

**ENGINEER'S REPORT  
DRAINAGE CALCULATIONS**

**The Place at Marlboro  
Plate 15, Block 148, Lot 31 & Block 149, Lot 16  
Marlboro Township, Monmouth County, NJ**

PREPARED FOR:  
**THE PLACE AT MARLBORO, LLC  
1970 BRUNSWICK AVENUE, SUITE 100  
LAWRENCEVILLE, NJ 08648**

PREPARED BY:



***Taylor Wiseman & Taylor***

**ENGINEERS | SURVEYORS | SCIENTISTS**

124 Gaither Drive, Suite 150  
Mount Laurel, New Jersey 08054  
(856) 235-7200

Project #55291.2000.02

Date: June 30, 2020

**Revised: November 2, 2020**

A handwritten signature in black ink, appearing to read 'Gary Vecchio', is written over a horizontal line. The signature is fluid and cursive.

Gary V. Vecchio, PE

NJ Professional Engineer No. 24GE03689100

Certificate of Authorization No. 24GA28032900

## **TABLE OF CONTENTS**

	<b><u>PAGE NUMBERS</u></b>
REVISIONS	- 1
SITE DESCRIPTION	- 1
EXISTING CONDITIONS	1 - 2
PROPOSED CONDITIONS	- 2
POND DESIGN	3 - 6
SEDIMENT BASIN	- 6
PROPOSED STORM PIPING	- 7
GROUNDWATER RECHARGE	- 7
COMPLIANCE WITH NJDEP SWM REGULATIONS	8 - 9
SUMMARY	- 9

## **LIST OF APPENDICES**

LOCATION MAP (USGS QUAD) SOIL SURVEY MAP (Web Soil Survey)	APPENDIX 1
EXISTING & DEVELOPED DRAINAGE COMPUTATIONS (WQ, 2, 10, 25 & 100-YEAR)	APPENDIX 2
STORMWATER PIPING SYSTEM CALCULATIONS	APPENDIX 3
EMERGENCY SPILLWAY CALCULATIONS	APPENDIX 4
SEDIMENT BASIN CALCULATIONS	APPENDIX 5
LID CHECKLIST	APPENDIX 6
GROUNDWATER RECHARGE/ WATER QUALITY/ AQUA SWIRL INFORMATION	APPENDIX 7
DRAINAGE AREA MAPS	APPENDIX 8
• EXISTING DRAINAGE AREA MAPS	
• PROPOSED DRAINAGE AREA MAP	
• INLET DRAINAGE AREA MAP	

## **SITE DESCRIPTION**

The subject property has an area of ± 21.1-acres and are designated as Block 148, Lot 31 & Block 149, Lot 16 located within the Township of Marlboro, Monmouth County, New Jersey. The site is to be accessed through an existing Harnley Road right-of-way that is connected to Tennent Road (C.R. 3) and borders a residential subdivision to the west and a NJ Transit property to the south, which contains the Henry Hudson Trail and a JCP&L easement. The site is presently vacant and mostly vegetated with woods and brush. The site consists of soils from the hydrological soil groups (HSG) "A/D" and "B".

The soils on site are as follows:

<b>Map Unit Symbol</b>	<b>Map Unit Name</b>	<b>HSG</b>	<b>Depth to SHWT (cm)</b>
DocB	Downer loamy sand, 0 to 5 percent slopes, Northern Coastal Plain	B	< 78
DocC	Downer loamy sand, 5 to 10 percent slopes, Northern Coastal Plain	B	< 78
FrkC	Freehold sandy loam, 5 to 10 percent slopes	B	< 78
FrkD	Freehold sandy loam, 10 to 15 percent slopes	B	< 78
HbmB	Hammonton loamy sand, 0 to 5 percent slopes	B	30
KkgkB	Klej loamy sand, clayey substratum, 0 to 5 percent slopes	A/D	21
SacE	Sassafras sandy loam, 15 to 25 percent slopes	B	72

The proposed development includes the construction of a multi-family apartment complex consisting of driveways, parking lots, sidewalks, landscaping, stormwater management systems and other associated improvements. The increased runoff due to the proposed impervious area in post-developed conditions will be addressed through the construction of a wet pond.

