715.9	0.0	S
23.893	0.1350	0.0000	77.795	0.70758	0.00000	253849.6	150749.9	0.0	S
23.907	0.1350	0.0000	77.794	0.70676	0.00000	253856.0	150783.8	0.0	S
23.920	0.1350	0.0000	77.794	0.70594	0.00000	253862.5	150817.8	0.0	S
23.933	0.1350	0.0000	77.793	0.70513	0.00000	253869.0	150851.6	0.0	S
23.947	0.1350	0.0000	77.792	0.70431	0.00000	253875.5	150885.4	0.0	S
23.960	0.1350	0.0000	77.791	0.70350	0.00000	253882.0	150919.2	0.0	S
23.973	0.1350	0.0000	77.791	0.70269	0.00000	253888.4	150953.0	0.0	S
23.987	0.1350	0.0000	77.790	0.70189	0.00000	253894.9	150986.7	0.0	S
24.000	0.1350	0.0000	77.789	0.70108	0.00000	253901.4	151020.4	0.0	S
24.013	0.1330	0.0000	77.789	0.70028	0.00000	253907.8	151054.0	0.0	S
24.027	0.1267	0.0000	77.788	0.69947	0.00000	253914.1	151087.6	0.0	S
24.040	0.1133	0.0000	77.787	0.69863	0.00000	253919.8	151121.1	0.0	S
24.053	0.0945	0.0000	77.787	0.69778	0.00000	253924.8	151154.7	0.0	S
24.067	0.0743	0.0000	77.786	0.69690	0.00000	253928.9	151188.1	0.0	S
24.080	0.0555	0.0000	77.785	0.69600	0.00000	253932.0	151221.5	0.0	S
24.093	0.0397	0.0000	77.784	0.69509	0.00000	253934.3	151254.9	0.0	S
24.107	0.0283	0.0000	77.784	0.69418	0.00000	253935.9	151288.3	0.0	S
24.120	0.0204	0.0000	77.783	0.69327	0.00000	253937.1	151321.6	0.0	S
24.133	0.0148	0.0000	77.782	0.69236	0.00000	253937.9	151354.8	0.0	S
24.147	0.0106	0.0000	77.781	0.69146	0.00000	253938.5	151388.0	0.0	S
24.160	0.0076	0.0000	77.781	0.69057	0.00000	253939.0	151421.2	0.0	S
24.173	0.0054	0.0000	77.780	0.68968	0.00000	253939.3	151454.3	0.0	S
24.187	0.0039	0.0000	77.779	0.68881	0.00000	253939.5	151487.4	0.0	S
24.200	0.0028	0.0000	77.778	0.68794	0.00000	253939.7	151520.5	0.0	S
24.213	0.0020	0.0000	77.777	0.68708	0.00000	253939.8	151553.5	0.0	S
24.227	0.0014	0.0000	77.776	0.68623	0.00000	253939.8	151586.4	0.0	S
24.240	0.0009	0.0000	77.776	0.68538	0.00000	253939.9	151619.3	0.0	S
24.253	0.0006	0.0000	77.775	0.68454	0.00000	253939.9	151652.2	0.0	S
24.267	0.0004	0.0000	77.774	0.68371	0.00000	253940.0	151685.1	0.0	S
24.280	0.0002	0.0000	77.773	0.68288	0.00000	253940.0	151717.9	0.0	S
24.293	0.0001	0.0000	77.772	0.68206	0.00000	253940.0	151750.6	0.0	S
24.307	0.0000	0.0000	77.772	0.68124	0.00000	253940.0	151783.3	0.0	S
24.320	0.0000	0.0000	77.771	0.68043	0.00000	253940.0	151816.0	0.0	S
24.333	0.0000	0.0000	77.770	0.67962	0.00000	253940.0	151848.7	0.0	S
24.347	0.0000	0.0000	77.769	0.67904	0.00000	253940.0	151881.3	0.0	S
48.347	0.0000	0.0000	76.994	0.29193	0.00000	253940.0	182454.2	0.0	S
72.347	0.0000	0.0000	76.467	0.20035	0.00000	253940.0	202327.3	0.0	S
96.347	0.0000	0.0000	76.063	0.15359	0.00000	253940.0	217074.6	0.0	S
120.347	0.0000	0.0000	75.732	0.12532	0.00000	253940.0	228868.4	0.0	S
144.347	0.0000	0.0000	75.449	0.10619	0.00000	253940.0	238730.0	0.0	S
168.347	0.0000	0.0000	75.200	0.08802	0.00000	253940.0	247217.5	0.0	S
192.347	0.0000	0.0000	74.948	0.03890	0.00000	253940.0	253940.0	0.0	S
216.347	0.0000	0.0000	74.482	0.00000	0.00000	253940.0	253940.0	0.0	S
240.347	0.0000	0.0000	74.107	0.00000	0.00000	253940.0	253940.0	0.0	S
264.347	0.0000	0.0000	73.792	0.00000	0.00000	253940.0	253940.0	0.0	S
288.347	0.0000	0.0000	73.520	0.00000	0.00000	253940.0	253940.0	0.0	S
360.347	0.0000	0.0000	72.923	----	----	253940.0	253940.0	0.0	N.A.

PONDS Routing and Recovery Analysis

Pond 12

100-year / 24-Hour Storm

Input Report
Summary of Results
Detailed Results

PONDS Version 3.2.0207
Retention Pond Recovery - Refined Method
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Project Data

Project Name:	Vista Landfill Redesign
Simulation Description:	Pond 12 - 100 Year / 24 Hour Routing and Recovery Analysis w/ infiltration
Project Number:	10-2141
Engineer :	cms
Supervising Engineer:	cms
Date:	04-26-2011

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum):	66.00
Water Table Elevation, [WT] (ft datum):	66.50
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day):	15.00
Fillable Porosity, [n] (%):	30.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day):	5.0
Maximum Area For Unsaturated Infiltration, [Av] (ft^2):	107646.0

Geometry Data

Equivalent Pond Length, [L] (ft):	850.0
Equivalent Pond Width, [W] (ft):	100.0

Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft^2)
75.00	85496.0
76.00	90958.0
77.00	96470.0
78.00	102032.0
79.00	107646.0

Discharge Structures

Discharge Structure #1 is inactive

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

Scenario Input Data

Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing

Hydrograph Type:	Inline SCS
Modflow Routing:	Routed with infiltration
Repetitions:	1

Basin Area (acres)	16.700
Time Of Concentration (minutes)	6.0
DCIA (%)	0.0
Curve Number	98
Design Rainfall Depth (inches)	10.6
Design Rainfall Duration (hours)	24.0
Shape Factor	UHG 484
Rainfall Distribution	Orange County 100 Year - 24 Hour

Initial ground water level (ft datum) default, 66.50

Time After Storm Event (days)	Time After Storm Event (days)	Time After Storm Event (days)
1.000	6.000	11.000
2.000	7.000	14.000
3.000	8.000	
4.000	9.000	
5.000	10.000	

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Summary of Results :: *Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

	Time (hours)	Stage (ft datum)	Rate (ft^3/s)	Volume (ft^3)
Stage				
Minimum	0.000	66.50		
Maximum	13.093	78.77		
Inflow				
Rate - Maximum - Positive	9.000		36.7304	
Rate - Maximum - Negative	24.320		0.0000	
Cumulative Volume - Maximum Positive	24.293			628266.4
Cumulative Volume - Maximum Negative	None			None
Cumulative Volume - End of Simulation	360.347			628266.4
Infiltration				
Rate - Maximum - Positive	17.267		12.3681	
Rate - Maximum - Negative	None		None	
Cumulative Volume - Maximum Positive	264.347			628266.4
Cumulative Volume - Maximum Negative	None			None
Cumulative Volume - End of Simulation	360.347			628266.4
Combined Discharge				
Rate - Maximum - Positive	None		None	
Rate - Maximum - Negative	None		None	
Cumulative Volume - Maximum Positive	None			None
Cumulative Volume - Maximum Negative	None			None
Cumulative Volume - End of Simulation	360.347			0.0
Discharge Structure 1 - inactive				
Rate - Maximum - Positive	disabled		disabled	
Rate - Maximum - Negative	disabled		disabled	
Cumulative Volume - Maximum Positive	disabled			disabled
Cumulative Volume - Maximum Negative	disabled			disabled
Cumulative Volume - End of Simulation	disabled			disabled
Discharge Structure 2 - inactive				
Rate - Maximum - Positive	disabled		disabled	
Rate - Maximum - Negative	disabled		disabled	
Cumulative Volume - Maximum Positive	disabled			disabled
Cumulative Volume - Maximum Negative	disabled			disabled
Cumulative Volume - End of Simulation	disabled			disabled
Discharge Structure 3 - inactive				
Rate - Maximum - Positive	disabled		disabled	
Rate - Maximum - Negative	disabled		disabled	
Cumulative Volume - Maximum Positive	disabled			disabled
Cumulative Volume - Maximum Negative	disabled			disabled
Cumulative Volume - End of Simulation	disabled			disabled
Pollution Abatement:				
36 Hour Stage and Infiltration Volume	N.A.	N.A.		N.A.
72 Hour Stage and Infiltration Volume	N.A.	N.A.		N.A.

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Detailed Results :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft^3/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft^3/s)	Overflow Discharge (ft^3/s)	Cumulative Inflow Volume (ft^3)	Cumulative Infiltration Volume (ft^3)	Cumulative Discharge Volume (ft^3)	Flow Type
0.000	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	N.A.
0.013	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.027	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.040	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.053	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.067	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.080	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.093	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.107	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.120	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.133	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.147	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.160	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.173	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.187	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.200	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.213	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.227	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.240	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.253	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.267	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.280	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.293	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.307	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.320	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.333	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.347	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.360	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.373	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.387	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.400	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.413	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.427	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.440	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.453	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.467	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.480	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.493	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.507	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.520	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.533	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.547	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.560	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.573	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.587	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.600	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.613	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.627	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.640	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.653	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.667	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.680	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.693	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.707	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.720	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.733	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.747	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.760	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.773	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.787	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.800	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.813	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.827	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.840	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.853	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.867	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.880	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.893	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.907	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.920	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.933	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.947	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.960	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
0.973	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U

Detailed Results (cont.d.) :: *Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
0.987	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.000	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.013	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.027	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.040	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.053	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.067	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.080	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.093	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.107	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.120	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.133	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.147	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.160	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.173	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.187	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.200	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.213	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.227	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.240	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.253	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.267	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.280	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.293	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.307	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.320	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.333	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.347	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.360	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.373	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.387	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.400	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.413	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.427	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.440	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.453	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.467	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.480	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.493	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.507	0.0000	0.0000	66.500	0.00000	0.00000	0.0	0.0	0.0	U
1.520	0.0000	0.0000	66.500	0.00002	0.00000	0.0	0.0	0.0	U
1.533	0.0001	0.0000	66.500	0.00019	0.00000	0.0	0.0	0.0	U
1.547	0.0006	0.0000	66.500	0.00083	0.00000	0.0	0.0	0.0	U
1.560	0.0021	0.0000	66.500	0.00249	0.00000	0.1	0.1	0.0	U
1.573	0.0052	0.0000	66.500	0.00578	0.00000	0.3	0.3	0.0	U
1.587	0.0106	0.0000	66.500	0.01109	0.00000	0.6	0.6	0.0	U
1.600	0.0180	0.0000	66.500	0.01845	0.00000	1.3	1.3	0.0	U
1.613	0.0273	0.0000	66.500	0.02764	0.00000	2.4	2.4	0.0	U
1.627	0.0380	0.0000	66.500	0.03826	0.00000	4.0	4.0	0.0	U
1.640	0.0497	0.0000	66.500	0.04986	0.00000	6.1	6.1	0.0	U
1.653	0.0620	0.0000	66.500	0.06211	0.00000	8.8	8.8	0.0	U
1.667	0.0747	0.0000	66.500	0.07476	0.00000	12.0	12.0	0.0	U
1.680	0.0876	0.0000	66.501	0.08763	0.00000	15.9	15.9	0.0	U
1.693	0.1006	0.0000	66.501	0.10062	0.00000	20.5	20.5	0.0	U
1.707	0.1136	0.0000	66.501	0.11362	0.00000	25.6	25.6	0.0	U
1.720	0.1266	0.0000	66.501	0.12659	0.00000	31.4	31.4	0.0	U
1.733	0.1395	0.0000	66.501	0.13947	0.00000	37.7	37.7	0.0	U
1.747	0.1523	0.0000	66.501	0.15223	0.00000	44.8	44.8	0.0	U
1.760	0.1649	0.0000	66.502	0.16487	0.00000	52.4	52.4	0.0	U
1.773	0.1774	0.0000	66.502	0.17735	0.00000	60.6	60.6	0.0	U
1.787	0.1897	0.0000	66.502	0.18967	0.00000	69.4	69.4	0.0	U
1.800	0.2019	0.0000	66.502	0.20184	0.00000	78.8	78.8	0.0	U
1.813	0.2139	0.0000	66.503	0.21384	0.00000	88.8	88.8	0.0	U
1.827	0.2257	0.0000	66.503	0.22567	0.00000	99.3	99.3	0.0	U
1.840	0.2374	0.0000	66.503	0.23733	0.00000	110.4	110.4	0.0	U
1.853	0.2489	0.0000	66.504	0.24883	0.00000	122.1	122.1	0.0	U
1.867	0.2602	0.0000	66.504	0.26015	0.00000	134.3	134.3	0.0	U
1.880	0.2714	0.0000	66.505	0.27131	0.00000	147.1	147.1	0.0	U
1.893	0.2823	0.0000	66.505	0.28231	0.00000	160.4	160.4	0.0	U
1.907	0.2932	0.0000	66.505	0.29315	0.00000	174.2	174.2	0.0	U
1.920	0.3039	0.0000	66.506	0.30383	0.00000	188.5	188.5	0.0	U
1.933	0.3144	0.0000	66.506	0.31436	0.00000	203.3	203.3	0.0	U
1.947	0.3248	0.0000	66.507	0.32473	0.00000	218.7	218.7	0.0	U
1.960	0.3350	0.0000	66.507	0.33496	0.00000	234.5	234.5	0.0	U

Detailed Results (cont,d.) *:: Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft^3/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft^3/s)	Overflow Discharge (ft^3/s)	Cumulative Inflow Volume (ft^3)	Cumulative Infiltration Volume (ft^3)	Cumulative Discharge Volume (ft^3)	Flow Type
1.973	0.3451	0.0000	66.508	0.34505	0.00000	250.8	250.8	0.0	U
1.987	0.3550	0.0000	66.508	0.35540	0.00000	267.6	267.6	0.0	U
2.000	0.3665	0.0000	66.509	0.36758	0.00000	285.0	285.0	0.0	U
2.013	0.3824	0.0000	66.509	0.38443	0.00000	302.9	302.9	0.0	U
2.027	0.4065	0.0000	66.510	0.40873	0.00000	321.9	321.9	0.0	U
2.040	0.4395	0.0000	66.511	0.44080	0.00000	342.2	342.2	0.0	U
2.053	0.4776	0.0000	66.511	0.47784	0.00000	364.2	364.2	0.0	U
2.067	0.5166	0.0000	66.512	0.51604	0.00000	388.0	388.0	0.0	U
2.080	0.5534	0.0000	66.513	0.55229	0.00000	413.7	413.7	0.0	U
2.093	0.5858	0.0000	66.514	0.58470	0.00000	441.1	441.1	0.0	U
2.107	0.6137	0.0000	66.515	0.61289	0.00000	469.9	469.9	0.0	U
2.120	0.6383	0.0000	66.515	0.63769	0.00000	499.9	499.9	0.0	U
2.133	0.6605	0.0000	66.516	0.66010	0.00000	531.1	531.1	0.0	U
2.147	0.6811	0.0000	66.517	0.68072	0.00000	563.3	563.3	0.0	U
2.160	0.7002	0.0000	66.518	0.69996	0.00000	596.4	596.4	0.0	U
2.173	0.7183	0.0000	66.520	0.71810	0.00000	630.5	630.5	0.0	U
2.187	0.7356	0.0000	66.521	0.73538	0.00000	665.4	665.4	0.0	U
2.200	0.7521	0.0000	66.522	0.75197	0.00000	701.1	701.1	0.0	U
2.213	0.7681	0.0000	66.523	0.76798	0.00000	737.5	737.5	0.0	U
2.227	0.7836	0.0000	66.524	0.78351	0.00000	774.8	774.8	0.0	U
2.240	0.7987	0.0000	66.525	0.79861	0.00000	812.8	812.8	0.0	U
2.253	0.8134	0.0000	66.526	0.81334	0.00000	851.5	851.5	0.0	U
2.267	0.8278	0.0000	66.528	0.82775	0.00000	890.8	890.8	0.0	U
2.280	0.8419	0.0000	66.529	0.84185	0.00000	930.9	930.9	0.0	U
2.293	0.8557	0.0000	66.530	0.85565	0.00000	971.7	971.7	0.0	U
2.307	0.8692	0.0000	66.531	0.86916	0.00000	1013.1	1013.1	0.0	U
2.320	0.8825	0.0000	66.533	0.88239	0.00000	1055.1	1055.1	0.0	U
2.333	0.8954	0.0000	66.534	0.89537	0.00000	1097.8	1097.8	0.0	U
2.347	0.9082	0.0000	66.535	0.90812	0.00000	1141.1	1141.1	0.0	U
2.360	0.9207	0.0000	66.537	0.92065	0.00000	1184.9	1184.9	0.0	U
2.373	0.9330	0.0000	66.538	0.93297	0.00000	1229.4	1229.4	0.0	U
2.387	0.9451	0.0000	66.539	0.94508	0.00000	1274.5	1274.5	0.0	U
2.400	0.9570	0.0000	66.541	0.95699	0.00000	1320.2	1320.2	0.0	U
2.413	0.9687	0.0000	66.542	0.96870	0.00000	1366.4	1366.4	0.0	U
2.427	0.9803	0.0000	66.544	0.98021	0.00000	1413.2	1413.2	0.0	U
2.440	0.9916	0.0000	66.545	0.99153	0.00000	1460.5	1460.5	0.0	U
2.453	1.0027	0.0000	66.547	1.00266	0.00000	1508.3	1508.3	0.0	U
2.467	1.0137	0.0000	66.548	1.01362	0.00000	1556.7	1556.7	0.0	U
2.480	1.0244	0.0000	66.550	1.02439	0.00000	1605.7	1605.7	0.0	U
2.493	1.0350	0.0000	66.551	1.03610	0.00000	1655.1	1655.1	0.0	U
2.507	1.0499	0.0000	66.553	1.05246	0.00000	1705.1	1705.1	0.0	U
2.520	1.0750	0.0000	66.554	1.07953	0.00000	1756.1	1756.1	0.0	U
2.533	1.1182	0.0000	66.556	1.12223	0.00000	1808.8	1808.8	0.0	U
2.547	1.1776	0.0000	66.558	1.17929	0.00000	1863.9	1863.9	0.0	U
2.560	1.2439	0.0000	66.560	1.24350	0.00000	1922.0	1922.0	0.0	U
2.573	1.3087	0.0000	66.561	1.30703	0.00000	1983.2	1983.2	0.0	U
2.587	1.3669	0.0000	66.563	1.36420	0.00000	2047.4	2047.4	0.0	U
2.600	1.4143	0.0000	66.565	1.41193	0.00000	2114.2	2114.2	0.0	U
2.613	1.4522	0.0000	66.568	1.45052	0.00000	2183.0	2183.0	0.0	U
2.627	1.4834	0.0000	66.570	1.48232	0.00000	2253.4	2253.4	0.0	U
2.640	1.5103	0.0000	66.572	1.50939	0.00000	2325.3	2325.3	0.0	U
2.653	1.5336	0.0000	66.574	1.53296	0.00000	2398.3	2398.3	0.0	U
2.667	1.5544	0.0000	66.577	1.55389	0.00000	2472.5	2472.5	0.0	U
2.680	1.5732	0.0000	66.579	1.57285	0.00000	2547.5	2547.5	0.0	U
2.693	1.5906	0.0000	66.581	1.59030	0.00000	2623.4	2623.4	0.0	U
2.707	1.6068	0.0000	66.584	1.60659	0.00000	2700.2	2700.2	0.0	U
2.720	1.6222	0.0000	66.586	1.62199	0.00000	2777.7	2777.7	0.0	U
2.733	1.6368	0.0000	66.588	1.63667	0.00000	2855.9	2855.9	0.0	U
2.747	1.6509	0.0000	66.591	1.65077	0.00000	2934.8	2934.8	0.0	U
2.760	1.6645	0.0000	66.593	1.66438	0.00000	3014.4	3014.4	0.0	U
2.773	1.6777	0.0000	66.596	1.67759	0.00000	3094.6	3094.6	0.0	U
2.787	1.6905	0.0000	66.598	1.69044	0.00000	3175.4	3175.4	0.0	U
2.800	1.7030	0.0000	66.601	1.70294	0.00000	3256.9	3256.9	0.0	U
2.813	1.7152	0.0000	66.603	1.71510	0.00000	3338.9	3338.9	0.0	U
2.827	1.7270	0.0000	66.606	1.72695	0.00000	3421.5	3421.5	0.0	U
2.840	1.7386	0.0000	66.609	1.73855	0.00000	3504.7	3504.7	0.0	U
2.853	1.7500	0.0000	66.611	1.74993	0.00000	3588.4	3588.4	0.0	U
2.867	1.7612	0.0000	66.614	1.76110	0.00000	3672.7	3672.7	0.0	U
2.880	1.7721	0.0000	66.616	1.77207	0.00000	3757.5	3757.5	0.0	U
2.893	1.7829	0.0000	66.619	1.78285	0.00000	3842.8	3842.8	0.0	U
2.907	1.7935	0.0000	66.622	1.79343	0.00000	3928.6	3928.6	0.0	U
2.920	1.8039	0.0000	66.624	1.80383	0.00000	4015.0	4015.0	0.0	U
2.933	1.8141	0.0000	66.627	1.81404	0.00000	4101.8	4101.8	0.0	U
2.947	1.8241	0.0000	66.630	1.82407	0.00000	4189.1	4189.1	0.0	U

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
2.960	1.8340	0.0000	66.632	1.83393	0.00000	4276.9	4276.9	0.0	U
2.973	1.8437	0.0000	66.635	1.84362	0.00000	4365.2	4365.2	0.0	U
2.987	1.8532	0.0000	66.638	1.85314	0.00000	4453.9	4453.9	0.0	U
3.000	1.8625	0.0000	66.641	1.86792	0.00000	4543.1	4543.1	0.0	U
3.013	1.8934	0.0000	66.643	1.90481	0.00000	4633.2	4633.2	0.0	U
3.027	1.9699	0.0000	66.646	1.98900	0.00000	4725.9	4725.9	0.0	U
3.040	2.1228	0.0000	66.649	2.13781	0.00000	4824.2	4824.2	0.0	U
3.053	2.3357	0.0000	66.653	2.34005	0.00000	4931.2	4931.2	0.0	U
3.067	2.5659	0.0000	66.656	2.56266	0.00000	5048.8	5048.8	0.0	U
3.080	2.7831	0.0000	66.660	2.77546	0.00000	5177.2	5177.2	0.0	U
3.093	2.9697	0.0000	66.665	2.95819	0.00000	5315.3	5315.3	0.0	U
3.107	3.1102	0.0000	66.669	3.10121	0.00000	5461.2	5461.2	0.0	U
3.120	3.2147	0.0000	66.674	3.20887	0.00000	5613.0	5613.0	0.0	U
3.133	3.2958	0.0000	66.679	3.29193	0.00000	5769.2	5769.2	0.0	U
3.147	3.3613	0.0000	66.684	3.35805	0.00000	5929.0	5929.0	0.0	U
3.160	3.4137	0.0000	66.689	3.41153	0.00000	6091.6	6091.6	0.0	U
3.173	3.4573	0.0000	66.694	3.45564	0.00000	6256.5	6256.5	0.0	U
3.187	3.4941	0.0000	66.699	3.49287	0.00000	6423.3	6423.3	0.0	U
3.200	3.5258	0.0000	66.704	3.52494	0.00000	6591.8	6591.8	0.0	U
3.213	3.5539	0.0000	66.709	3.55323	0.00000	6761.7	6761.7	0.0	U
3.227	3.5792	0.0000	66.715	3.57868	0.00000	6932.9	6932.9	0.0	U
3.240	3.6023	0.0000	66.720	3.60192	0.00000	7105.3	7105.3	0.0	U
3.253	3.6238	0.0000	66.725	3.62344	0.00000	7278.7	7278.7	0.0	U
3.267	3.6439	0.0000	66.731	3.64365	0.00000	7453.1	7453.1	0.0	U
3.280	3.6631	0.0000	66.736	3.66283	0.00000	7628.5	7628.5	0.0	U
3.293	3.6813	0.0000	66.742	3.68109	0.00000	7804.8	7804.8	0.0	U
3.307	3.6987	0.0000	66.747	3.69847	0.00000	7981.9	7981.9	0.0	U
3.320	3.7152	0.0000	66.753	3.71501	0.00000	8159.8	8159.8	0.0	U
3.333	3.7309	0.0000	66.758	3.73083	0.00000	8338.5	8338.5	0.0	U
3.347	3.7463	0.0000	66.764	3.74616	0.00000	8518.0	8518.0	0.0	U
3.360	3.7612	0.0000	66.769	3.76113	0.00000	8698.2	8698.2	0.0	U
3.373	3.7758	0.0000	66.775	3.77574	0.00000	8879.0	8879.0	0.0	U
3.387	3.7901	0.0000	66.781	3.79000	0.00000	9060.6	9060.6	0.0	U
3.400	3.8040	0.0000	66.786	3.80393	0.00000	9242.9	9242.9	0.0	U
3.413	3.8176	0.0000	66.792	3.81753	0.00000	9425.8	9425.8	0.0	U
3.427	3.8309	0.0000	66.798	3.83082	0.00000	9609.4	9609.4	0.0	U
3.440	3.8439	0.0000	66.803	3.84380	0.00000	9793.6	9793.6	0.0	U
3.453	3.8566	0.0000	66.809	3.85649	0.00000	9978.4	9978.4	0.0	U
3.467	3.8690	0.0000	66.815	3.86889	0.00000	10163.8	10163.8	0.0	U
3.480	3.8811	0.0000	66.820	3.88101	0.00000	10349.8	10349.8	0.0	U
3.493	3.8929	0.0000	66.826	3.89329	0.00000	10536.4	10536.4	0.0	U
3.507	3.9062	0.0000	66.832	3.90876	0.00000	10723.5	10723.5	0.0	U
3.520	3.9297	0.0000	66.838	3.93469	0.00000	10911.6	10911.6	0.0	U
3.533	3.9732	0.0000	66.844	3.98031	0.00000	11101.3	11101.3	0.0	U
3.547	4.0452	0.0000	66.850	4.05009	0.00000	11293.7	11293.7	0.0	U
3.560	4.1368	0.0000	66.856	4.13777	0.00000	11490.1	11490.1	0.0	U
3.573	4.2322	0.0000	66.862	4.23046	0.00000	11690.9	11690.9	0.0	U
3.587	4.3205	0.0000	66.868	4.31707	0.00000	11896.2	11896.2	0.0	U
3.600	4.3950	0.0000	66.875	4.39051	0.00000	12105.4	12105.4	0.0	U
3.613	4.4516	0.0000	66.881	4.44820	0.00000	12317.7	12317.7	0.0	U
3.627	4.4947	0.0000	66.888	4.49245	0.00000	12532.4	12532.4	0.0	U
3.640	4.5289	0.0000	66.895	4.52737	0.00000	12749.0	12749.0	0.0	U
3.653	4.5570	0.0000	66.902	4.55576	0.00000	12967.0	12967.0	0.0	U
3.667	4.5801	0.0000	66.908	4.57927	0.00000	13186.3	13186.3	0.0	U
3.680	4.5998	0.0000	66.915	4.59918	0.00000	13406.6	13406.6	0.0	U
3.693	4.6169	0.0000	66.922	4.61643	0.00000	13627.8	13627.8	0.0	U
3.707	4.6320	0.0000	66.929	4.63167	0.00000	13849.8	13849.8	0.0	U
3.720	4.6457	0.0000	66.936	4.64544	0.00000	14072.5	14072.5	0.0	U
3.733	4.6583	0.0000	66.943	4.65808	0.00000	14295.8	14295.8	0.0	U
3.747	4.6700	0.0000	66.950	4.66985	0.00000	14519.7	14519.7	0.0	U
3.760	4.6811	0.0000	66.957	4.68092	0.00000	14744.1	14744.1	0.0	U
3.773	4.6916	0.0000	66.964	4.69146	0.00000	14969.0	14969.0	0.0	U
3.787	4.7017	0.0000	66.971	4.70157	0.00000	15194.5	15194.5	0.0	U
3.800	4.7114	0.0000	66.978	4.71128	0.00000	15420.4	15420.4	0.0	U
3.813	4.7207	0.0000	66.985	4.72062	0.00000	15646.8	15646.8	0.0	U
3.827	4.7297	0.0000	66.992	4.72959	0.00000	15873.6	15873.6	0.0	U
3.840	4.7383	0.0000	66.999	4.73828	0.00000	16100.8	16100.8	0.0	U
3.853	4.7468	0.0000	67.006	4.74675	0.00000	16328.4	16328.4	0.0	U
3.867	4.7551	0.0000	67.013	4.75504	0.00000	16556.5	16556.5	0.0	U
3.880	4.7632	0.0000	67.020	4.76317	0.00000	16784.9	16784.9	0.0	U
3.893	4.7712	0.0000	67.027	4.77112	0.00000	17013.7	17013.7	0.0	U
3.907	4.7790	0.0000	67.034	4.77892	0.00000	17243.0	17243.0	0.0	U
3.920	4.7866	0.0000	67.041	4.78656	0.00000	17472.5	17472.5	0.0	U
3.933	4.7941	0.0000	67.048	4.79405	0.00000	17702.5	17702.5	0.0	U

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
3.947	4.8014	0.0000	67.055	4.80138	0.00000	17932.8	17932.8	0.0	U
3.960	4.8086	0.0000	67.062	4.80858	0.00000	18163.4	18163.4	0.0	U
3.973	4.8157	0.0000	67.070	4.81563	0.00000	18394.4	18394.4	0.0	U
3.987	4.8226	0.0000	67.077	4.82255	0.00000	18625.7	18625.7	0.0	U
4.000	4.8294	0.0000	67.084	4.83207	0.00000	18857.3	18857.3	0.0	U
4.013	4.8470	0.0000	67.091	4.85681	0.00000	19089.6	19089.6	0.0	U
4.027	4.9040	0.0000	67.098	4.91157	0.00000	19323.6	19323.6	0.0	U
4.040	5.0339	0.0000	75.000	4.94769	0.00000	19562.1	19561.1	0.0	U/P
4.053	5.2512	0.0000	75.000	4.94771	0.00000	19808.9	19798.6	0.0	U/P
4.067	5.5211	0.0000	75.000	4.94776	0.00000	20067.5	20036.1	0.0	U/P
4.080	5.7955	0.0000	75.001	4.94787	0.00000	20339.1	20273.6	0.0	U/P
4.093	6.0425	0.0000	75.001	4.94801	0.00000	20623.2	20511.1	0.0	U/P
4.107	6.2411	0.0000	75.002	4.94821	0.00000	20918.0	20748.6	0.0	U/P
4.120	6.3852	0.0000	75.003	4.94843	0.00000	21221.0	20986.1	0.0	U/P
4.133	6.4894	0.0000	75.004	4.94869	0.00000	21530.0	21223.6	0.0	U/P
4.147	6.5676	0.0000	75.004	4.94896	0.00000	21843.4	21461.2	0.0	U/P
4.160	6.6272	0.0000	75.005	4.94924	0.00000	22160.1	21698.7	0.0	U/P
4.173	6.6724	0.0000	75.006	4.94954	0.00000	22479.3	21936.3	0.0	U/P
4.187	6.7076	0.0000	75.007	4.94985	0.00000	22800.4	22173.9	0.0	U/P
4.200	6.7353	0.0000	75.008	4.95016	0.00000	23123.0	22411.5	0.0	U/P
4.213	6.7576	0.0000	75.009	4.95047	0.00000	23446.8	22649.1	0.0	U/P
4.227	6.7761	0.0000	75.010	4.95080	0.00000	23771.6	22886.7	0.0	U/P
4.240	6.7917	0.0000	75.011	4.95112	0.00000	24097.3	23124.4	0.0	U/P
4.253	6.8051	0.0000	75.012	4.95145	0.00000	24423.6	23362.0	0.0	U/P
4.267	6.8169	0.0000	75.013	4.95177	0.00000	24750.5	23599.7	0.0	U/P
4.280	6.8277	0.0000	75.015	4.95210	0.00000	25078.0	23837.4	0.0	U/P
4.293	6.8376	0.0000	75.016	4.95244	0.00000	25406.0	24075.1	0.0	U/P
4.307	6.8467	0.0000	75.017	4.95277	0.00000	25734.4	24312.8	0.0	U/P
4.320	6.8551	0.0000	75.018	4.95311	0.00000	26063.2	24550.6	0.0	U/P
4.333	6.8627	0.0000	75.019	4.95344	0.00000	26392.4	24788.3	0.0	U/P
4.347	6.8699	0.0000	75.020	4.95378	0.00000	26722.0	25026.1	0.0	U/P
4.360	6.8769	0.0000	75.021	4.95412	0.00000	27052.0	25263.9	0.0	U/P
4.373	6.8837	0.0000	75.022	4.95446	0.00000	27382.2	25501.7	0.0	U/P
4.387	6.8905	0.0000	75.023	4.95480	0.00000	27712.6	25739.5	0.0	U/P
4.400	6.8970	0.0000	75.024	4.95515	0.00000	28043.7	25977.4	0.0	U/P
4.413	6.9034	0.0000	75.025	4.95549	0.00000	28374.9	26215.2	0.0	U/P
4.427	6.9097	0.0000	75.026	4.95584	0.00000	28706.4	26453.1	0.0	U/P
4.440	6.9159	0.0000	75.027	4.95618	0.00000	29038.2	26691.0	0.0	U/P
4.453	6.9219	0.0000	75.029	4.95653	0.00000	29370.3	26928.9	0.0	U/P
4.467	6.9278	0.0000	75.030	4.95688	0.00000	29702.7	27166.8	0.0	U/P
4.480	6.9336	0.0000	75.031	4.95723	0.00000	30035.4	27404.7	0.0	U/P
4.493	6.9393	0.0000	75.032	4.95758	0.00000	30368.4	27642.7	0.0	U/P
4.507	6.9449	0.0000	75.033	4.95793	0.00000	30701.6	27880.7	0.0	U/P
4.520	6.9534	0.0000	75.034	4.95828	0.00000	31035.1	28118.7	0.0	U/P
4.533	6.9706	0.0000	75.035	4.95863	0.00000	31369.3	28356.7	0.0	U/P
4.547	7.0031	0.0000	75.036	4.95899	0.00000	31704.7	28594.7	0.0	U/P
4.560	7.0514	0.0000	75.037	4.95935	0.00000	32042.0	28832.7	0.0	U/P
4.573	7.1075	0.0000	75.039	4.95972	0.00000	32381.8	29070.8	0.0	U/P
4.587	7.1628	0.0000	75.040	4.96010	0.00000	32724.3	29308.9	0.0	U/P
4.600	7.2119	0.0000	75.041	4.96049	0.00000	33069.3	29547.0	0.0	U/P
4.613	7.2509	0.0000	75.042	4.96089	0.00000	33416.4	29785.1	0.0	U/P
4.627	7.2799	0.0000	75.044	4.96130	0.00000	33765.1	30023.2	0.0	U/P
4.640	7.3018	0.0000	75.045	4.96171	0.00000	34115.1	30261.3	0.0	U/P
4.653	7.3190	0.0000	75.046	4.96212	0.00000	34466.0	30499.5	0.0	U/P
4.667	7.3328	0.0000	75.048	4.96254	0.00000	34817.6	30737.7	0.0	U/P
4.680	7.3439	0.0000	75.049	4.96296	0.00000	35169.9	30975.9	0.0	U/P
4.693	7.3532	0.0000	75.050	4.96338	0.00000	35522.6	31214.2	0.0	U/P
4.707	7.3611	0.0000	75.052	4.96380	0.00000	35875.8	31452.4	0.0	U/P
4.720	7.3679	0.0000	75.053	4.96422	0.00000	36229.2	31690.7	0.0	U/P
4.733	7.3741	0.0000	75.054	4.96465	0.00000	36583.1	31929.0	0.0	U/P
4.747	7.3796	0.0000	75.056	4.96508	0.00000	36937.1	32167.3	0.0	U/P
4.760	7.3848	0.0000	75.057	4.96550	0.00000	37291.5	32405.6	0.0	U/P
4.773	7.3896	0.0000	75.058	4.96593	0.00000	37646.1	32644.0	0.0	U/P
4.787	7.3941	0.0000	75.060	4.96636	0.00000	38000.9	32882.4	0.0	U/P
4.800	7.3985	0.0000	75.061	4.96679	0.00000	38355.9	33120.7	0.0	U/P
4.813	7.4027	0.0000	75.062	4.96722	0.00000	38711.1	33359.2	0.0	U/P
4.827	7.4067	0.0000	75.064	4.96765	0.00000	39066.6	33597.6	0.0	U/P
4.840	7.4105	0.0000	75.065	4.96808	0.00000	39422.2	33836.1	0.0	U/P
4.853	7.4142	0.0000	75.067	4.96851	0.00000	39778.0	34074.5	0.0	U/P
4.867	7.4178	0.0000	75.068	4.96894	0.00000	40133.9	34313.0	0.0	U/P
4.880	7.4214	0.0000	75.069	4.96938	0.00000	40490.1	34551.6	0.0	U/P
4.893	7.4249	0.0000	75.071	4.96981	0.00000	40846.4	34790.1	0.0	U/P
4.907	7.4284	0.0000	75.072	4.97024	0.00000	41202.9	35028.7	0.0	U/P
4.920	7.4318	0.0000	75.073	4.97068	0.00000	41559.5	35267.2	0.0	U/P

Detailed Results (cont.d.) *:: Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
4.933	7.4351	0.0000	75.075	4.97111	0.00000	41916.3	35505.8	0.0	U/P
4.947	7.4384	0.0000	75.076	4.97155	0.00000	42273.3	35744.5	0.0	U/P
4.960	7.4416	0.0000	75.078	4.97198	0.00000	42630.4	35983.1	0.0	U/P
4.973	7.4448	0.0000	75.079	4.97242	0.00000	42987.7	36221.8	0.0	U/P
4.987	7.4479	0.0000	75.080	4.97286	0.00000	43345.1	36460.5	0.0	U/P
5.000	7.4536	0.0000	75.082	4.97329	0.00000	43702.7	36699.2	0.0	U/P
5.013	7.4665	0.0000	75.083	4.97373	0.00000	44060.8	36937.9	0.0	U/P
5.027	7.4921	0.0000	75.084	4.97417	0.00000	44419.8	37176.6	0.0	U/P
5.040	7.5309	0.0000	75.086	4.97462	0.00000	44780.4	37415.4	0.0	U/P
5.053	7.5763	0.0000	75.087	4.97507	0.00000	45142.9	37654.2	0.0	U/P
5.067	7.6210	0.0000	75.089	4.97553	0.00000	45507.7	37893.0	0.0	U/P
5.080	7.6605	0.0000	75.090	4.97599	0.00000	45874.4	38131.9	0.0	U/P
5.093	7.6917	0.0000	75.092	4.97647	0.00000	46242.9	38370.7	0.0	U/P
5.107	7.7145	0.0000	75.093	4.97695	0.00000	46612.6	38609.6	0.0	U/P
5.120	7.7314	0.0000	75.095	4.97743	0.00000	46983.3	38848.5	0.0	U/P
5.133	7.7445	0.0000	75.096	4.97791	0.00000	47354.8	39087.4	0.0	U/P
5.147	7.7547	0.0000	75.098	4.97840	0.00000	47726.7	39326.4	0.0	U/P
5.160	7.7628	0.0000	75.100	4.97889	0.00000	48099.2	39565.4	0.0	U/P
5.173	7.7693	0.0000	75.101	4.97938	0.00000	48471.9	39804.4	0.0	U/P
5.187	7.7747	0.0000	75.103	4.97987	0.00000	48845.0	40043.4	0.0	U/P
5.200	7.7793	0.0000	75.104	4.98037	0.00000	49218.3	40282.4	0.0	U/P
5.213	7.7833	0.0000	75.106	4.98086	0.00000	49591.8	40521.5	0.0	U/P
5.227	7.7868	0.0000	75.107	4.98135	0.00000	49965.5	40760.6	0.0	U/P
5.240	7.7901	0.0000	75.109	4.98185	0.00000	50339.3	40999.7	0.0	U/P
5.253	7.7930	0.0000	75.110	4.98234	0.00000	50713.3	41238.8	0.0	U/P
5.267	7.7958	0.0000	75.112	4.98284	0.00000	51087.4	41478.0	0.0	U/P
5.280	7.7985	0.0000	75.114	4.98333	0.00000	51461.7	41717.2	0.0	U/P
5.293	7.8010	0.0000	75.115	4.98383	0.00000	51836.1	41956.4	0.0	U/P
5.307	7.8034	0.0000	75.117	4.98433	0.00000	52210.6	42195.6	0.0	U/P
5.320	7.8057	0.0000	75.118	4.98482	0.00000	52585.2	42434.9	0.0	U/P
5.333	7.8079	0.0000	75.120	4.98532	0.00000	52959.9	42674.2	0.0	U/P
5.347	7.8100	0.0000	75.121	4.98582	0.00000	53334.8	42913.5	0.0	U/P
5.360	7.8122	0.0000	75.123	4.98631	0.00000	53709.7	43152.8	0.0	U/P
5.373	7.8143	0.0000	75.125	4.98681	0.00000	54084.7	43392.2	0.0	U/P
5.387	7.8164	0.0000	75.126	4.98731	0.00000	54459.9	43631.6	0.0	U/P
5.400	7.8184	0.0000	75.128	4.98781	0.00000	54835.1	43871.0	0.0	U/P
5.413	7.8204	0.0000	75.129	4.98831	0.00000	55210.4	44110.4	0.0	U/P
5.427	7.8224	0.0000	75.131	4.98880	0.00000	55585.9	44349.8	0.0	U/P
5.440	7.8243	0.0000	75.132	4.98930	0.00000	55961.4	44589.3	0.0	U/P
5.453	7.8263	0.0000	75.134	4.98980	0.00000	56337.0	44828.8	0.0	U/P
5.467	7.8282	0.0000	75.136	4.99030	0.00000	56712.7	45068.3	0.0	U/P
5.480	7.8300	0.0000	75.137	4.99080	0.00000	57088.5	45307.9	0.0	U/P
5.493	7.8319	0.0000	75.139	4.99130	0.00000	57464.4	45547.5	0.0	U/P
5.507	7.8337	0.0000	75.140	4.99180	0.00000	57840.4	45787.0	0.0	U/P
5.520	7.8355	0.0000	75.142	4.99230	0.00000	58216.4	46026.7	0.0	U/P
5.533	7.8372	0.0000	75.144	4.99280	0.00000	58592.6	46266.3	0.0	U/P
5.547	7.8389	0.0000	75.145	4.99330	0.00000	58968.8	46506.0	0.0	U/P
5.560	7.8406	0.0000	75.147	4.99380	0.00000	59345.1	46745.7	0.0	U/P
5.573	7.8422	0.0000	75.148	4.99430	0.00000	59721.5	46985.4	0.0	U/P
5.587	7.8438	0.0000	75.150	4.99480	0.00000	60098.0	47225.1	0.0	U/P
5.600	7.8455	0.0000	75.151	4.99530	0.00000	60474.5	47464.9	0.0	U/P
5.613	7.8471	0.0000	75.153	4.99580	0.00000	60851.1	47704.7	0.0	U/P
5.627	7.8486	0.0000	75.155	4.99630	0.00000	61227.8	47944.5	0.0	U/P
5.640	7.8502	0.0000	75.156	4.99680	0.00000	61604.6	48184.3	0.0	U/P
5.653	7.8518	0.0000	75.158	4.99731	0.00000	61981.4	48424.2	0.0	U/P
5.667	7.8533	0.0000	75.159	4.99781	0.00000	62358.4	48664.1	0.0	U/P
5.680	7.8548	0.0000	75.161	4.99831	0.00000	62735.4	48904.0	0.0	U/P
5.693	7.8563	0.0000	75.163	4.99881	0.00000	63112.4	49143.9	0.0	U/P
5.707	7.8578	0.0000	75.164	4.99931	0.00000	63489.6	49383.8	0.0	U/P
5.720	7.8592	0.0000	75.166	4.99982	0.00000	63866.8	49623.8	0.0	U/P
5.733	7.8607	0.0000	75.167	5.00032	0.00000	64244.0	49863.8	0.0	U/P
5.747	7.8621	0.0000	75.169	5.00082	0.00000	64621.4	50103.9	0.0	U/P
5.760	7.8635	0.0000	75.170	5.00132	0.00000	64998.8	50343.9	0.0	U/P
5.773	7.8649	0.0000	75.172	5.00182	0.00000	65376.3	50584.0	0.0	U/P
5.787	7.8662	0.0000	75.174	5.00233	0.00000	65753.8	50824.1	0.0	U/P
5.800	7.8676	0.0000	75.175	5.00283	0.00000	66131.4	51064.2	0.0	U/P
5.813	7.8689	0.0000	75.177	5.00333	0.00000	66509.1	51304.4	0.0	U/P
5.827	7.8702	0.0000	75.178	5.00384	0.00000	66886.9	51544.5	0.0	U/P
5.840	7.8715	0.0000	75.180	5.00434	0.00000	67264.7	51784.7	0.0	U/P
5.853	7.8728	0.0000	75.182	5.00484	0.00000	67642.5	52024.9	0.0	U/P
5.867	7.8740	0.0000	75.183	5.00534	0.00000	68020.4	52265.2	0.0	U/P
5.880	7.8753	0.0000	75.185	5.00585	0.00000	68398.4	52505.5	0.0	U/P
5.893	7.8765	0.0000	75.186	5.00635	0.00000	68776.5	52745.7	0.0	U/P
5.907	7.8777	0.0000	75.188	5.00685	0.00000	69154.6	52986.1	0.0	U/P

Detailed Results (cont.d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
5.920	7.8789	0.0000	75.190	5.00736	0.00000	69532.7	53226.4	0.0	U/P
5.933	7.8801	0.0000	75.191	5.00786	0.00000	69911.0	53466.8	0.0	U/P
5.947	7.8813	0.0000	75.193	5.00836	0.00000	70289.2	53707.2	0.0	U/P
5.960	7.8824	0.0000	75.194	5.00887	0.00000	70667.6	53947.6	0.0	U/P
5.973	7.8836	0.0000	75.196	5.00937	0.00000	71045.9	54188.0	0.0	U/P
5.987	7.8847	0.0000	75.198	5.00988	0.00000	71424.4	54428.5	0.0	U/P
6.000	7.8858	0.0000	75.199	5.01038	0.00000	71802.9	54669.0	0.0	U/P
6.013	8.0151	0.0000	75.201	5.01089	0.00000	72184.5	54909.5	0.0	U/P
6.027	8.4138	0.0000	75.203	5.01143	0.00000	72578.8	55150.0	0.0	U/P
6.040	9.2613	0.0000	75.205	5.01204	0.00000	73003.0	55390.6	0.0	U/P
6.053	10.4554	0.0000	75.207	5.01280	0.00000	73476.2	55631.2	0.0	U/P
6.067	11.7396	0.0000	75.211	5.01376	0.00000	74008.9	55871.8	0.0	U/P
6.080	12.9345	0.0000	75.215	5.01493	0.00000	74601.0	56112.5	0.0	U/P
6.093	13.9376	0.0000	75.219	5.01631	0.00000	75246.0	56353.2	0.0	U/P
6.107	14.6588	0.0000	75.225	5.01786	0.00000	75932.3	56594.0	0.0	U/P
6.120	15.1623	0.0000	75.230	5.01954	0.00000	76648.0	56834.9	0.0	U/P
6.133	15.5249	0.0000	75.236	5.02131	0.00000	77384.5	57075.9	0.0	U/P
6.147	15.7939	0.0000	75.242	5.02314	0.00000	78136.1	57317.0	0.0	U/P
6.160	15.9861	0.0000	75.248	5.02502	0.00000	78898.9	57558.1	0.0	U/P
6.173	16.1269	0.0000	75.254	5.02693	0.00000	79669.6	57799.4	0.0	U/P
6.187	16.2292	0.0000	75.260	5.02887	0.00000	80446.1	58040.7	0.0	U/P
6.200	16.3033	0.0000	75.266	5.03082	0.00000	81226.9	58282.2	0.0	U/P
6.213	16.3581	0.0000	75.272	5.03279	0.00000	82010.8	58523.7	0.0	U/P
6.227	16.3987	0.0000	75.279	5.03476	0.00000	82796.9	58765.3	0.0	U/P
6.240	16.4290	0.0000	75.285	5.03674	0.00000	83584.8	59007.0	0.0	U/P
6.253	16.4515	0.0000	75.291	5.03873	0.00000	84373.9	59248.8	0.0	U/P
6.267	16.4689	0.0000	75.297	5.04071	0.00000	85164.0	59490.7	0.0	U/P
6.280	16.4831	0.0000	75.304	5.04270	0.00000	85954.9	59732.7	0.0	U/P
6.293	16.4942	0.0000	75.310	5.04470	0.00000	86746.3	59974.8	0.0	U/P
6.307	16.5024	0.0000	75.316	5.04669	0.00000	87538.2	60217.0	0.0	U/P
6.320	16.5079	0.0000	75.323	5.04868	0.00000	88330.5	60459.3	0.0	U/P
6.333	16.5108	0.0000	75.329	5.05067	0.00000	89122.9	60701.7	0.0	U/P
6.347	16.5137	0.0000	75.335	5.05267	0.00000	89915.5	60944.2	0.0	U/P
6.360	16.5165	0.0000	75.342	5.05466	0.00000	90708.2	61186.8	0.0	U/P
6.373	16.5192	0.0000	75.348	5.05665	0.00000	91501.1	61429.4	0.0	U/P
6.387	16.5219	0.0000	75.354	5.05864	0.00000	92294.1	61672.2	0.0	U/P
6.400	16.5246	0.0000	75.360	5.06063	0.00000	93087.2	61915.1	0.0	U/P
6.413	16.5271	0.0000	75.367	5.06261	0.00000	93880.4	62158.0	0.0	U/P
6.427	16.5297	0.0000	75.373	5.06460	0.00000	94673.8	62401.1	0.0	U/P
6.440	16.5321	0.0000	75.379	5.06659	0.00000	95467.3	62644.2	0.0	U/P
6.453	16.5346	0.0000	75.386	5.06858	0.00000	96260.9	62887.5	0.0	U/P
6.467	16.5369	0.0000	75.392	5.07056	0.00000	97054.6	63130.8	0.0	U/P
6.480	16.5393	0.0000	75.398	5.07255	0.00000	97848.4	63374.2	0.0	U/P
6.493	16.5416	0.0000	75.404	5.07453	0.00000	98642.4	63617.8	0.0	U/P
6.507	16.5498	0.0000	75.411	5.07652	0.00000	99436.6	63861.4	0.0	U/P
6.520	16.5943	0.0000	75.417	5.07850	0.00000	100232.0	64105.1	0.0	U/P
6.533	16.7096	0.0000	75.423	5.08049	0.00000	101031.3	64348.9	0.0	U/P
6.547	16.9245	0.0000	75.430	5.08251	0.00000	101838.5	64592.8	0.0	U/P
6.560	17.2078	0.0000	75.436	5.08456	0.00000	102657.7	64836.9	0.0	U/P
6.573	17.5037	0.0000	75.443	5.08665	0.00000	103490.8	65081.0	0.0	U/P
6.587	17.7740	0.0000	75.450	5.08879	0.00000	104337.4	65325.2	0.0	U/P
6.600	17.9955	0.0000	75.457	5.09098	0.00000	105195.9	65569.5	0.0	U/P
6.613	18.1545	0.0000	75.464	5.09320	0.00000	106063.5	65813.9	0.0	U/P
6.627	18.2663	0.0000	75.471	5.09545	0.00000	106937.6	66058.4	0.0	U/P
6.640	18.3476	0.0000	75.478	5.09772	0.00000	107816.4	66303.1	0.0	U/P
6.653	18.4079	0.0000	75.485	5.10000	0.00000	108698.5	66547.8	0.0	U/P
6.667	18.4515	0.0000	75.493	5.10229	0.00000	109583.1	66792.7	0.0	U/P
6.680	18.4837	0.0000	75.500	5.10458	0.00000	110469.6	67037.6	0.0	U/P
6.693	18.5074	0.0000	75.507	5.10688	0.00000	111357.3	67282.7	0.0	U/P
6.707	18.5250	0.0000	75.515	5.10919	0.00000	112246.1	67527.9	0.0	U/P
6.720	18.5383	0.0000	75.522	5.11149	0.00000	113135.6	67773.2	0.0	U/P
6.733	18.5484	0.0000	75.529	5.11380	0.00000	114025.7	68018.6	0.0	U/P
6.747	18.5563	0.0000	75.536	5.11610	0.00000	114916.2	68264.1	0.0	U/P
6.760	18.5624	0.0000	75.544	5.11841	0.00000	115807.1	68509.7	0.0	U/P
6.773	18.5675	0.0000	75.551	5.12072	0.00000	116698.2	68755.5	0.0	U/P
6.787	18.5717	0.0000	75.558	5.12302	0.00000	117589.5	69001.3	0.0	U/P
6.800	18.5753	0.0000	75.566	5.12533	0.00000	118481.1	69247.3	0.0	U/P
6.813	18.5781	0.0000	75.573	5.12763	0.00000	119372.8	69493.4	0.0	U/P
6.827	18.5803	0.0000	75.580	5.12993	0.00000	120264.5	69739.5	0.0	U/P
6.840	18.5821	0.0000	75.587	5.13223	0.00000	121156.4	69985.8	0.0	U/P
6.853	18.5837	0.0000	75.595	5.13453	0.00000	122048.4	70232.2	0.0	U/P
6.867	18.5854	0.0000	75.602	5.13683	0.00000	122940.5	70478.8	0.0	U/P
6.880	18.5870	0.0000	75.609	5.13913	0.00000	123832.6	70725.4	0.0	U/P
6.893	18.5886	0.0000	75.617	5.14143	0.00000	124724.8	70972.1	0.0	U/P

Detailed Results (cont,d.) *:: Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
6.907	18.5902	0.0000	75.624	5.14372	0.00000	125617.1	71219.0	0.0	U/P
6.920	18.5917	0.0000	75.631	5.14602	0.00000	126509.5	71465.9	0.0	U/P
6.933	18.5932	0.0000	75.638	5.14831	0.00000	127401.9	71713.0	0.0	U/P
6.947	18.5947	0.0000	75.646	5.15061	0.00000	128294.4	71960.1	0.0	U/P
6.960	18.5962	0.0000	75.653	5.15290	0.00000	129187.0	72207.4	0.0	U/P
6.973	18.5976	0.0000	75.660	5.15519	0.00000	130079.7	72454.8	0.0	U/P
6.987	18.5990	0.0000	75.667	5.15748	0.00000	130972.4	72702.3	0.0	U/P
7.000	18.6004	0.0000	75.675	5.15976	0.00000	131865.2	72949.9	0.0	U/P
7.013	18.6336	0.0000	75.682	5.16205	0.00000	132758.8	73197.7	0.0	U/P
7.027	18.7817	0.0000	75.689	5.16435	0.00000	133656.8	73445.5	0.0	U/P
7.040	19.1418	0.0000	75.697	5.16667	0.00000	134566.9	73693.4	0.0	U/P
7.053	19.7554	0.0000	75.704	5.16906	0.00000	135500.5	73941.5	0.0	U/P
7.067	20.5206	0.0000	75.712	5.17154	0.00000	136467.1	74189.7	0.0	U/P
7.080	21.2971	0.0000	75.721	5.17415	0.00000	137470.7	74438.0	0.0	U/P
7.093	21.9923	0.0000	75.730	5.17688	0.00000	138509.6	74686.4	0.0	U/P
7.107	22.5457	0.0000	75.739	5.17972	0.00000	139578.6	74934.9	0.0	U/P
7.120	22.9396	0.0000	75.748	5.18266	0.00000	140670.2	75183.6	0.0	U/P
7.133	23.2172	0.0000	75.758	5.18566	0.00000	141778.0	75432.5	0.0	U/P
7.147	23.4189	0.0000	75.767	5.18871	0.00000	142897.2	75681.5	0.0	U/P
7.160	23.5666	0.0000	75.777	5.19179	0.00000	144024.9	75930.6	0.0	U/P
7.173	23.6727	0.0000	75.787	5.19490	0.00000	145158.6	76179.9	0.0	U/P
7.187	23.7502	0.0000	75.797	5.19802	0.00000	146296.8	76429.3	0.0	U/P
7.200	23.8062	0.0000	75.807	5.20115	0.00000	147438.1	76678.9	0.0	U/P
7.213	23.8470	0.0000	75.817	5.20429	0.00000	148581.8	76928.6	0.0	U/P
7.227	23.8770	0.0000	75.827	5.20743	0.00000	149727.2	77178.5	0.0	U/P
7.240	23.8992	0.0000	75.837	5.21058	0.00000	150873.8	77428.5	0.0	U/P
7.253	23.9156	0.0000	75.847	5.21373	0.00000	152021.4	77678.7	0.0	U/P
7.267	23.9278	0.0000	75.857	5.21688	0.00000	153169.6	77929.1	0.0	U/P
7.280	23.9373	0.0000	75.867	5.22002	0.00000	154318.4	78179.5	0.0	U/P
7.293	23.9449	0.0000	75.877	5.22317	0.00000	155467.5	78430.2	0.0	U/P
7.307	23.9506	0.0000	75.886	5.22632	0.00000	156617.0	78681.0	0.0	U/P
7.320	23.9546	0.0000	75.896	5.22946	0.00000	157766.8	78931.9	0.0	U/P
7.333	23.9570	0.0000	75.906	5.23260	0.00000	158916.6	79183.0	0.0	U/P
7.347	23.9584	0.0000	75.916	5.23574	0.00000	160066.6	79434.2	0.0	U/P
7.360	23.9597	0.0000	75.926	5.23888	0.00000	161216.6	79685.6	0.0	U/P
7.373	23.9611	0.0000	75.936	5.24202	0.00000	162366.7	79937.2	0.0	U/P
7.387	23.9624	0.0000	75.946	5.24515	0.00000	163516.9	80188.8	0.0	U/P
7.400	23.9636	0.0000	75.956	5.24829	0.00000	164667.1	80440.7	0.0	U/P
7.413	23.9649	0.0000	75.966	5.25142	0.00000	165817.4	80692.7	0.0	U/P
7.427	23.9661	0.0000	75.976	5.25455	0.00000	166967.8	80944.8	0.0	U/P
7.440	23.9674	0.0000	75.986	5.25767	0.00000	168118.2	81197.1	0.0	U/P
7.453	23.9686	0.0000	75.996	5.26079	0.00000	169268.6	81449.6	0.0	U/P
7.467	23.9697	0.0000	76.005	5.26392	0.00000	170419.1	81702.2	0.0	U/P
7.480	23.9709	0.0000	76.015	5.26707	0.00000	171569.7	81954.9	0.0	U/P
7.493	23.9720	0.0000	76.025	5.27021	0.00000	172720.3	82207.8	0.0	U/P
7.507	23.9731	0.0000	76.035	5.27335	0.00000	173871.0	82460.8	0.0	U/P
7.520	24.0322	0.0000	76.045	5.27650	0.00000	175023.2	82714.0	0.0	U/P
7.533	24.2516	0.0000	76.055	5.27965	0.00000	176182.0	82967.4	0.0	U/P
7.547	24.7551	0.0000	76.065	5.28285	0.00000	177358.1	83220.9	0.0	U/P
7.560	25.5505	0.0000	76.075	5.28612	0.00000	178565.5	83474.5	0.0	U/P
7.573	26.4908	0.0000	76.086	5.28953	0.00000	179814.5	83728.4	0.0	U/P
7.587	27.4177	0.0000	76.098	5.29308	0.00000	181108.3	83982.3	0.0	U/P
7.600	28.2306	0.0000	76.109	5.29677	0.00000	182443.8	84236.5	0.0	U/P
7.613	28.8580	0.0000	76.122	5.30060	0.00000	183813.9	84490.8	0.0	U/P
7.627	29.3019	0.0000	76.134	5.30453	0.00000	185209.8	84745.3	0.0	U/P
7.640	29.6164	0.0000	76.147	5.30853	0.00000	186623.8	85000.1	0.0	U/P
7.653	29.8460	0.0000	76.159	5.31258	0.00000	188050.9	85255.0	0.0	U/P
7.667	30.0126	0.0000	76.172	5.31667	0.00000	189487.5	85510.1	0.0	U/P
7.680	30.1328	0.0000	76.185	5.32078	0.00000	190931.0	85765.4	0.0	U/P
7.693	30.2201	0.0000	76.198	5.32491	0.00000	192379.5	86020.9	0.0	U/P
7.707	30.2831	0.0000	76.211	5.32905	0.00000	193831.5	86276.6	0.0	U/P
7.720	30.3288	0.0000	76.224	5.33320	0.00000	195286.2	86532.5	0.0	U/P
7.733	30.3624	0.0000	76.237	5.33735	0.00000	196742.8	86788.5	0.0	U/P
7.747	30.3870	0.0000	76.250	5.34150	0.00000	198200.8	87044.8	0.0	U/P
7.760	30.4050	0.0000	76.263	5.34565	0.00000	199659.8	87301.3	0.0	U/P
7.773	30.4184	0.0000	76.276	5.34981	0.00000	201119.6	87558.0	0.0	U/P
7.787	30.4289	0.0000	76.289	5.35396	0.00000	202579.9	87814.9	0.0	U/P
7.800	30.4369	0.0000	76.302	5.35811	0.00000	204040.7	88072.0	0.0	U/P
7.813	30.4428	0.0000	76.315	5.36225	0.00000	205501.8	88329.3	0.0	U/P
7.827	30.4466	0.0000	76.328	5.36639	0.00000	206963.2	88586.8	0.0	U/P
7.840	30.4485	0.0000	76.341	5.37053	0.00000	208424.6	88844.5	0.0	U/P
7.853	30.4496	0.0000	76.354	5.37467	0.00000	209886.2	89102.3	0.0	U/P
7.867	30.4507	0.0000	76.367	5.37880	0.00000	211347.8	89360.4	0.0	U/P
7.880	30.4517	0.0000	76.380	5.38293	0.00000	212809.5	89618.7	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
7.893	30.4527	0.0000	76.393	5.38705	0.00000	214271.2	89877.2	0.0	U/P
7.907	30.4537	0.0000	76.406	5.39118	0.00000	215732.9	90135.9	0.0	U/P
7.920	30.4547	0.0000	76.419	5.39529	0.00000	217194.7	90394.7	0.0	U/P
7.933	30.4557	0.0000	76.432	5.39941	0.00000	218656.6	90653.8	0.0	U/P
7.947	30.4566	0.0000	76.445	5.40352	0.00000	220118.5	90913.1	0.0	U/P
7.960	30.4576	0.0000	76.457	5.40762	0.00000	221580.4	91172.6	0.0	U/P
7.973	30.4585	0.0000	76.470	5.41173	0.00000	223042.4	91432.2	0.0	U/P
7.987	30.4594	0.0000	76.483	5.41583	0.00000	224504.4	91692.1	0.0	U/P
8.000	30.5162	0.0000	76.496	5.41992	0.00000	225967.8	91952.1	0.0	U/P
8.013	30.7279	0.0000	76.509	5.42403	0.00000	227437.7	92212.4	0.0	U/P
8.027	31.2137	0.0000	76.522	5.42817	0.00000	228924.3	92472.8	0.0	U/P
8.040	31.9812	0.0000	76.535	5.43239	0.00000	230441.0	92733.5	0.0	U/P
8.053	32.8886	0.0000	76.549	5.43673	0.00000	231997.8	92994.4	0.0	U/P
8.067	33.7829	0.0000	76.563	5.44120	0.00000	233598.0	93255.4	0.0	U/P
8.080	34.5673	0.0000	76.578	5.44581	0.00000	235238.4	93516.7	0.0	U/P
8.093	35.1726	0.0000	76.593	5.45054	0.00000	236912.1	93778.2	0.0	U/P
8.107	35.6008	0.0000	76.608	5.45536	0.00000	238610.7	94040.0	0.0	U/P
8.120	35.9040	0.0000	76.624	5.46025	0.00000	240326.8	94301.9	0.0	U/P
8.133	36.1253	0.0000	76.639	5.46518	0.00000	242055.5	94564.1	0.0	U/P
8.147	36.2858	0.0000	76.655	5.47015	0.00000	243793.4	94826.6	0.0	U/P
8.160	36.4015	0.0000	76.670	5.47514	0.00000	245537.9	95089.3	0.0	U/P
8.173	36.4855	0.0000	76.686	5.48014	0.00000	247287.2	95352.2	0.0	U/P
8.187	36.5459	0.0000	76.702	5.48515	0.00000	249039.9	95615.4	0.0	U/P
8.200	36.5898	0.0000	76.718	5.49016	0.00000	250795.2	95878.8	0.0	U/P
8.213	36.6219	0.0000	76.733	5.49518	0.00000	252552.2	96142.4	0.0	U/P
8.227	36.6454	0.0000	76.749	5.50020	0.00000	254310.7	96406.3	0.0	U/P
8.240	36.6625	0.0000	76.765	5.50521	0.00000	256070.0	96670.5	0.0	U/P
8.253	36.6752	0.0000	76.780	5.51022	0.00000	257830.1	96934.8	0.0	U/P
8.267	36.6850	0.0000	76.796	5.51523	0.00000	259590.8	97199.4	0.0	U/P
8.280	36.6925	0.0000	76.812	5.52024	0.00000	261351.8	97464.3	0.0	U/P
8.293	36.6979	0.0000	76.828	5.52524	0.00000	263113.2	97729.4	0.0	U/P
8.307	36.7013	0.0000	76.843	5.53023	0.00000	264874.8	97994.7	0.0	U/P
8.320	36.7029	0.0000	76.859	5.53523	0.00000	266636.5	98260.3	0.0	U/P
8.333	36.7037	0.0000	76.874	5.54021	0.00000	268398.3	98526.1	0.0	U/P
8.347	36.7045	0.0000	76.890	5.54520	0.00000	270160.1	98792.1	0.0	U/P
8.360	36.7053	0.0000	76.906	5.55017	0.00000	271921.9	99058.4	0.0	U/P
8.373	36.7060	0.0000	76.921	5.55514	0.00000	273683.8	99325.0	0.0	U/P
8.387	36.7068	0.0000	76.937	5.56011	0.00000	275445.7	99591.7	0.0	U/P
8.400	36.7075	0.0000	76.952	5.56507	0.00000	277207.6	99858.7	0.0	U/P
8.413	36.7082	0.0000	76.968	5.57003	0.00000	278969.6	100126.0	0.0	U/P
8.427	36.7089	0.0000	76.983	5.57498	0.00000	280731.6	100393.4	0.0	U/P
8.440	36.7096	0.0000	76.999	5.57992	0.00000	282493.7	100661.2	0.0	U/P
8.453	36.7103	0.0000	77.014	5.58489	0.00000	284255.7	100929.1	0.0	U/P
8.467	36.7110	0.0000	77.030	5.58987	0.00000	286017.8	101197.3	0.0	U/P
8.480	36.7117	0.0000	77.045	5.59484	0.00000	287780.0	101465.7	0.0	U/P
8.493	36.7123	0.0000	77.061	5.59981	0.00000	289542.2	101734.4	0.0	U/P
8.507	36.7129	0.0000	77.076	5.60478	0.00000	291304.4	102003.3	0.0	U/P
8.520	36.7136	0.0000	77.092	5.60974	0.00000	293066.6	102272.5	0.0	U/P
8.533	36.7141	0.0000	77.107	5.61469	0.00000	294828.9	102541.9	0.0	U/P
8.547	36.7147	0.0000	77.122	5.61964	0.00000	296591.2	102811.5	0.0	U/P
8.560	36.7153	0.0000	77.138	5.62459	0.00000	298353.5	103081.3	0.0	U/P
8.573	36.7158	0.0000	77.153	5.62953	0.00000	300115.8	103351.4	0.0	U/P
8.587	36.7163	0.0000	77.168	5.63446	0.00000	301878.2	103621.8	0.0	U/P
8.600	36.7169	0.0000	77.184	5.63939	0.00000	303640.6	103892.4	0.0	U/P
8.613	36.7174	0.0000	77.199	5.64432	0.00000	305403.0	104163.2	0.0	U/P
8.627	36.7179	0.0000	77.214	5.64924	0.00000	307165.5	104434.2	0.0	U/P
8.640	36.7185	0.0000	77.229	5.65415	0.00000	308927.9	104705.5	0.0	U/P
8.653	36.7190	0.0000	77.245	5.65906	0.00000	310690.4	104977.0	0.0	U/P
8.667	36.7195	0.0000	77.260	5.66397	0.00000	312453.0	105248.8	0.0	U/P
8.680	36.7200	0.0000	77.275	5.66887	0.00000	314215.5	105520.7	0.0	U/P
8.693	36.7205	0.0000	77.290	5.67376	0.00000	315978.1	105793.0	0.0	U/P
8.707	36.7210	0.0000	77.306	5.67865	0.00000	317740.7	106065.4	0.0	U/P
8.720	36.7215	0.0000	77.321	5.68354	0.00000	319503.3	106338.1	0.0	U/P
8.733	36.7220	0.0000	77.336	5.68842	0.00000	321265.9	106611.0	0.0	U/P
8.747	36.7225	0.0000	77.351	5.69330	0.00000	323028.6	106884.2	0.0	U/P
8.760	36.7230	0.0000	77.366	5.69817	0.00000	324791.3	107157.6	0.0	U/P
8.773	36.7234	0.0000	77.381	5.70303	0.00000	326554.0	107431.2	0.0	U/P
8.787	36.7239	0.0000	77.396	5.70789	0.00000	328316.8	107705.1	0.0	U/P
8.800	36.7243	0.0000	77.411	5.71275	0.00000	330079.5	107979.2	0.0	U/P
8.813	36.7248	0.0000	77.426	5.71760	0.00000	331842.3	108253.5	0.0	U/P
8.827	36.7252	0.0000	77.442	5.72245	0.00000	333605.1	108528.1	0.0	U/P
8.840	36.7256	0.0000	77.457	5.72729	0.00000	335367.9	108802.9	0.0	U/P
8.853	36.7261	0.0000	77.472	5.73213	0.00000	337130.8	109077.9	0.0	U/P
8.867	36.7265	0.0000	77.487	5.73696	0.00000	338893.6	109353.2	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft^3/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft^3/s)	Overflow Discharge (ft^3/s)	Cumulative Inflow Volume (ft^3)	Cumulative Infiltration Volume (ft^3)	Cumulative Discharge Volume (ft^3)	Flow Type
8.880	36.7269	0.0000	77.502	5.74179	0.00000	340656.5	109628.6	0.0	U/P
8.893	36.7273	0.0000	77.517	5.74661	0.00000	342419.4	109904.4	0.0	U/P
8.907	36.7277	0.0000	77.532	5.75143	0.00000	344182.3	110180.3	0.0	U/P
8.920	36.7281	0.0000	77.546	5.75624	0.00000	345945.3	110456.5	0.0	U/P
8.933	36.7285	0.0000	77.561	5.76105	0.00000	347708.2	110732.9	0.0	U/P
8.947	36.7289	0.0000	77.576	5.76586	0.00000	349471.2	111009.6	0.0	U/P
8.960	36.7293	0.0000	77.591	5.77065	0.00000	351234.2	111286.4	0.0	U/P
8.973	36.7296	0.0000	77.606	5.77545	0.00000	352997.2	111563.5	0.0	U/P
8.987	36.7300	0.0000	77.621	5.78024	0.00000	354760.2	111840.9	0.0	U/P
9.000	36.7304	0.0000	77.636	5.78502	0.00000	356523.3	112118.5	0.0	U/P
9.013	36.5655	0.0000	77.651	5.78980	0.00000	358282.4	112396.2	0.0	U/P
9.027	36.0537	0.0000	77.665	5.79454	0.00000	360025.2	112674.3	0.0	U/P
9.040	34.9636	0.0000	77.680	5.79918	0.00000	361729.7	112952.5	0.0	U/P
9.053	33.4274	0.0000	77.693	5.80366	0.00000	363371.0	113231.0	0.0	U/P
9.067	31.7756	0.0000	77.706	5.80791	0.00000	364935.9	113509.7	0.0	U/P
9.080	30.2393	0.0000	77.718	5.81191	0.00000	366424.3	113788.6	0.0	U/P
9.093	28.9509	0.0000	77.729	5.81568	0.00000	367844.8	114067.6	0.0	U/P
9.107	28.0259	0.0000	77.740	5.81924	0.00000	369212.3	114346.9	0.0	U/P
9.120	27.3818	0.0000	77.751	5.82267	0.00000	370542.1	114626.3	0.0	U/P
9.133	26.9193	0.0000	77.761	5.82598	0.00000	371845.3	114905.8	0.0	U/P
9.147	26.5775	0.0000	77.771	5.82922	0.00000	373129.2	115185.6	0.0	U/P
9.160	26.3348	0.0000	77.781	5.83241	0.00000	374399.1	115465.4	0.0	U/P
9.173	26.1582	0.0000	77.790	5.83555	0.00000	375658.9	115745.5	0.0	U/P
9.187	26.0312	0.0000	77.800	5.83867	0.00000	376911.5	116025.6	0.0	U/P
9.200	25.9404	0.0000	77.809	5.84176	0.00000	378158.8	116306.0	0.0	U/P
9.213	25.8745	0.0000	77.819	5.84484	0.00000	379402.3	116586.5	0.0	U/P
9.227	25.8267	0.0000	77.829	5.84790	0.00000	380643.2	116867.1	0.0	U/P
9.240	25.7922	0.0000	77.838	5.85096	0.00000	381882.0	117147.9	0.0	U/P
9.253	25.7676	0.0000	77.847	5.85400	0.00000	383119.5	117428.8	0.0	U/P
9.267	25.7495	0.0000	77.857	5.85704	0.00000	384355.9	117709.8	0.0	U/P
9.280	25.7355	0.0000	77.866	5.86008	0.00000	385591.5	117991.1	0.0	U/P
9.293	25.7254	0.0000	77.876	5.86311	0.00000	386826.6	118272.4	0.0	U/P
9.307	25.7189	0.0000	77.885	5.86614	0.00000	388061.3	118553.9	0.0	U/P
9.320	25.7157	0.0000	77.895	5.86917	0.00000	389295.7	118835.6	0.0	U/P
9.333	25.7159	0.0000	77.904	5.87219	0.00000	390530.0	119117.4	0.0	U/P
9.347	25.7160	0.0000	77.913	5.87521	0.00000	391764.4	119399.3	0.0	U/P
9.360	25.7161	0.0000	77.923	5.87823	0.00000	392998.8	119681.4	0.0	U/P
9.373	25.7163	0.0000	77.932	5.88124	0.00000	394233.1	119963.6	0.0	U/P
9.387	25.7164	0.0000	77.941	5.88426	0.00000	395467.5	120246.0	0.0	U/P
9.400	25.7165	0.0000	77.951	5.88727	0.00000	396701.9	120528.5	0.0	U/P
9.413	25.7167	0.0000	77.960	5.89028	0.00000	397936.3	120811.1	0.0	U/P
9.427	25.7168	0.0000	77.969	5.89329	0.00000	399170.7	121094.0	0.0	U/P
9.440	25.7169	0.0000	77.979	5.89630	0.00000	400405.1	121376.9	0.0	U/P
9.453	25.7170	0.0000	77.988	5.89930	0.00000	401639.5	121660.0	0.0	U/P
9.467	25.7172	0.0000	77.997	5.90230	0.00000	402874.0	121943.2	0.0	U/P
9.480	25.7173	0.0000	78.007	5.90532	0.00000	404108.4	122226.6	0.0	U/P
9.493	25.7174	0.0000	78.016	5.90834	0.00000	405342.8	122510.1	0.0	U/P
9.507	25.7145	0.0000	78.025	5.91136	0.00000	406577.2	122793.8	0.0	U/P
9.520	25.6933	0.0000	78.035	5.91439	0.00000	407811.0	123077.6	0.0	U/P
9.533	25.6363	0.0000	78.044	5.91740	0.00000	409042.9	123361.6	0.0	U/P
9.547	25.5292	0.0000	78.053	5.92041	0.00000	410270.8	123645.7	0.0	U/P
9.560	25.3874	0.0000	78.062	5.92339	0.00000	411492.8	123930.0	0.0	U/P
9.573	25.2394	0.0000	78.071	5.92636	0.00000	412707.9	124214.4	0.0	U/P
9.587	25.1042	0.0000	78.080	5.92930	0.00000	413916.1	124498.9	0.0	U/P
9.600	24.9937	0.0000	78.089	5.93222	0.00000	415118.5	124783.6	0.0	U/P
9.613	24.9148	0.0000	78.098	5.93512	0.00000	416316.3	125068.4	0.0	U/P
9.627	24.8596	0.0000	78.107	5.93800	0.00000	417510.9	125353.3	0.0	U/P
9.640	24.8198	0.0000	78.116	5.94088	0.00000	418703.2	125638.4	0.0	U/P
9.653	24.7906	0.0000	78.125	5.94375	0.00000	419893.8	125923.7	0.0	U/P
9.667	24.7698	0.0000	78.134	5.94661	0.00000	421083.3	126209.0	0.0	U/P
9.680	24.7548	0.0000	78.142	5.94946	0.00000	422271.9	126494.5	0.0	U/P
9.693	24.7440	0.0000	78.151	5.95232	0.00000	423459.8	126780.2	0.0	U/P
9.707	24.7362	0.0000	78.160	5.95516	0.00000	424647.4	127066.0	0.0	U/P
9.720	24.7307	0.0000	78.169	5.95801	0.00000	425834.6	127351.9	0.0	U/P
9.733	24.7266	0.0000	78.177	5.96085	0.00000	427021.6	127637.9	0.0	U/P
9.747	24.7238	0.0000	78.186	5.96369	0.00000	428208.4	127924.1	0.0	U/P
9.760	24.7217	0.0000	78.195	5.96653	0.00000	429395.1	128210.4	0.0	U/P
9.773	24.7202	0.0000	78.204	5.96937	0.00000	430581.7	128496.9	0.0	U/P
9.787	24.7191	0.0000	78.212	5.97220	0.00000	431768.2	128783.5	0.0	U/P
9.800	24.7183	0.0000	78.221	5.97503	0.00000	432954.7	129070.2	0.0	U/P
9.813	24.7179	0.0000	78.230	5.97786	0.00000	434141.2	129357.1	0.0	U/P
9.827	24.7178	0.0000	78.238	5.98069	0.00000	435327.6	129644.1	0.0	U/P
9.840	24.7178	0.0000	78.247	5.98352	0.00000	436514.1	129931.3	0.0	U/P
9.853	24.7179	0.0000	78.256	5.98634	0.00000	437700.5	130218.5	0.0	U/P