## **EXISTING CONDITIONS**

The watershed in existing conditions includes a contributing acreage of ±28.1 acres. The existing watershed contains three (3) drainage areas. Drainage Area E1 consists of the on-site portion of the property that drains through the site and into an existing inlet located along the Tennent Road known as POA#1. Drainage Area E2-Perv consists of the off-site pervious area that drains through the site and into an existing inlet located along the Tennent Road known as POA#1. Drainage Area E2-Imperv consists of the off-site impervious area that drains through the site and into an existing inlet located along the Tennent Road known as POA#1.

## **PROPOSED CONDITIONS**

The watershed in proposed conditions includes a contributing acreage of ±28.7 acres. The proposed watershed contains four (4) drainage areas. Drainage Area P1-Imperv consists of the impervious areas that drains into the storm piping system, into the Wet Pond, through an outlet structure at a controlled rate, through discharge pipes and into

an existing inlet located along the Tennent Road known as POA#1. Drainage Area P1-Perv consists of the pervious areas that drains into the storm piping system, into the Wet Pond, through an outlet structure at a controlled rate, through discharge pipes and into an existing inlet located along the Tennent Road known as POA#1. Drainage Area P2-Perv consists of the pervious areas that drains through the site (bypassing the pond) and into an existing inlet located along the Tennent Road known as POA#1. Drainage Area P2-Imperv consists of the off-site impervious areas that drains through the site (bypassing the pond) and into an existing inlet located along the Tennent Road known as POA#1.

A summary of the proposed areas, coverage breakdown, weighted CN values, times of concentration and peak flow rates are noted below:

***PROPOSED CONDITIONS***

<b><u>Cover Type</u></b>	<b><u>CN</u></b>	<b><u>Drainage Area P1 Imp (Ac)</u></b>	<b><u>Drainage Area P1 Perv (Ac)</u></b>	<b><u>Drainage Area P2 Imp (Ac)</u></b>	<b><u>Drainage Area P2 Perv (Ac)</u></b>
Impervious	98	9.53		1.12	
Grass (HSG A)	39		0.77		2.98
Grass (HSG B)	61		4.75		2.41
Grass (HSG D)	80		0.35		
Woods (HSG A)	30		0.23		2.72
Woods (HSG B)	55		2.03		1.75
Woods (HSG D)	77				
<b>TOTAL</b>		<b>9.53</b>	<b>8.13</b>	<b>1.12</b>	<b>9.86</b>
<b>Wtd. CN</b>		<b>98</b>	<b>57</b>	<b>98</b>	<b>45</b>
T(c) (hrs.)		0.17	0.17	0.17	0.27

## **POND DESIGN**

The total areas draining to the proposed wet pond are Areas P1-Perv and P1-Imperv. This area includes a majority of the disturbed area of the site.

The wet pond has been designed to meet the NJDEP regulations for water quality and quantity. Routing calculations for basin routings were performed utilizing the NRCS Method (TR-55 Method).

The allowable peak flow rate to POA#1 was calculated by multiplying difference of the routed existing peak flow rate E1 and the peak flow rate from Area E2 by the reduction factors of 50, 75% and 80% for the 2-year, 10-year and 100-year respectively and are as follows:

<b>ALLOWABLE FLOW CALCULATIONS POA #1</b>				
	<b>Peak Flow Rate (cfs)</b>			
	<b>2 Year</b>	<b>10 Year</b>	<b>25 Year</b>	<b>100 Year</b>
Drainage Area E1	0.86	8.11	16.91	37.00
Drainage Area E2 Pervious	0.16	3.25	8.04	20.14
Drainage Area E2 Impervious	3.17	4.89	6.12	8.40
E1 Reduction Factor	50%	75%	100%	80%
Drainage Area E1 Reduced	0.43	6.08	16.91	29.60
<b>ALLOWABLE FLOW TO POA#1</b>	<b>3.76</b>	<b>14.22</b>	<b>31.07</b>	<b>58.14</b>
<b>PROPOSED TOTAL FLOW TO POA#1</b>	<b>3.15</b>	<b>5.59</b>	<b>16.04</b>	<b>52.66</b>
<b>Difference (less than allowable)</b>	<b>-0.61</b>	<b>-8.63</b>	<b>-15.03</b>	<b>-5.48</b>

<b><u>SUMMARY OF BASIN INFLOW DRAINAGE AREA</u></b>			
	Total Area (ac)	Imperv. Area (ac)	CN
Drainage Area P1	17.660	9.527	79

## Pond Water Quality and Wet Pond Requirements -

In order to comply with the NJDEP Stormwater Management (SWM) regulations regarding water quality standards and wet pond design, several criteria must be met. The criteria and our responses are as follows:

The minimum drainage area to a wet pond must be 20 acres. Since the drainage area to the proposed Wet Pond (P1) is 17.66 acres, a well will be utilized and the ponds shall be lined with clay to maintain the normal pool elevation of 109.00.

The permanent pool volume must be three times the NJDEP water quality storm volume in order to achieve a TSS Removal Rate of at least 80%. The volume calculation is as follows:

NORMAL POOL SURFACE VOLUME =	2.906	AC-FT
WATER QUALITY RUNOFF VOLUME =	0.821	AC-FT
NORM POOL/WQ VOLUME RATIO =	3.54	3, min.

It is recommended that the mean depth of the permanent pool (storage volume/permanent pool area) be between 3 and 6 feet. The calculations for this requirement are as follows:

	<b>POND</b>
Storage Volume (cuft) =	2.906
Pool Surface Area (ac) =	0.731
Storage Volume / Pool Surface Area = (feet of depth)	3.98

The normal pool area must be at least 0.25 acres. The permanent pool area for the pond is 0.731 acres.

2 safety ledges are proposed. One must be between 1 and 1.5 feet above the permanent pool elevation. The second one must be located approximately 2.5 feet below the permanent pool level. All ledges must be between 4 and 6 feet in width. The pond is equipped with four (4) foot wide safety ledges meeting this requirement.

It is recommended that an aerator be utilized to keep the pond from becoming stagnant. We chose to use two (2) Kasco 2400 AF pond aerators (or approved equal) that can aerate a 5' to 8' deep pond and an area of 0.5-acres (each) which will suffice a pool area of 0.64-acres.

**Pond Discharge -**

The outlet structure consists of two (2) 36" weir's at elevation 112.25. The 2.5-inch orifice invert is set at the elevation of the normal pool of the pond (Elev.=109.00). A 6" C-10 Canal Gate valve is proposed at the bottom of the basin (Elev.=103.00) to drain the pond for maintenance purposes. A proposed 30" discharge pipe will discharge to the existing drainage system on Tennent Road. This pipe design and others are shown in Appendix 3. Outlet control computations can be found in Appendix 2 of this report.

**Pond Storage -**

Based on the basin outline as shown on the plans, the following Elevation vs. Storage values can be generated. The storage volumes for water quantity are as follows:

**Pond Volume**

Elevation (ft)	Contour Area (sf)	A1+A2+sqr (A1*A2) (sf)	Incremental Volume (cf)	Volume Sum (cf)	Volume Sum (ac-ft)
103.00	11,737	0	0	0	0.000
104.00	14,123	38,735	12,912	12,912	0.296
105.00	16,656	46,116	15,372	28,284	0.649
106.00	19,341	53,945	17,982	46,266	1.062
106.50	20,696	60,044	10,007	56,273	1.292
106.50	24,497	67,709	2	56,275	1.292
107.00	25,936	75,639	12,604	68,879	1.581
108.00	28,855	82,148	27,383	96,262	2.210
<b>109.00</b>	<b>31,830</b>	<b>90,991</b>	<b>30,330</b>	<b>126,592</b>	<b>2.906</b>
110.00	34,863	100,005	33,335	159,927	3.671
110.00	38,993	110,726	37	159,964	3.672
111.00	42,158	121,696	40,525	200,489	4.603
112.00	45,378	131,274	43,758	244,247	5.607
113.00	48,655	141,021	47,007	291,254	6.686
114.00	51,989	150,938	50,313	341,566	7.841
115.00	55,380	161,027	53,676	395,242	9.074
116.00	58,826	171,283	57,094	452,336	10.384



### ***Pond Routing -***

The water quality, 2, 10, 25 and 100-year developed inflow hydrographs are routed through the outlet structure and are listed within Appendix 2.

### ***Pond Spillway -***

The emergency spillway is designed to safely pass the 100-year peak inflow rate while maintaining one-foot of freeboard. The proposed emergency spillway crest elevation is 114.00' and the top of berm elevation is 116.00'. The required width of the spillway for a flow height of 1.00-foot is 44-feet while 75-feet have been provided. Since the calculated velocity through the spillway is 1.88 feet per second, the spillway will be stable if vegetated. Emergency spillway calculations are shown within Appendix 4.

### **BASIN SUMMARY -**

	<b>Storm Frequency</b>			
	<b><u>2-year</u></b>	<b><u>10-year</u></b>	<b><u>25-year</u></b>	<b><u>100-year</u></b>
Peak Inflow (cfs)*	26.29	46.59	62.61	93.94
Peak Outflow (cfs)*	0.27	3.41	11.13	36.39
Maximum Water Elevation (ft)	111.78	112.54	112.93	113.77
Peak Storage (ac-ft)	2.478	3.279	3.703	4.664

### **SEDIMENT BASIN**

The Wet Pond will act as a sediment basin with the 2.5-inch orifice plugged. The minimum required volume for the sediment basin is 2.915 acre-feet. The volume below weir elevation of 112.25 is 2.970 acre-feet. See Appendix 5 for the sediment basin calculations.

### **PROPOSED STORM PIPING**

The proposed storm sewer system collects the runoff from the roofs, lawns, driveways, sidewalks, cul-de-sac & inlets and discharges into the proposed basin. The pipes are designed for a 25-year storm frequency with the exception of the basin discharge pipes and the last run into the basin, which are designed to handle the 100-year storm frequency. We have also designed the storm pipe to convey runoff from storm flows at junction points are calculated based on the accumulated area and times of concentration. Roof drain areas and runoff have been incorporated into the downstream inlet for pipe sizing. The roof drain sizes and slopes comply with the National Plumbing Code and the UCC rainfall rate of five in/hr. **Appendix 3 shows the area calculations and storm sewer design spreadsheet.**

## **GROUNDWATER RECHARGE**

NJDEP Groundwater Recharge Requirements were met for this project by utilizing two (2) Underground Recharge areas located on either side of the basin. Each recharge area handles one-half of the total post-development annual recharge deficit. These areas consist of six (6) rows of 69 L.F. of 24" Perforated HDPE pipe with two (2) 25.50 L.F. 24" perforated HDPE header pipes at invert elevation 111.50' in a stone filled trench 28.50' wide by 72' long and 4' deep of stone. The system is designed to contain and infiltrate the entire water quality storm with the implementation of a wall in the downstream inlet to hold back the water. The 24" perforated HDPE pipes will only fill up to the wall invert elevation 113.00 and then spill over, which at that point, the entire deficit volume will be recharged. Once the water quality storm is topped, the system has a bypass in the upstream inlet to divert the large storm frequencies directly to the wet pond. The bypass pipe invert elevation is set to the crown of the recharge diversion pipe network. Both recharge systems are identical in shape, size and elevation.