Detailed Results (cont.d.) *:: Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
9.867	24.7180	0.0000	78.265	5.98917	0.00000	438887.0	130505.9	0.0	U/P
9.880	24.7181	0.0000	78.273	5.99199	0.00000	440073.5	130793.5	0.0	U/P
9.893	24.7182	0.0000	78.282	5.99481	0.00000	441259.9	131081.2	0.0	U/P
9.907	24.7183	0.0000	78.291	5.99763	0.00000	442446.4	131369.0	0.0	U/P
9.920	24.7184	0.0000	78.299	6.00044	0.00000	443632.9	131656.9	0.0	U/P
9.933	24.7185	0.0000	78.308	6.00326	0.00000	444819.4	131945.0	0.0	U/P
9.947	24.7186	0.0000	78.317	6.00607	0.00000	446005.9	132233.3	0.0	U/P
9.960	24.7186	0.0000	78.325	6.00888	0.00000	447192.4	132521.6	0.0	U/P
9.973	24.7187	0.0000	78.334	6.01169	0.00000	448378.9	132810.1	0.0	U/P
9.987	24.7188	0.0000	78.342	6.01450	0.00000	449565.4	133098.7	0.0	U/P
10.000	24.7189	0.0000	78.351	6.01730	0.00000	450751.9	133387.5	0.0	U/P
10.013	24.6469	0.0000	78.360	6.02010	0.00000	451936.7	133676.4	0.0	U/P
10.027	24.3152	0.0000	78.368	6.02289	0.00000	453111.7	133965.4	0.0	U/P
10.040	23.5039	0.0000	78.377	6.02561	0.00000	454259.4	134254.6	0.0	U/P
10.053	22.1193	0.0000	78.384	6.02820	0.00000	455354.3	134543.9	0.0	U/P
10.067	20.3921	0.0000	78.391	6.03060	0.00000	456374.6	134833.3	0.0	U/P
10.080	18.6396	0.0000	78.397	6.03275	0.00000	457311.4	135122.8	0.0	U/P
10.093	17.0711	0.0000	78.403	6.03464	0.00000	458168.4	135412.5	0.0	U/P
10.107	15.8234	0.0000	78.408	6.03630	0.00000	458957.9	135702.2	0.0	U/P
10.120	14.9364	0.0000	78.412	6.03778	0.00000	459696.2	135991.9	0.0	U/P
10.133	14.3126	0.0000	78.416	6.03912	0.00000	460398.1	136281.8	0.0	U/P
10.147	13.8604	0.0000	78.420	6.04036	0.00000	461074.3	136571.7	0.0	U/P
10.160	13.5305	0.0000	78.423	6.04153	0.00000	461731.7	136861.7	0.0	U/P
10.173	13.2943	0.0000	78.427	6.04266	0.00000	462375.4	137151.7	0.0	U/P
10.187	13.1231	0.0000	78.430	6.04374	0.00000	463009.5	137441.8	0.0	U/P
10.200	13.0001	0.0000	78.433	6.04480	0.00000	463636.4	137731.9	0.0	U/P
10.213	12.9118	0.0000	78.436	6.04584	0.00000	464258.3	138022.0	0.0	U/P
10.227	12.8476	0.0000	78.439	6.04687	0.00000	464876.5	138312.3	0.0	U/P
10.240	12.8011	0.0000	78.442	6.04788	0.00000	465492.1	138602.5	0.0	U/P
10.253	12.7676	0.0000	78.446	6.04889	0.00000	466105.8	138892.9	0.0	U/P
10.267	12.7435	0.0000	78.449	6.04989	0.00000	466718.0	139183.3	0.0	U/P
10.280	12.7254	0.0000	78.452	6.05089	0.00000	467329.3	139473.7	0.0	U/P
10.293	12.7116	0.0000	78.455	6.05189	0.00000	467939.8	139764.1	0.0	U/P
10.307	12.7021	0.0000	78.458	6.05288	0.00000	468549.7	140054.6	0.0	U/P
10.320	12.6963	0.0000	78.461	6.05387	0.00000	469159.3	140345.2	0.0	U/P
10.333	12.6942	0.0000	78.464	6.05486	0.00000	469768.6	140635.8	0.0	U/P
10.347	12.6942	0.0000	78.467	6.05585	0.00000	470377.9	140926.5	0.0	U/P
10.360	12.6942	0.0000	78.470	6.05684	0.00000	470987.3	141217.2	0.0	U/P
10.373	12.6942	0.0000	78.473	6.05783	0.00000	471596.6	141507.9	0.0	U/P
10.387	12.6943	0.0000	78.476	6.05882	0.00000	472205.9	141798.7	0.0	U/P
10.400	12.6943	0.0000	78.479	6.05981	0.00000	472815.3	142089.6	0.0	U/P
10.413	12.6943	0.0000	78.482	6.06079	0.00000	473424.6	142380.5	0.0	U/P
10.427	12.6943	0.0000	78.485	6.06178	0.00000	474033.9	142671.4	0.0	U/P
10.440	12.6943	0.0000	78.488	6.06277	0.00000	474643.2	142962.4	0.0	U/P
10.453	12.6944	0.0000	78.491	6.06376	0.00000	475252.5	143253.4	0.0	U/P
10.467	12.6944	0.0000	78.494	6.06474	0.00000	475861.9	143544.5	0.0	U/P
10.480	12.6944	0.0000	78.497	6.06573	0.00000	476471.2	143835.7	0.0	U/P
10.493	12.6944	0.0000	78.500	6.06672	0.00000	477080.5	144126.8	0.0	U/P
10.507	12.6944	0.0000	78.503	6.06770	0.00000	477689.9	144418.1	0.0	U/P
10.520	12.7065	0.0000	78.506	6.06869	0.00000	478299.5	144709.3	0.0	U/P
10.533	12.7518	0.0000	78.510	6.06968	0.00000	478910.5	145000.7	0.0	U/P
10.547	12.8560	0.0000	78.513	6.07067	0.00000	479525.1	145292.0	0.0	U/P
10.560	13.0207	0.0000	78.516	6.07168	0.00000	480146.1	145583.4	0.0	U/P
10.573	13.2155	0.0000	78.519	6.07272	0.00000	480775.8	145874.9	0.0	U/P
10.587	13.4074	0.0000	78.522	6.07378	0.00000	481414.7	146166.4	0.0	U/P
10.600	13.5757	0.0000	78.526	6.07487	0.00000	482062.3	146458.0	0.0	U/P
10.613	13.7056	0.0000	78.529	6.07598	0.00000	482717.1	146749.6	0.0	U/P
10.627	13.7974	0.0000	78.533	6.07711	0.00000	483377.2	147041.3	0.0	U/P
10.640	13.8623	0.0000	78.536	6.07826	0.00000	484041.0	147333.0	0.0	U/P
10.653	13.9097	0.0000	78.540	6.07941	0.00000	484707.5	147624.8	0.0	U/P
10.667	13.9439	0.0000	78.543	6.08057	0.00000	485376.0	147916.6	0.0	U/P
10.680	13.9686	0.0000	78.547	6.08174	0.00000	486045.9	148208.5	0.0	U/P
10.693	13.9865	0.0000	78.551	6.08291	0.00000	486716.8	148500.5	0.0	U/P
10.707	13.9993	0.0000	78.554	6.08408	0.00000	487388.5	148792.5	0.0	U/P
10.720	14.0085	0.0000	78.558	6.08526	0.00000	488060.7	149084.5	0.0	U/P
10.733	14.0152	0.0000	78.561	6.08643	0.00000	488733.2	149376.7	0.0	U/P
10.747	14.0201	0.0000	78.565	6.08761	0.00000	489406.1	149668.8	0.0	U/P
10.760	14.0236	0.0000	78.569	6.08878	0.00000	490079.1	149961.1	0.0	U/P
10.773	14.0261	0.0000	78.572	6.08996	0.00000	490752.3	150253.4	0.0	U/P
10.787	14.0281	0.0000	78.576	6.09113	0.00000	491425.6	150545.7	0.0	U/P
10.800	14.0295	0.0000	78.579	6.09231	0.00000	492099.0	150838.1	0.0	U/P
10.813	14.0305	0.0000	78.583	6.09348	0.00000	492772.4	151130.6	0.0	U/P
10.827	14.0311	0.0000	78.587	6.09466	0.00000	493445.9	151423.1	0.0	U/P
10.840	14.0313	0.0000	78.590	6.09583	0.00000	494119.4	151715.7	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
10.853	14.0313	0.0000	78.594	6.09701	0.00000	494792.9	152008.3	0.0	U/P
10.867	14.0313	0.0000	78.598	6.09818	0.00000	495466.4	152301.0	0.0	U/P
10.880	14.0314	0.0000	78.601	6.09936	0.00000	496139.9	152593.7	0.0	U/P
10.893	14.0314	0.0000	78.605	6.10053	0.00000	496813.4	152886.5	0.0	U/P
10.907	14.0314	0.0000	78.608	6.10170	0.00000	497486.9	153179.4	0.0	U/P
10.920	14.0314	0.0000	78.612	6.10288	0.00000	498160.4	153472.3	0.0	U/P
10.933	14.0314	0.0000	78.616	6.10405	0.00000	498834.0	153765.3	0.0	U/P
10.947	14.0315	0.0000	78.619	6.10522	0.00000	499507.5	154058.3	0.0	U/P
10.960	14.0315	0.0000	78.623	6.10639	0.00000	500181.0	154351.3	0.0	U/P
10.973	14.0315	0.0000	78.626	6.10756	0.00000	500854.5	154644.5	0.0	U/P
10.987	14.0315	0.0000	78.630	6.10873	0.00000	501528.0	154937.7	0.0	U/P
11.000	13.9774	0.0000	78.634	6.10990	0.00000	502200.2	155230.9	0.0	U/P
11.013	13.7737	0.0000	78.637	6.11106	0.00000	502866.3	155524.2	0.0	U/P
11.027	13.3049	0.0000	78.641	6.11218	0.00000	503516.1	155817.6	0.0	U/P
11.040	12.5637	0.0000	78.644	6.11323	0.00000	504137.0	156111.0	0.0	U/P
11.053	11.6873	0.0000	78.646	6.11418	0.00000	504719.0	156404.5	0.0	U/P
11.067	10.8236	0.0000	78.649	6.11500	0.00000	505259.3	156698.0	0.0	U/P
11.080	10.0662	0.0000	78.651	6.11570	0.00000	505760.6	156991.5	0.0	U/P
11.093	9.4820	0.0000	78.652	6.11629	0.00000	506229.8	157285.1	0.0	U/P
11.107	9.0690	0.0000	78.654	6.11679	0.00000	506675.0	157578.7	0.0	U/P
11.120	8.7769	0.0000	78.655	6.11723	0.00000	507103.3	157872.3	0.0	U/P
11.133	8.5639	0.0000	78.656	6.11763	0.00000	507519.5	158165.9	0.0	U/P
11.147	8.4098	0.0000	78.657	6.11799	0.00000	507926.8	158459.6	0.0	U/P
11.160	8.2989	0.0000	78.658	6.11833	0.00000	508327.8	158753.2	0.0	U/P
11.173	8.2186	0.0000	78.659	6.11865	0.00000	508724.3	159046.9	0.0	U/P
11.187	8.1611	0.0000	78.660	6.11897	0.00000	509117.4	159340.6	0.0	U/P
11.200	8.1196	0.0000	78.661	6.11927	0.00000	509508.1	159634.3	0.0	U/P
11.213	8.0895	0.0000	78.662	6.11956	0.00000	509897.2	159928.1	0.0	U/P
11.227	8.0677	0.0000	78.663	6.11985	0.00000	510284.9	160221.8	0.0	U/P
11.240	8.0520	0.0000	78.664	6.12014	0.00000	510671.8	160515.6	0.0	U/P
11.253	8.0407	0.0000	78.665	6.12043	0.00000	511058.0	160809.4	0.0	U/P
11.267	8.0321	0.0000	78.666	6.12071	0.00000	511443.8	161103.1	0.0	U/P
11.280	8.0256	0.0000	78.666	6.12099	0.00000	511829.2	161396.9	0.0	U/P
11.293	8.0212	0.0000	78.667	6.12127	0.00000	512214.3	161690.8	0.0	U/P
11.307	8.0187	0.0000	78.668	6.12155	0.00000	512599.2	161984.6	0.0	U/P
11.320	8.0180	0.0000	78.669	6.12183	0.00000	512984.1	162278.4	0.0	U/P
11.333	8.0180	0.0000	78.670	6.12211	0.00000	513369.0	162572.3	0.0	U/P
11.347	8.0180	0.0000	78.671	6.12239	0.00000	513753.8	162866.2	0.0	U/P
11.360	8.0180	0.0000	78.672	6.12267	0.00000	514138.7	163160.0	0.0	U/P
11.373	8.0180	0.0000	78.672	6.12295	0.00000	514523.6	163453.9	0.0	U/P
11.387	8.0180	0.0000	78.673	6.12323	0.00000	514908.4	163747.8	0.0	U/P
11.400	8.0180	0.0000	78.674	6.12351	0.00000	515293.3	164041.8	0.0	U/P
11.413	8.0180	0.0000	78.675	6.12379	0.00000	515678.2	164335.7	0.0	U/P
11.427	8.0180	0.0000	78.676	6.12407	0.00000	516063.0	164629.6	0.0	U/P
11.440	8.0180	0.0000	78.677	6.12435	0.00000	516447.9	164923.6	0.0	U/P
11.453	8.0180	0.0000	78.678	6.12462	0.00000	516832.8	165217.6	0.0	U/P
11.467	8.0181	0.0000	78.678	6.12490	0.00000	517217.6	165511.6	0.0	U/P
11.480	8.0181	0.0000	78.679	6.12518	0.00000	517602.5	165805.6	0.0	U/P
11.493	8.0181	0.0000	78.680	6.12546	0.00000	517987.3	166099.6	0.0	U/P
11.507	8.0141	0.0000	78.681	6.12574	0.00000	518372.1	166393.6	0.0	U/P
11.520	8.0007	0.0000	78.682	6.12602	0.00000	518756.5	166687.7	0.0	U/P
11.533	7.9712	0.0000	78.683	6.12629	0.00000	519139.8	166981.7	0.0	U/P
11.547	7.9274	0.0000	78.684	6.12656	0.00000	519521.4	167275.8	0.0	U/P
11.560	7.8780	0.0000	78.684	6.12683	0.00000	519900.7	167569.9	0.0	U/P
11.573	7.8308	0.0000	78.685	6.12709	0.00000	520277.7	167864.0	0.0	U/P
11.587	7.7903	0.0000	78.686	6.12734	0.00000	520652.6	168158.1	0.0	U/P
11.600	7.7601	0.0000	78.687	6.12758	0.00000	521025.8	168452.2	0.0	U/P
11.613	7.7389	0.0000	78.687	6.12782	0.00000	521397.8	168746.3	0.0	U/P
11.627	7.7238	0.0000	78.688	6.12806	0.00000	521768.9	169040.5	0.0	U/P
11.640	7.7127	0.0000	78.689	6.12830	0.00000	522139.4	169334.6	0.0	U/P
11.653	7.7048	0.0000	78.690	6.12853	0.00000	522509.4	169628.8	0.0	U/P
11.667	7.6990	0.0000	78.690	6.12876	0.00000	522879.1	169922.9	0.0	U/P
11.680	7.6949	0.0000	78.691	6.12899	0.00000	523248.6	170217.1	0.0	U/P
11.693	7.6919	0.0000	78.692	6.12923	0.00000	523617.8	170511.3	0.0	U/P
11.707	7.6898	0.0000	78.692	6.12946	0.00000	523987.0	170805.5	0.0	U/P
11.720	7.6882	0.0000	78.693	6.12968	0.00000	524356.1	171099.8	0.0	U/P
11.733	7.6871	0.0000	78.694	6.12991	0.00000	524725.1	171394.0	0.0	U/P
11.747	7.6863	0.0000	78.694	6.13014	0.00000	525094.1	171688.2	0.0	U/P
11.760	7.6857	0.0000	78.695	6.13037	0.00000	525463.0	171982.5	0.0	U/P
11.773	7.6853	0.0000	78.696	6.13060	0.00000	525831.9	172276.7	0.0	U/P
11.787	7.6849	0.0000	78.697	6.13083	0.00000	526200.8	172571.0	0.0	U/P
11.800	7.6847	0.0000	78.697	6.13106	0.00000	526569.6	172865.3	0.0	U/P
11.813	7.6846	0.0000	78.698	6.13129	0.00000	526938.5	173159.6	0.0	U/P
11.827	7.6846	0.0000	78.699	6.13152	0.00000	527307.4	173453.9	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
11.840	7.6846	0.0000	78.699	6.13175	0.00000	527676.3	173748.2	0.0	U/P
11.853	7.6846	0.0000	78.700	6.13197	0.00000	528045.1	174042.5	0.0	U/P
11.867	7.6846	0.0000	78.701	6.13220	0.00000	528413.9	174336.9	0.0	U/P
11.880	7.6846	0.0000	78.702	6.13243	0.00000	528782.8	174631.2	0.0	U/P
11.893	7.6846	0.0000	78.702	6.13266	0.00000	529151.7	174925.6	0.0	U/P
11.907	7.6846	0.0000	78.703	6.13289	0.00000	529520.5	175220.0	0.0	U/P
11.920	7.6846	0.0000	78.704	6.13312	0.00000	529889.4	175514.4	0.0	U/P
11.933	7.6846	0.0000	78.704	6.13334	0.00000	530258.3	175808.8	0.0	U/P
11.947	7.6846	0.0000	78.705	6.13357	0.00000	530627.1	176103.2	0.0	U/P
11.960	7.6846	0.0000	78.706	6.13380	0.00000	530996.0	176397.6	0.0	U/P
11.973	7.6847	0.0000	78.706	6.13403	0.00000	531364.8	176692.0	0.0	U/P
11.987	7.6847	0.0000	78.707	6.13426	0.00000	531733.7	176986.4	0.0	U/P
12.000	7.6847	0.0000	78.708	6.13448	0.00000	532102.6	177280.9	0.0	U/P
12.013	7.6897	0.0000	78.709	6.13471	0.00000	532471.6	177575.4	0.0	U/P
12.027	7.7052	0.0000	78.709	6.13494	0.00000	532841.0	177869.8	0.0	U/P
12.040	7.7382	0.0000	78.710	6.13517	0.00000	533211.7	178164.3	0.0	U/P
12.053	7.7847	0.0000	78.711	6.13541	0.00000	533584.3	178458.8	0.0	U/P
12.067	7.8347	0.0000	78.711	6.13565	0.00000	533959.1	178753.3	0.0	U/P
12.080	7.8813	0.0000	78.712	6.13590	0.00000	534336.3	179047.8	0.0	U/P
12.093	7.9203	0.0000	78.713	6.13616	0.00000	534715.5	179342.4	0.0	U/P
12.107	7.9483	0.0000	78.714	6.13642	0.00000	535096.4	179636.9	0.0	U/P
12.120	7.9678	0.0000	78.715	6.13669	0.00000	535478.3	179931.5	0.0	U/P
12.133	7.9818	0.0000	78.716	6.13696	0.00000	535861.1	180226.0	0.0	U/P
12.147	7.9922	0.0000	78.716	6.13723	0.00000	536244.5	180520.6	0.0	U/P
12.160	7.9995	0.0000	78.717	6.13750	0.00000	536628.3	180815.2	0.0	U/P
12.173	8.0049	0.0000	78.718	6.13777	0.00000	537012.4	181109.8	0.0	U/P
12.187	8.0088	0.0000	78.719	6.13805	0.00000	537396.8	181404.4	0.0	U/P
12.200	8.0115	0.0000	78.720	6.13832	0.00000	537781.3	181699.0	0.0	U/P
12.213	8.0135	0.0000	78.721	6.13860	0.00000	538165.8	181993.7	0.0	U/P
12.227	8.0150	0.0000	78.721	6.13887	0.00000	538550.5	182288.4	0.0	U/P
12.240	8.0160	0.0000	78.722	6.13915	0.00000	538935.3	182583.0	0.0	U/P
12.253	8.0168	0.0000	78.723	6.13943	0.00000	539320.1	182877.7	0.0	U/P
12.267	8.0173	0.0000	78.724	6.13970	0.00000	539704.9	183172.4	0.0	U/P
12.280	8.0178	0.0000	78.725	6.13998	0.00000	540089.7	183467.1	0.0	U/P
12.293	8.0181	0.0000	78.726	6.14025	0.00000	540474.6	183761.9	0.0	U/P
12.307	8.0183	0.0000	78.727	6.14053	0.00000	540859.4	184056.6	0.0	U/P
12.320	8.0184	0.0000	78.727	6.14081	0.00000	541244.3	184351.3	0.0	U/P
12.333	8.0184	0.0000	78.728	6.14108	0.00000	541629.2	184646.1	0.0	U/P
12.347	8.0184	0.0000	78.729	6.14136	0.00000	542014.1	184940.9	0.0	U/P
12.360	8.0184	0.0000	78.730	6.14163	0.00000	542399.0	185235.7	0.0	U/P
12.373	8.0184	0.0000	78.731	6.14191	0.00000	542783.9	185530.5	0.0	U/P
12.387	8.0184	0.0000	78.732	6.14218	0.00000	543168.8	185825.3	0.0	U/P
12.400	8.0184	0.0000	78.732	6.14246	0.00000	543553.6	186120.1	0.0	U/P
12.413	8.0184	0.0000	78.733	6.14274	0.00000	543938.5	186415.0	0.0	U/P
12.427	8.0184	0.0000	78.734	6.14301	0.00000	544323.4	186709.8	0.0	U/P
12.440	8.0184	0.0000	78.735	6.14329	0.00000	544708.3	187004.7	0.0	U/P
12.453	8.0185	0.0000	78.736	6.14356	0.00000	545093.2	187299.6	0.0	U/P
12.467	8.0185	0.0000	78.737	6.14384	0.00000	545478.1	187594.5	0.0	U/P
12.480	8.0185	0.0000	78.738	6.14411	0.00000	545862.9	187889.4	0.0	U/P
12.493	8.0185	0.0000	78.738	6.14439	0.00000	546247.8	188184.3	0.0	U/P
12.507	8.0175	0.0000	78.739	6.14466	0.00000	546632.7	188479.3	0.0	U/P
12.520	8.0104	0.0000	78.740	6.14494	0.00000	547017.4	188774.2	0.0	U/P
12.533	7.9913	0.0000	78.741	6.14521	0.00000	547401.4	189069.2	0.0	U/P
12.547	7.9556	0.0000	78.742	6.14548	0.00000	547784.1	189364.2	0.0	U/P
12.560	7.9083	0.0000	78.743	6.14575	0.00000	548164.9	189659.1	0.0	U/P
12.573	7.8590	0.0000	78.743	6.14601	0.00000	548543.3	189954.1	0.0	U/P
12.587	7.8139	0.0000	78.744	6.14626	0.00000	548919.4	190249.2	0.0	U/P
12.600	7.7771	0.0000	78.745	6.14650	0.00000	549293.6	190544.2	0.0	U/P
12.613	7.7507	0.0000	78.746	6.14674	0.00000	549666.3	190839.2	0.0	U/P
12.627	7.7323	0.0000	78.746	6.14698	0.00000	550037.9	191134.3	0.0	U/P
12.640	7.7190	0.0000	78.747	6.14721	0.00000	550408.7	191429.3	0.0	U/P
12.653	7.7093	0.0000	78.748	6.14744	0.00000	550779.0	191724.4	0.0	U/P
12.667	7.7023	0.0000	78.748	6.14767	0.00000	551148.9	192019.5	0.0	U/P
12.680	7.6973	0.0000	78.749	6.14790	0.00000	551518.4	192314.6	0.0	U/P
12.693	7.6936	0.0000	78.750	6.14813	0.00000	551887.8	192609.7	0.0	U/P
12.707	7.6910	0.0000	78.751	6.14836	0.00000	552257.1	192904.8	0.0	U/P
12.720	7.6891	0.0000	78.751	6.14858	0.00000	552626.2	193199.9	0.0	U/P
12.733	7.6878	0.0000	78.752	6.14881	0.00000	552995.3	193495.1	0.0	U/P
12.747	7.6868	0.0000	78.753	6.14903	0.00000	553364.2	193790.2	0.0	U/P
12.760	7.6861	0.0000	78.753	6.14926	0.00000	553733.2	194085.4	0.0	U/P
12.773	7.6855	0.0000	78.754	6.14949	0.00000	554102.1	194380.5	0.0	U/P
12.787	7.6851	0.0000	78.755	6.14971	0.00000	554471.0	194675.7	0.0	U/P
12.800	7.6849	0.0000	78.755	6.14994	0.00000	554839.9	194970.9	0.0	U/P
12.813	7.6847	0.0000	78.756	6.15016	0.00000	555208.8	195266.1	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
12.827	7.6846	0.0000	78.757	6.15039	0.00000	555577.6	195561.3	0.0	U/P
12.840	7.6846	0.0000	78.757	6.15061	0.00000	555946.4	195856.5	0.0	U/P
12.853	7.6846	0.0000	78.758	6.15084	0.00000	556315.3	196151.8	0.0	U/P
12.867	7.6846	0.0000	78.759	6.15106	0.00000	556684.2	196447.0	0.0	U/P
12.880	7.6846	0.0000	78.760	6.15129	0.00000	557053.1	196742.3	0.0	U/P
12.893	7.6846	0.0000	78.760	6.15151	0.00000	557421.9	197037.6	0.0	U/P
12.907	7.6846	0.0000	78.761	6.15174	0.00000	557790.8	197332.8	0.0	U/P
12.920	7.6846	0.0000	78.762	6.15196	0.00000	558159.6	197628.1	0.0	U/P
12.933	7.6846	0.0000	78.762	6.15219	0.00000	558528.5	197923.4	0.0	U/P
12.947	7.6847	0.0000	78.763	6.15241	0.00000	558897.4	198218.7	0.0	U/P
12.960	7.6847	0.0000	78.764	6.15264	0.00000	559266.2	198514.1	0.0	U/P
12.973	7.6847	0.0000	78.764	6.15286	0.00000	559635.1	198809.4	0.0	U/P
12.987	7.6847	0.0000	78.765	6.15308	0.00000	560003.9	199104.7	0.0	U/P
13.000	7.6847	0.0000	78.766	6.15331	0.00000	560372.8	199400.1	0.0	U/P
13.013	7.6706	0.0000	78.766	6.15353	0.00000	560741.3	199695.5	0.0	U/P
13.027	7.6061	0.0000	78.767	6.15375	0.00000	561108.0	199990.8	0.0	U/P
13.040	7.4484	0.0000	78.768	6.15396	0.00000	561469.3	200286.2	0.0	U/P
13.053	7.1791	0.0000	78.768	6.15415	0.00000	561820.3	200581.6	0.0	U/P
13.067	6.8432	0.0000	78.769	6.15430	0.00000	562156.9	200877.0	0.0	U/P
13.080	6.5024	0.0000	78.769	6.15440	0.00000	562477.2	201172.4	0.0	U/P
13.093	6.1974	0.0000	78.769	6.15445	0.00000	562781.9	201467.8	0.0	U/P
13.107	5.9547	0.0000	78.769	6.15446	0.00000	563073.6	201763.2	0.0	U/P
13.120	5.7822	0.0000	78.769	6.15443	0.00000	563355.3	202058.7	0.0	U/P
13.133	5.6609	0.0000	78.769	6.15438	0.00000	563629.9	202354.1	0.0	U/P
13.147	5.5730	0.0000	78.768	6.15431	0.00000	563899.6	202649.5	0.0	U/P
13.160	5.5088	0.0000	78.768	6.15422	0.00000	564165.5	202944.9	0.0	U/P
13.173	5.4629	0.0000	78.768	6.15413	0.00000	564428.8	203240.3	0.0	U/P
13.187	5.4296	0.0000	78.767	6.15403	0.00000	564690.3	203535.7	0.0	U/P
13.200	5.4057	0.0000	78.767	6.15392	0.00000	564950.3	203831.1	0.0	U/P
13.213	5.3885	0.0000	78.767	6.15381	0.00000	565209.4	204126.5	0.0	U/P
13.227	5.3760	0.0000	78.766	6.15370	0.00000	565467.7	204421.8	0.0	U/P
13.240	5.3670	0.0000	78.766	6.15359	0.00000	565725.6	204717.2	0.0	U/P
13.253	5.3605	0.0000	78.766	6.15347	0.00000	565983.0	205012.6	0.0	U/P
13.267	5.3558	0.0000	78.765	6.15336	0.00000	566240.2	205307.9	0.0	U/P
13.280	5.3523	0.0000	78.765	6.15324	0.00000	566497.2	205603.3	0.0	U/P
13.293	5.3496	0.0000	78.765	6.15312	0.00000	566754.1	205898.7	0.0	U/P
13.307	5.3477	0.0000	78.764	6.15300	0.00000	567010.8	206194.0	0.0	U/P
13.320	5.3466	0.0000	78.764	6.15289	0.00000	567267.4	206489.3	0.0	U/P
13.333	5.3462	0.0000	78.764	6.15277	0.00000	567524.1	206784.7	0.0	U/P
13.347	5.3462	0.0000	78.763	6.15265	0.00000	567780.7	207080.0	0.0	U/P
13.360	5.3462	0.0000	78.763	6.15253	0.00000	568037.3	207375.3	0.0	U/P
13.373	5.3462	0.0000	78.763	6.15241	0.00000	568293.9	207670.7	0.0	U/P
13.387	5.3462	0.0000	78.762	6.15229	0.00000	568550.5	207966.0	0.0	U/P
13.400	5.3462	0.0000	78.762	6.15218	0.00000	568807.1	208261.3	0.0	U/P
13.413	5.3462	0.0000	78.761	6.15206	0.00000	569063.8	208556.6	0.0	U/P
13.427	5.3462	0.0000	78.761	6.15194	0.00000	569320.4	208851.9	0.0	U/P
13.440	5.3462	0.0000	78.761	6.15182	0.00000	569577.0	209147.2	0.0	U/P
13.453	5.3462	0.0000	78.760	6.15170	0.00000	569833.6	209442.4	0.0	U/P
13.467	5.3462	0.0000	78.760	6.15159	0.00000	570090.3	209737.7	0.0	U/P
13.480	5.3462	0.0000	78.760	6.15147	0.00000	570346.9	210033.0	0.0	U/P
13.493	5.3462	0.0000	78.759	6.15135	0.00000	570603.4	210328.3	0.0	U/P
13.507	5.3462	0.0000	78.759	6.15123	0.00000	570860.1	210623.5	0.0	U/P
13.520	5.3454	0.0000	78.759	6.15111	0.00000	571116.7	210918.8	0.0	U/P
13.533	5.3426	0.0000	78.758	6.15099	0.00000	571373.2	211214.0	0.0	U/P
13.547	5.3360	0.0000	78.758	6.15088	0.00000	571629.5	211509.3	0.0	U/P
13.560	5.3257	0.0000	78.757	6.15076	0.00000	571885.4	211804.5	0.0	U/P
13.573	5.3134	0.0000	78.757	6.15064	0.00000	572140.7	212099.8	0.0	U/P
13.587	5.3013	0.0000	78.757	6.15051	0.00000	572395.4	212395.0	0.0	U/P
13.600	5.2908	0.0000	78.756	6.15039	0.00000	572649.7	212690.2	0.0	U/P
13.613	5.2826	0.0000	78.756	6.15026	0.00000	572903.4	212985.4	0.0	U/P
13.627	5.2768	0.0000	78.755	6.15013	0.00000	573156.9	213280.6	0.0	U/P
13.640	5.2727	0.0000	78.755	6.15001	0.00000	573410.1	213575.8	0.0	U/P
13.653	5.2697	0.0000	78.755	6.14988	0.00000	573663.1	213871.0	0.0	U/P
13.667	5.2676	0.0000	78.754	6.14975	0.00000	573915.9	214166.2	0.0	U/P
13.680	5.2660	0.0000	78.754	6.14962	0.00000	574168.8	214461.4	0.0	U/P
13.693	5.2649	0.0000	78.753	6.14949	0.00000	574421.5	214756.6	0.0	U/P
13.707	5.2641	0.0000	78.753	6.14936	0.00000	574674.2	215051.8	0.0	U/P
13.720	5.2635	0.0000	78.753	6.14923	0.00000	574926.9	215346.9	0.0	U/P
13.733	5.2631	0.0000	78.752	6.14910	0.00000	575179.5	215642.1	0.0	U/P
13.747	5.2628	0.0000	78.752	6.14897	0.00000	575432.1	215937.2	0.0	U/P
13.760	5.2626	0.0000	78.751	6.14884	0.00000	575684.8	216232.4	0.0	U/P
13.773	5.2624	0.0000	78.751	6.14871	0.00000	575937.3	216527.5	0.0	U/P
13.787	5.2623	0.0000	78.751	6.14858	0.00000	576189.9	216822.7	0.0	U/P
13.800	5.2622	0.0000	78.750	6.14845	0.00000	576442.5	217117.8	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
13.813	5.2622	0.0000	78.750	6.14832	0.00000	576695.1	217412.9	0.0	U/P
13.827	5.2621	0.0000	78.749	6.14819	0.00000	576947.7	217708.0	0.0	U/P
13.840	5.2621	0.0000	78.749	6.14806	0.00000	577200.3	218003.1	0.0	U/P
13.853	5.2621	0.0000	78.749	6.14793	0.00000	577452.9	218298.2	0.0	U/P
13.867	5.2621	0.0000	78.748	6.14780	0.00000	577705.4	218593.3	0.0	U/P
13.880	5.2621	0.0000	78.748	6.14767	0.00000	577958.0	218888.4	0.0	U/P
13.893	5.2621	0.0000	78.747	6.14754	0.00000	578210.6	219183.5	0.0	U/P
13.907	5.2621	0.0000	78.747	6.14741	0.00000	578463.2	219478.6	0.0	U/P
13.920	5.2621	0.0000	78.747	6.14728	0.00000	578715.8	219773.7	0.0	U/P
13.933	5.2621	0.0000	78.746	6.14715	0.00000	578968.4	220068.7	0.0	U/P
13.947	5.2621	0.0000	78.746	6.14702	0.00000	579220.9	220363.8	0.0	U/P
13.960	5.2622	0.0000	78.745	6.14689	0.00000	579473.5	220658.8	0.0	U/P
13.973	5.2622	0.0000	78.745	6.14676	0.00000	579726.1	220953.9	0.0	U/P
13.987	5.2622	0.0000	78.745	6.14663	0.00000	579978.7	221248.9	0.0	U/P
14.000	5.2329	0.0000	78.744	6.14650	0.00000	580230.6	221544.0	0.0	U/P
14.013	5.1225	0.0000	78.744	6.14636	0.00000	580479.1	221839.0	0.0	U/P
14.027	4.8686	0.0000	78.743	6.14621	0.00000	580718.9	222134.0	0.0	U/P
14.040	4.4671	0.0000	78.743	6.14601	0.00000	580942.9	222429.0	0.0	U/P
14.053	3.9925	0.0000	78.742	6.14576	0.00000	581145.9	222724.0	0.0	U/P
14.067	3.5246	0.0000	78.741	6.14545	0.00000	581326.4	223019.0	0.0	U/P
14.080	3.1144	0.0000	78.739	6.14507	0.00000	581485.7	223314.0	0.0	U/P
14.093	2.7980	0.0000	78.738	6.14462	0.00000	581627.6	223609.0	0.0	U/P
14.107	2.5743	0.0000	78.736	6.14414	0.00000	581756.6	223903.9	0.0	U/P
14.120	2.4161	0.0000	78.735	6.14361	0.00000	581876.3	224198.8	0.0	U/P
14.133	2.3007	0.0000	78.733	6.14307	0.00000	581989.5	224493.7	0.0	U/P
14.147	2.2172	0.0000	78.731	6.14250	0.00000	582097.9	224788.5	0.0	U/P
14.160	2.1572	0.0000	78.730	6.14193	0.00000	582202.9	225083.3	0.0	U/P
14.173	2.1137	0.0000	78.728	6.14134	0.00000	582305.4	225378.1	0.0	U/P
14.187	2.0825	0.0000	78.726	6.14075	0.00000	582406.1	225672.9	0.0	U/P
14.200	2.0601	0.0000	78.724	6.14016	0.00000	582505.6	225967.7	0.0	U/P
14.213	2.0438	0.0000	78.722	6.13956	0.00000	582604.1	226262.4	0.0	U/P
14.227	2.0319	0.0000	78.720	6.13895	0.00000	582701.9	226557.0	0.0	U/P
14.240	2.0235	0.0000	78.718	6.13835	0.00000	582799.2	226851.7	0.0	U/P
14.253	2.0173	0.0000	78.717	6.13775	0.00000	582896.2	227146.3	0.0	U/P
14.267	2.0126	0.0000	78.715	6.13714	0.00000	582992.9	227440.9	0.0	U/P
14.280	2.0091	0.0000	78.713	6.13653	0.00000	583089.4	227735.5	0.0	U/P
14.293	2.0068	0.0000	78.711	6.13593	0.00000	583185.8	228030.0	0.0	U/P
14.307	2.0054	0.0000	78.709	6.13532	0.00000	583282.1	228324.5	0.0	U/P
14.320	2.0050	0.0000	78.707	6.13471	0.00000	583378.4	228619.0	0.0	U/P
14.333	2.0050	0.0000	78.705	6.13410	0.00000	583474.6	228913.5	0.0	U/P
14.347	2.0050	0.0000	78.704	6.13350	0.00000	583570.8	229207.9	0.0	U/P
14.360	2.0050	0.0000	78.702	6.13289	0.00000	583667.1	229502.3	0.0	U/P
14.373	2.0050	0.0000	78.700	6.13228	0.00000	583763.3	229796.7	0.0	U/P
14.387	2.0050	0.0000	78.698	6.13167	0.00000	583859.6	230091.0	0.0	U/P
14.400	2.0050	0.0000	78.696	6.13107	0.00000	583955.8	230385.3	0.0	U/P
14.413	2.0050	0.0000	78.694	6.13046	0.00000	584052.0	230679.6	0.0	U/P
14.427	2.0050	0.0000	78.692	6.12985	0.00000	584148.3	230973.8	0.0	U/P
14.440	2.0050	0.0000	78.690	6.12924	0.00000	584244.5	231268.0	0.0	U/P
14.453	2.0050	0.0000	78.689	6.12864	0.00000	584340.8	231562.2	0.0	U/P
14.467	2.0050	0.0000	78.687	6.12803	0.00000	584437.0	231856.4	0.0	U/P
14.480	2.0050	0.0000	78.685	6.12742	0.00000	584533.3	232150.5	0.0	U/P
14.493	2.0050	0.0000	78.683	6.12682	0.00000	584629.4	232444.6	0.0	U/P
14.507	2.0050	0.0000	78.681	6.12621	0.00000	584725.7	232738.7	0.0	U/P
14.520	2.0050	0.0000	78.679	6.12560	0.00000	584821.9	233032.8	0.0	U/P
14.533	2.0049	0.0000	78.677	6.12499	0.00000	584918.2	233326.8	0.0	U/P
14.547	2.0049	0.0000	78.675	6.12439	0.00000	585014.4	233620.7	0.0	U/P
14.560	2.0049	0.0000	78.674	6.12378	0.00000	585110.6	233914.7	0.0	U/P
14.573	2.0048	0.0000	78.672	6.12317	0.00000	585206.9	234208.6	0.0	U/P
14.587	2.0048	0.0000	78.670	6.12257	0.00000	585303.1	234502.5	0.0	U/P
14.600	2.0047	0.0000	78.668	6.12196	0.00000	585399.3	234796.4	0.0	U/P
14.613	2.0047	0.0000	78.666	6.12135	0.00000	585495.6	235090.2	0.0	U/P
14.627	2.0047	0.0000	78.664	6.12075	0.00000	585591.8	235384.0	0.0	U/P
14.640	2.0047	0.0000	78.662	6.12014	0.00000	585688.0	235677.8	0.0	U/P
14.653	2.0047	0.0000	78.661	6.11953	0.00000	585784.3	235971.6	0.0	U/P
14.667	2.0047	0.0000	78.659	6.11893	0.00000	585880.4	236265.3	0.0	U/P
14.680	2.0047	0.0000	78.657	6.11832	0.00000	585976.7	236559.0	0.0	U/P
14.693	2.0047	0.0000	78.655	6.11771	0.00000	586072.9	236852.7	0.0	U/P
14.707	2.0047	0.0000	78.653	6.11710	0.00000	586169.1	237146.3	0.0	U/P
14.720	2.0047	0.0000	78.651	6.11650	0.00000	586265.4	237439.9	0.0	U/P
14.733	2.0047	0.0000	78.649	6.11589	0.00000	586361.6	237733.5	0.0	U/P
14.747	2.0047	0.0000	78.647	6.11528	0.00000	586457.8	238027.0	0.0	U/P
14.760	2.0047	0.0000	78.646	6.11468	0.00000	586554.0	238320.5	0.0	U/P
14.773	2.0046	0.0000	78.644	6.11407	0.00000	586650.3	238614.0	0.0	U/P
14.787	2.0046	0.0000	78.642	6.11346	0.00000	586746.5	238907.5	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
14.800	2.0046	0.0000	78.640	6.11286	0.00000	586842.7	239200.9	0.0	U/P
14.813	2.0046	0.0000	78.638	6.11225	0.00000	586938.9	239494.3	0.0	U/P
14.827	2.0047	0.0000	78.636	6.11164	0.00000	587035.1	239787.7	0.0	U/P
14.840	2.0047	0.0000	78.634	6.11104	0.00000	587131.4	240081.0	0.0	U/P
14.853	2.0047	0.0000	78.633	6.11043	0.00000	587227.6	240374.4	0.0	U/P
14.867	2.0047	0.0000	78.631	6.10983	0.00000	587323.8	240667.6	0.0	U/P
14.880	2.0047	0.0000	78.629	6.10922	0.00000	587420.1	240960.9	0.0	U/P
14.893	2.0047	0.0000	78.627	6.10861	0.00000	587516.3	241254.1	0.0	U/P
14.907	2.0047	0.0000	78.625	6.10801	0.00000	587612.5	241547.3	0.0	U/P
14.920	2.0047	0.0000	78.623	6.10740	0.00000	587708.7	241840.5	0.0	U/P
14.933	2.0047	0.0000	78.621	6.10679	0.00000	587804.9	242133.6	0.0	U/P
14.947	2.0047	0.0000	78.619	6.10619	0.00000	587901.1	242426.8	0.0	U/P
14.960	2.0047	0.0000	78.618	6.10558	0.00000	587997.4	242719.8	0.0	U/P
14.973	2.0047	0.0000	78.616	6.10498	0.00000	588093.6	243012.9	0.0	U/P
14.987	2.0047	0.0000	78.614	6.10437	0.00000	588189.8	243305.9	0.0	U/P
15.000	2.0047	0.0000	78.612	6.10376	0.00000	588286.1	243598.9	0.0	U/P
15.013	2.0047	0.0000	78.610	6.10316	0.00000	588382.3	243891.9	0.0	U/P
15.027	2.0047	0.0000	78.608	6.10255	0.00000	588478.5	244184.8	0.0	U/P
15.040	2.0047	0.0000	78.606	6.10194	0.00000	588574.8	244477.7	0.0	U/P
15.053	2.0048	0.0000	78.605	6.10134	0.00000	588670.9	244770.6	0.0	U/P
15.067	2.0048	0.0000	78.603	6.10073	0.00000	588767.2	245063.5	0.0	U/P
15.080	2.0049	0.0000	78.601	6.10013	0.00000	588863.4	245356.3	0.0	U/P
15.093	2.0049	0.0000	78.599	6.09952	0.00000	588959.6	245649.1	0.0	U/P
15.107	2.0049	0.0000	78.597	6.09892	0.00000	589055.9	245941.8	0.0	U/P
15.120	2.0050	0.0000	78.595	6.09831	0.00000	589152.1	246234.5	0.0	U/P
15.133	2.0050	0.0000	78.593	6.09770	0.00000	589248.4	246527.3	0.0	U/P
15.147	2.0050	0.0000	78.591	6.09710	0.00000	589344.6	246819.9	0.0	U/P
15.160	2.0050	0.0000	78.590	6.09649	0.00000	589440.8	247112.6	0.0	U/P
15.173	2.0050	0.0000	78.588	6.09589	0.00000	589537.1	247405.2	0.0	U/P
15.187	2.0050	0.0000	78.586	6.09528	0.00000	589633.3	247697.8	0.0	U/P
15.200	2.0050	0.0000	78.584	6.09468	0.00000	589729.6	247990.3	0.0	U/P
15.213	2.0050	0.0000	78.582	6.09407	0.00000	589825.8	248282.9	0.0	U/P
15.227	2.0050	0.0000	78.580	6.09346	0.00000	589922.1	248575.4	0.0	U/P
15.240	2.0050	0.0000	78.578	6.09286	0.00000	590018.3	248867.8	0.0	U/P
15.253	2.0050	0.0000	78.577	6.09225	0.00000	590114.5	249160.3	0.0	U/P
15.267	2.0050	0.0000	78.575	6.09165	0.00000	590210.8	249452.7	0.0	U/P
15.280	2.0050	0.0000	78.573	6.09104	0.00000	590307.0	249745.1	0.0	U/P
15.293	2.0050	0.0000	78.571	6.09044	0.00000	590403.3	250037.4	0.0	U/P
15.307	2.0050	0.0000	78.569	6.08983	0.00000	590499.5	250329.8	0.0	U/P
15.320	2.0050	0.0000	78.567	6.08923	0.00000	590595.7	250622.1	0.0	U/P
15.333	2.0050	0.0000	78.565	6.08862	0.00000	590691.9	250914.3	0.0	U/P
15.347	2.0050	0.0000	78.564	6.08802	0.00000	590788.2	251206.6	0.0	U/P
15.360	2.0050	0.0000	78.562	6.08741	0.00000	590884.4	251498.8	0.0	U/P
15.373	2.0050	0.0000	78.560	6.08680	0.00000	590980.7	251791.0	0.0	U/P
15.387	2.0050	0.0000	78.558	6.08620	0.00000	591076.9	252083.1	0.0	U/P
15.400	2.0050	0.0000	78.556	6.08559	0.00000	591173.2	252375.2	0.0	U/P
15.413	2.0050	0.0000	78.554	6.08499	0.00000	591269.4	252667.3	0.0	U/P
15.427	2.0050	0.0000	78.552	6.08438	0.00000	591365.6	252959.4	0.0	U/P
15.440	2.0050	0.0000	78.550	6.08378	0.00000	591461.9	253251.4	0.0	U/P
15.453	2.0050	0.0000	78.549	6.08317	0.00000	591558.1	253543.4	0.0	U/P
15.467	2.0050	0.0000	78.547	6.08257	0.00000	591654.4	253835.4	0.0	U/P
15.480	2.0050	0.0000	78.545	6.08196	0.00000	591750.6	254127.4	0.0	U/P
15.493	2.0050	0.0000	78.543	6.08136	0.00000	591846.9	254419.3	0.0	U/P
15.507	2.0040	0.0000	78.541	6.08075	0.00000	591943.1	254711.2	0.0	U/P
15.520	1.9969	0.0000	78.539	6.08015	0.00000	592039.1	255003.0	0.0	U/P
15.533	1.9778	0.0000	78.537	6.07954	0.00000	592134.5	255294.9	0.0	U/P
15.547	1.9421	0.0000	78.536	6.07893	0.00000	592228.6	255586.7	0.0	U/P
15.560	1.8947	0.0000	78.534	6.07832	0.00000	592320.6	255878.5	0.0	U/P
15.573	1.8453	0.0000	78.532	6.07770	0.00000	592410.4	256170.2	0.0	U/P
15.587	1.8002	0.0000	78.530	6.07707	0.00000	592497.9	256461.9	0.0	U/P
15.600	1.7633	0.0000	78.528	6.07643	0.00000	592583.4	256753.6	0.0	U/P
15.613	1.7369	0.0000	78.526	6.07579	0.00000	592667.4	257045.3	0.0	U/P
15.627	1.7185	0.0000	78.524	6.07515	0.00000	592750.4	257336.9	0.0	U/P
15.640	1.7052	0.0000	78.522	6.07450	0.00000	592832.5	257628.5	0.0	U/P
15.653	1.6954	0.0000	78.520	6.07385	0.00000	592914.1	257920.0	0.0	U/P
15.667	1.6884	0.0000	78.518	6.07320	0.00000	592995.4	258211.5	0.0	U/P
15.680	1.6834	0.0000	78.516	6.07255	0.00000	593076.3	258503.0	0.0	U/P
15.693	1.6797	0.0000	78.514	6.07190	0.00000	593157.0	258794.5	0.0	U/P
15.707	1.6771	0.0000	78.512	6.07125	0.00000	593237.6	259086.0	0.0	U/P
15.720	1.6752	0.0000	78.510	6.07059	0.00000	593318.0	259377.4	0.0	U/P
15.733	1.6739	0.0000	78.508	6.06994	0.00000	593398.4	259668.7	0.0	U/P
15.747	1.6729	0.0000	78.506	6.06929	0.00000	593478.7	259960.1	0.0	U/P
15.760	1.6722	0.0000	78.504	6.06863	0.00000	593559.0	260251.4	0.0	U/P
15.773	1.6716	0.0000	78.502	6.06798	0.00000	593639.3	260542.7	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
15.787	1.6712	0.0000	78.500	6.06732	0.00000	593719.4	260833.9	0.0	U/P
15.800	1.6709	0.0000	78.498	6.06667	0.00000	593799.7	261125.1	0.0	U/P
15.813	1.6708	0.0000	78.496	6.06602	0.00000	593879.9	261416.3	0.0	U/P
15.827	1.6707	0.0000	78.494	6.06536	0.00000	593960.1	261707.5	0.0	U/P
15.840	1.6707	0.0000	78.492	6.06471	0.00000	594040.3	261998.6	0.0	U/P
15.853	1.6707	0.0000	78.490	6.06405	0.00000	594120.4	262289.7	0.0	U/P
15.867	1.6707	0.0000	78.488	6.06340	0.00000	594200.6	262580.7	0.0	U/P
15.880	1.6707	0.0000	78.486	6.06275	0.00000	594280.8	262871.8	0.0	U/P
15.893	1.6707	0.0000	78.484	6.06209	0.00000	594361.1	263162.8	0.0	U/P
15.907	1.6707	0.0000	78.482	6.06144	0.00000	594441.3	263453.7	0.0	U/P
15.920	1.6707	0.0000	78.480	6.06079	0.00000	594521.4	263744.7	0.0	U/P
15.933	1.6707	0.0000	78.478	6.06013	0.00000	594601.6	264035.6	0.0	U/P
15.947	1.6707	0.0000	78.476	6.05948	0.00000	594681.8	264326.4	0.0	U/P
15.960	1.6707	0.0000	78.474	6.05882	0.00000	594762.0	264617.3	0.0	U/P
15.973	1.6707	0.0000	78.472	6.05817	0.00000	594842.2	264908.1	0.0	U/P
15.987	1.6707	0.0000	78.470	6.05752	0.00000	594922.4	265198.8	0.0	U/P
16.000	1.6707	0.0000	78.468	6.05686	0.00000	595002.6	265489.6	0.0	U/P
16.013	1.6687	0.0000	78.466	6.05621	0.00000	595082.8	265780.3	0.0	U/P
16.027	1.6594	0.0000	78.464	6.05556	0.00000	595162.6	266071.0	0.0	U/P
16.040	1.6369	0.0000	78.462	6.05490	0.00000	595241.7	266361.6	0.0	U/P
16.053	1.5984	0.0000	78.459	6.05424	0.00000	595319.4	266652.3	0.0	U/P
16.067	1.5504	0.0000	78.457	6.05358	0.00000	595394.9	266942.8	0.0	U/P
16.080	1.5016	0.0000	78.455	6.05291	0.00000	595468.2	267233.4	0.0	U/P
16.093	1.4580	0.0000	78.453	6.05223	0.00000	595539.2	267523.9	0.0	U/P
16.107	1.4233	0.0000	78.451	6.05154	0.00000	595608.4	267814.4	0.0	U/P
16.120	1.3987	0.0000	78.449	6.05085	0.00000	595676.1	268104.9	0.0	U/P
16.133	1.3813	0.0000	78.447	6.05016	0.00000	595742.8	268395.3	0.0	U/P
16.147	1.3688	0.0000	78.445	6.04946	0.00000	595808.8	268685.7	0.0	U/P
16.160	1.3596	0.0000	78.443	6.04876	0.00000	595874.3	268976.0	0.0	U/P
16.173	1.3530	0.0000	78.440	6.04806	0.00000	595939.4	269266.4	0.0	U/P
16.187	1.3483	0.0000	78.438	6.04736	0.00000	596004.3	269556.7	0.0	U/P
16.200	1.3448	0.0000	78.436	6.04666	0.00000	596068.9	269846.9	0.0	U/P
16.213	1.3424	0.0000	78.434	6.04596	0.00000	596133.4	270137.1	0.0	U/P
16.227	1.3406	0.0000	78.432	6.04526	0.00000	596197.8	270427.3	0.0	U/P
16.240	1.3393	0.0000	78.430	6.04456	0.00000	596262.1	270717.5	0.0	U/P
16.253	1.3384	0.0000	78.427	6.04385	0.00000	596326.3	271007.6	0.0	U/P
16.267	1.3377	0.0000	78.425	6.04315	0.00000	596390.6	271297.7	0.0	U/P
16.280	1.3372	0.0000	78.423	6.04245	0.00000	596454.8	271587.8	0.0	U/P
16.293	1.3368	0.0000	78.421	6.04175	0.00000	596518.9	271877.8	0.0	U/P
16.307	1.3366	0.0000	78.419	6.04104	0.00000	596583.1	272167.8	0.0	U/P
16.320	1.3364	0.0000	78.417	6.04034	0.00000	596647.3	272457.7	0.0	U/P
16.333	1.3363	0.0000	78.414	6.03964	0.00000	596711.4	272747.6	0.0	U/P
16.347	1.3363	0.0000	78.412	6.03893	0.00000	596775.5	273037.5	0.0	U/P
16.360	1.3363	0.0000	78.410	6.03823	0.00000	596839.7	273327.4	0.0	U/P
16.373	1.3363	0.0000	78.408	6.03753	0.00000	596903.8	273617.2	0.0	U/P
16.387	1.3363	0.0000	78.406	6.03683	0.00000	596967.9	273907.0	0.0	U/P
16.400	1.3363	0.0000	78.404	6.03612	0.00000	597032.1	274196.7	0.0	U/P
16.413	1.3363	0.0000	78.402	6.03542	0.00000	597096.3	274486.4	0.0	U/P
16.427	1.3363	0.0000	78.399	6.03472	0.00000	597160.4	274776.1	0.0	U/P
16.440	1.3363	0.0000	78.397	6.03402	0.00000	597224.6	275065.8	0.0	U/P
16.453	1.3363	0.0000	78.395	6.03331	0.00000	597288.7	275355.4	0.0	U/P
16.467	1.3363	0.0000	78.393	6.03261	0.00000	597352.8	275645.0	0.0	U/P
16.480	1.3363	0.0000	78.391	6.03191	0.00000	597416.9	275934.5	0.0	U/P
16.493	1.3363	0.0000	78.389	6.03121	0.00000	597481.1	276224.0	0.0	U/P
16.507	1.3363	0.0000	78.386	6.03050	0.00000	597545.3	276513.5	0.0	U/P
16.520	1.3401	0.0000	78.384	6.02980	0.00000	597609.5	276803.0	0.0	U/P
16.533	1.3543	0.0000	78.382	6.02910	0.00000	597674.1	277092.4	0.0	U/P
16.547	1.3868	0.0000	78.380	6.02840	0.00000	597739.9	277381.8	0.0	U/P
16.560	1.4383	0.0000	78.378	6.02771	0.00000	597807.8	277671.1	0.0	U/P
16.573	1.4992	0.0000	78.376	6.02702	0.00000	597878.3	277960.4	0.0	U/P
16.587	1.5593	0.0000	78.374	6.02634	0.00000	597951.6	278249.7	0.0	U/P
16.600	1.6119	0.0000	78.372	6.02567	0.00000	598027.8	278538.9	0.0	U/P
16.613	1.6525	0.0000	78.370	6.02501	0.00000	598106.1	278828.2	0.0	U/P
16.627	1.6812	0.0000	78.368	6.02435	0.00000	598186.1	279117.3	0.0	U/P
16.640	1.7015	0.0000	78.366	6.02370	0.00000	598267.3	279406.5	0.0	U/P
16.653	1.7163	0.0000	78.364	6.02306	0.00000	598349.3	279695.6	0.0	U/P
16.667	1.7270	0.0000	78.362	6.02241	0.00000	598431.9	279984.7	0.0	U/P
16.680	1.7347	0.0000	78.360	6.02177	0.00000	598515.1	280273.8	0.0	U/P
16.693	1.7403	0.0000	78.358	6.02112	0.00000	598598.4	280562.8	0.0	U/P
16.707	1.7443	0.0000	78.356	6.02048	0.00000	598682.1	280851.8	0.0	U/P
16.720	1.7472	0.0000	78.354	6.01984	0.00000	598765.9	281140.8	0.0	U/P
16.733	1.7492	0.0000	78.352	6.01920	0.00000	598849.8	281429.7	0.0	U/P
16.747	1.7508	0.0000	78.350	6.01856	0.00000	598933.8	281718.6	0.0	U/P
16.760	1.7519	0.0000	78.348	6.01792	0.00000	599017.8	282007.5	0.0	U/P

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
16.773	1.7526	0.0000	78.346	6.01728	0.00000	599101.9	282296.3	0.0	U/P
16.787	1.7532	0.0000	78.344	6.01664	0.00000	599186.1	282585.2	0.0	U/P
16.800	1.7537	0.0000	78.342	6.01600	0.00000	599270.3	282873.9	0.0	U/P
16.813	1.7540	0.0000	78.340	6.01536	0.00000	599354.4	283162.7	0.0	U/P
16.827	1.7542	0.0000	78.338	6.01472	0.00000	599438.6	283451.4	0.0	U/P
16.840	1.7542	0.0000	78.336	6.01408	0.00000	599522.8	283740.1	0.0	U/P
16.853	1.7542	0.0000	78.334	6.01344	0.00000	599607.1	284028.8	0.0	U/P
16.867	1.7542	0.0000	78.332	6.01280	0.00000	599691.3	284317.4	0.0	U/P
16.880	1.7542	0.0000	78.330	6.01217	0.00000	599775.4	284606.0	0.0	U/P
16.893	1.7542	0.0000	78.328	6.01153	0.00000	599859.6	284894.6	0.0	U/P
16.907	1.7542	0.0000	78.326	6.01089	0.00000	599943.9	285183.1	0.0	U/P
16.920	1.7542	0.0000	78.324	6.01025	0.00000	600028.1	285471.6	0.0	U/P
16.933	1.7542	0.0000	78.322	6.00961	0.00000	600112.3	285760.1	0.0	U/P
16.947	1.7542	0.0000	78.320	6.00897	0.00000	600196.4	286048.5	0.0	U/P
16.960	1.7542	0.0000	78.318	6.00833	0.00000	600280.6	286336.9	0.0	U/P
16.973	1.7542	0.0000	78.316	6.00769	0.00000	600364.9	286625.3	0.0	U/P
16.987	1.7542	0.0000	78.314	6.00705	0.00000	600449.1	286913.7	0.0	U/P
17.000	1.7565	0.0000	78.312	6.00641	0.00000	600533.3	287202.0	0.0	U/P
17.013	1.7650	0.0000	78.310	6.00578	0.00000	600617.8	287490.3	0.0	U/P
17.027	1.7845	0.0000	78.308	5.03663	0.00000	600703.0	287778.6	0.0	U/P
17.040	1.8154	0.0000	78.307	3.39225	0.00000	600789.4	287973.8	0.0	U/S
17.053	1.8520	0.0000	78.307	2.95196	0.00000	600877.4	288104.2	0.0	S
17.067	1.8880	0.0000	78.306	3.45342	0.00000	600967.2	288257.2	0.0	S
17.080	1.9196	0.0000	78.305	4.01750	0.00000	601058.6	288435.7	0.0	S
17.093	1.9440	0.0000	78.304	4.64441	0.00000	601151.3	288642.9	0.0	S
17.107	1.9612	0.0000	78.303	5.33149	0.00000	601245.1	288881.6	0.0	S
17.120	1.9734	0.0000	78.301	6.07245	0.00000	601339.4	289154.7	0.0	S
17.133	1.9823	0.0000	78.299	6.85670	0.00000	601434.4	289464.6	0.0	S
17.147	1.9887	0.0000	78.297	7.66898	0.00000	601529.7	289812.9	0.0	S
17.160	1.9933	0.0000	78.294	8.48932	0.00000	601625.3	290200.8	0.0	S
17.173	1.9967	0.0000	78.291	9.29364	0.00000	601721.0	290627.9	0.0	S
17.187	1.9991	0.0000	78.287	10.05497	0.00000	601816.9	291093.0	0.0	S
17.200	2.0008	0.0000	78.283	10.74524	0.00000	601912.9	291593.2	0.0	S
17.213	2.0021	0.0000	78.279	11.33767	0.00000	602009.0	292124.5	0.0	S
17.227	2.0030	0.0000	78.275	11.80921	0.00000	602105.1	292681.6	0.0	S
17.240	2.0036	0.0000	78.270	12.14285	0.00000	602201.3	293258.2	0.0	S
17.253	2.0041	0.0000	78.265	12.32935	0.00000	602297.4	293847.3	0.0	S
17.267	2.0045	0.0000	78.260	12.36811	0.00000	602393.7	294441.8	0.0	S
17.280	2.0047	0.0000	78.256	12.26705	0.00000	602489.9	295034.7	0.0	S
17.293	2.0049	0.0000	78.251	12.04146	0.00000	602586.1	295619.4	0.0	S
17.307	2.0050	0.0000	78.246	11.71228	0.00000	602682.4	296190.6	0.0	S
17.320	2.0050	0.0000	78.242	11.30389	0.00000	602778.6	296743.8	0.0	S
17.333	2.0050	0.0000	78.238	10.84182	0.00000	602874.8	297275.8	0.0	S
17.347	2.0050	0.0000	78.234	10.35080	0.00000	602971.1	297784.6	0.0	S
17.360	2.0050	0.0000	78.230	9.85312	0.00000	603067.3	298269.5	0.0	S
17.373	2.0050	0.0000	78.226	9.36757	0.00000	603163.6	298730.5	0.0	S
17.387	2.0050	0.0000	78.223	8.90885	0.00000	603259.8	299168.8	0.0	S
17.400	2.0050	0.0000	78.220	8.48742	0.00000	603356.1	299585.8	0.0	S
17.413	2.0050	0.0000	78.217	8.10982	0.00000	603452.3	299983.6	0.0	S
17.427	2.0050	0.0000	78.214	7.77911	0.00000	603548.5	300364.3	0.0	S
17.440	2.0050	0.0000	78.212	7.49538	0.00000	603644.8	300730.4	0.0	S
17.453	2.0050	0.0000	78.209	7.25649	0.00000	603741.0	301083.9	0.0	S
17.467	2.0050	0.0000	78.207	7.05869	0.00000	603837.3	301427.0	0.0	S
17.480	2.0050	0.0000	78.204	6.89724	0.00000	603933.5	301761.5	0.0	S
17.493	2.0050	0.0000	78.202	6.76684	0.00000	604029.8	302089.1	0.0	S
17.507	2.0010	0.0000	78.200	6.66210	0.00000	604125.9	302411.1	0.0	S
17.520	1.9876	0.0000	78.198	6.57780	0.00000	604221.6	302728.7	0.0	S
17.533	1.9580	0.0000	78.196	6.50911	0.00000	604316.3	303042.6	0.0	S
17.547	1.9141	0.0000	78.194	6.45174	0.00000	604409.3	303353.6	0.0	S
17.560	1.8647	0.0000	78.192	6.40199	0.00000	604499.9	303662.0	0.0	S
17.573	1.8174	0.0000	78.189	6.35681	0.00000	604588.3	303968.2	0.0	S
17.587	1.7768	0.0000	78.187	6.31373	0.00000	604674.6	304272.2	0.0	S
17.600	1.7465	0.0000	78.185	6.27084	0.00000	604759.1	304574.3	0.0	S
17.613	1.7252	0.0000	78.183	6.22672	0.00000	604842.4	304874.2	0.0	S
17.627	1.7101	0.0000	78.181	6.18038	0.00000	604924.9	305172.0	0.0	S
17.640	1.6990	0.0000	78.179	6.13120	0.00000	605006.7	305467.5	0.0	S
17.653	1.6910	0.0000	78.177	6.07886	0.00000	605088.1	305760.6	0.0	S
17.667	1.6852	0.0000	78.175	6.02328	0.00000	605169.1	306051.1	0.0	S
17.680	1.6811	0.0000	78.173	5.96459	0.00000	605249.9	306338.9	0.0	S
17.693	1.6781	0.0000	78.171	5.90307	0.00000	605330.5	306623.7	0.0	S
17.707	1.6760	0.0000	78.169	5.83909	0.00000	605411.0	306905.6	0.0	S
17.720	1.6744	0.0000	78.167	5.77312	0.00000	605491.4	307184.3	0.0	S
17.733	1.6733	0.0000	78.165	5.70565	0.00000	605571.8	307459.8	0.0	S
17.747	1.6724	0.0000	78.163	5.63722	0.00000	605652.1	307732.0	0.0	S

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
17.760	1.6719	0.0000	78.161	5.56834	0.00000	605732.3	308000.9	0.0	S
17.773	1.6714	0.0000	78.160	5.49952	0.00000	605812.6	308266.6	0.0	S
17.787	1.6711	0.0000	78.158	5.43123	0.00000	605892.8	308528.9	0.0	S
17.800	1.6708	0.0000	78.156	5.36390	0.00000	605973.0	308788.0	0.0	S
17.813	1.6707	0.0000	78.154	5.29792	0.00000	606053.2	309043.8	0.0	S
17.827	1.6707	0.0000	78.153	5.23361	0.00000	606133.4	309296.6	0.0	S
17.840	1.6707	0.0000	78.151	5.17123	0.00000	606213.6	309546.3	0.0	S
17.853	1.6707	0.0000	78.149	5.11100	0.00000	606293.8	309793.0	0.0	S
17.867	1.6707	0.0000	78.148	5.05308	0.00000	606373.9	310036.9	0.0	S
17.880	1.6707	0.0000	78.146	4.99756	0.00000	606454.1	310278.1	0.0	S
17.893	1.6707	0.0000	78.145	4.94449	0.00000	606534.3	310516.7	0.0	S
17.907	1.6707	0.0000	78.143	4.89388	0.00000	606614.6	310752.8	0.0	S
17.920	1.6707	0.0000	78.142	4.84570	0.00000	606694.8	310986.5	0.0	S
17.933	1.6707	0.0000	78.140	4.79987	0.00000	606774.9	311218.0	0.0	S
17.947	1.6707	0.0000	78.139	4.75630	0.00000	606855.1	311447.3	0.0	S
17.960	1.6707	0.0000	78.137	4.71486	0.00000	606935.3	311674.6	0.0	S
17.973	1.6707	0.0000	78.136	4.67543	0.00000	607015.5	311899.9	0.0	S
17.987	1.6707	0.0000	78.135	4.63784	0.00000	607095.7	312123.4	0.0	S
18.000	1.6707	0.0000	78.133	4.60194	0.00000	607175.9	312345.2	0.0	S
18.013	1.6657	0.0000	78.132	4.56757	0.00000	607255.9	312565.2	0.0	S
18.027	1.6502	0.0000	78.130	4.53456	0.00000	607335.6	312783.6	0.0	S
18.040	1.6171	0.0000	78.129	4.50272	0.00000	607413.9	313000.5	0.0	S
18.053	1.5704	0.0000	78.128	4.47189	0.00000	607490.4	313215.9	0.0	S
18.067	1.5203	0.0000	78.126	4.44195	0.00000	607564.6	313429.8	0.0	S
18.080	1.4737	0.0000	78.125	4.41276	0.00000	607636.5	313642.3	0.0	S
18.093	1.4346	0.0000	78.124	4.38423	0.00000	607706.3	313853.4	0.0	S
18.107	1.4065	0.0000	78.122	4.35627	0.00000	607774.5	314063.2	0.0	S
18.120	1.3870	0.0000	78.121	4.32879	0.00000	607841.5	314271.6	0.0	S
18.133	1.3729	0.0000	78.120	4.30173	0.00000	607907.8	314478.8	0.0	S
18.147	1.3626	0.0000	78.118	4.27502	0.00000	607973.4	314684.6	0.0	S
18.160	1.3552	0.0000	78.117	4.24861	0.00000	608038.6	314889.2	0.0	S
18.173	1.3498	0.0000	78.115	4.22246	0.00000	608103.6	315092.5	0.0	S
18.187	1.3460	0.0000	78.114	4.19652	0.00000	608168.3	315294.5	0.0	S
18.200	1.3432	0.0000	78.113	4.17077	0.00000	608232.8	315495.3	0.0	S
18.213	1.3412	0.0000	78.111	4.14520	0.00000	608297.3	315694.9	0.0	S
18.227	1.3398	0.0000	78.110	4.11980	0.00000	608361.6	315893.3	0.0	S
18.240	1.3387	0.0000	78.109	4.09455	0.00000	608425.9	316090.4	0.0	S
18.253	1.3379	0.0000	78.108	4.06947	0.00000	608490.1	316286.3	0.0	S
18.267	1.3374	0.0000	78.106	4.04457	0.00000	608554.3	316481.1	0.0	S
18.280	1.3370	0.0000	78.105	4.01984	0.00000	608618.5	316674.6	0.0	S
18.293	1.3367	0.0000	78.104	3.99532	0.00000	608682.6	316867.0	0.0	S
18.307	1.3365	0.0000	78.103	3.97100	0.00000	608746.8	317058.2	0.0	S
18.320	1.3364	0.0000	78.101	3.94692	0.00000	608810.9	317248.2	0.0	S
18.333	1.3364	0.0000	78.100	3.92308	0.00000	608875.1	317437.1	0.0	S
18.347	1.3364	0.0000	78.099	3.89952	0.00000	608939.3	317624.8	0.0	S
18.360	1.3364	0.0000	78.098	3.87623	0.00000	609003.4	317811.4	0.0	S
18.373	1.3364	0.0000	78.097	3.85326	0.00000	609067.5	317996.9	0.0	S
18.387	1.3364	0.0000	78.095	3.83059	0.00000	609131.7	318181.3	0.0	S
18.400	1.3364	0.0000	78.094	3.80827	0.00000	609195.8	318364.7	0.0	S
18.413	1.3364	0.0000	78.093	3.78629	0.00000	609259.9	318546.9	0.0	S
18.427	1.3364	0.0000	78.092	3.76466	0.00000	609324.1	318728.2	0.0	S
18.440	1.3364	0.0000	78.091	3.74340	0.00000	609388.3	318908.3	0.0	S
18.453	1.3364	0.0000	78.090	3.72251	0.00000	609452.4	319087.5	0.0	S
18.467	1.3364	0.0000	78.089	3.70200	0.00000	609516.6	319265.7	0.0	S
18.480	1.3364	0.0000	78.087	3.68186	0.00000	609580.7	319442.9	0.0	S
18.493	1.3364	0.0000	78.086	3.66210	0.00000	609644.8	319619.2	0.0	S
18.507	1.3374	0.0000	78.085	3.64272	0.00000	609709.0	319794.5	0.0	S
18.520	1.3445	0.0000	78.084	3.62373	0.00000	609773.4	319968.9	0.0	S
18.533	1.3635	0.0000	78.083	3.60512	0.00000	609838.4	320142.4	0.0	S
18.547	1.3993	0.0000	78.082	3.58693	0.00000	609904.7	320315.0	0.0	S
18.560	1.4466	0.0000	78.081	3.56914	0.00000	609972.9	320486.7	0.0	S
18.573	1.4961	0.0000	78.080	3.55175	0.00000	610043.6	320657.6	0.0	S
18.587	1.5412	0.0000	78.079	3.53474	0.00000	610116.5	320827.7	0.0	S
18.600	1.5781	0.0000	78.078	3.51807	0.00000	610191.4	320996.9	0.0	S
18.613	1.6044	0.0000	78.077	3.50172	0.00000	610267.8	321165.4	0.0	S
18.627	1.6229	0.0000	78.076	3.48568	0.00000	610345.2	321333.1	0.0	S
18.640	1.6362	0.0000	78.076	3.46990	0.00000	610423.4	321500.0	0.0	S
18.653	1.6460	0.0000	78.075	3.45439	0.00000	610502.2	321666.2	0.0	S
18.667	1.6529	0.0000	78.074	3.43912	0.00000	610581.4	321831.7	0.0	S
18.680	1.6580	0.0000	78.073	3.42409	0.00000	610660.8	321996.4	0.0	S
18.693	1.6616	0.0000	78.072	3.40927	0.00000	610740.5	322160.4	0.0	S
18.707	1.6643	0.0000	78.071	3.39466	0.00000	610820.3	322323.7	0.0	S
18.720	1.6661	0.0000	78.071	3.38025	0.00000	610900.3	322486.3	0.0	S
18.733	1.6675	0.0000	78.070	3.36602	0.00000	610980.3	322648.2	0.0	S

Detailed Results (cont,d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
18.747	1.6685	0.0000	78.069	3.35197	0.00000	611060.3	322809.4	0.0	S
18.760	1.6692	0.0000	78.068	3.33809	0.00000	611140.4	322970.0	0.0	S
18.773	1.6698	0.0000	78.067	3.32437	0.00000	611220.6	323129.8	0.0	S
18.787	1.6702	0.0000	78.067	3.31080	0.00000	611300.7	323289.1	0.0	S
18.800	1.6705	0.0000	78.066	3.29738	0.00000	611380.9	323447.7	0.0	S
18.813	1.6706	0.0000	78.065	3.28410	0.00000	611461.1	323605.7	0.0	S
18.827	1.6707	0.0000	78.064	3.27095	0.00000	611541.3	323763.0	0.0	S
18.840	1.6707	0.0000	78.064	3.25793	0.00000	611621.4	323919.7	0.0	S
18.853	1.6707	0.0000	78.063	3.24503	0.00000	611701.6	324075.7	0.0	S
18.867	1.6707	0.0000	78.062	3.23226	0.00000	611781.8	324231.2	0.0	S
18.880	1.6707	0.0000	78.061	3.21960	0.00000	611862.1	324386.0	0.0	S
18.893	1.6707	0.0000	78.061	3.20706	0.00000	611942.3	324540.3	0.0	S
18.907	1.6707	0.0000	78.060	3.19463	0.00000	612022.4	324693.9	0.0	S
18.920	1.6707	0.0000	78.059	3.18231	0.00000	612102.6	324846.9	0.0	S
18.933	1.6707	0.0000	78.059	3.17010	0.00000	612182.8	324999.4	0.0	S
18.947	1.6707	0.0000	78.058	3.15800	0.00000	612263.0	325151.3	0.0	S
18.960	1.6707	0.0000	78.057	3.14601	0.00000	612343.2	325302.6	0.0	S
18.973	1.6707	0.0000	78.057	3.13412	0.00000	612423.4	325453.3	0.0	S
18.987	1.6707	0.0000	78.056	3.12235	0.00000	612503.6	325603.4	0.0	S
19.000	1.6707	0.0000	78.055	3.11067	0.00000	612583.8	325753.0	0.0	S
19.013	1.6667	0.0000	78.055	3.09910	0.00000	612663.9	325902.1	0.0	S
19.027	1.6483	0.0000	78.054	3.08760	0.00000	612743.4	326050.6	0.0	S
19.040	1.6032	0.0000	78.053	3.07614	0.00000	612821.5	326198.5	0.0	S
19.053	1.5262	0.0000	78.052	3.06469	0.00000	612896.6	326345.8	0.0	S
19.067	1.4302	0.0000	78.052	3.05323	0.00000	612967.6	326492.7	0.0	S
19.080	1.3328	0.0000	78.051	3.04176	0.00000	613033.9	326639.0	0.0	S
19.093	1.2456	0.0000	78.050	3.03033	0.00000	613095.8	326784.7	0.0	S
19.107	1.1763	0.0000	78.049	3.01894	0.00000	613153.9	326929.9	0.0	S
19.120	1.1270	0.0000	78.048	3.00765	0.00000	613209.1	327074.5	0.0	S
19.133	1.0923	0.0000	78.047	2.99646	0.00000	613262.4	327218.6	0.0	S
19.147	1.0672	0.0000	78.047	2.98540	0.00000	613314.3	327362.2	0.0	S
19.160	1.0489	0.0000	78.046	2.97446	0.00000	613365.0	327505.2	0.0	S
19.173	1.0357	0.0000	78.045	2.96366	0.00000	613415.1	327647.7	0.0	S
19.187	1.0262	0.0000	78.044	2.95299	0.00000	613464.6	327789.7	0.0	S
19.200	1.0194	0.0000	78.043	2.94245	0.00000	613513.6	327931.2	0.0	S
19.213	1.0145	0.0000	78.042	2.93204	0.00000	613562.4	328072.2	0.0	S
19.227	1.0109	0.0000	78.041	2.92176	0.00000	613611.1	328212.7	0.0	S
19.240	1.0083	0.0000	78.040	2.91161	0.00000	613659.5	328352.7	0.0	S
19.253	1.0064	0.0000	78.039	2.90158	0.00000	613707.9	328492.2	0.0	S
19.267	1.0051	0.0000	78.039	2.89167	0.00000	613756.1	328631.3	0.0	S
19.280	1.0041	0.0000	78.038	2.88187	0.00000	613804.4	328769.8	0.0	S
19.293	1.0033	0.0000	78.037	2.87219	0.00000	613852.6	328907.9	0.0	S
19.307	1.0028	0.0000	78.036	2.86263	0.00000	613900.7	329045.5	0.0	S
19.320	1.0025	0.0000	78.035	2.85317	0.00000	613948.8	329182.7	0.0	S
19.333	1.0024	0.0000	78.034	2.84381	0.00000	613996.9	329319.4	0.0	S
19.347	1.0024	0.0000	78.033	2.83456	0.00000	614045.1	329455.7	0.0	S
19.360	1.0024	0.0000	78.032	2.82541	0.00000	614093.1	329591.6	0.0	S
19.373	1.0024	0.0000	78.032	2.81636	0.00000	614141.3	329727.0	0.0	S
19.387	1.0024	0.0000	78.031	2.80740	0.00000	614189.4	329861.9	0.0	S
19.400	1.0024	0.0000	78.030	2.79854	0.00000	614237.5	329996.5	0.0	S
19.413	1.0024	0.0000	78.029	2.78977	0.00000	614285.6	330130.6	0.0	S
19.427	1.0024	0.0000	78.028	2.78108	0.00000	614333.8	330264.3	0.0	S
19.440	1.0024	0.0000	78.027	2.77248	0.00000	614381.8	330397.6	0.0	S
19.453	1.0024	0.0000	78.027	2.76396	0.00000	614429.9	330530.4	0.0	S
19.467	1.0024	0.0000	78.026	2.75553	0.00000	614478.1	330662.9	0.0	S
19.480	1.0024	0.0000	78.025	2.74717	0.00000	614526.2	330795.0	0.0	S
19.493	1.0024	0.0000	78.024	2.73889	0.00000	614574.3	330926.6	0.0	S
19.507	1.0024	0.0000	78.023	2.73069	0.00000	614622.4	331057.9	0.0	S
19.520	1.0060	0.0000	78.022	2.72257	0.00000	614670.6	331188.8	0.0	S
19.533	1.0196	0.0000	78.022	2.71454	0.00000	614719.2	331319.3	0.0	S
19.547	1.0508	0.0000	78.021	2.70663	0.00000	614768.9	331449.4	0.0	S
19.560	1.1003	0.0000	78.020	2.69885	0.00000	614820.5	331579.1	0.0	S
19.573	1.1588	0.0000	78.019	2.69121	0.00000	614874.8	331708.5	0.0	S
19.587	1.2164	0.0000	78.019	2.68370	0.00000	614931.8	331837.5	0.0	S
19.600	1.2669	0.0000	78.018	2.67630	0.00000	614991.4	331966.1	0.0	S
19.613	1.3059	0.0000	78.017	2.66899	0.00000	615053.1	332094.4	0.0	S
19.627	1.3334	0.0000	78.017	2.66175	0.00000	615116.4	332222.3	0.0	S
19.640	1.3529	0.0000	78.016	2.65457	0.00000	615180.9	332349.9	0.0	S
19.653	1.3671	0.0000	78.015	2.64744	0.00000	615246.2	332477.2	0.0	S
19.667	1.3774	0.0000	78.015	2.64035	0.00000	615312.1	332604.1	0.0	S
19.680	1.3848	0.0000	78.014	2.63331	0.00000	615378.4	332730.6	0.0	S
19.693	1.3902	0.0000	78.014	2.62631	0.00000	615444.9	332856.9	0.0	S
19.707	1.3940	0.0000	78.013	2.61934	0.00000	615511.8	332982.8	0.0	S
19.720	1.3968	0.0000	78.013	2.61242	0.00000	615578.8	333108.3	0.0	S