The New Jersey Groundwater Recharge Worksheet was utilized to demonstrate that the site and its stormwater management measures has maintained 100 percent of the average annual pre-construction groundwater recharge volume for the site. The sum of the two (2) chambers recharge 465,432 cubic feet which exceeds the required recharge deficit of 464,518 cubic feet. The Groundwater Recharge Worksheets for both systems can be found in Appendix 7 of this report. The rainfall deficit for the entire site was calculated and a portion of the overall deficit water entered into each of the two (2) recharge systems. The percentage of rainfall deficit used is equal to the impervious area to the system divided by the sum of the impervious areas to all of the systems.

Test Pits were performed by Underwood Engineering, Inc. in the areas of the underground storage systems to determine soil types and elevations of the seasonal high-water table (SHWT). The following chart demonstrates 2-foot separation between SHWT and the bottom of the underground storage systems (UGS):

<b>UGS#</b>	<b>TP#</b>	<b>Surveyed Ex. TP Elevation</b>	<b>SHWT Depth (FT)</b>	<b>SHWT Elev..</b>	<b>Separation Dist. (FT)</b>
1	7	111.91	9.33	102.58	7.92
2	9	115.75	11.33	104.42	6.08

## COMPLIANCE WITH NJDEP STORMWATER MANAGEMENT REGULATIONS

In accordance with the Stormwater Management Regulations adopted by the NJDEP on February 2, 2004 and last amended on April 19, 2010, there are three major analyses that were conducted for the project site:

1. Groundwater Recharge
2. Stormwater Runoff Quantity
3. Stormwater Runoff Quality

**1. Groundwater Recharge** is addressed at NJAC 7:8-5.4(a). Specifically, paragraph 2.i.(1) states “the site and its stormwater management measures maintain 100 percent of the average annual pre-construction groundwater recharge volume for the site” is to be infiltrated.

The New Jersey Groundwater Recharge Worksheet was utilized to demonstrate that the site and its stormwater management measures has maintain 100 percent of the average annual pre-construction groundwater recharge volume for the site. The Groundwater Recharge Worksheet can be found in Appendix 7 of this report.

**2. The second analysis involves Runoff Quantity**, which is addressed at N.J.A.C.7:8-5.4(a)3. For this project, sub-paragraph iii is the applicable standard. It states that the stormwater management measures are to be designed “so that the post-construction peak runoff rates for the 2, 10 and 100-year storm events are 50, 75 and 80%, respectively, of the pre-construction peak runoff rates. These percentages apply only to the post-construction stormwater runoff that is attributable to the portion of the site on which the proposed development or project is to be constructed.”

The table below indicates that the total developed peak flow rates that will discharge to the existing watershed are less than the allowable peak flow rates after factoring in the required reductions explained above have been met.

<b>ALLOWABLE FLOW CALCULATIONS POA #1</b>				
	<b>Peak Flow Rate (cfs)</b>			
	<b>2 Year</b>	<b>10 Year</b>	<b>25 Year</b>	<b>100 Year</b>
Drainage Area E1	0.86	8.11	16.91	37.00
Drainage Area E2 Pervious	0.16	3.25	8.04	20.14
Drainage Area E2 Impervious	3.17	4.89	6.12	8.40
E1 Reduction Factor	50%	75%	100%	80%
Drainage Area E1 Reduced	0.43	6.08	16.91	29.60
<b>ALLOWABLE FLOW TO POA#1</b>	<b>3.76</b>	<b>14.22</b>	<b>31.07</b>	<b>58.14</b>
<b>PROPOSED TOTAL FLOW TO POA#1</b>	<b>3.15</b>	<b>5.59</b>	<b>16.04</b>	<b>52.66</b>
<b>Difference (less than allowable)</b>	<b>-0.61</b>	<b>-8.63</b>	<b>-15.03</b>	<b>-5.48</b>

3. The last analysis is to verify that the design meets the **Stormwater Runoff Quality** standards, which are addressed at N.J.A.C. 7:8-5.5. The regulations state that the post-construction load of Total Suspended Solids (TSS) in stormwater runoff generated from the water quality design storm must remove 80% of the anticipated load from the developed site, expressed as an annual average.

Figure 9.11-2 in the BMP Manual indicates that a wet pond with a permanent pool volume to stormwater quality storm runoff volume ratio of 3 will provide a TSS removal rate of 80%. The volume ratio for the proposed Wet Pond is 3.54 therefore, water quality storm requirement has been met.

**SUMMARY**

Based on the above analyses, the stormwater management measures designed for this proposed development meet the requirements of the NJDEP Stormwater Management regulations at NJAC 7:8.

Below is summary of the pond.

<b><u>SUMMARY OF BASIN INFLOW DRAINAGE AREA</u></b>			
	Total Area (ac)	Imperv. Area (ac)	CN
Drainage Area P1	17.660	9.527	79

**BASIN SUMMARY -**

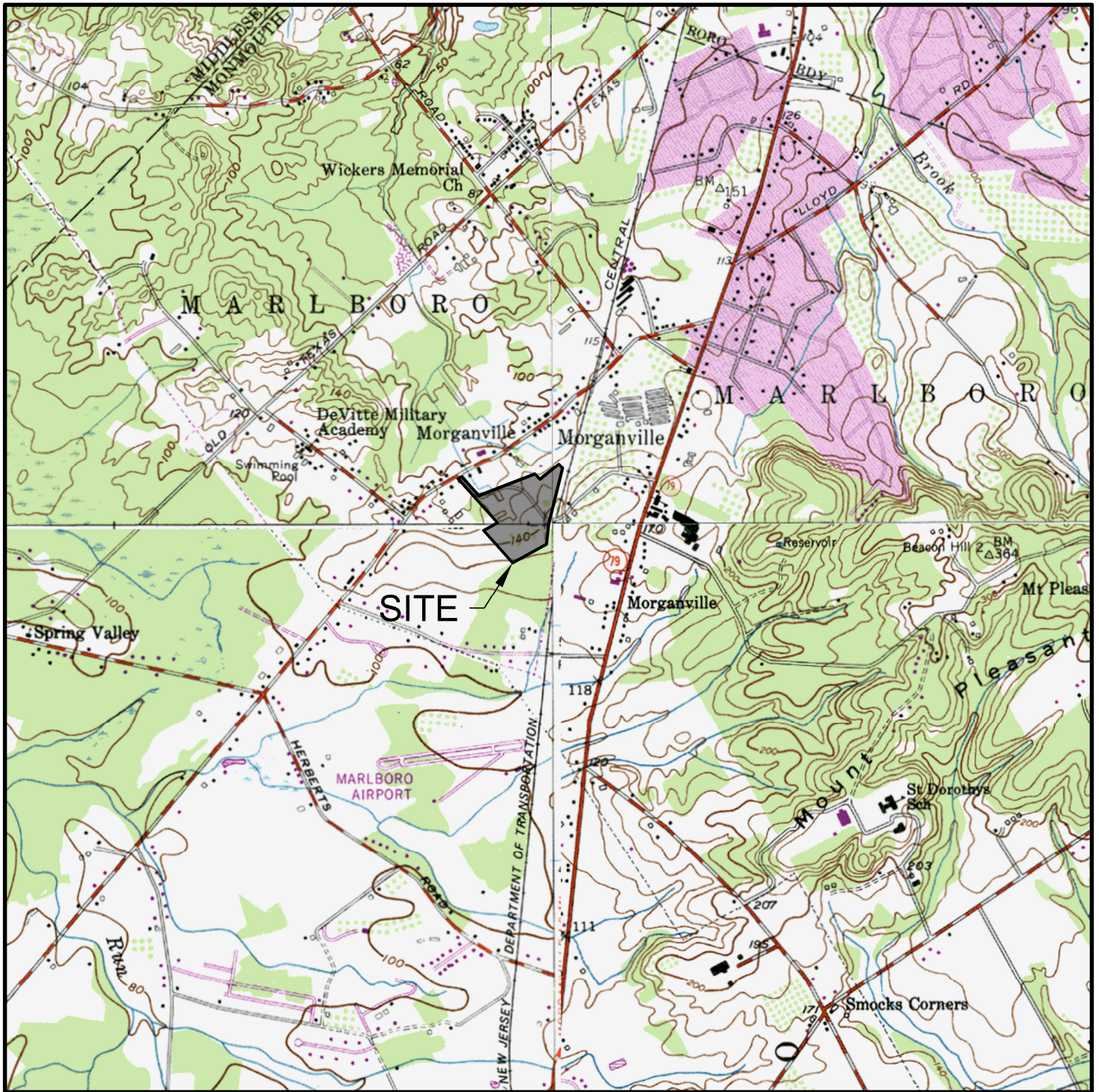
Top of Berm =	116.00
Crest of 75-foot Emergency Spillway =	114.00
Top of Outlet Structure Elev. =	113.80
36" Wide Weir Invert =	112.25
36" Wide Weir Invert =	112.25
2.5" Orifice Invert =	109.00
Invert of Pond, 6" Orifice & Canal Gate=	103.00
30" RCP Invert =	106.00