Detailed Results (cont,d.) *:: Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
19.733	1.3988	0.0000	78.012	2.60554	0.00000	615645.9	333233.6	0.0	S
19.747	1.4002	0.0000	78.011	2.59870	0.00000	615713.0	333358.5	0.0	S
19.760	1.4013	0.0000	78.011	2.59190	0.00000	615780.3	333483.0	0.0	S
19.773	1.4020	0.0000	78.010	2.58515	0.00000	615847.6	333607.3	0.0	S
19.787	1.4026	0.0000	78.010	2.57843	0.00000	615914.9	333731.2	0.0	S
19.800	1.4030	0.0000	78.009	2.57176	0.00000	615982.2	333854.8	0.0	S
19.813	1.4033	0.0000	78.009	2.56513	0.00000	616049.6	333978.1	0.0	S
19.827	1.4035	0.0000	78.008	2.55855	0.00000	616116.9	334101.1	0.0	S
19.840	1.4036	0.0000	78.008	2.55200	0.00000	616184.3	334223.7	0.0	S
19.853	1.4036	0.0000	78.007	2.54550	0.00000	616251.6	334346.1	0.0	S
19.867	1.4036	0.0000	78.006	2.53905	0.00000	616319.0	334468.1	0.0	S
19.880	1.4036	0.0000	78.006	2.53263	0.00000	616386.4	334589.8	0.0	S
19.893	1.4036	0.0000	78.005	2.52627	0.00000	616453.8	334711.2	0.0	S
19.907	1.4036	0.0000	78.005	2.51994	0.00000	616521.1	334832.3	0.0	S
19.920	1.4036	0.0000	78.004	2.51366	0.00000	616588.5	334953.1	0.0	S
19.933	1.4036	0.0000	78.004	2.50742	0.00000	616655.9	335073.6	0.0	S
19.947	1.4036	0.0000	78.003	2.50122	0.00000	616723.3	335193.8	0.0	S
19.960	1.4036	0.0000	78.003	2.49507	0.00000	616790.6	335313.8	0.0	S
19.973	1.4036	0.0000	78.002	2.48896	0.00000	616858.0	335433.4	0.0	S
19.987	1.4036	0.0000	78.002	2.48290	0.00000	616925.4	335552.7	0.0	S
20.000	1.3969	0.0000	78.001	2.47686	0.00000	616992.6	335671.7	0.0	S
20.013	1.3720	0.0000	78.001	2.47082	0.00000	617059.0	335790.5	0.0	S
20.027	1.3147	0.0000	78.000	2.46474	0.00000	617123.5	335908.9	0.0	S
20.040	1.2241	0.0000	78.000	2.45858	0.00000	617184.4	336027.1	0.0	S
20.053	1.1170	0.0000	77.999	2.45234	0.00000	617240.6	336144.9	0.0	S
20.067	1.0114	0.0000	77.998	2.44602	0.00000	617291.7	336262.5	0.0	S
20.080	0.9188	0.0000	77.998	2.43965	0.00000	617338.0	336379.8	0.0	S
20.093	0.8473	0.0000	77.997	2.43328	0.00000	617380.4	336496.7	0.0	S
20.107	0.7969	0.0000	77.996	2.42693	0.00000	617419.9	336613.4	0.0	S
20.120	0.7611	0.0000	77.995	2.42062	0.00000	617457.3	336729.7	0.0	S
20.133	0.7351	0.0000	77.995	2.41437	0.00000	617493.2	336845.8	0.0	S
20.147	0.7163	0.0000	77.994	2.40818	0.00000	617528.0	336961.5	0.0	S
20.160	0.7027	0.0000	77.993	2.40206	0.00000	617562.1	337076.9	0.0	S
20.173	0.6929	0.0000	77.992	2.39600	0.00000	617595.6	337192.1	0.0	S
20.187	0.6859	0.0000	77.991	2.39001	0.00000	617628.6	337306.9	0.0	S
20.200	0.6808	0.0000	77.991	2.38409	0.00000	617661.4	337421.5	0.0	S
20.213	0.6771	0.0000	77.990	2.37823	0.00000	617694.0	337535.8	0.0	S
20.227	0.6744	0.0000	77.989	2.37242	0.00000	617726.4	337649.8	0.0	S
20.240	0.6725	0.0000	77.988	2.36668	0.00000	617758.8	337763.6	0.0	S
20.253	0.6711	0.0000	77.987	2.36098	0.00000	617791.1	337877.0	0.0	S
20.267	0.6701	0.0000	77.987	2.35535	0.00000	617823.3	337990.2	0.0	S
20.280	0.6693	0.0000	77.986	2.34976	0.00000	617855.4	338103.2	0.0	S
20.293	0.6688	0.0000	77.985	2.34422	0.00000	617887.5	338215.8	0.0	S
20.307	0.6684	0.0000	77.984	2.33873	0.00000	617919.6	338328.2	0.0	S
20.320	0.6684	0.0000	77.984	2.33328	0.00000	617951.7	338440.3	0.0	S
20.333	0.6684	0.0000	77.983	2.32788	0.00000	617983.8	338552.2	0.0	S
20.347	0.6684	0.0000	77.982	2.32252	0.00000	618015.8	338663.8	0.0	S
20.360	0.6684	0.0000	77.981	2.31721	0.00000	618047.9	338775.2	0.0	S
20.373	0.6684	0.0000	77.980	2.31193	0.00000	618080.0	338886.3	0.0	S
20.387	0.6684	0.0000	77.980	2.30669	0.00000	618112.1	338997.1	0.0	S
20.400	0.6684	0.0000	77.979	2.30150	0.00000	618144.1	339107.7	0.0	S
20.413	0.6684	0.0000	77.978	2.29634	0.00000	618176.3	339218.0	0.0	S
20.427	0.6684	0.0000	77.977	2.29121	0.00000	618208.3	339328.1	0.0	S
20.440	0.6684	0.0000	77.977	2.28612	0.00000	618240.4	339438.0	0.0	S
20.453	0.6684	0.0000	77.976	2.28107	0.00000	618272.5	339547.6	0.0	S
20.467	0.6684	0.0000	77.975	2.27605	0.00000	618304.6	339657.0	0.0	S
20.480	0.6684	0.0000	77.974	2.27107	0.00000	618336.6	339766.1	0.0	S
20.493	0.6684	0.0000	77.974	2.26612	0.00000	618368.8	339875.0	0.0	S
20.507	0.6724	0.0000	77.973	2.26121	0.00000	618400.9	339983.7	0.0	S
20.520	0.6858	0.0000	77.972	2.25636	0.00000	618433.5	340092.1	0.0	S
20.533	0.7153	0.0000	77.971	2.25158	0.00000	618467.1	340200.3	0.0	S
20.547	0.7592	0.0000	77.971	2.24688	0.00000	618502.5	340308.2	0.0	S
20.560	0.8086	0.0000	77.970	2.24228	0.00000	618540.1	340416.0	0.0	S
20.573	0.8558	0.0000	77.969	2.23776	0.00000	618580.1	340523.5	0.0	S
20.587	0.8964	0.0000	77.969	2.23330	0.00000	618622.1	340630.8	0.0	S
20.600	0.9267	0.0000	77.968	2.22889	0.00000	618665.9	340737.9	0.0	S
20.613	0.9479	0.0000	77.967	2.22452	0.00000	618710.9	340844.8	0.0	S
20.627	0.9630	0.0000	77.967	2.22017	0.00000	618756.8	340951.4	0.0	S
20.640	0.9741	0.0000	77.966	2.21584	0.00000	618803.3	341057.9	0.0	S
20.653	0.9821	0.0000	77.966	2.21153	0.00000	618850.2	341164.2	0.0	S
20.667	0.9878	0.0000	77.965	2.20723	0.00000	618897.4	341270.2	0.0	S
20.680	0.9920	0.0000	77.964	2.20295	0.00000	618945.0	341376.1	0.0	S
20.693	0.9950	0.0000	77.964	2.19868	0.00000	618992.7	341481.7	0.0	S
20.707	0.9971	0.0000	77.963	2.19443	0.00000	619040.5	341587.1	0.0	S

Detailed Results (cont.d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
20.720	0.9987	0.0000	77.963	2.19019	0.00000	619088.4	341692.3	0.0	S
20.733	0.9998	0.0000	77.962	2.18597	0.00000	619136.3	341797.4	0.0	S
20.747	1.0006	0.0000	77.962	2.18177	0.00000	619184.4	341902.2	0.0	S
20.760	1.0012	0.0000	77.961	2.17758	0.00000	619232.4	342006.8	0.0	S
20.773	1.0017	0.0000	77.961	2.17341	0.00000	619280.4	342111.3	0.0	S
20.787	1.0020	0.0000	77.960	2.16926	0.00000	619328.6	342215.5	0.0	S
20.800	1.0022	0.0000	77.959	2.16512	0.00000	619376.6	342319.5	0.0	S
20.813	1.0023	0.0000	77.959	2.16101	0.00000	619424.8	342423.3	0.0	S
20.827	1.0024	0.0000	77.958	2.15691	0.00000	619472.9	342527.0	0.0	S
20.840	1.0024	0.0000	77.958	2.15283	0.00000	619521.0	342630.4	0.0	S
20.853	1.0024	0.0000	77.957	2.14878	0.00000	619569.1	342733.6	0.0	S
20.867	1.0024	0.0000	77.957	2.14474	0.00000	619617.2	342836.7	0.0	S
20.880	1.0024	0.0000	77.956	2.14072	0.00000	619665.3	342939.5	0.0	S
20.893	1.0024	0.0000	77.956	2.13672	0.00000	619713.4	343042.2	0.0	S
20.907	1.0024	0.0000	77.955	2.13275	0.00000	619761.6	343144.7	0.0	S
20.920	1.0024	0.0000	77.955	2.12879	0.00000	619809.7	343246.9	0.0	S
20.933	1.0024	0.0000	77.954	2.12485	0.00000	619857.8	343349.0	0.0	S
20.947	1.0024	0.0000	77.954	2.12093	0.00000	619905.9	343450.9	0.0	S
20.960	1.0024	0.0000	77.953	2.11704	0.00000	619954.0	343552.6	0.0	S
20.973	1.0024	0.0000	77.952	2.11316	0.00000	620002.1	343654.2	0.0	S
20.987	1.0024	0.0000	77.952	2.10930	0.00000	620050.3	343755.5	0.0	S
21.000	1.0024	0.0000	77.951	2.10546	0.00000	620098.4	343856.7	0.0	S
21.013	0.9974	0.0000	77.951	2.10163	0.00000	620146.3	343957.6	0.0	S
21.027	0.9818	0.0000	77.950	2.09780	0.00000	620193.8	344058.4	0.0	S
21.040	0.9488	0.0000	77.950	2.09393	0.00000	620240.2	344159.0	0.0	S
21.053	0.9022	0.0000	77.949	2.09003	0.00000	620284.6	344259.4	0.0	S
21.067	0.8521	0.0000	77.949	2.08609	0.00000	620326.7	344359.7	0.0	S
21.080	0.8056	0.0000	77.948	2.08212	0.00000	620366.5	344459.7	0.0	S
21.093	0.7665	0.0000	77.948	2.07814	0.00000	620404.3	344559.5	0.0	S
21.107	0.7385	0.0000	77.947	2.07415	0.00000	620440.3	344659.2	0.0	S
21.120	0.7189	0.0000	77.946	2.07019	0.00000	620475.3	344758.7	0.0	S
21.133	0.7049	0.0000	77.946	2.06625	0.00000	620509.5	344857.9	0.0	S
21.147	0.6945	0.0000	77.945	2.06233	0.00000	620543.1	344957.0	0.0	S
21.160	0.6872	0.0000	77.944	2.05845	0.00000	620576.3	345055.9	0.0	S
21.173	0.6818	0.0000	77.944	2.05460	0.00000	620609.1	345154.6	0.0	S
21.187	0.6780	0.0000	77.943	2.05078	0.00000	620641.8	345253.2	0.0	S
21.200	0.6752	0.0000	77.942	2.04699	0.00000	620674.2	345351.5	0.0	S
21.213	0.6732	0.0000	77.942	2.04323	0.00000	620706.6	345449.7	0.0	S
21.227	0.6718	0.0000	77.941	2.03950	0.00000	620738.9	345547.7	0.0	S
21.240	0.6707	0.0000	77.940	2.03579	0.00000	620771.1	345645.4	0.0	S
21.253	0.6700	0.0000	77.940	2.03212	0.00000	620803.3	345743.1	0.0	S
21.267	0.6694	0.0000	77.939	2.02847	0.00000	620835.4	345840.5	0.0	S
21.280	0.6690	0.0000	77.939	2.02484	0.00000	620867.5	345937.8	0.0	S
21.293	0.6687	0.0000	77.938	2.02124	0.00000	620899.6	346034.9	0.0	S
21.307	0.6685	0.0000	77.937	2.01766	0.00000	620931.7	346131.8	0.0	S
21.320	0.6684	0.0000	77.937	2.01410	0.00000	620963.8	346228.6	0.0	S
21.333	0.6684	0.0000	77.936	2.01057	0.00000	620995.9	346325.2	0.0	S
21.347	0.6684	0.0000	77.935	2.00705	0.00000	621027.9	346421.6	0.0	S
21.360	0.6684	0.0000	77.935	2.00356	0.00000	621060.0	346517.9	0.0	S
21.373	0.6684	0.0000	77.934	2.00009	0.00000	621092.1	346614.0	0.0	S
21.387	0.6684	0.0000	77.933	1.99664	0.00000	621124.2	346709.9	0.0	S
21.400	0.6684	0.0000	77.933	1.99321	0.00000	621156.3	346805.7	0.0	S
21.413	0.6684	0.0000	77.932	1.98979	0.00000	621188.4	346901.3	0.0	S
21.427	0.6684	0.0000	77.932	1.98640	0.00000	621220.4	346996.7	0.0	S
21.440	0.6684	0.0000	77.931	1.98302	0.00000	621252.5	347091.9	0.0	S
21.453	0.6684	0.0000	77.930	1.97966	0.00000	621284.6	347187.0	0.0	S
21.467	0.6684	0.0000	77.930	1.97632	0.00000	621316.7	347282.0	0.0	S
21.480	0.6684	0.0000	77.929	1.97300	0.00000	621348.8	347376.8	0.0	S
21.493	0.6684	0.0000	77.928	1.96970	0.00000	621380.8	347471.4	0.0	S
21.507	0.6704	0.0000	77.928	1.96641	0.00000	621413.0	347565.8	0.0	S
21.520	0.6846	0.0000	77.927	1.96318	0.00000	621445.5	347660.2	0.0	S
21.533	0.7226	0.0000	77.927	1.96001	0.00000	621479.3	347754.3	0.0	S
21.547	0.7942	0.0000	77.926	1.95696	0.00000	621515.7	347848.3	0.0	S
21.560	0.8887	0.0000	77.926	1.95405	0.00000	621556.1	347942.2	0.0	S
21.573	0.9875	0.0000	77.925	1.95126	0.00000	621601.1	348035.9	0.0	S
21.587	1.0776	0.0000	77.925	1.94859	0.00000	621650.6	348129.5	0.0	S
21.600	1.1513	0.0000	77.924	1.94599	0.00000	621704.1	348223.0	0.0	S
21.613	1.2040	0.0000	77.924	1.94343	0.00000	621760.7	348316.3	0.0	S
21.627	1.2408	0.0000	77.924	1.94089	0.00000	621819.3	348409.5	0.0	S
21.640	1.2674	0.0000	77.923	1.93835	0.00000	621879.6	348502.7	0.0	S
21.653	1.2870	0.0000	77.923	1.93580	0.00000	621940.9	348595.6	0.0	S
21.667	1.3009	0.0000	77.923	1.93325	0.00000	622002.9	348688.5	0.0	S
21.680	1.3110	0.0000	77.922	1.93068	0.00000	622065.6	348781.2	0.0	S
21.693	1.3183	0.0000	77.922	1.92811	0.00000	622128.8	348873.8	0.0	S

Detailed Results (cont.d.) :: *Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
21.707	1.3235	0.0000	77.922	1.92552	0.00000	622192.1	348966.3	0.0	S
21.720	1.3273	0.0000	77.921	1.92292	0.00000	622255.8	349058.7	0.0	S
21.733	1.3300	0.0000	77.921	1.92032	0.00000	622319.6	349150.9	0.0	S
21.747	1.3320	0.0000	77.921	1.91771	0.00000	622383.4	349243.0	0.0	S
21.760	1.3334	0.0000	77.921	1.91510	0.00000	622447.4	349335.0	0.0	S
21.773	1.3345	0.0000	77.920	1.91248	0.00000	622511.4	349426.9	0.0	S
21.787	1.3353	0.0000	77.920	1.90987	0.00000	622575.5	349518.6	0.0	S
21.800	1.3359	0.0000	77.920	1.90725	0.00000	622639.6	349610.2	0.0	S
21.813	1.3362	0.0000	77.920	1.90464	0.00000	622703.8	349701.7	0.0	S
21.827	1.3364	0.0000	77.919	1.90203	0.00000	622767.9	349793.1	0.0	S
21.840	1.3364	0.0000	77.919	1.89942	0.00000	622832.0	349884.3	0.0	S
21.853	1.3364	0.0000	77.919	1.89681	0.00000	622896.2	349975.4	0.0	S
21.867	1.3364	0.0000	77.918	1.89421	0.00000	622960.3	350066.4	0.0	S
21.880	1.3364	0.0000	77.918	1.89161	0.00000	623024.4	350157.3	0.0	S
21.893	1.3364	0.0000	77.918	1.88902	0.00000	623088.6	350248.0	0.0	S
21.907	1.3364	0.0000	77.918	1.88644	0.00000	623152.8	350338.6	0.0	S
21.920	1.3364	0.0000	77.917	1.88386	0.00000	623216.9	350429.1	0.0	S
21.933	1.3364	0.0000	77.917	1.88129	0.00000	623281.1	350519.5	0.0	S
21.947	1.3364	0.0000	77.917	1.87872	0.00000	623345.2	350609.7	0.0	S
21.960	1.3364	0.0000	77.917	1.87617	0.00000	623409.3	350699.8	0.0	S
21.973	1.3364	0.0000	77.916	1.87362	0.00000	623473.5	350789.8	0.0	S
21.987	1.3364	0.0000	77.916	1.87108	0.00000	623537.6	350879.7	0.0	S
22.000	1.3364	0.0000	77.916	1.86854	0.00000	623601.8	350969.4	0.0	S
22.013	1.3324	0.0000	77.916	1.86600	0.00000	623665.8	351059.1	0.0	S
22.027	1.3139	0.0000	77.915	1.86344	0.00000	623729.3	351148.6	0.0	S
22.040	1.2689	0.0000	77.915	1.86082	0.00000	623791.3	351237.9	0.0	S
22.053	1.1920	0.0000	77.915	1.85811	0.00000	623850.4	351327.2	0.0	S
22.067	1.0960	0.0000	77.915	1.85529	0.00000	623905.3	351416.3	0.0	S
22.080	0.9987	0.0000	77.914	1.85236	0.00000	623955.6	351505.3	0.0	S
22.093	0.9115	0.0000	77.914	1.84936	0.00000	624001.4	351594.2	0.0	S
22.107	0.8422	0.0000	77.913	1.84631	0.00000	624043.5	351682.8	0.0	S
22.120	0.7929	0.0000	77.913	1.84325	0.00000	624082.8	351771.4	0.0	S
22.133	0.7583	0.0000	77.912	1.84020	0.00000	624120.0	351859.8	0.0	S
22.147	0.7332	0.0000	77.912	1.83718	0.00000	624155.8	351948.1	0.0	S
22.160	0.7148	0.0000	77.911	1.83418	0.00000	624190.5	352036.2	0.0	S
22.173	0.7017	0.0000	77.911	1.83122	0.00000	624224.5	352124.2	0.0	S
22.187	0.6922	0.0000	77.910	1.82829	0.00000	624257.9	352212.0	0.0	S
22.200	0.6854	0.0000	77.910	1.82539	0.00000	624291.0	352299.7	0.0	S
22.213	0.6805	0.0000	77.909	1.82253	0.00000	624323.8	352387.2	0.0	S
22.227	0.6769	0.0000	77.909	1.81970	0.00000	624356.4	352474.6	0.0	S
22.240	0.6743	0.0000	77.908	1.81691	0.00000	624388.8	352561.9	0.0	S
22.253	0.6725	0.0000	77.907	1.81414	0.00000	624421.1	352649.0	0.0	S
22.267	0.6711	0.0000	77.907	1.81139	0.00000	624453.4	352736.1	0.0	S
22.280	0.6701	0.0000	77.906	1.80867	0.00000	624485.6	352822.9	0.0	S
22.293	0.6693	0.0000	77.906	1.80597	0.00000	624517.8	352909.7	0.0	S
22.307	0.6688	0.0000	77.905	1.80330	0.00000	624549.8	352996.3	0.0	S
22.320	0.6685	0.0000	77.905	1.80065	0.00000	624581.9	353082.8	0.0	S
22.333	0.6684	0.0000	77.904	1.79801	0.00000	624614.0	353169.2	0.0	S
22.347	0.6684	0.0000	77.904	1.79540	0.00000	624646.1	353255.4	0.0	S
22.360	0.6684	0.0000	77.903	1.79280	0.00000	624678.2	353341.5	0.0	S
22.373	0.6684	0.0000	77.903	1.79022	0.00000	624710.3	353427.5	0.0	S
22.387	0.6684	0.0000	77.902	1.78765	0.00000	624742.3	353513.4	0.0	S
22.400	0.6684	0.0000	77.902	1.78510	0.00000	624774.4	353599.1	0.0	S
22.413	0.6684	0.0000	77.901	1.78257	0.00000	624806.5	353684.8	0.0	S
22.427	0.6684	0.0000	77.901	1.78005	0.00000	624838.6	353770.3	0.0	S
22.440	0.6684	0.0000	77.900	1.77754	0.00000	624870.7	353855.7	0.0	S
22.453	0.6684	0.0000	77.899	1.77505	0.00000	624902.8	353940.9	0.0	S
22.467	0.6684	0.0000	77.899	1.77257	0.00000	624934.8	354026.1	0.0	S
22.480	0.6684	0.0000	77.898	1.77011	0.00000	624966.9	354111.1	0.0	S
22.493	0.6684	0.0000	77.898	1.76765	0.00000	624999.0	354196.0	0.0	S
22.507	0.6684	0.0000	77.897	1.76521	0.00000	625031.1	354280.8	0.0	S
22.520	0.6718	0.0000	77.897	1.76279	0.00000	625063.3	354365.4	0.0	S
22.533	0.6848	0.0000	77.896	1.76041	0.00000	625095.8	354450.0	0.0	S
22.547	0.7148	0.0000	77.896	1.75807	0.00000	625129.4	354534.4	0.0	S
22.560	0.7621	0.0000	77.895	1.75582	0.00000	625164.8	354618.8	0.0	S
22.573	0.8181	0.0000	77.895	1.75364	0.00000	625202.8	354703.0	0.0	S
22.587	0.8733	0.0000	77.894	1.75153	0.00000	625243.4	354787.1	0.0	S
22.600	0.9217	0.0000	77.894	1.74948	0.00000	625286.4	354871.2	0.0	S
22.613	0.9590	0.0000	77.894	1.74747	0.00000	625331.6	354955.1	0.0	S
22.627	0.9854	0.0000	77.893	1.74547	0.00000	625378.3	355038.9	0.0	S
22.640	1.0040	0.0000	77.893	1.74349	0.00000	625426.0	355122.6	0.0	S
22.653	1.0176	0.0000	77.893	1.74150	0.00000	625474.5	355206.3	0.0	S
22.667	1.0275	0.0000	77.892	1.73951	0.00000	625523.6	355289.8	0.0	S
22.680	1.0345	0.0000	77.892	1.73752	0.00000	625573.1	355373.3	0.0	S

Detailed Results (cont.d.) :: *Scenario 1* :: *Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
22.693	1.0397	0.0000	77.892	1.73552	0.00000	625622.9	355456.6	0.0	S
22.707	1.0433	0.0000	77.891	1.73352	0.00000	625672.8	355539.9	0.0	S
22.720	1.0460	0.0000	77.891	1.73151	0.00000	625723.0	355623.0	0.0	S
22.733	1.0479	0.0000	77.891	1.72950	0.00000	625773.3	355706.1	0.0	S
22.747	1.0493	0.0000	77.890	1.72749	0.00000	625823.6	355789.1	0.0	S
22.760	1.0503	0.0000	77.890	1.72547	0.00000	625873.9	355871.9	0.0	S
22.773	1.0510	0.0000	77.890	1.72346	0.00000	625924.4	355954.7	0.0	S
22.787	1.0516	0.0000	77.889	1.72144	0.00000	625974.9	356037.4	0.0	S
22.800	1.0520	0.0000	77.889	1.71943	0.00000	626025.3	356120.0	0.0	S
22.813	1.0523	0.0000	77.889	1.71742	0.00000	626075.9	356202.5	0.0	S
22.827	1.0524	0.0000	77.888	1.71540	0.00000	626126.4	356284.8	0.0	S
22.840	1.0525	0.0000	77.888	1.71340	0.00000	626176.9	356367.1	0.0	S
22.853	1.0525	0.0000	77.888	1.71139	0.00000	626227.4	356449.3	0.0	S
22.867	1.0525	0.0000	77.887	1.70939	0.00000	626277.9	356531.4	0.0	S
22.880	1.0525	0.0000	77.887	1.70739	0.00000	626328.4	356613.4	0.0	S
22.893	1.0525	0.0000	77.887	1.70539	0.00000	626378.9	356695.3	0.0	S
22.907	1.0525	0.0000	77.887	1.70340	0.00000	626429.5	356777.2	0.0	S
22.920	1.0525	0.0000	77.886	1.70142	0.00000	626480.0	356858.9	0.0	S
22.933	1.0525	0.0000	77.886	1.69944	0.00000	626530.5	356940.5	0.0	S
22.947	1.0525	0.0000	77.886	1.69746	0.00000	626581.1	357022.0	0.0	S
22.960	1.0525	0.0000	77.885	1.69549	0.00000	626631.6	357103.4	0.0	S
22.973	1.0525	0.0000	77.885	1.69353	0.00000	626682.1	357184.8	0.0	S
22.987	1.0525	0.0000	77.885	1.69157	0.00000	626732.6	357266.0	0.0	S
23.000	1.0460	0.0000	77.884	1.68959	0.00000	626782.9	357347.2	0.0	S
23.013	1.0217	0.0000	77.884	1.68759	0.00000	626832.6	357428.2	0.0	S
23.027	0.9657	0.0000	77.884	1.68550	0.00000	626880.3	357509.2	0.0	S
23.040	0.8772	0.0000	77.883	1.68331	0.00000	626924.5	357590.0	0.0	S
23.053	0.7726	0.0000	77.883	1.68100	0.00000	626964.1	357670.8	0.0	S
23.067	0.6694	0.0000	77.883	1.67857	0.00000	626998.7	357751.4	0.0	S
23.080	0.5790	0.0000	77.882	1.67607	0.00000	627028.7	357831.9	0.0	S
23.093	0.5092	0.0000	77.882	1.67352	0.00000	627054.8	357912.3	0.0	S
23.107	0.4599	0.0000	77.881	1.67097	0.00000	627078.1	357992.6	0.0	S
23.120	0.4250	0.0000	77.880	1.66842	0.00000	627099.3	358072.7	0.0	S
23.133	0.3996	0.0000	77.880	1.66590	0.00000	627119.1	358152.8	0.0	S
23.147	0.3812	0.0000	77.879	1.66340	0.00000	627137.8	358232.7	0.0	S
23.160	0.3679	0.0000	77.879	1.66094	0.00000	627155.8	358312.4	0.0	S
23.173	0.3583	0.0000	77.878	1.65852	0.00000	627173.2	358392.1	0.0	S
23.187	0.3515	0.0000	77.877	1.65612	0.00000	627190.3	358471.7	0.0	S
23.200	0.3465	0.0000	77.877	1.65376	0.00000	627207.0	358551.1	0.0	S
23.213	0.3429	0.0000	77.876	1.65143	0.00000	627223.6	358630.4	0.0	S
23.227	0.3403	0.0000	77.875	1.64913	0.00000	627239.9	358709.6	0.0	S
23.240	0.3384	0.0000	77.875	1.64685	0.00000	627256.3	358788.7	0.0	S
23.253	0.3371	0.0000	77.874	1.64460	0.00000	627272.4	358867.7	0.0	S
23.267	0.3360	0.0000	77.874	1.64237	0.00000	627288.6	358946.6	0.0	S
23.280	0.3353	0.0000	77.873	1.64016	0.00000	627304.7	359025.4	0.0	S
23.293	0.3347	0.0000	77.872	1.63798	0.00000	627320.8	359104.1	0.0	S
23.307	0.3344	0.0000	77.872	1.63581	0.00000	627336.9	359182.6	0.0	S
23.320	0.3344	0.0000	77.871	1.63365	0.00000	627352.9	359261.1	0.0	S
23.333	0.3344	0.0000	77.871	1.63152	0.00000	627368.9	359339.5	0.0	S
23.347	0.3344	0.0000	77.870	1.62940	0.00000	627385.0	359417.7	0.0	S
23.360	0.3344	0.0000	77.869	1.62729	0.00000	627401.1	359495.9	0.0	S
23.373	0.3344	0.0000	77.869	1.62520	0.00000	627417.1	359573.9	0.0	S
23.387	0.3344	0.0000	77.868	1.62312	0.00000	627433.1	359651.9	0.0	S
23.400	0.3344	0.0000	77.867	1.62106	0.00000	627449.2	359729.8	0.0	S
23.413	0.3344	0.0000	77.867	1.61900	0.00000	627465.3	359807.5	0.0	S
23.427	0.3344	0.0000	77.866	1.61696	0.00000	627481.3	359885.2	0.0	S
23.440	0.3344	0.0000	77.866	1.61493	0.00000	627497.4	359962.8	0.0	S
23.453	0.3344	0.0000	77.865	1.61291	0.00000	627513.4	360040.2	0.0	S
23.467	0.3344	0.0000	77.864	1.61090	0.00000	627529.4	360117.6	0.0	S
23.480	0.3344	0.0000	77.864	1.60890	0.00000	627545.5	360194.9	0.0	S
23.493	0.3344	0.0000	77.863	1.60691	0.00000	627561.6	360272.1	0.0	S
23.507	0.3344	0.0000	77.863	1.60493	0.00000	627577.6	360349.1	0.0	S
23.520	0.3343	0.0000	77.862	1.60296	0.00000	627593.6	360426.1	0.0	S
23.533	0.3343	0.0000	77.861	1.60100	0.00000	627609.7	360503.0	0.0	S
23.547	0.3343	0.0000	77.861	1.59905	0.00000	627625.8	360579.8	0.0	S
23.560	0.3342	0.0000	77.860	1.59711	0.00000	627641.8	360656.5	0.0	S
23.573	0.3342	0.0000	77.860	1.59517	0.00000	627657.8	360733.2	0.0	S
23.587	0.3341	0.0000	77.859	1.59324	0.00000	627673.9	360809.7	0.0	S
23.600	0.3341	0.0000	77.858	1.59133	0.00000	627689.9	360886.1	0.0	S
23.613	0.3341	0.0000	77.858	1.58942	0.00000	627705.9	360962.4	0.0	S
23.627	0.3340	0.0000	77.857	1.58751	0.00000	627722.0	361038.7	0.0	S
23.640	0.3340	0.0000	77.857	1.58562	0.00000	627738.0	361114.8	0.0	S
23.653	0.3340	0.0000	77.856	1.58373	0.00000	627754.1	361190.9	0.0	S
23.667	0.3340	0.0000	77.855	1.58185	0.00000	627770.1	361266.9	0.0	S

Detailed Results (cont,d.) *:: Scenario 1 :: Pond 12 - 100 Year / 24 Hour Routing*

Elapsed Time (hours)	Inflow Rate (ft³/s)	Outside Recharge (ft/day)	Stage Elevation (ft datum)	Infiltration Rate (ft³/s)	Overflow Discharge (ft³/s)	Cumulative Inflow Volume (ft³)	Cumulative Infiltration Volume (ft³)	Cumulative Discharge Volume (ft³)	Flow Type
23.680	0.3340	0.0000	77.855	1.57998	0.00000	627786.1	361342.8	0.0	S
23.693	0.3340	0.0000	77.854	1.57812	0.00000	627802.1	361418.6	0.0	S
23.707	0.3340	0.0000	77.854	1.57626	0.00000	627818.2	361494.3	0.0	S
23.720	0.3340	0.0000	77.853	1.57442	0.00000	627834.2	361569.9	0.0	S
23.733	0.3340	0.0000	77.853	1.57257	0.00000	627850.3	361645.4	0.0	S
23.747	0.3340	0.0000	77.852	1.57074	0.00000	627866.3	361720.8	0.0	S
23.760	0.3340	0.0000	77.851	1.56891	0.00000	627882.3	361796.2	0.0	S
23.773	0.3340	0.0000	77.851	1.56709	0.00000	627898.3	361871.5	0.0	S
23.787	0.3340	0.0000	77.850	1.56528	0.00000	627914.4	361946.6	0.0	S
23.800	0.3340	0.0000	77.850	1.56347	0.00000	627930.4	362021.7	0.0	S
23.813	0.3340	0.0000	77.849	1.56167	0.00000	627946.4	362096.7	0.0	S
23.827	0.3340	0.0000	77.848	1.55988	0.00000	627962.4	362171.7	0.0	S
23.840	0.3340	0.0000	77.848	1.55809	0.00000	627978.5	362246.5	0.0	S
23.853	0.3340	0.0000	77.847	1.55631	0.00000	627994.5	362321.2	0.0	S
23.867	0.3340	0.0000	77.847	1.55454	0.00000	628010.6	362395.9	0.0	S
23.880	0.3340	0.0000	77.846	1.55277	0.00000	628026.6	362470.5	0.0	S
23.893	0.3340	0.0000	77.846	1.55101	0.00000	628042.6	362544.9	0.0	S
23.907	0.3340	0.0000	77.845	1.54925	0.00000	628058.6	362619.3	0.0	S
23.920	0.3340	0.0000	77.844	1.54750	0.00000	628074.7	362693.7	0.0	S
23.933	0.3340	0.0000	77.844	1.54576	0.00000	628090.8	362767.9	0.0	S
23.947	0.3340	0.0000	77.843	1.54402	0.00000	628106.8	362842.1	0.0	S
23.960	0.3340	0.0000	77.843	1.54229	0.00000	628122.8	362916.1	0.0	S
23.973	0.3340	0.0000	77.842	1.54057	0.00000	628138.8	362990.1	0.0	S
23.987	0.3340	0.0000	77.842	1.53885	0.00000	628154.9	363064.0	0.0	S
24.000	0.3340	0.0000	77.841	1.53714	0.00000	628170.9	363137.8	0.0	S
24.013	0.3290	0.0000	77.840	1.53542	0.00000	628186.8	363211.6	0.0	S
24.027	0.3135	0.0000	77.840	1.53368	0.00000	628202.2	363285.3	0.0	S
24.040	0.2804	0.0000	77.839	1.53190	0.00000	628216.4	363358.8	0.0	S
24.053	0.2339	0.0000	77.839	1.53007	0.00000	628228.8	363432.3	0.0	S
24.067	0.1838	0.0000	77.838	1.52818	0.00000	628238.8	363505.7	0.0	S
24.080	0.1372	0.0000	77.837	1.52625	0.00000	628246.6	363579.0	0.0	S
24.093	0.0981	0.0000	77.837	1.52430	0.00000	628252.2	363652.3	0.0	S
24.107	0.0701	0.0000	77.836	1.52233	0.00000	628256.3	363725.3	0.0	S
24.120	0.0506	0.0000	77.835	1.52036	0.00000	628259.1	363798.4	0.0	S
24.133	0.0365	0.0000	77.835	1.51841	0.00000	628261.2	363871.3	0.0	S
24.147	0.0262	0.0000	77.834	1.51647	0.00000	628262.7	363944.2	0.0	S
24.160	0.0188	0.0000	77.833	1.51455	0.00000	628263.8	364016.9	0.0	S
24.173	0.0135	0.0000	77.832	1.51265	0.00000	628264.6	364089.5	0.0	S
24.187	0.0096	0.0000	77.832	1.51077	0.00000	628265.1	364162.1	0.0	S
24.200	0.0069	0.0000	77.831	1.50890	0.00000	628265.5	364234.6	0.0	S
24.213	0.0048	0.0000	77.830	1.50705	0.00000	628265.8	364307.0	0.0	S
24.227	0.0034	0.0000	77.830	1.50522	0.00000	628266.0	364379.3	0.0	S
24.240	0.0023	0.0000	77.829	1.50340	0.00000	628266.1	364451.5	0.0	S
24.253	0.0016	0.0000	77.828	1.50160	0.00000	628266.3	364523.6	0.0	S
24.267	0.0010	0.0000	77.827	1.49981	0.00000	628266.3	364595.6	0.0	S
24.280	0.0006	0.0000	77.827	1.49803	0.00000	628266.3	364667.6	0.0	S
24.293	0.0003	0.0000	77.826	1.49627	0.00000	628266.4	364739.4	0.0	S
24.307	0.0001	0.0000	77.825	1.49451	0.00000	628266.4	364811.2	0.0	S
24.320	0.0000	0.0000	77.825	1.49277	0.00000	628266.4	364882.9	0.0	S
24.333	0.0000	0.0000	77.824	1.49104	0.00000	628266.4	364954.5	0.0	S
24.347	0.0000	0.0000	77.823	1.48978	0.00000	628266.4	365026.0	0.0	S
48.347	0.0000	0.0000	77.141	0.64650	0.00000	628266.4	432641.0	0.0	S
72.347	0.0000	0.0000	76.682	0.44506	0.00000	628266.4	476741.0	0.0	S
96.347	0.0000	0.0000	76.332	0.34211	0.00000	628266.4	509547.1	0.0	S
120.347	0.0000	0.0000	76.046	0.27999	0.00000	628266.4	535857.3	0.0	S
144.347	0.0000	0.0000	75.802	0.23807	0.00000	628266.4	557929.6	0.0	S
168.347	0.0000	0.0000	75.589	0.20762	0.00000	628266.4	576996.4	0.0	S
192.347	0.0000	0.0000	75.398	0.18434	0.00000	628266.4	593806.1	0.0	S
216.347	0.0000	0.0000	75.225	0.16586	0.00000	628266.4	608849.4	0.0	S
240.347	0.0000	0.0000	75.068	0.11237	0.00000	628266.4	622467.1	0.0	S
264.347	0.0000	0.0000	74.800	0.03356	0.00000	628266.4	628266.4	0.0	S
288.347	0.0000	0.0000	74.475	0.00000	0.00000	628266.4	628266.4	0.0	S
360.347	0.0000	0.0000	73.809	----	----	628266.4	628266.4	0.0	N.A.

Attachment B

Revised
Full Sized Construction Plans

CONSTRUCTION PLANS
IN SUPPORT OF THE

ENVIRONMENTAL RESOURCES PERMIT APPLICATION

AND

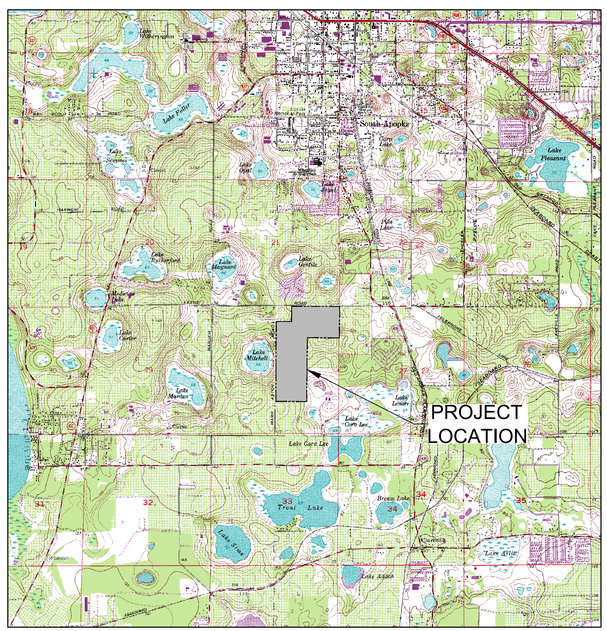
CITY OF APOPKA COMMUNITY DEVELOPMENT DEPARTMENT

FOR THE

VISTA LANDFILL
INTERIM AND FINAL BUILDOUT PHASES

(FORMERLY CALLED BUTTREY LANDFILL)

REVISED APRIL 2011
ATM PROJECT 10-2141



SITE LOCATION MAP

SUBMITTED TO:

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
3319 MAGUIRE BOULEVARD, SUITE 232
ORLANDO, FL. 32803
(407) 894-7555

CITY OF APOPKA
COMMUNITY DEVELOPMENT DEPARTMENT
120 EAST MAIN STREET
APOPKA, FL 32703
(407) 703-1712

INDEX OF SHEETS

SHEET	TITLE
1	COVER SHEET
2	FINAL GRADING AND DRAINAGE PLAN
3	FINAL GRADING AND DRAINAGE PLAN
4	POST DEVELOPED CONTRIBUTING DRAINGE BASIN MAP
5	POST DEVELOPED CONTRIBUTING DRAINGE BASIN MAP
6	POND SECTIONS
7	DETAILS
8	DETAILS
9	INTERIM PRE-CONSUMER VEGETATIVE WASTE ORGANIC RECYCLING FACILITY (PVW-ORF) GRADING AND DRAINAGE PLAN (5 YEAR PLAN)

SUBMITTED BY: APPLIED TECHNOLOGY & MANAGEMENT, INC.
5550 NW 111th Blvd.
GAINESVILLE, FL 32653
(386) 418-6401

SUBMITTED FOR: WASTE MANAGEMENT INC. of FLORIDA
VISTA LANDFILL
255 WEST KEENE ROAD,
APOPKA, FLA. 32703
(407) 886-2920

Signature
Christopher J. Schumacher, P.E.
Florida Registration # 46998
Date

REV. No.	DATE	DRAWN BY	CHKD BY	REMARKS
	3/15/11	KFM	CMS	RAI COMMENTS; REVISED POND 12 AND INTERIM POND 10 DEPTHS
	4/14/11	KFM	CMS	REVISED POND 5 AND 9 SECTIONS, ADDED BERM NOTE AND GFR DETAIL

DESIGNED	DRAWN	CHECKED
CMS	KFM	CMS

DATE: APRIL 14, 2011
JOB NO. 10-2141
SCALE: NONE

WASTE MANAGEMENT INC. of FLORIDA

COVER SHEET

VISTA LANDFILL, APOPKA, FLORIDA

Applied Technology & Management, Inc.
5550 NW 111th Blvd
Gainesville, Florida 32653
(386) 418-6400
Certificate of Authorization #4669

DRAWING NUMBER
1
SHEET: OF

Xrefs Attached: w-border | (E:drfiles\DWG\w-border.dwg)

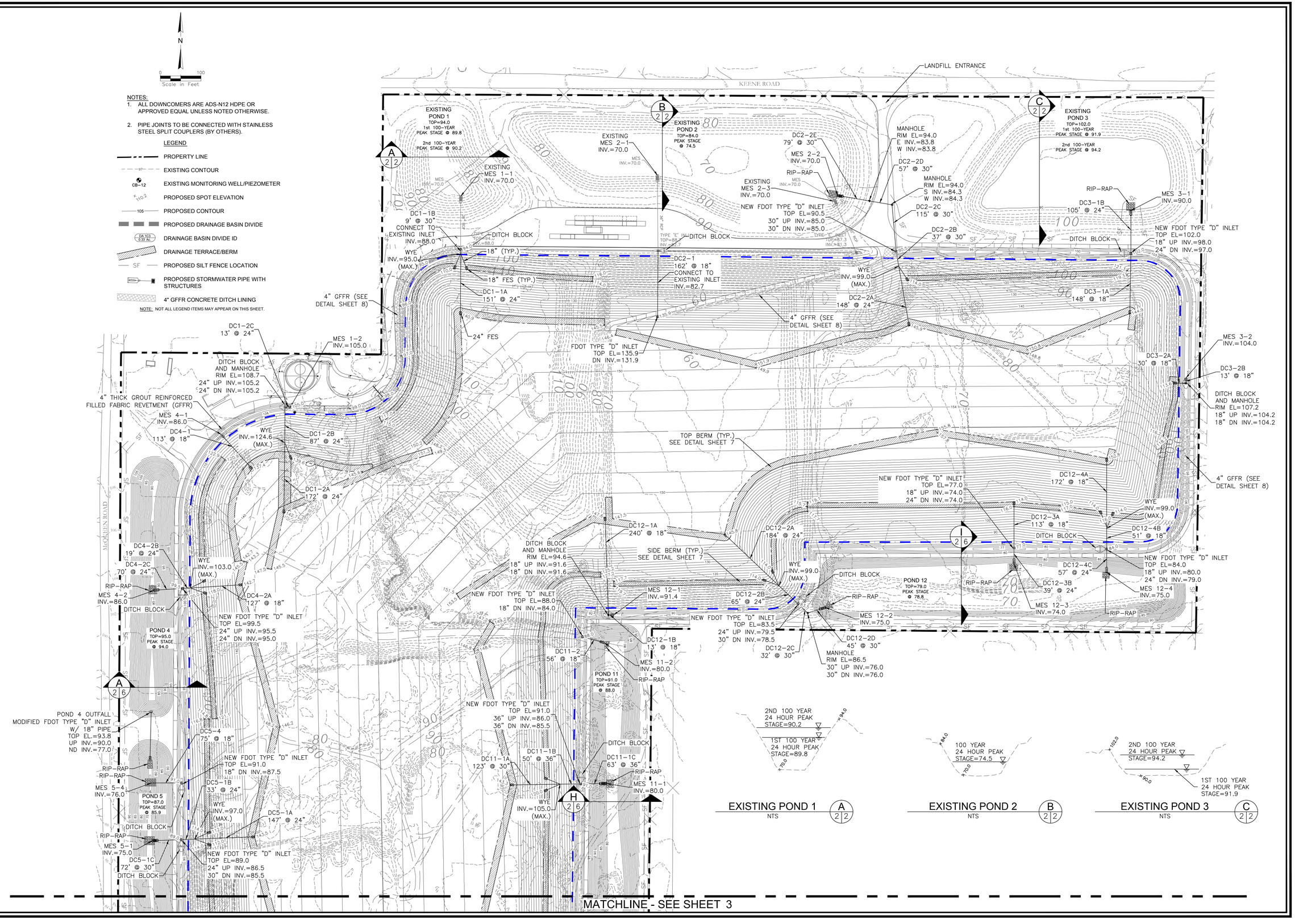
10-2141 Vista Cover Sheet.dwg Cover 4/13/2011 11:13 AM

NOTES:
1. ALL DOWNCOMERS ARE ADS-N12 HDPE OR APPROVED EQUAL UNLESS NOTED OTHERWISE.
2. PIPE JOINTS TO BE CONNECTED WITH STAINLESS STEEL SPLIT COUPLERS (BY OTHERS).

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- CB-12 EXISTING MONITORING WELL/PIEZOMETER
- 110.2 PROPOSED SPOT ELEVATION
- 105 PROPOSED CONTOUR
- PROPOSED DRAINAGE BASIN DIVIDE
- DA 103 0.93 AC DRAINAGE BASIN DIVIDE ID
- DRAINAGE TERRACE/BERM
- SF PROPOSED SILT FENCE LOCATION
- PROPOSED STORMWATER PIPE WITH STRUCTURES
- 4" GFFR CONCRETE DITCH LINING

NOTE: NOT ALL LEGEND ITEMS MAY APPEAR ON THIS SHEET.



Signature
Stephen A. Schumacher, P.E.
Florida Registration # 46598
Date

REV. No.	DATE	DRAWN BY	CHKD BY	REMARKS
	3/15/11	KFM	CMS	RAI COMMENTS; REVISED POND 12 AND INTERIM POND 10 DEPTHS
	4/14/11	KFM	CMS	REVISED POND 5 AND 9 SECTIONS; ADDED BERM NOTE AND GFFR DETAIL

DESIGNED CMS | DRAWN KFM | CHECKED CMS
DATE: APRIL 14, 2011
JOB NO. 10-2141
SCALE: 1"=100'

WASTE MANAGEMENT INC. of FLORIDA

FINAL GRADING AND DRAINAGE PLAN

VISTA LANDFILL, APOPKA, FLORIDA

Applied Technology & Management, Inc.
5550 NW 111th Blvd
Gainesville, Florida 32653
(386) 418-6400
Certificate of Authorization #4669

DRAWING NUMBER
2
SHEET: OF

10-2141 Vista Grading.dwg site map north 4/13/2011 10:40 AM
Xrefs Attached- w/ border: [E:\ePlot\DWG\w-border.dwg]
GEOSYNTEC FINAL COVER: [E:\ePlot\DWG\GEOSYNTEC FINAL COVER.dwg]
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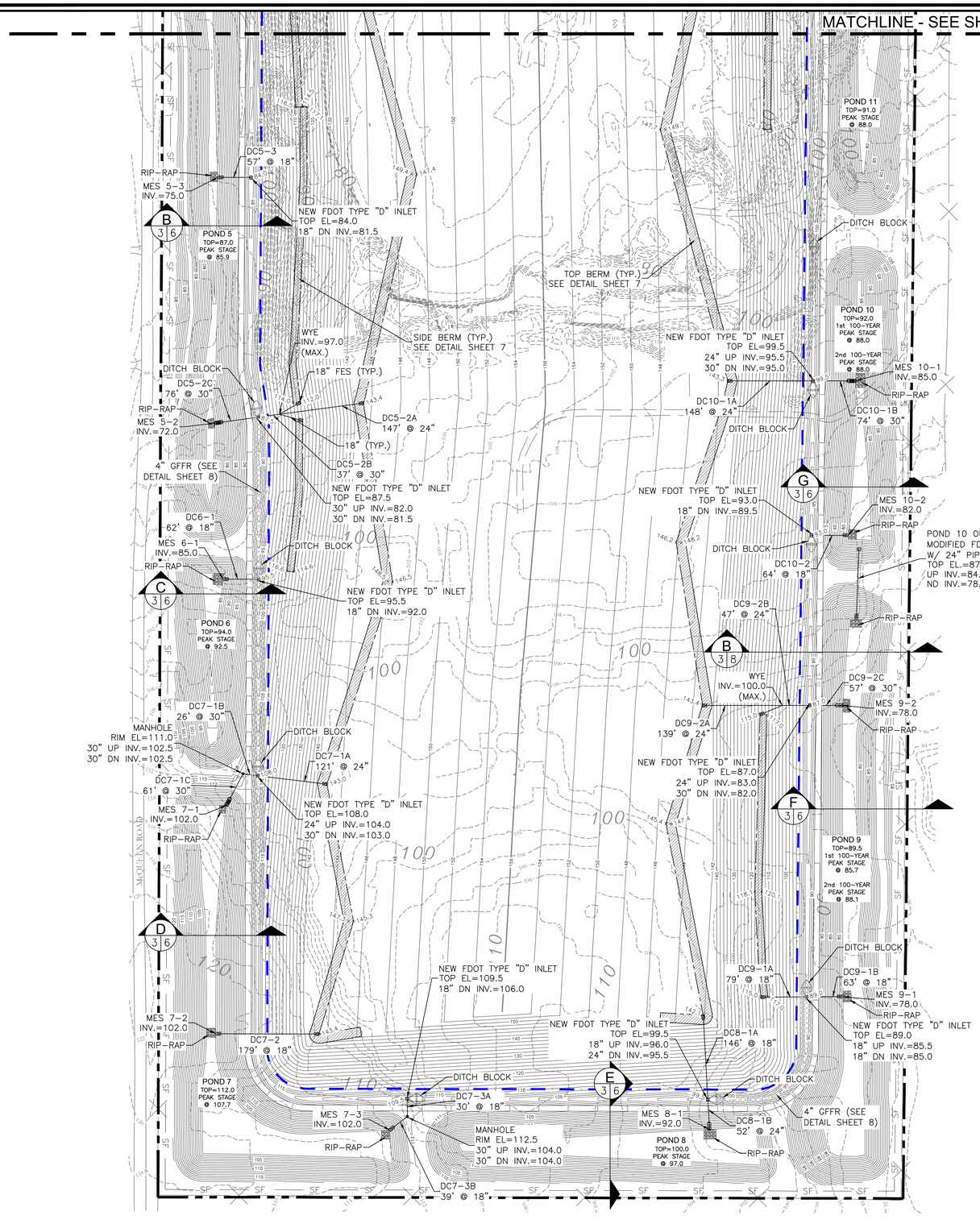

N

0 100
Scale in Feet

NOTES:

1. ALL DOWNCOMERS ARE ADS-N12 HDPE OR APPROVED EQUAL UNLESS NOTED OTHERWISE.
2. PIPE JOINTS TO BE CONNECTED WITH STAINLESS STEEL SPLIT COUPLERS (BY OTHERS).

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- CB-12 EXISTING MONITORING WELL/PIEZOMETER
- 110.2 PROPOSED SPOT ELEVATION
- 105 PROPOSED CONTOUR
- PROPOSED DRAINAGE BASIN DIVIDE
- DA 1C3 0.33 AC DRAINAGE BASIN DIVIDE ID
- DRAINAGE TERRACE/BERM
- SF PROPOSED SILT FENCE LOCATION
- PROPOSED STORMWATER PIPE WITH STRUCTURES
- 4" GFFR CONCRETE DITCH LINING

NOTE: NOT ALL LEGEND ITEMS MAY APPEAR ON THIS SHEET.

Signature
Chris A. Schumacher P.E.
Florida Registration # 46598

Date

REV. No.	DATE	DRAWN BY	CHKD BY	REMARKS
	3/15/11	KFM	CMS	RAI COMMENTS; REVISED POND 12 AND INTERIM POND 10 DEPTHS
	4/14/11	KFM	CMS	REVISED POND 5 AND 9 SECTIONS, ADDED BERM NOTE AND GFFR DETAIL

DESIGNED CMS | DRAWN KFM | CHECKED CMS
DATE: APRIL 14, 2011
JOB NO. 10-2141
SCALE: 1"=100'

WASTE MANAGEMENT INC. of FLORIDA

FINAL GRADING AND DRAINAGE PLAN

VISTA LANDFILL, APOPKA, FLORIDA

Applied Technology & Management, Inc.
5550 NW 111th Blvd
Gainesville, Florida 32653
(386) 418-6400
Certificate of Authorization #4669

DRAWING NUMBER
3
SHEET: OF

Xrefs Attached= xr:border | (E:\ef\ef\DWG\xr-border.dwg)
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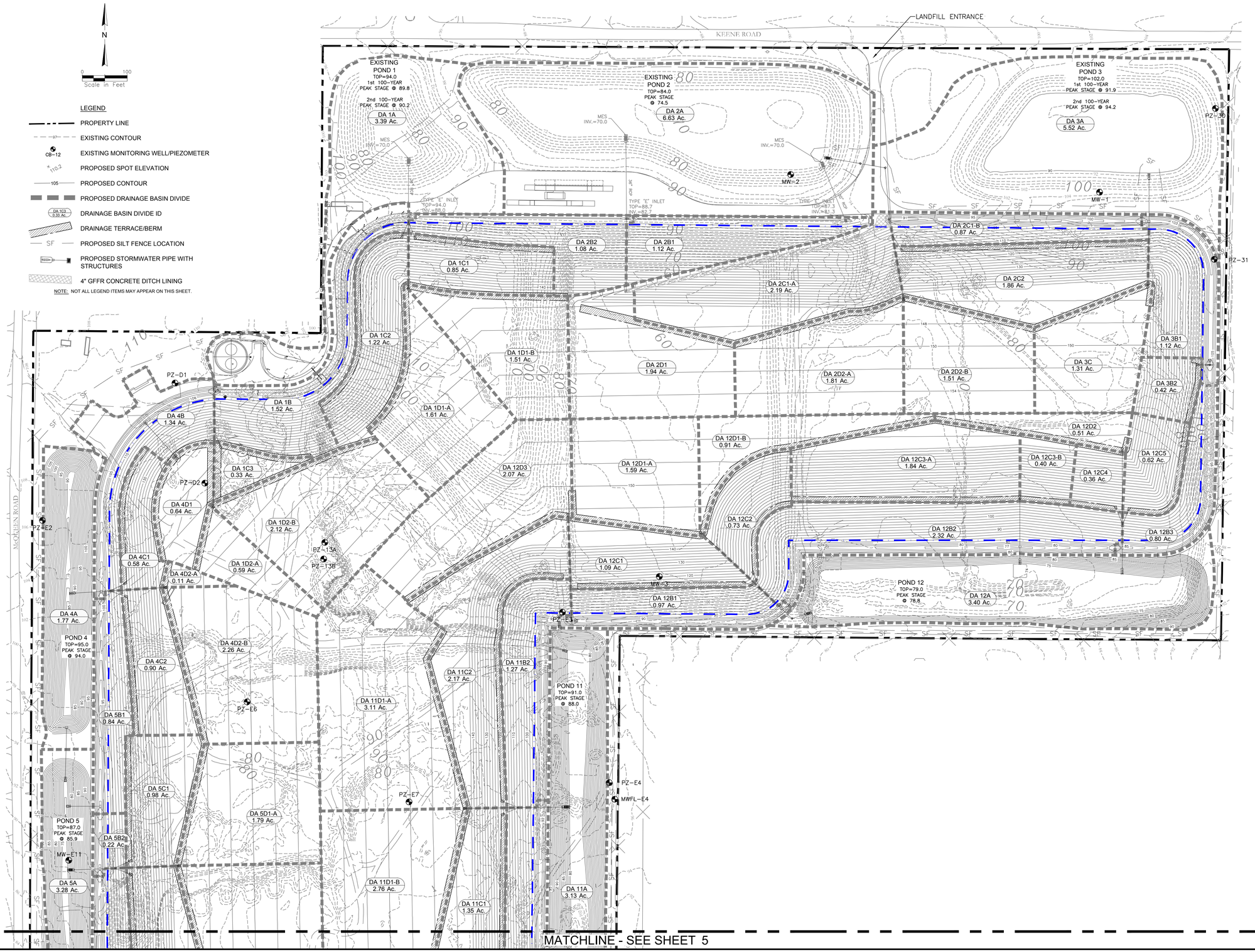
e-design | (E:\ef\ef\DWG\e-design.dwg)
e-geosynthetic initial grading | (E:\ef\ef\DWG\e-geosynthetic initial grading.dwg)
e-topo | (E:\ef\ef\DWG\e-topo.dwg)
bkmap aerial | (E:\ef\ef\DWG\bkmap-aerial.dwg)
LEGEND | (E:\ef\ef\DWG\LEGEND.dwg)

10-2141 Vista Grading.dwg site map south 4/13/2011 10:46 AM



Signature
Christopher J. Schumacher, P.E.
Florida Registration # 46598

Date

REV. No.	DATE	DRAWN BY	CHKD BY	REMARKS
	3/15/11	KFM	CMS	RAI COMMENTS; REVISED POND 12 AND INTERIM POND 10 DEPTHS
	4/14/11	KFM	CMS	REVISED POND 5 AND 9 SECTIONS; ADDED BERM NOTE AND GFFR DETAIL

DESIGNED CMS	DRAWN KFM	CHECKED CMS	
DATE: APRIL 14, 2011			
JOB NO. 10-2141			
SCALE: 1"=100'			

POST DEVELOPED CONTRIBUTING DRAINGE BASIN MAP

WASTE MANAGEMENT INC. of FLORIDA

VISTA LANDFILL, APOPKA, FLORIDA

Applied Technology & Management, Inc.
5550 NW 111th Blvd
Gainesville, Florida 32653
(386) 418-6400
Certificate of Authorization #4669

DRAWING NUMBER
4
SHEET: OF

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e-aim design | L:\EarthxOW\e-aim design.dwg]
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e-pond-design | L:\EarthxOW\e-pond-design.dwg]
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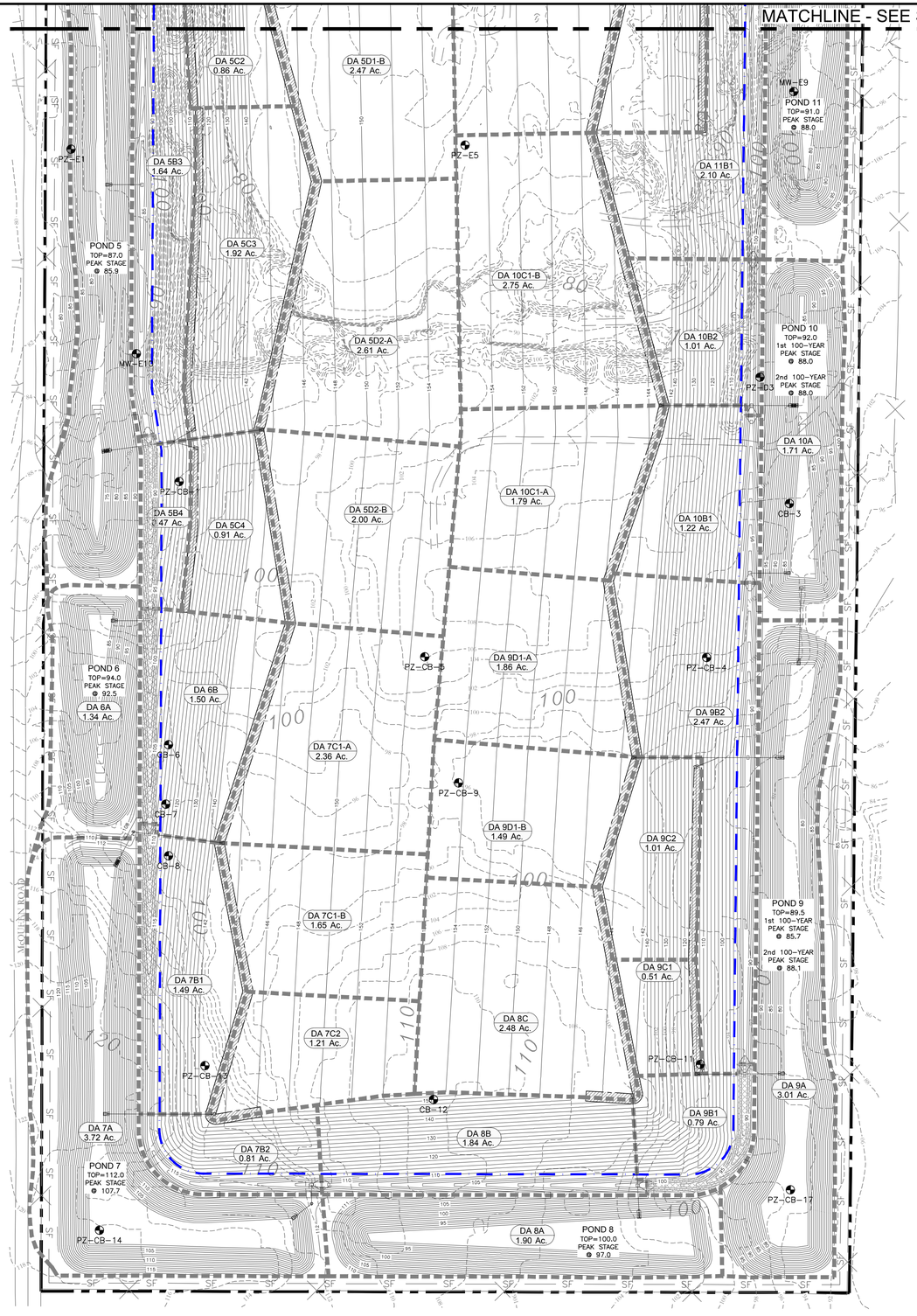
10-2141 Vista Drainage.dwg drainage map north 3/15/2011 11:20 AM



N

0 100
Scale in Feet

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- CB-12 EXISTING MONITORING WELL/PIEZOMETER
- PROPOSED SPOT ELEVATION
- PROPOSED CONTOUR
- PROPOSED DRAINAGE BASIN DIVIDE
- DA 1C3 0.33 Ac. DRAINAGE BASIN DIVIDE ID
- DRAINAGE TERRACE/BERM
- SF PROPOSED SILT FENCE LOCATION
- PROPOSED STORMWATER PIPE WITH STRUCTURES
- 4" GFFR CONCRETE DITCH LINING

NOTE: NOT ALL LEGEND ITEMS MAY APPEAR ON THIS SHEET.

Signature
Chris A. Schumacher P.E.
Florida Registration # 46998

Date

REV. No.	DATE	DRAWN BY	CHKD BY	REMARKS
	3/15/11	KFM	CMS	RAI COMMENTS; REVISED POND 12 AND INTERIM POND 10 DEPTHS
	4/14/11	KFM	CMS	REVISED POND 5 AND 9 SECTIONS, ADDED BERM NOTE AND GFFR DETAIL

DESIGNED CMS | DRAWN KFM | CHECKED CMS
DATE: APRIL 14, 2011
JOB NO. 10-2141
SCALE: 1"=100'

WASTE MANAGEMENT INC. of FLORIDA

POST DEVELOPED CONTRIBUTING DRAINGE BASIN MAP

VISTA LANDFILL, APOPKA, FLORIDA

Applied Technology & Management, Inc.
APPLIED TECHNOLOGY & MANAGEMENT
5550 NW 111th Blvd
Gainesville, Florida 32653
(386) 418-6400
Certificate of Authorization #4669

DRAWING NUMBER
5
SHEET: OF

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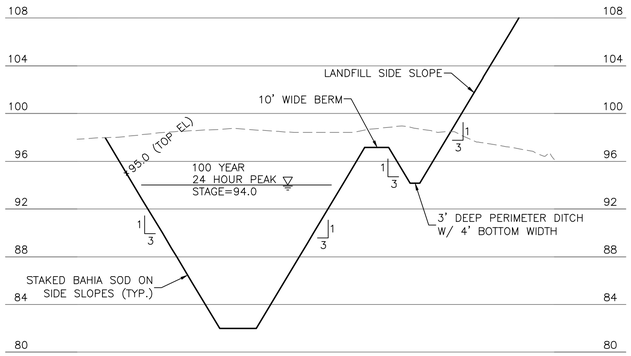
10-2141 Vista Drainage.dwg drainage-map south 3/15/2011 11:20 AM



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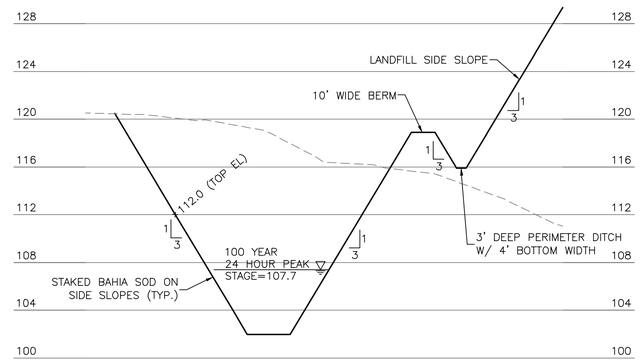

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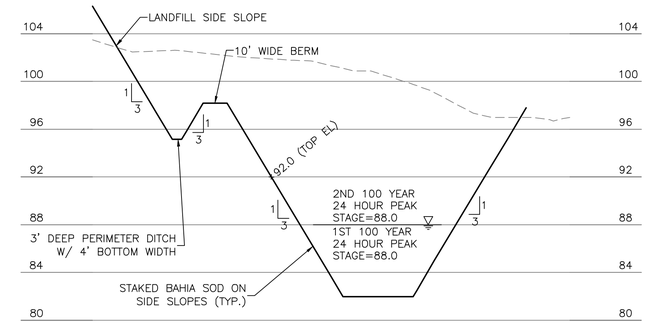

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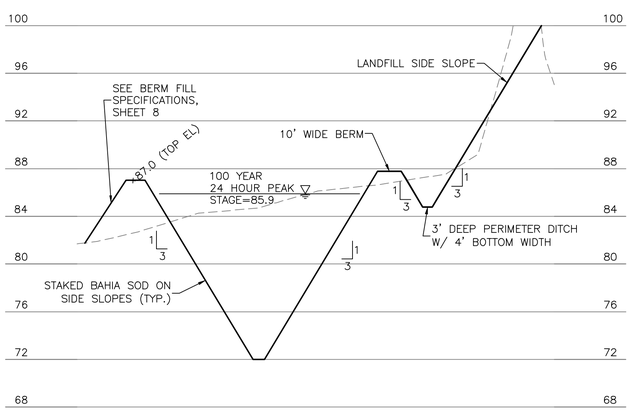

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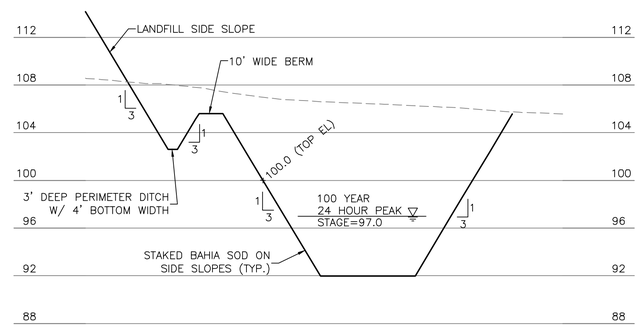

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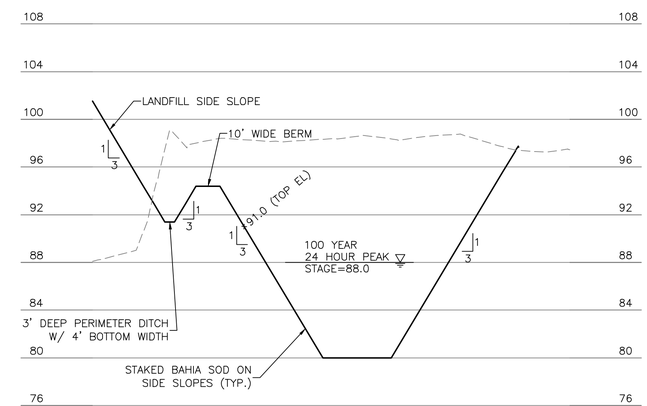

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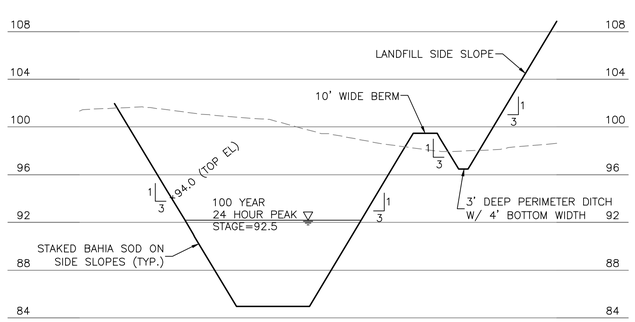

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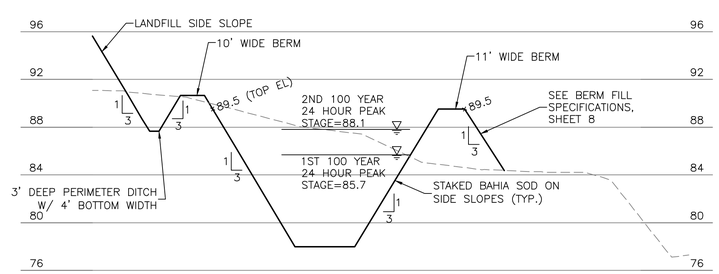

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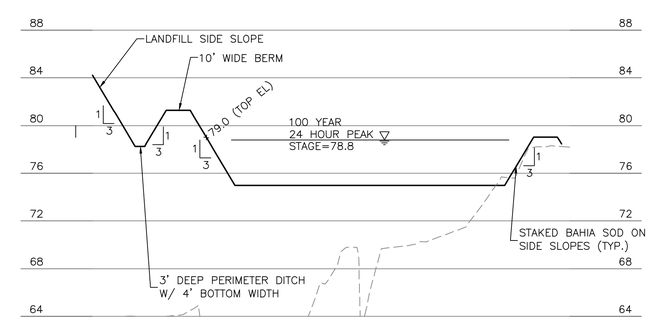

POND 12 (I 2|6)

0 6 Scale in Feet VERTICAL

0 30 Scale in Feet HORIZONTAL

Signature
Stephen A. Schumacher, P.E.
Florida Registration # 46998

Date

REV. No.	DATE	DRAWN BY	CHKD BY	REMARKS
	3/15/11	KFM	CMS	RAI COMMENTS; REVISED POND 12 AND INTERIM POND 10 DEPTHS
	4/14/11	KFM	CMS	REVISED POND 5 AND 9 SECTIONS; ADDED BERM NOTE AND GFR DETAIL

DESIGNED CMS | DRAWN KFM | CHECKED CMS
DATE: APRIL 14, 2011
JOB NO. 10-2141
SCALE: AS NOTED

WASTE MANAGEMENT INC. of FLORIDA

POND SECTIONS

VISTA LANDFILL, APOPKA, FLORIDA

Applied Technology & Management, Inc.
5550 NW 111th Blvd
Gainesville, Florida 32653
(386) 418-6400
Certificate of Authorization #4669

DRAWING NUMBER
6
SHEET: OF

10-2141 Vista Sections.dwg Sections (1) 4/12/2011 10:42 AM

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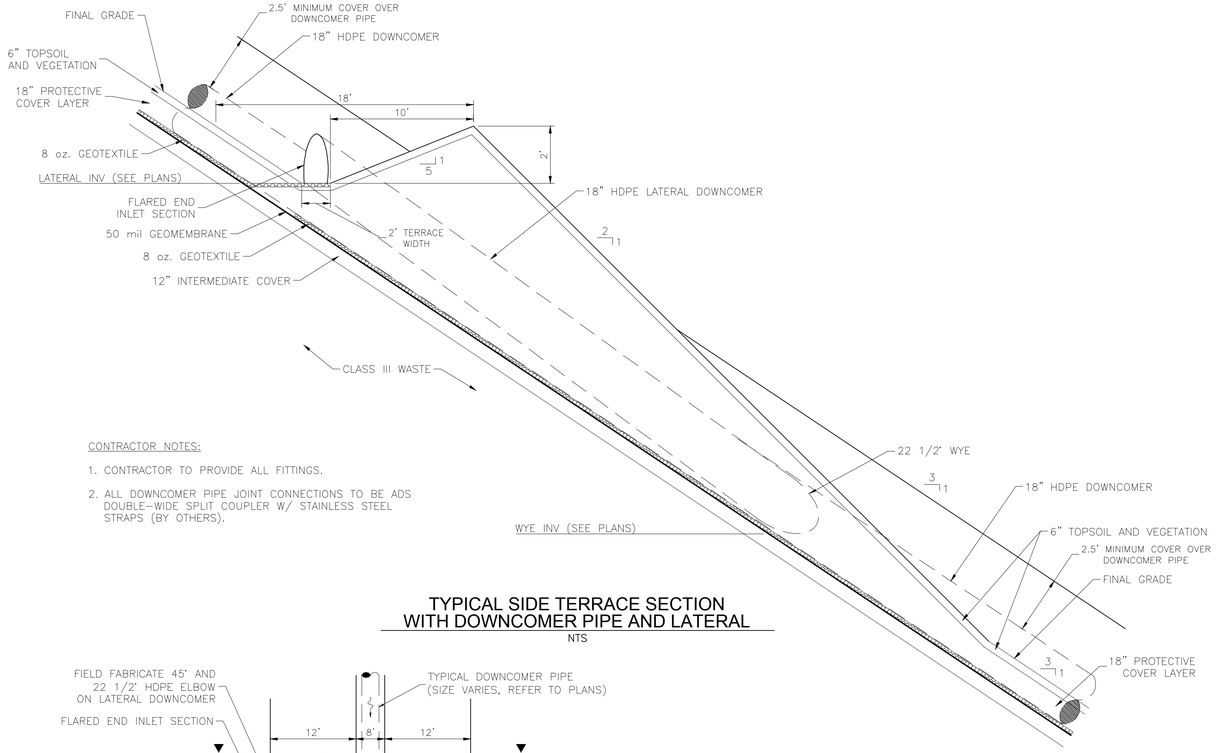
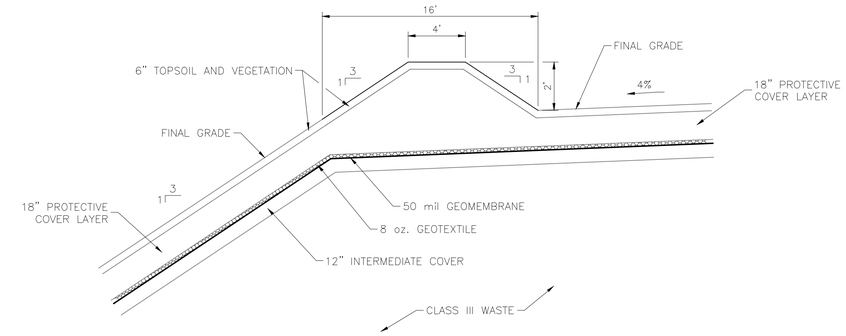


CONTRACTOR NOTES:

1. CONTRACTOR TO PROVIDE ALL FITTINGS.
2. ALL DOWNCOMER PIPE JOINT CONNECTIONS TO BE ADS DOUBLE-WIDE SPLIT COUPLER W/ STAINLESS STEEL STRAPS (BY OTHERS).

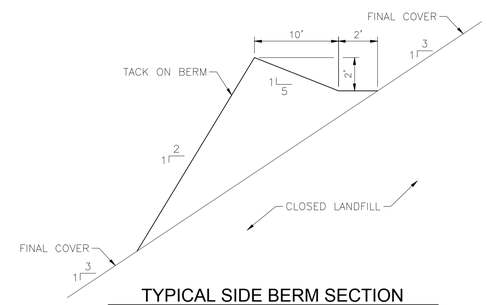
TYPICAL SIDE TERRACE SECTION WITH DOWNCOMER PIPE AND LATERAL

NTS



TYPICAL TOP BERM SECTION

NTS



TYPICAL SIDE BERM SECTION

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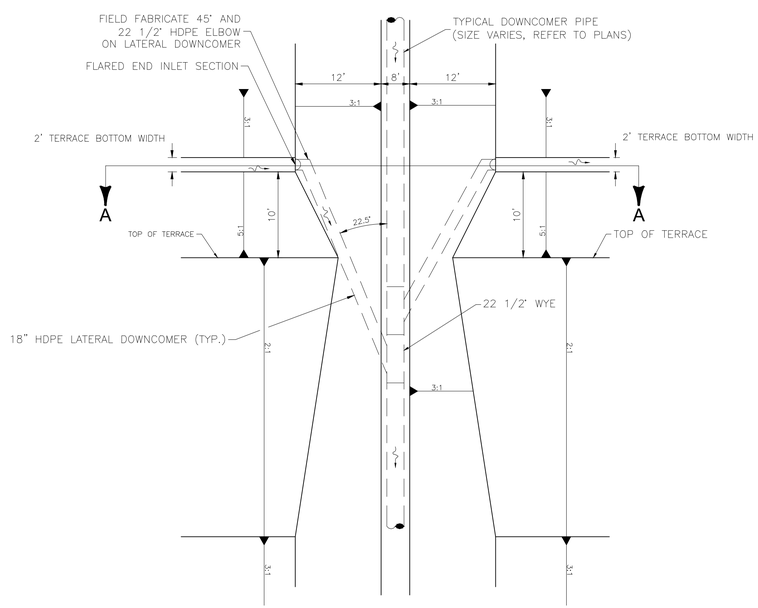
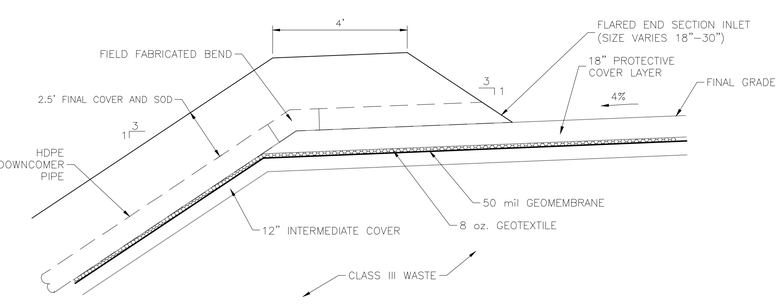
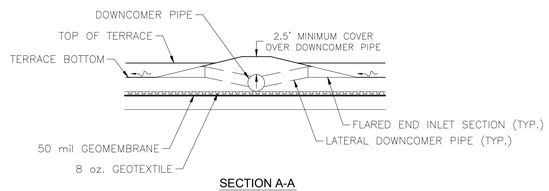


PLAN



TYPICAL TOP BERM INLET DETAIL

NTS



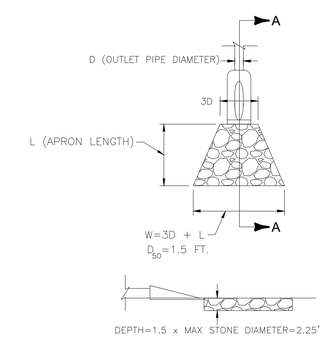
SECTION A-A

TYPICAL INLINE LATERAL DETAIL

NTS

DOWNCOMER TABLE				
PIPE ID	DIA. (in.)	LENGTH (ft.)	UP INV.	DN INV.
POND 1				
DC1-1A	24	151	140.9	95.0
DC1-1B	30	9	95.0	88.0
DC1-2A	24	172	142.7	124.6
DC1-2B	24	87	124.6	105.2
DC1-2C	24	13	105.2	105.0
POND 2				
DC2-1	18	162	131.9	82.7
DC2-2A	24	148	145.9	99.0
DC2-2B	30	37	99.0	85.0
DC2-2C	30	115	85.0	84.3
DC2-2D	30	57	84.3	83.8
DC2-2E	30	79	83.8	70.0
POND 3				
DC3-1A	18	148	144.9	98.0
DC3-1B	24	105	97.0	90.0
DC3-2A	18	30	113.6	104.2
DC3-2B	18	13	104.2	104.0
POND 4				
DC4-1	18	113	137.4	104.0
DC4-2A	18	127	142.7	103.0
DC4-2B	24	19	103.0	95.5
DC4-2C	24	70	95.0	86.0
POND 5				
DC5-4	18	75	87.5	76.0
DC5-1A	24	147	143.5	97.0
DC5-1B	24	33	97.0	86.5
DC5-1C	30	72	85.5	75.0
DC5-2A	24	147	143.4	97.0
DC5-2B	30	37	97.0	82.0
DC5-2C	30	76	81.5	72.0
DC5-3	18	57	81.5	75.0
POND 6				
DC6-1	18	62	92.0	85.0
POND 7				
DC7-1A	24	121	143.0	104.0
DC7-1B	30	26	103.0	102.5
DC7-1C	30	61	102.5	102.0
DC7-2	18	179	143.4	102.0
DC7-3A	18	30	106.0	104.0
DC7-3B	18	39	104.0	102.0

DOWNCOMER TABLE				
PIPE ID	DIA. (in.)	LENGTH (ft.)	UP INV.	DN INV.
POND 8				
DC8-1A	18	146	142.1	96.0
DC8-1B	24	52	95.5	92.0
POND 9				
DC9-1A	18	79	115.0	85.5
DC9-1B	18	63	85.0	78.0
DC9-2A	24	139	143.4	100.0
DC9-2B	24	47	100.0	83.0
DC9-2C	30	57	82.0	78.0
POND 10				
DC10-1A	24	148	143.3	95.5
DC10-1B	30	74	95.0	85.0
DC10-2	18	64	89.5	82.0
POND 11				
DC11-1A	30	123	143.3	105.0
DC11-1B	36	50	105.0	86.0
DC11-1C	36	63	85.5	75.0
DC11-2	18	56	84.0	80.0
POND 12				
DC12-1A	18	240	147.6	91.6
DC12-1B	18	13	91.6	91.4
DC12-2A	24	184	145.8	99.0
DC12-2B	24	65	99.0	79.5
DC12-2C	30	32	78.5	76.0
DC12-2D	30	45	76.0	75.0
DC12-3A	18	113	114.0	74.0
DC12-3B	24	39	74.0	74.0
DC12-4A	18	172	152.8	99.0
DC12-4B	18	51	99.0	80.0
DC12-4C	24	57	79.0	75.0



SECTION A-A

RIP-RAP DIMENSION TABLE						
MES ID	D	L	W	MAX STONE DIAMETER	DEPTH	D_{50}
1-1	36"	29'	38'	1.5'	2.25'	1.5'
2-1	36"	24'	33'	1.5'	2.25'	1.5'
2-2	30"	26'	35'	1.5'	2.25'	1.5'
2-3	30"	19'	27'	1.5'	2.25'	1.5'
3-1	24"	18'	24'	1.5'	2.25'	1.5'
4-2	24"	23'	29'	1.5'	2.25'	1.5'
5-1	30"	24'	32'	1.5'	2.25'	1.5'
5-2	30"	26'	33'	1.5'	2.25'	1.5'
5-3	18"	16'	21'	1.5'	2.25'	1.5'
5-4	18"	13'	17'	1.5'	2.25'	1.5'
6-1	18"	14'	19'	1.5'	2.25'	1.5'
7-1	30"	23'	31'	1.5'	2.25'	1.5'
7-2	18"	13'	18'	1.5'	2.25'	1.5'
7-3	18"	13'	17'	1.5'	2.25'	1.5'
8-1	24"	20'	26'	1.5'	2.25'	1.5'
9-1	18"	14'	18'	1.5'	2.25'	1.5'
9-2	30"	25'	32'	1.5'	2.25'	1.5'
10-1	30"	23'	31'	1.5'	2.25'	1.5'
10-2	18"	14'	18'	1.5'	2.25'	1.5'
11-1	36"	30'	39'	1.5'	2.25'	1.5'
11-2	18"	14'	18'	1.5'	2.25'	1.5'
12-2	30"	25'	33'	1.5'	2.25'	1.5'
12-3	24"	21'	27'	1.5'	2.25'	1.5'
12-4	24"	18'	24'	1.5'	2.25'	1.5'

RIP-RAP DIMENSIONS

NTS

Signature
Christopher A. Schumacher, P.E.
Florida Registration # 46598

Date

REV. No.	DATE	DRAWN BY	CHKD BY	REMARKS
	3/15/11	KFM	CMS	RAI COMMENTS; REVISED POND 12 AND INTERIM POND 10 DEPTHS
	4/14/11	KFM	CMS	REVISED POND 5 AND 9 SECTIONS, ADDED BERM NOTE AND GFR DETAIL

DESIGNED	DRAWN	CHECKED
CMS	KFM	CMS

DATE: APRIL 14, 2011

JOB NO. 10-2141

SCALE: AS NOTED

WASTE MANAGEMENT INC. of FLORIDA

DETAILS

VISTA LANDFILL, APOPKA, FLORIDA

Applied Technology & Management, Inc.
5550 NW 11th Blvd
Gainesville, Florida 32653
(386) 418-6400
Certificate of Authorization #4669

DRAWING NUMBER

7

SHEET: OF

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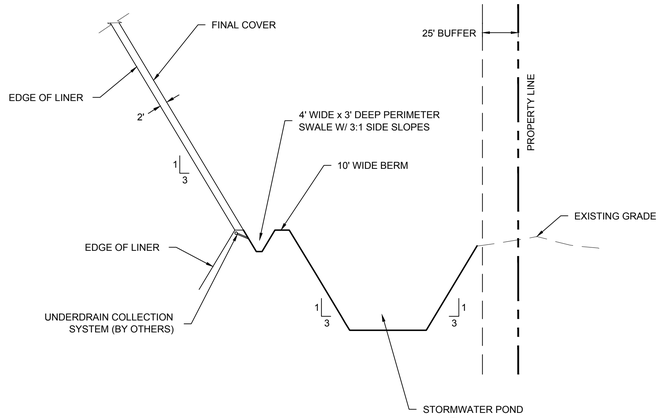

TYPICAL SECTION B/3 8
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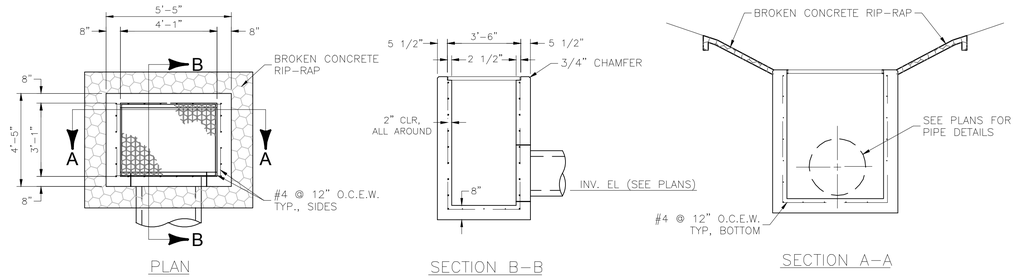
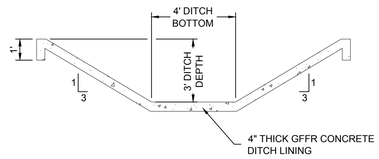
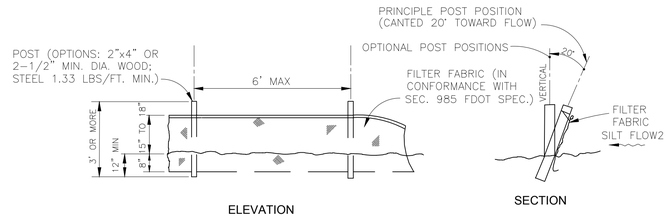


FDOT TYPE "D" INLET DETAIL
NTS



4" GFFR DITCH LINING DETAIL
NTS



SILT FENCE DETAIL
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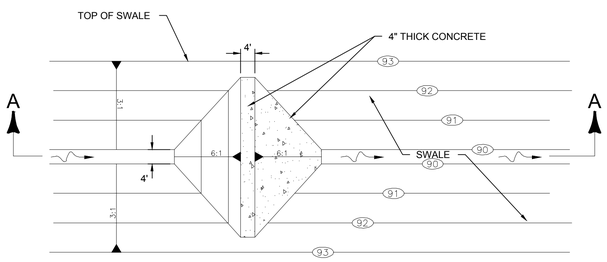
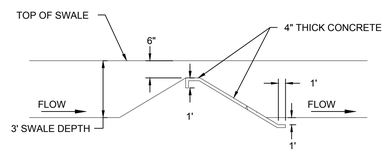


PLAN



SECTION A-A

DITCH BLOCK DETAIL
NTS

BERM FILL GUIDE SPECIFICATIONS

WHERE THE STORMWATER POND BERM IS TO BE CONSTRUCTED ABOVE NATURAL GRADE, THE FOLLOWING ARE THE RECOMMENDED SPECIFICATIONS FOR BERM CONSTRUCTION.

WITH THE EXCEPTION OF THE TOPSOIL, THE SOILS ARE OF A TYPE AND CONSISTENCY SUITABLE FOR THE SUPPORT OF THE PROPOSED EARTHEN BERMS, PROVIDED THAT THEY ARE PREPARED AS DESCRIBED HEREUNDER. THE FOLLOWING BERM CONSTRUCTION SPECIFICATIONS HAVE BEEN PREPARED AS A GUIDE TO THE DESIGN ENGINEER FOR THE SITE REFERENCED ABOVE.THESE RECOMMENDATIONS SHOULD BE INCORPORATED INTO THE GENERAL PROJECT SPECIFICATIONS.

1. THE BERM FOOTPRINT PLUS A MINIMUM MARGIN OF 3 FEET SHOULD BE CLEARED, STRIPPED AND GRUBBED TO REMOVE ALL SURFACE VEGETATION, ROOTS, TOPSOIL AND OTHER DELETERIOUS MATERIALS. MATERIALS GENERATED DURING THIS PROCESS SHOULD BE REMOVED FROM THE SITE AND/OR STOCKPILED ONSITE AS DIRECTED BY THE OWNER/ENGINEER.

2. WITHIN THE BERM FOOTPRINT, PLUS A MINIMUM MARGIN OF 3 FEET ON EITHER SIDE, THE RESULTING CLEARED SURFACE AND THE EXPOSED NATURAL SOILS SHOULD BE PROOF ROLLED TO DETECT UNSTABLE CONDITIONS SUCH AS YIELDING OR PUMPING SOILS. SOFT AREAS OR EXCESSIVELY WET SOILS SHOULD BE EXCAVATED, REMOVED, DRIED AND/OR REPLACED WITH SUITABLE COMPACTED FILL, AS DESCRIBED BELOW.

3. NO CONSTRUCTION DEWATERING IS ANTICIPATED.

4. THE RESULTING CLEARED SURFACE SHOULD BE LEVELED AND THEN COMPACTED BY MEANS OF A LARGE SELF PROPELLED VIBRATORY ROLLER WHICH HAS A MINIMUM STATIC WEIGHT OF 12,000 POUNDS AND IS CAPABLE OF EXERTING A MINIMUM IMPACT ENERGY OF 20,000 POUNDS (I.E., DYNAPAC CA-15 OR EQUIVALENT) IN AREAS MORE THAN 75 FEET AWAY FROM EXISTING STRUCTURE(S). WITHIN 75 FEET OF AN EXISTING STRUCTURE(S) AND AREAS WHERE THE GROUNDWATER TABLE IS WITHIN 2 FEET OF THE GROUND SURFACE, COMPACTION SHOULD BE ACHIEVED WITH A VIBRATORY ROLLER IN THE STATIC MODE OR THE USE OF NON-VIBRATORY COMPACTION EQUIPMENT, SUCH AS A HEAVY RUBBER TIRED FRONT END LOADER. THE FRONT END LOADER SHOULD HAVE A MINIMUM BUCKET SIZE OF 3 CUBIC YARDS WHICH SHOULD REMAIN FULL DURING THE COMPACTION OPERATION.

5. THE COMPACTION EFFORTS SHOULD CONTINUE UNTIL THE SUBSOILS WITHIN THE PROPOSED BERM FOOTPRINT ARE COMPACTED TO A MINIMUM DENSITY EQUIVALENT TO 95 PERCENT OF THE SOILS' MAXIMUM MODIFIED PROCTOR DENSITY VALUE (AASHTO T-180), AS TESTED TO A MINIMUM DEPTH OF 1 FOOT BELOW THE BOTTOM OF THE EXPOSED SUBGRADE.

6. ANY FILL MATERIAL REQUIRED TO ATTAIN FINISHED GRADE SHOULD COMPRISE FREE-DRAINING FINE SANDS WITH A MINIMUM REMOLDED HYDRAULIC CONDUCTIVITY OF 15 FT/DAY (MAXIMUM OF 40 FT/DAY). THE FILL SOILS SHOULD BE PLACED IN LIFTS NOT EXCEEDING 12 INCHES LOOSE THICKNESS AND COMPACTED TO THE MINIMUM DENSITY SPECIFIED ABOVE.

7. THE INTENT OF THE COMPACTION REQUIREMENTS OUTLINED HEREIN IS TO PROVIDE COMPACTED SOILS TO THE TOP OF THE BERM.

8. A REPRESENTATIVE OF THE PROJECT GEOTECHNICAL ENGINEER SHOULD BE RETAINED TO PROVIDE ON-SITE INSPECTION AND TESTING DURING THE SITE PREPARATION ACTIVITIES SO THAT PROPER DOCUMENTATION AND COMPLIANCE OF THE RECOMMENDATIONS OUTLINED ABOVE CAN BE PROVIDED.

TEMPORARY AND PERMANENT EROSION CONTROL PLAN

1. CONTRACTOR IS RESPONSIBLE FOR CONTAINING SILT LADEN RUNOFF FROM LEAVING THE SITE BY UTILIZING BEST MANAGEMENT PRACTICES AS NEEDED FROM THE FLORIDA EROSION AND SEDIMENT CONTROL MANUAL.
2. CONTRACTOR IS TO ERECT SILT FENCES AT THE PERIMETER OF THE SITE AS SHOWN ON THE PAVING AND GRADING PLAN LOCATIONS AND AS SHOWN ON THE DETAILS PAGE PRIOR TO ANY GRADING ACTIVITIES AS A MINIMUM FOR CONTAINING RUNOFF.
3. STORM WATER PONDS SHALL BE ROUGHED IN A HALF OF A FOOT ABOVE FINAL DESIGN GRADE INITIALLY TO SERVE AS A SEDIMENT TRAP FOR RUNOFF.
4. ALL DISTURBED AREAS SHALL BE GRASSED WITHIN A WEEK AFTER FINAL GRADING AS SPECIFIED BELOW.
5. ALL SLOPES 6:1 OR FLATTER SHALL BE SEEDED AND MULCHED WITH A MIXTURE OF SHORT TERM AND LONG TERM VEGETATION AT THE FOLLOWING MIXES:
   70 LBS / ACRE FOR LONG TERM VEGETATION (PENSACOLA BAHIA)
   20 LBS / ACRE FOR SHORT TERM VEGETATION

   APRIL THRU SEPTEMBER USE MILLET FOR SHORT TERM
   OCTOBER THRU MARCH USE WINTER RYE FOR SHORT TERM VEGETATION
6. ALL SLOPES STEEPER THAN 6:1 SHALL BE STAPLE SODDED WITH BAHIA
7. ALL DISTURBED AREAS SHALL BE STABILIZED WITH GRASS AND SOD AS SOON AS POSSIBLE (WITHIN A WEEK) AFTER GRADING ACTIVITIES
8. CONTRACTOR TO MAINTAIN STATE WATER QUALITY STANDARDS TO ALL DOWNSTREAM RECEIVING WATER BODIES BY CONTROLLING SILT AND EROSION AS NEEDED TO MAINTAIN THE WATER BODY TO WITHIN 29 NTU'S OF BACKGROUND.

OPERATION AND MAINTENANCE PLAN

1. INSPECT THE STORMWATER MANAGEMENT SYSTEM WEEKLY OR AFTER RAIN EVENTS OF 0.5" OR MORE FOR SIGNS OF EROSION.
2. ALL ERODED AREAS STEEPER THAN 6:1 SHALL BE SODDED TO ORIGINAL DESIGN GRADES.
3. ALL ERODED AREAS 6:1 OR FLATTER SHALL BE REPAIRED TO DESIGN GRADES AND SEEDED AND MULCHED.
4. ALL PIPES AND INLETS SHALL BE CHECKED FOR BLOCKAGES AND AND ANY ACCUMULATED DIRT OR DEBRIS SHALL BE REMOVED
5. MOW THE PONDS PERIODICALLY TO PREVENT OVERGROWTH.
6. WASTE MANAGEMENT, INC. TO KEEP RECORDS OF ALL O&M ACTIVITIES.

Signature
Stephen A. Schumacher, P.E.
Florida Registration # 46998

Date

REV. No.	DATE	DRAWN BY	CHKD BY	REMARKS
	3/15/11	KFM	CMS	RAI COMMENTS; REVISED POND 12 AND INTERIM POND 10 DEPTHS
	4/14/11	KFM	CMS	REVISED POND 5 AND 9 SECTIONS, ADDED BERM NOTE AND GFFR DETAIL

DESIGNED	DRAWN	CHECKED
CMS	KFM	CMS

DATE: APRIL 14, 2011
JOB NO. 10-2141
SCALE: AS NOTED

WASTE MANAGEMENT INC. of FLORIDA

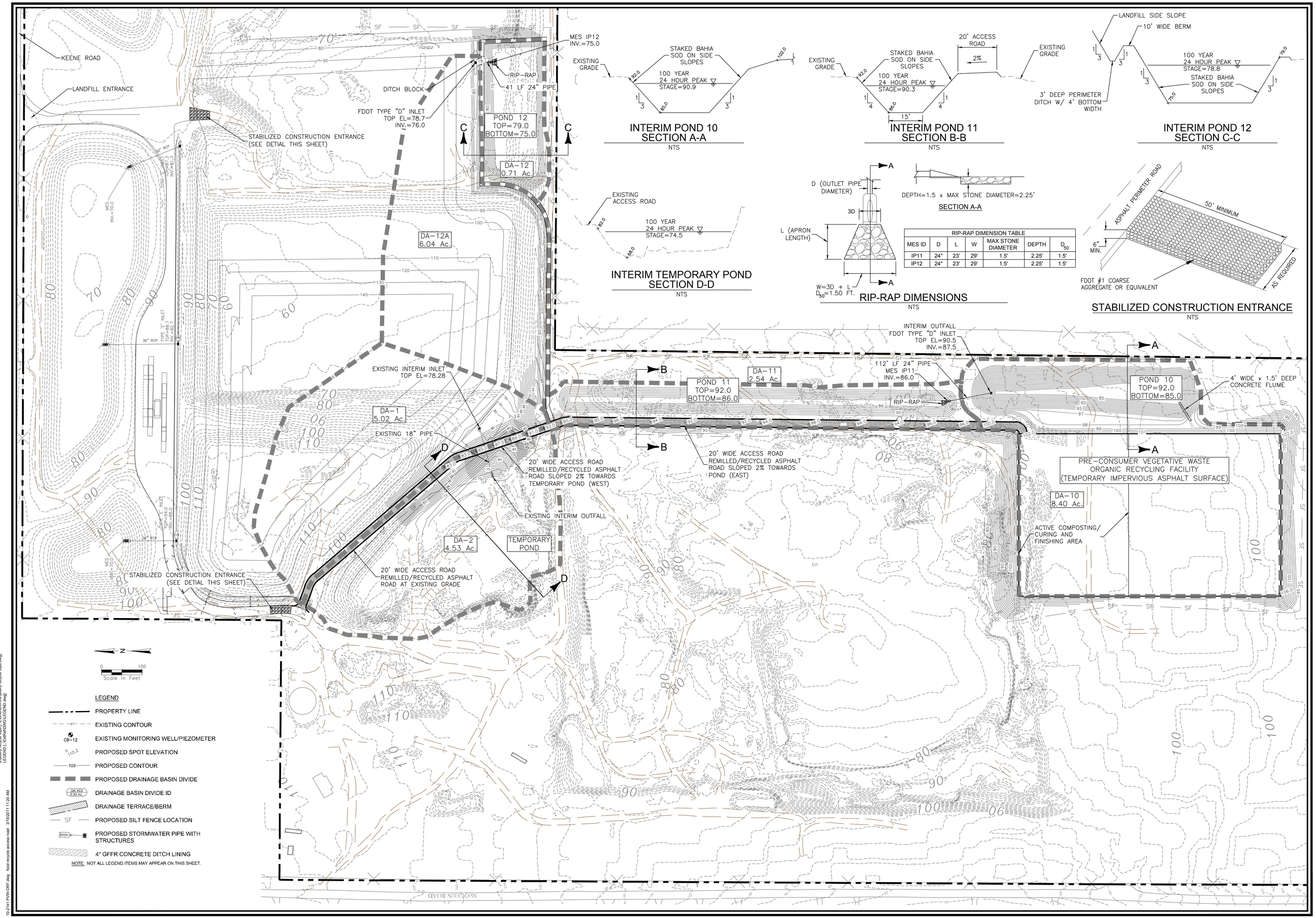
DETAILS

VISTA LANDFILL, APOPKA, FLORIDA

Applied Technology & Management, Inc.
5550 NW 111th Blvd
Gainesville, Florida 32653
(386) 418-6400
Certificate of Authorization #4869

DRAWING NUMBER
8
SHEET: OF

Xrefs Attached: w-border | IEx:Effw/DWG/w-border.dwg
10-2141 Vista Details.dwg Details (2) 4/12/2011 10:42 AM



RIP-RAP DIMENSION TABLE						
MES ID	D	L	W	MAX STONE DIAMETER	DEPTH	D_{50}
IP11	24"	23'	29'	1.5'	2.25'	1.5'
IP12	24"	23'	29'	1.5'	2.25'	1.5'

Signature
Jason A. Schumacher, P.E.
Florida Registration # 46598
Date

REV. No.	DATE	DRAWN BY	CHKD BY	REMARKS
	3/15/11	KFM	CMS	RAI COMMENTS; REVISED POND 12 AND INTERIM POND 10 DEPTHS
	4/14/11	KFM	CMS	REVISED POND 5 AND 9 SECTIONS; ADDED BERM NOTE AND GFFR DETAIL

DESIGNED CMS	DRAWN KFM	CHECKED CMS	
DATE APRIL 14, 2011			
JOB NO. 10-2141			
SCALE 1"=100'			

WASTE MANAGEMENT INC. of FLORIDA

INTERIM PRE-CONSUMER VEGETATIVE WASTE ORGANIC RECYCLING FACILITY GRADING AND DRAINAGE PLAN (5 YEAR PLAN)

VISTA LANDFILL, APOPKA, FLORIDA

Applied Technology & Management, Inc.
5550 NW 111th Blvd
Gainesville, Florida 32653
(386) 418-6400
Certificate of Authorization #4669

DRAWING NUMBER
9
SHEET: OF

Xrefs Attached: xr-border (J:\Eng\Eng\Civil\xr-border.dwg)
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LEGEND (J:\Eng\Eng\Civil\LEGEND.dwg)

10-2141 PVW-DRF.dwg fbold recycle access road 3/15/2011 11:20 AM

Attachment C

Geotechnical Report, Supplemental Addendum 2
by
Devo Engineering

DEVO SEEREERAM, PH.D., P.E.

CONSULTING GEOTECHNICAL ENGINEER

FLORIDA REGISTRATION NO. 48303

DEVO Engineering
CONSULTING GEOTECHNICAL ENGINEERS
5500 Alhambra Drive, Orlando, Florida 32808 Phone: (407) 290-2371 Fax: (407) 298-9011
E-Mail address: devo@devoeng.com Website: http://www.devoeng.com

Geotechnical Engineering • Ground Water Modeling • Software Development • Subcontract Drilling

5500 Alhambra Drive ❄ Orlando, Florida 32808 ❄ phone: 407-290-2371 ❄ fax: 407-298-9011

e-mail: devo@devoeng.com | www.devoeng.com

Date: April 1, 2011 | ***Devo's Project No:*** 10-605.01

To:

APPLIED TECHNOLOGY AND MANAGEMENT, INC.
5550 NW 111 Boulevard
Gainesville, FL 32653
phone: 386-418-6400; fax: 386-418-6401; email: cschumacher@appliedtm.com

attention: **CHRIS M. SCHUMACHER, P.E.**

Re:

Seepage & Slope Stability Analyses, Fill Berm on Pond 9
Supplement 2 to Report dated March 1, 2011 and titled:
Recommended Aquifer Parameters For Stormwater Management System Design

Waste Management's Vista Landfill (Class III)
(f.k.a. Bishop & Buttrey Keene Road Landfill)
East Keene Road, Apopka, Florida

Dear Mr. Schumacher:

This is not a stand-alone report but Supplement 2 (an addendum) to our March 1, 2011 report with the title stated in the caption. The purpose of this supplement is to:

❶ document a seepage and slope stability analysis for the outboard slope of Stormwater Pond 9, and

❷ provide earthwork recommendations for filling the berm.

The supplement is in specific response to the following CDM review comment:

> For Pond 9, the peak stage in the pond is nearly 8 feet above the grade to the east at the most pronounced depression, and the top-of-berm elevation is approximately 12-feet higher. This gives rise to concerns regarding potential berm failure. Please provide a cross section through this berm that includes dimension and side slope details as well as construction specifications (e.g., compaction). Also, please provide reasonable assurance (e.g., calculations) that the proposed design will function adequately under design conditions (peak stages). More specifically, please provide assurance that this berm will be stable with respect to piping at the outside toe of the berm at this location.

The critical geometric cross-section was created and provided by ATM and it is included in Attachment 1.

A slope stability analysis was performed using the SVSlope software (www.soilvision.com), utilizing the groundwater mound profiles predicted by the PONDS 3.3 Refined Method software at elapsed times of 72 hrs, 240 hours, and 360 hours after the beginning of the 100yr/24hr design storm event. Results of the slope stability analysis (and soil strength parameters used in the analysis) are included in Attachment 2. A minimum factor of safety of 2.36 was calculated at an elapsed time of 360 hours after beginning of the 100yr/24hr design storm event.

Aquifer parameters used in determining the groundwater mound profile are consistent with the recommendations in our March 1, 2011 report:

1. base of aquifer = +69 ft
2. seasonal high water table = +74 ft (refer to Figure 1.1 of our March 1, 2011 report)
3. fillable porosity = 20%
4. Horizontal hydraulic conductivity = 15 ft/day

A printout of the PONDS 3.3 output file is included in Attachment 3.

Berm Fill Guide Specifications

Where the stormwater pond berm is to be constructed above natural grade, the following are the recommended specifications for berm construction.

With the exception of the topsoil, the soils are of a type and consistency suitable for the support of the proposed earthen berms, provided that they are prepared as described hereunder. The following berm construction specifications have been prepared as a guide to the design engineer for the site referenced above. These recommendations should be incorporated into the general project specifications.

1. The berm footprint plus a minimum margin of 3 feet should be cleared, stripped and grubbed to remove all surface vegetation, roots, topsoil and other deleterious materials. Materials generated during this process should be removed from the site and/or stockpiled onsite as directed by the owner/engineer.

2. Within the berm footprint, plus a minimum margin of 3 feet on either side, the resulting cleared surface and the exposed natural soils should be proof rolled to detect unstable conditions such as yielding or pumping soils. Soft areas or excessively wet soils should be excavated, removed, dried and/or replaced with suitable compacted fill, as described below.

3. No construction dewatering is anticipated.

4. The resulting cleared surface should be leveled and then compacted by means of a large self propelled vibratory roller which has a minimum static weight of 12,000 pounds and is capable of exerting a minimum impact energy of 20,000 pounds (i.e., DYNAPAC CA-15 or equivalent) in areas more than 75 feet away from existing structure(s). Within 75 feet of an existing structure(s) and areas where the groundwater table is within 2 feet of the ground surface, compaction should be achieved with a

vibratory roller in the static mode or the use of non-vibratory compaction equipment, such as a heavy rubber tired front end loader. The front end loader should have a minimum bucket size of 3 cubic yards which should remain full during the compaction operation.

5. The compaction efforts should continue until the subsoils within the proposed berm footprint are compacted to a minimum density equivalent to 95 percent of the soils' Maximum Modified Proctor Density value (AASHTO T-180), as tested to a minimum depth of 1 foot below the bottom of the exposed subgrade.

6. Any fill material required to attain finished grade should comprise free-draining fine sands with a minimum remolded hydraulic conductivity of 15 ft/day (maximum of 40 ft/day). The fill soils should be placed in lifts not exceeding 12 inches loose thickness and compacted to the minimum density specified above.

7. The intent of the compaction requirements outlined herein is to provide compacted soils to the top of the berm.

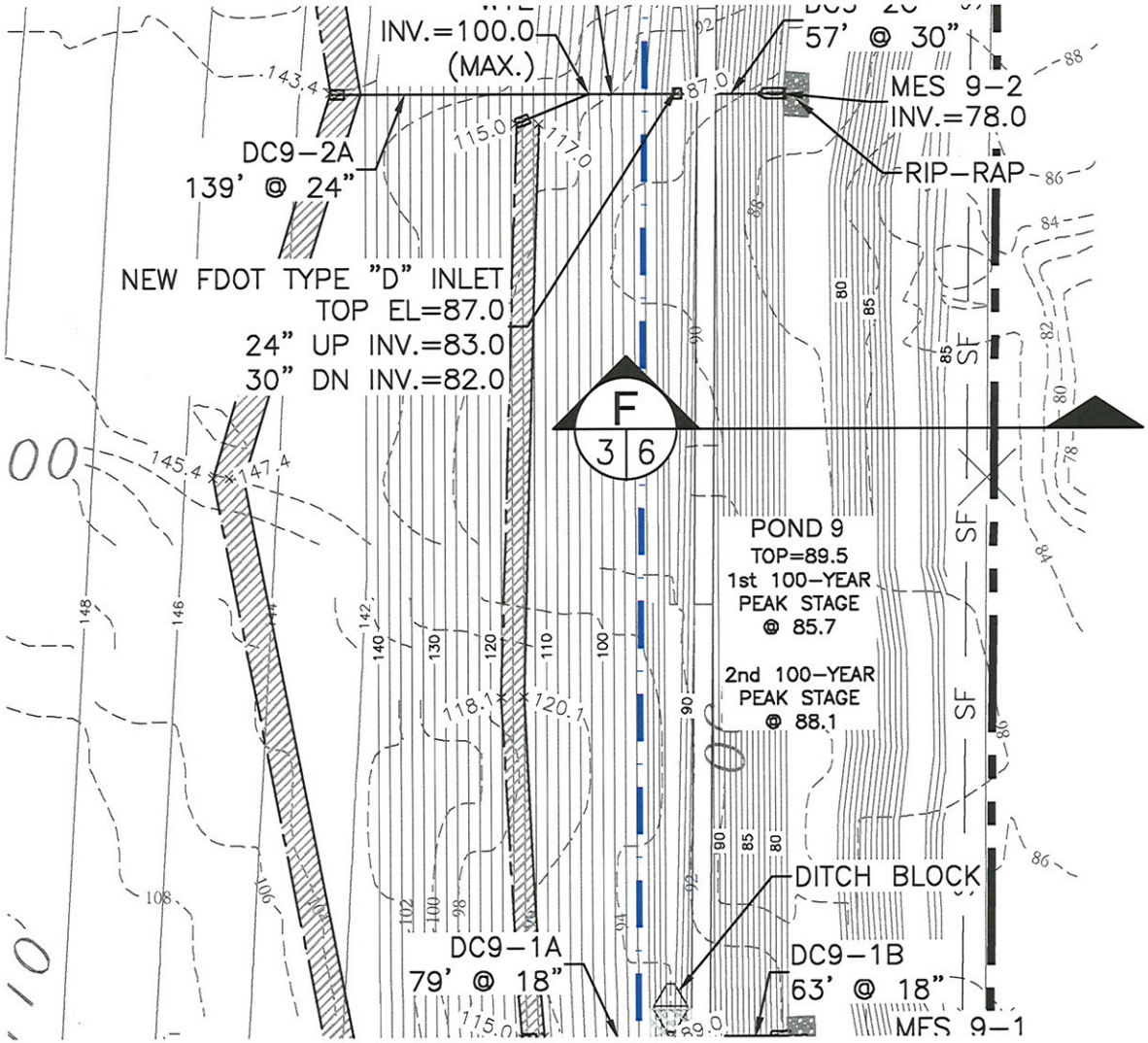
8. A representative of the project geotechnical engineer should be retained to provide on-site inspection and testing during the site preparation activities so that proper documentation and compliance of the recommendations outlined above can be provided.

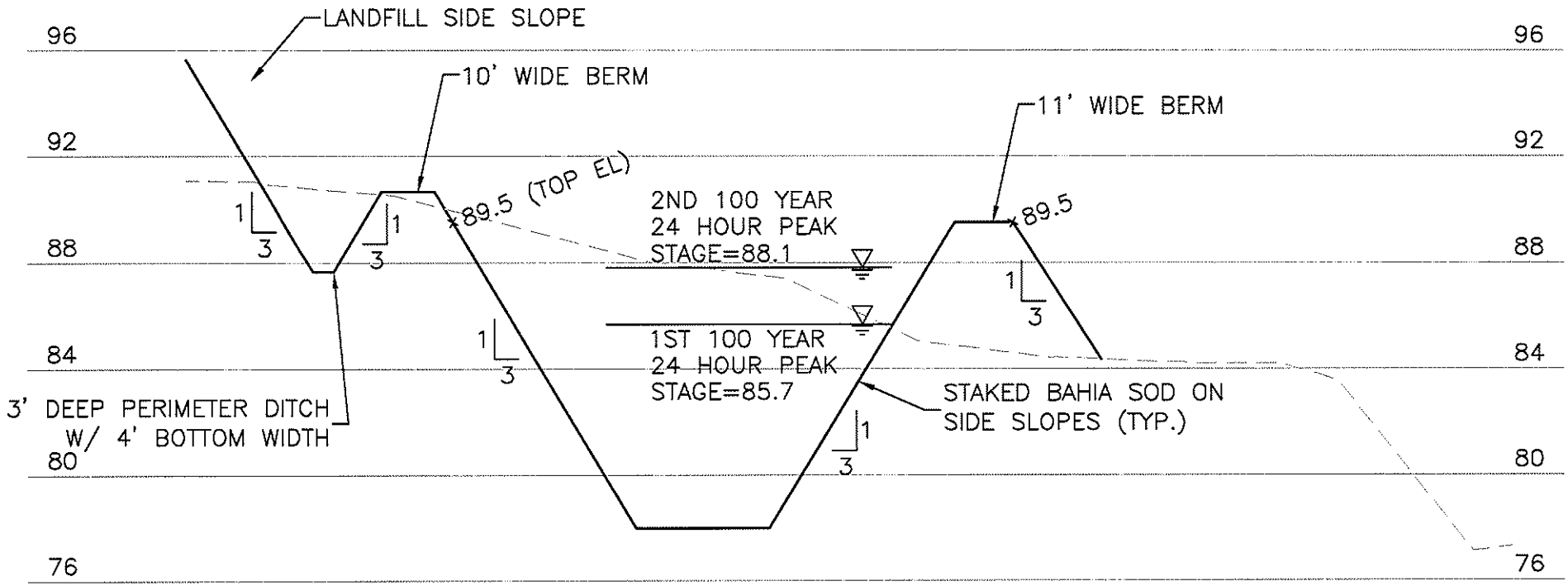
We trust that this information is sufficient to address the Pond 9 berm seepage and stability analysis. Please do not hesitate to contact us if you have any questions regarding the contents of this report.

Devo Seereeram

Devo Seereeram, Ph.D., P.E.
Florida Registration No. 48303
Date: April 4, 2011

ATTACHMENT I
CRITICAL CROSS-SECTION

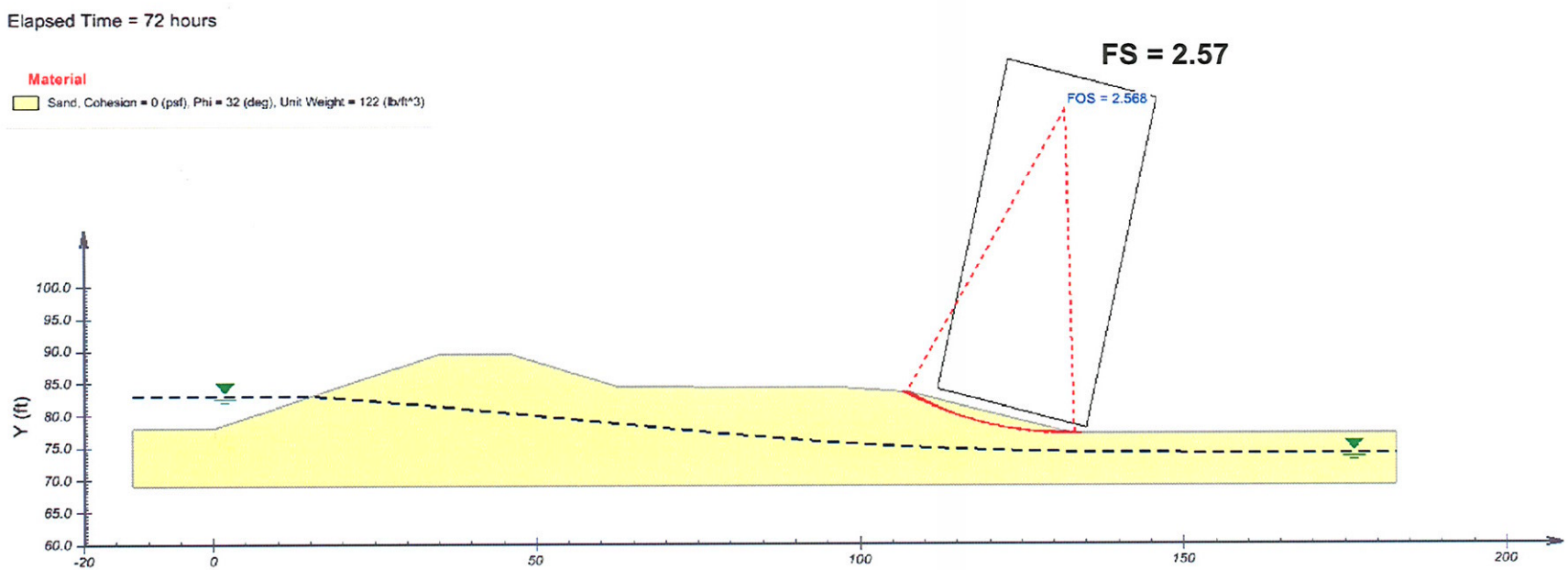

INV.=100.0
(MAX.)
57' @ 30"
MES 9-2
INV.=78.0
RIP-RAP
DC9-2A
139' @ 24"
NEW FDOT TYPE "D" INLET
TOP EL=87.0
24" UP INV.=83.0
30" DN INV.=82.0
F
3 6
POND 9
TOP=89.5
1st 100-YEAR
PEAK STAGE
@ 85.7
2nd 100-YEAR
PEAK STAGE
@ 88.1
DITCH BLOCK
DC9-1A
79' @ 18"
DC9-1B
63' @ 18"
MES 9-1
SF
143.4
115.0
117.0
87.0
145.4
147.4
118.1
120.1
115.0
129.0


LANDFILL SIDE SLOPE
10' WIDE BERM
11' WIDE BERM
96
92
88
84
80
76
89.5 (TOP EL)
89.5
2ND 100 YEAR
24 HOUR PEAK
STAGE=88.1
1ST 100 YEAR
24 HOUR PEAK
STAGE=85.7
3' DEEP PERIMETER DITCH
W/ 4' BOTTOM WIDTH
STAKED BAHIA SOD ON
SIDE SLOPES (TYP.)
1
3

POND 9

F
3 6

ATTACHMENT 2
SLOPE STABILITY ANALYSIS



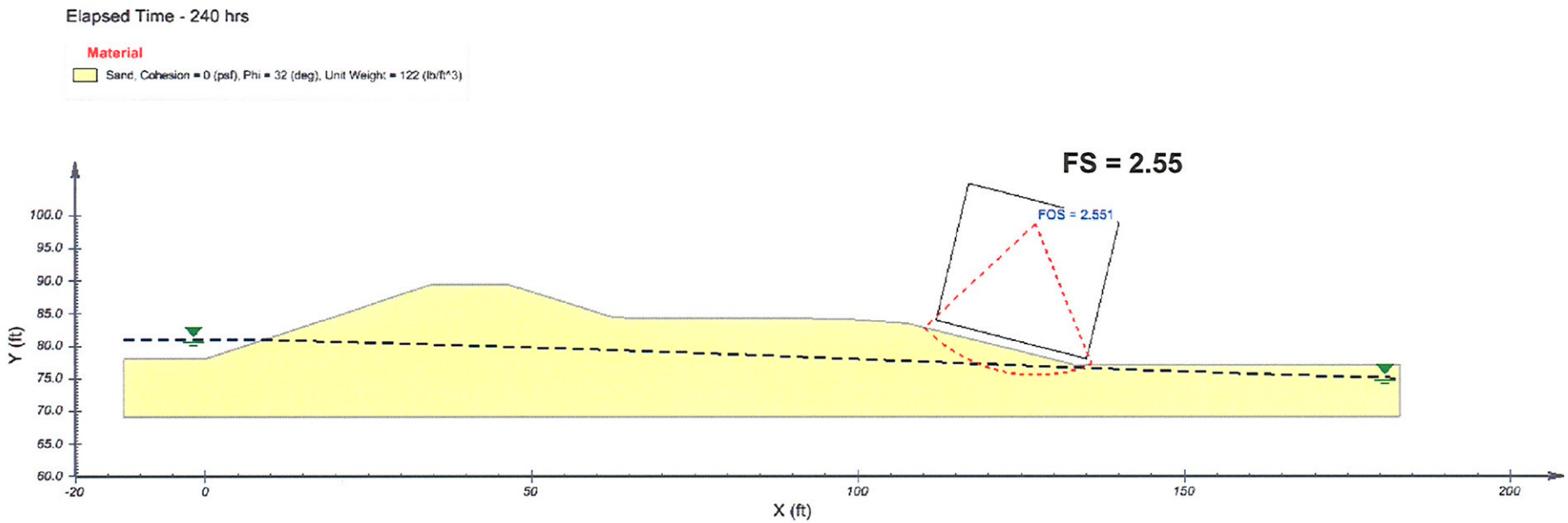
Soil Properties
Unit Weight = 122 pcf
Friction Angle = 32 degrees

DEVO Engineering
CONSULTING GEOTECHNICAL ENGINEERS
5500 Alhambra Drive, Orlando, Florida 32808
Phone: (407)290-2371 Fax: (407)298-9011
E-Mail address: devo@devoeng.com
Website: http:\\www.devoeng.com

Figure Name: Slope Stability at 72 Hrs Elapsed Time For 100yr / 24 hr Storm

Project Name: Vista Landfill Pond 9

Checked & Approved By:	Drawn By:	Date:	Scale:	Project #	
DS	RDC	04-04-2011	NOTED	10-605.01	FIGURE 1



Soil Properties
Unit Weight = 122 pcf
Friction Angle = 32 degrees

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E-Mail address: devo@devoeng.com
Website: http:\\www.devoeng.com

Figure Name: Slope Stability at 240 Hrs Elapsed Time For 100yr / 24 hr Storm

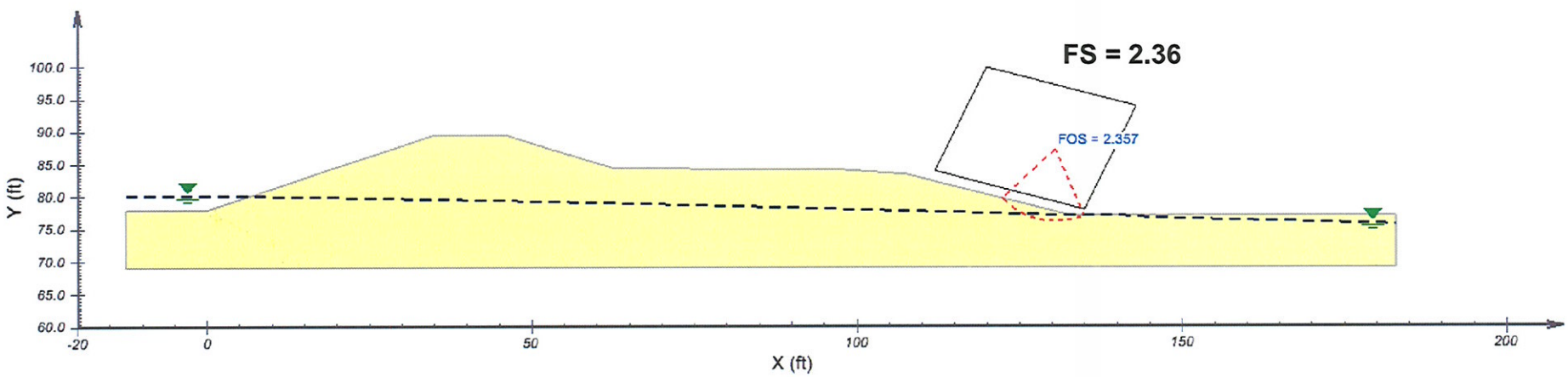
Project Name: Vista Landfill Pond 9

Checked & Approved By:	Drawn By:	Date:	Scale:	Project #	
DS	RDC	04-04-2011	NOTED	10-605.01	FIGURE 2

Elapsed Time = 360 hours

Material

Sand, Cohesion = 0 (psf), Phi = 32 (deg), Unit Weight = 122 (lb/ft^3)



Soil Properties
Unit Weight = 122 pcf
Friction Angle = 32 degrees

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Phone: (407)290-2371 Fax: (407)298-9011
E-Mail address: devo@devoeng.com
Website: http://www.devoeng.com

Figure Name: Slope Stability at 360 Hrs Elapsed Time For 100yr / 24 hr Storm

Project Name: Vista Landfill Pond 9

Checked & Approved By:	Drawn By:	Date:	Scale:	Project #	
DS	RDC	04-04-2011	NOTED	10-605.01	FIGURE 1

ATTACHMENT 3
DATA PRINTOUT FOR PONDS 3.3

PONDS Version 3.3.0239
Retention Pond Recovery - Refined Method
Copyright 2011
Devo Seereeram, Ph.D., P.E.

Project Data

Project Name:	Vista Landfill Redesign
Simulation Description:	Pond 9 - 100 Year / 24 Hour Routing and Recovery Analysis w/ infiltration 1st 100 year storm
Project Number:	10-2141
Engineer :	cms
Supervising Engineer:	cms
Date:	01-06-2011

Aquifer Data

Base Of Aquifer Elevation, [B] (ft datum):	69.00
Water Table Elevation, [WT] (ft datum):	74.00
Horizontal Saturated Hydraulic Conductivity, [Kh] (ft/day):	15.00
Fillable Porosity, [n] (%):	20.00
Unsaturated Vertical Infiltration Rate, [Iv] (ft/day):	5.0
Maximum Area For Unsaturated Infiltration, [Av] (ft^2):	108430.0

Geometry Data

Equivalent Pond Length, [L] (ft):	875.0
Equivalent Pond Width, [W] (ft):	50.0

Ground water mound is expected to intersect the pond bottom

Stage vs Area Data

Stage (ft datum)	Area (ft^2)
78.00	33271.0
79.00	39218.0
80.00	45221.0
81.00	51283.0
82.00	57402.0
83.00	63579.0
84.00	69813.0
85.00	76105.0
86.00	82455.0
87.00	88862.0
88.00	95327.0
89.00	101850.0
90.00	108430.0

Discharge Structures

Discharge Structure #1 is inactive

Discharge Structure #2 is inactive

Discharge Structure #3 is inactive

Scenario Input Data

Scenario 1 :: pond 9 100 year / 24 hour routing with pond 10 overflow

Hydrograph Type: Multi-basin SCS Hydrograph

Modflow Options

Modflow Routing:	Routed with infiltration
Initial Groundwater Table:	default
Initial Pond Stage:	default
Boundary Condition:	default (constant head)
Repetitions:	1

Simulation Parameters

Minimum time of concentration for all contributing basins in chain (minutes):	10
Computational time step (minutes):	.5
Duration of simulation (hours):	360

Contributing Basins

Number of contributing basins: 1

Basin 1

Basin Name	da 9
Basin Area (acres)	11.14
Time Of Concentration (minutes)	10
DCIA (%)	0
Curve Number	98
Design Rainfall Depth (inches)	10.6
Design Rainfall Duration (hours)	24
Shape Factor	UHG 484
Rainfall Distribution	Orange County 100 Year - 24 Hour

Ugradient Inflows

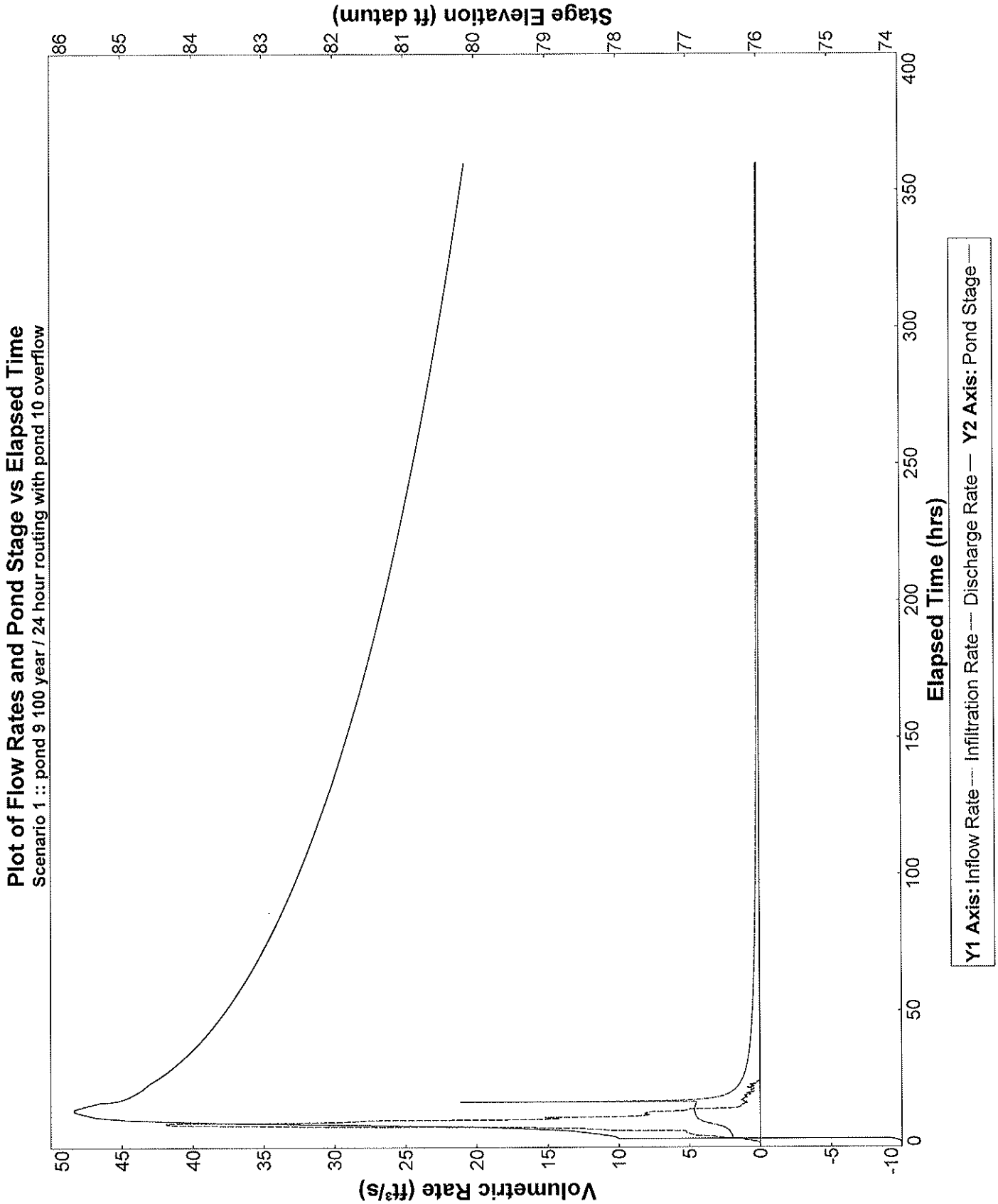
Number of upgradient inflow nodes: 1

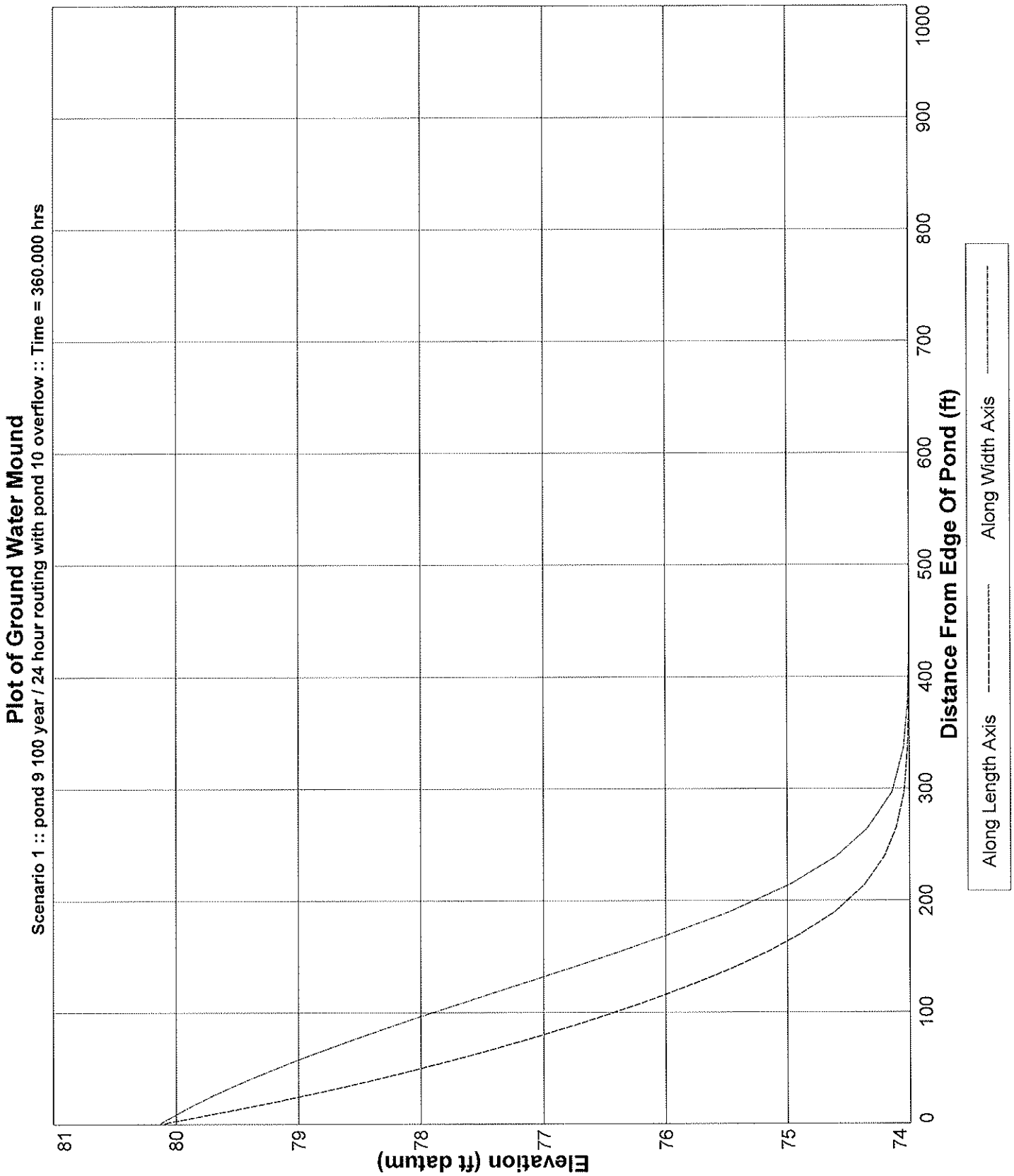
Node 1

Minimum Discharge Rate (cfs):	0
Peak Discharge Rate (cfs):	17.37525
Cumulative Discharge Volume (ft^3):	183122.2

Summary of Results :: *Scenario 1 :: pond 9 100 year / 24 hour routing with pond 10 overflow*

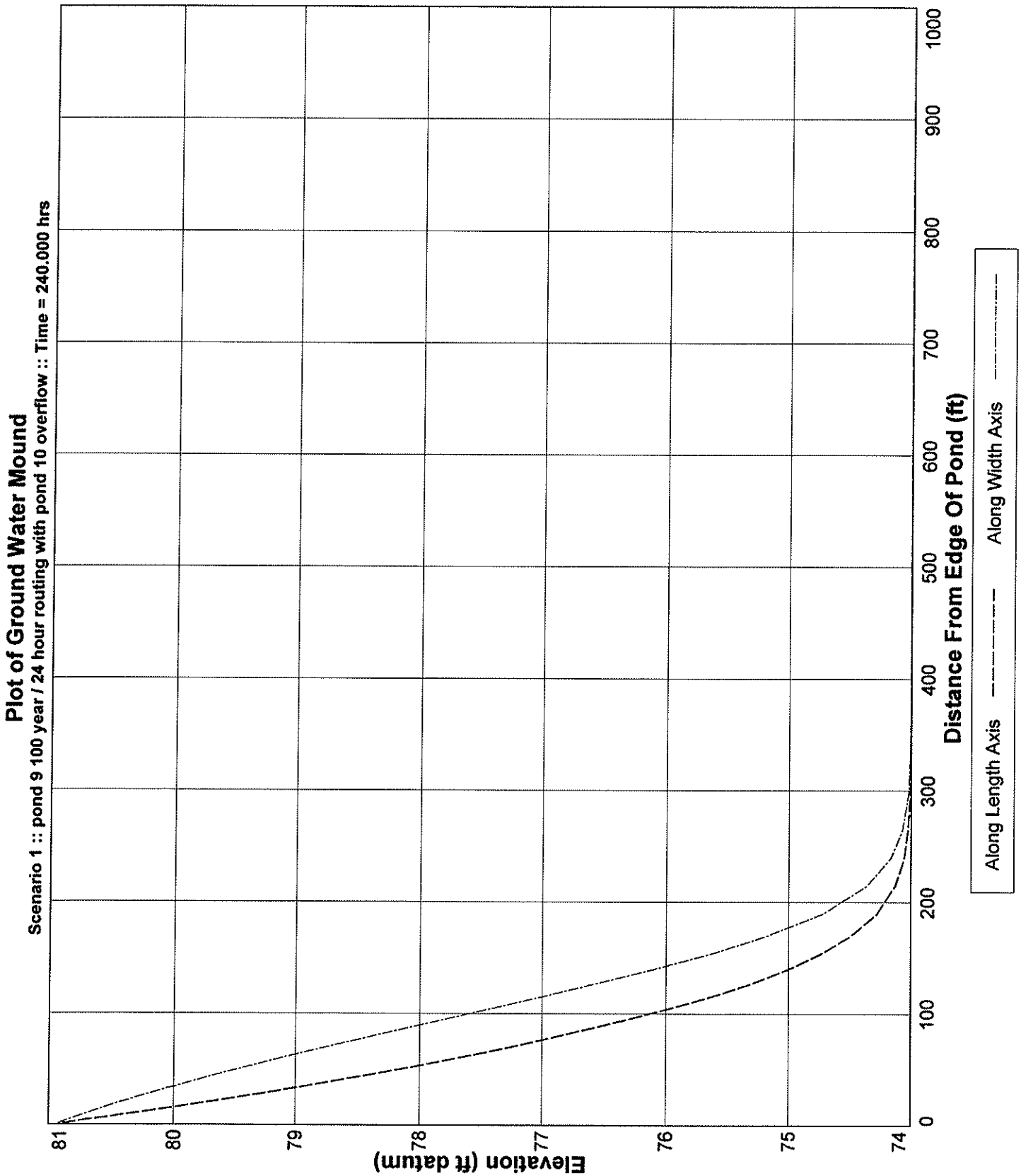
	Time (hours)	Stage (ft datum)	Rate (ft^3/s)	Volume (ft^3)
Stage				
Minimum	0.000	74.00		
Maximum	14.058	85.68		
Inflow				
Rate - Maximum - Positive	9.000		41.9151	
Rate - Maximum - Negative	None		None	
Cumulative Volume - Maximum Positive	24.467			602892.1
Cumulative Volume - Maximum Negative	None			None
Cumulative Volume - End of Simulation	360.000			602892.1
Infiltration				
Rate - Maximum - Positive	16.725		21.1754	
Rate - Maximum - Negative	None		None	
Cumulative Volume - Maximum Positive	360.000			518095.7
Cumulative Volume - Maximum Negative	None			None
Cumulative Volume - End of Simulation	360.000			518095.7
Combined Discharge				
Rate - Maximum - Positive	None		None	
Rate - Maximum - Negative	None		None	
Cumulative Volume - Maximum Positive	None			None
Cumulative Volume - Maximum Negative	None			None
Cumulative Volume - End of Simulation	360.000			0.0
Discharge Structure 1 - inactive				
Rate - Maximum - Positive	disabled		disabled	
Rate - Maximum - Negative	disabled		disabled	
Cumulative Volume - Maximum Positive	disabled			disabled
Cumulative Volume - Maximum Negative	disabled			disabled
Cumulative Volume - End of Simulation	disabled			disabled
Discharge Structure 2 - inactive				
Rate - Maximum - Positive	disabled		disabled	
Rate - Maximum - Negative	disabled		disabled	
Cumulative Volume - Maximum Positive	disabled			disabled
Cumulative Volume - Maximum Negative	disabled			disabled
Cumulative Volume - End of Simulation	disabled			disabled
Discharge Structure 3 - inactive				
Rate - Maximum - Positive	disabled		disabled	
Rate - Maximum - Negative	disabled		disabled	
Cumulative Volume - Maximum Positive	disabled			disabled
Cumulative Volume - Maximum Negative	disabled			disabled
Cumulative Volume - End of Simulation	disabled			disabled
Pollution Abatement:				
36 Hour Stage and Infiltration Volume	N.A.	N.A.		N.A.
72 Hour Stage and Infiltration Volume	N.A.	N.A.		N.A.

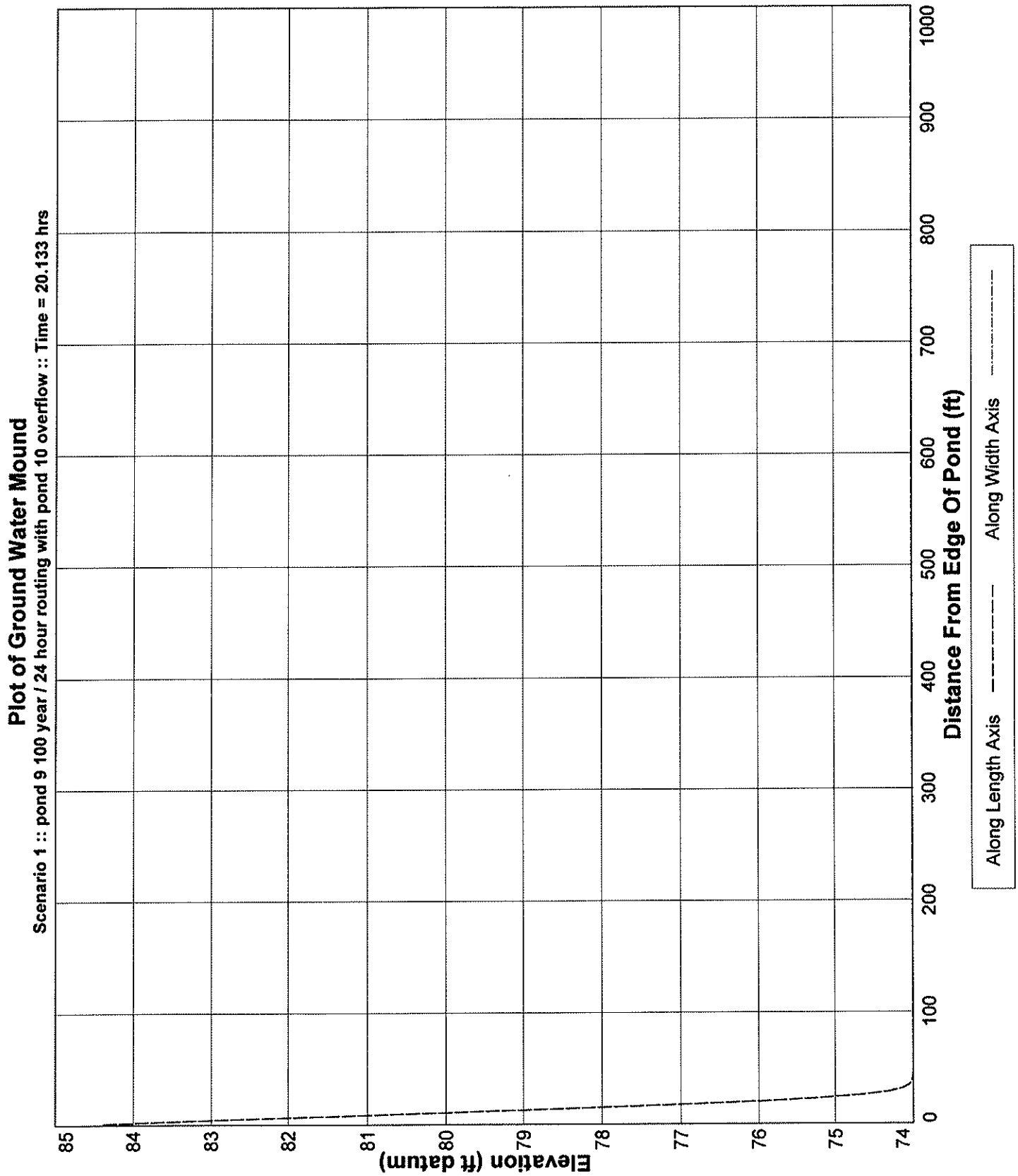

Plot of Flow Rates and Pond Stage vs Elapsed Time
Scenario 1 :: pond 9 100 year / 24 hour routing with pond 10 overflow
Volumetric Rate (ft³/s)
Stage Elevation (ft datum)
Elapsed Time (hrs)
Y1 Axis: Inflow Rate --- Infiltration Rate --- Discharge Rate — Y2 Axis: Pond Stage —

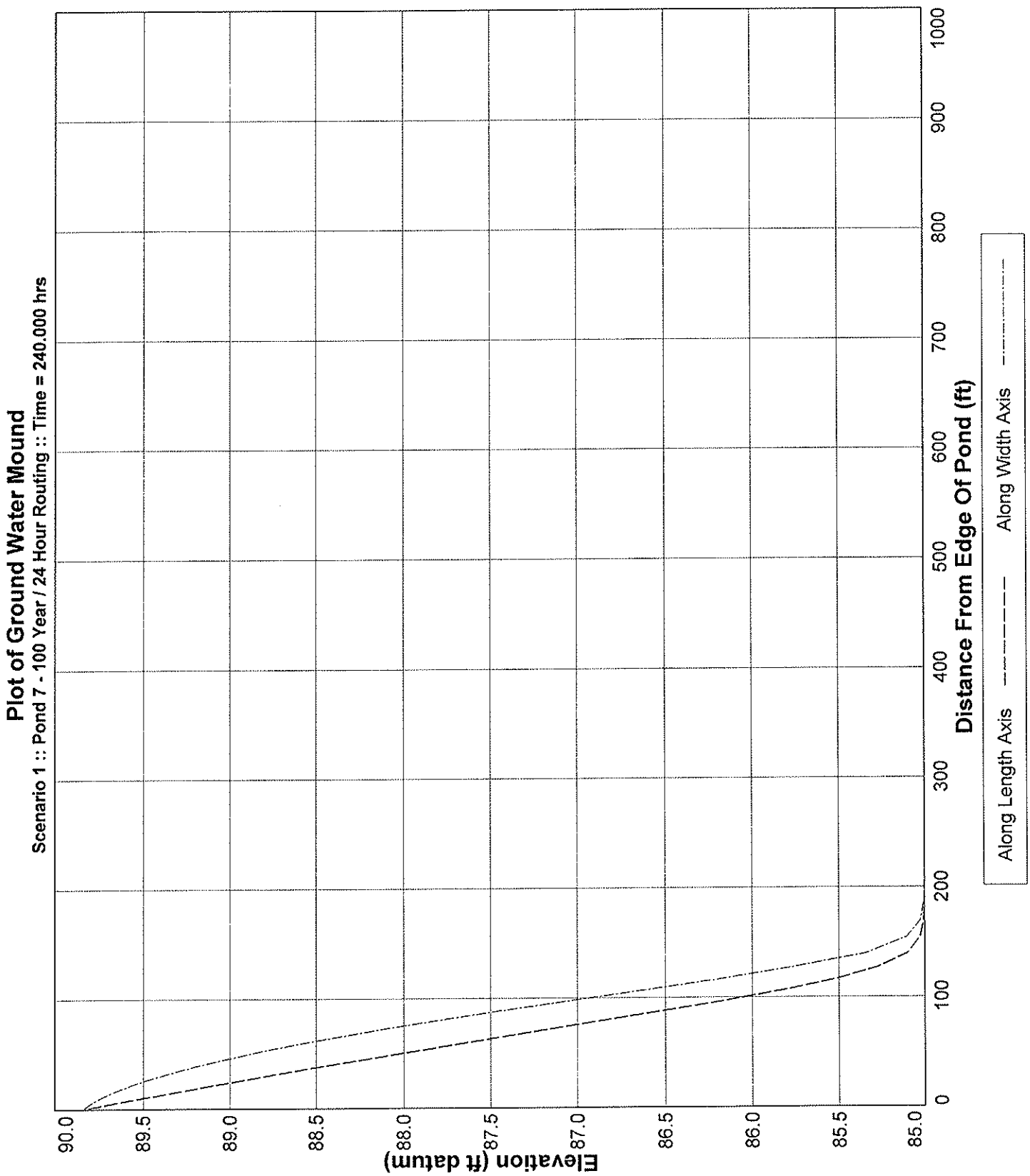

Plot of Ground Water Mound
Scenario 1 :: pond 9 100 year / 24 hour routing with pond 10 overflow :: Time = 360.000 hrs
Elevation (ft datum)
81
80
79
78
77
76
75
74
0
100
200
300
400
500
600
700
800
900
1000
Distance From Edge Of Pond (ft)
Along Length Axis
Along Width Axis

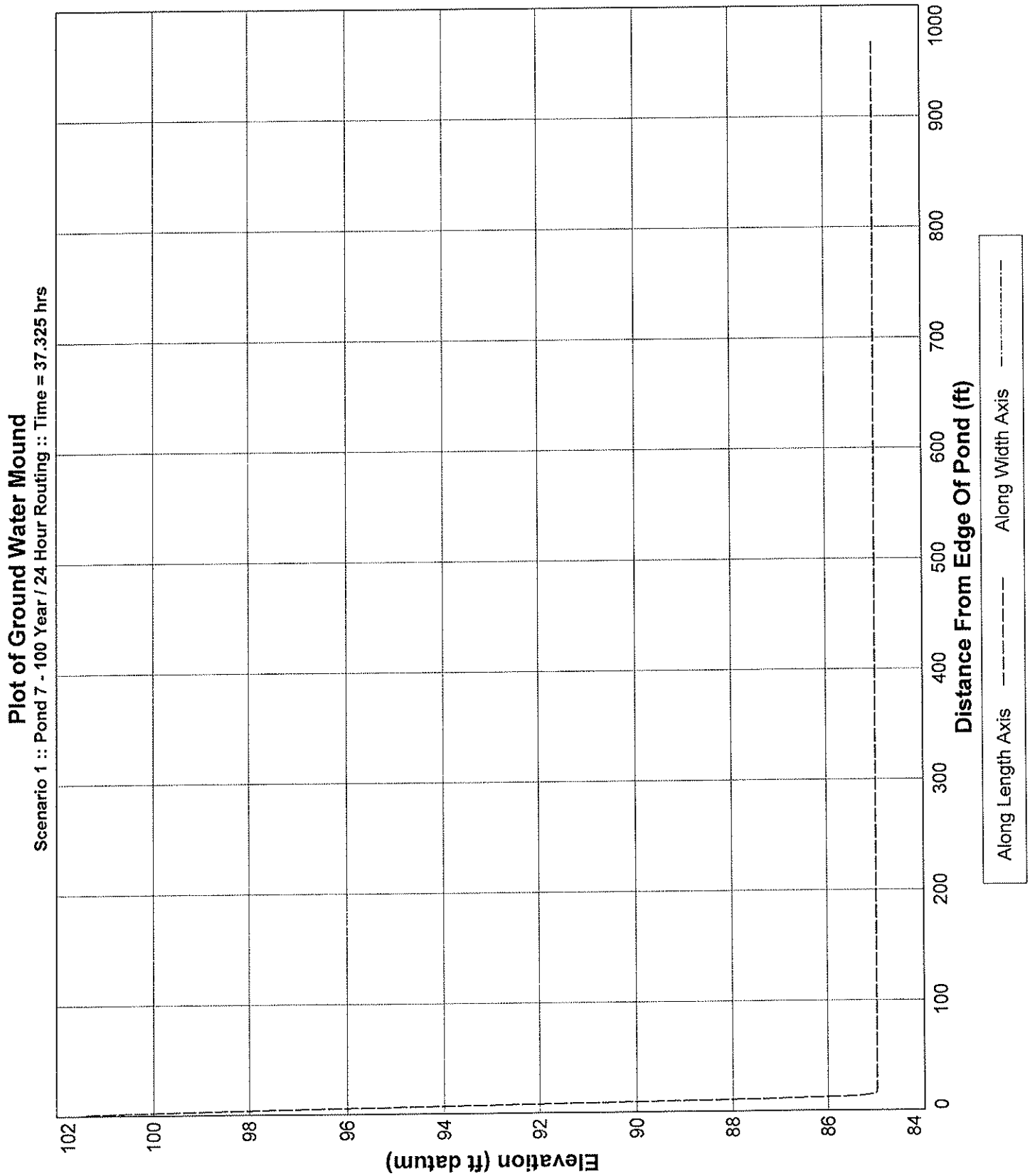
Attachment D

PONDS Output Reports for Ponds 9 and 10 Groundwater Mounds and Cross Section of Landfill and Ponds 9 and 10 Stormwater Mounds


Plot of Ground Water Mound
Scenario 1 :: pond 9 100 year / 24 hour routing with pond 10 overflow :: Time = 240.000 hrs
Elevation (ft datum)
81
80
79
78
77
76
75
74
0
100
200
300
400
500
600
700
800
900
1000
Distance From Edge Of Pond (ft)
Along Length Axis
Along Width Axis


Plot of Ground Water Mound
Scenario 1 :: pond 9 100 year / 24 hour routing with pond 10 overflow :: Time = 20.133 hrs
Elevation (ft datum)
85
84
83
82
81
80
79
78
77
76
75
74
0
100
200
300
400
500
600
700
800
900
1000
Distance From Edge Of Pond (ft)
Along Length Axis
Along Width Axis


Plot of Ground Water Mound
Scenario 1 :: Pond 7 - 100 Year / 24 Hour Routing :: Time = 240.000 hrs
Elevation (ft datum)
90.0
89.5
89.0
88.5
88.0
87.5
87.0
86.5
86.0
85.5
85.0
0
100
200
300
400
500
600
700
800
900
1000
Distance From Edge Of Pond (ft)
Along Length Axis
Along Width Axis


Plot of Ground Water Mound
Scenario 1 :: Pond 7 - 100 Year / 24 Hour Routing :: Time = 37.325 hrs
Elevation (ft datum)
102
100
98
96
94
92
90
88
86
84
0
100
200
300
400
500
600
700
800
900
1000
Distance From Edge Of Pond (ft)
Along Length Axis
Along Width Axis

Attachment E

Uplifting/Buoyancy Calculations
by
Geosyntec

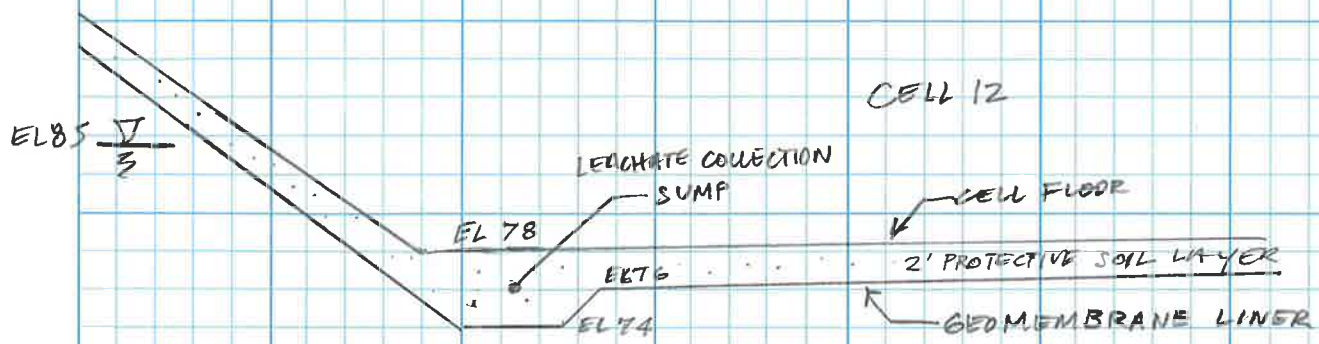
Geosyntec consultants

Page ____ of ____

Written by: _____ Date: ___/___/___ (DD MM YY) Reviewed by: _____ Date: ___/___/___ (DD MM YY)

Client: _____ Project: _____ Project/Proposal No. _____ Task No. _____

UPLIFT CALCS



DOWNWARD PRESSURE DUE TO PROTECTIVE SOIL LAYER AT SUMP

$(78' - 74') \times 110\ pcf = 440\ psf$

(110 pcf: UNIT WEIGHT OF SOIL)

UPWARD PRESSURE AT SUMP DUE TO HIGH WATER TABLE

$(85' - 74') \times 62.4\ pcf = 686.4\ psf$

(62.4 pcf: UNIT WEIGHT OF WATER)

ADDITIONAL DOWNWARD FORCE REQ'D TO COUNTERACT THE UPWARD PRESSURE

$686.4\ psf - 440\ psf = 246.4\ psf$

$\frac{246.4\ psf}{110\ pcf} = 2.24'$ OF ADDITIONAL SOIL IN SUMP AREA TO PREVENT UPLIFT

→ USE AT LEAST 4' OF ADDITIONAL FILL TO PROVIDE ADDED FACTOR OF SAFETY

NOTE! 4' OF SOIL FILL CORRESPONDS TO APPROX 9' OF WASTE FILL WITH A UNIT WEIGHT OF 50 pcf.