**BASIN SUMMARY -**

	<b>Storm Frequency</b>			
	<b><u>2-year</u></b>	<b><u>10-year</u></b>	<b><u>25-year</u></b>	<b><u>100-year</u></b>
Peak Inflow (cfs)*	26.29	46.59	62.61	93.94
Peak Outflow (cfs)*	0.27	3.41	11.13	36.39
Maximum Water Elevation (ft)	111.78	112.54	112.93	113.77
Peak Storage (ac-ft)	2.478	3.279	3.703	4.664

## APPENDIX 1





SOURCE: USGS NJ QUAD SHEETS  
 MARLBORO  
 SOUTH AMBOY  
 FREEHOLD  
 KEYPORT

# USGS QUAD MAP

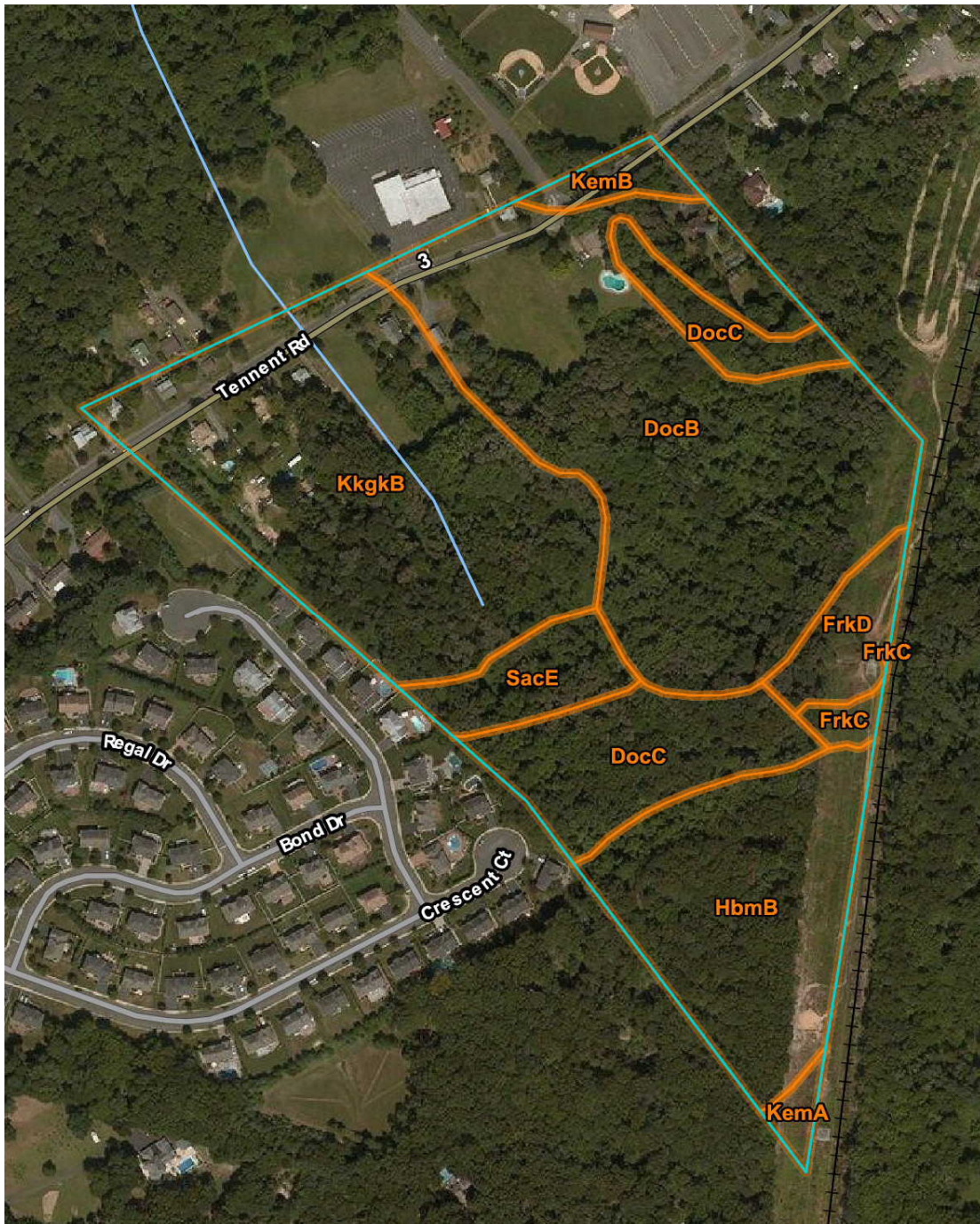
SCALE: 1"=2,000'

THE PLACE AT MARLBORO  
 BLOCK 148, LOT 31  
 & BLOCK 149, LOT 16

MARLBORO TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY







Map Unit Symbol	Map Unit Name	HSG
DocB	Downer loamy sand, 0 to 5 percent slopes, Northern Coastal Plain	B
DocC	Downer loamy sand, 5 to 10 percent slopes, Northern Coastal Plain	B
FrkC	Freehold sandy loam, 5 to 10 percent slopes	B
FrkD	Freehold sandy loam, 10 to 15 percent slopes	B
HbmB	Hammonton loamy sand, 0 to 5 percent slopes	B
KemB	Keyport sandy loam, 2 to 5 percent slopes	D
KkgkB	Klej loamy sand, clayey substratum, 0 to 5 percent slopes	A/D
SacE	Sassafras sandy loam, 15 to 25 percent slopes	B

**WEB SOIL SURVEY**  
 THE PLACE AT MARLBORO  
 BLOCK 148, LOT 31 & BLOCK 149, LOT 16  
 MARLBORO TOWNSHIP  
 MONMOUTH COUNTY, NJ



**UNDERWOOD ENGINEERING COMPANY**

143 HARDING AVE.  
BELLMAWR, NJ 08031

856-933-1818

Fax 856-933-3123

William R. Underwood, P. E.

---

CLIENT: TAYLOR WISEMAN & TAYLOR  
124 Gaither Road, Suite 150  
Mt. Laurel, NJ 08054

PROJECT: Marlboro Blu Tract  
Tennant Road  
Marlboro, NJ

REQUIREMENT: Professional Engineering Services

LOCATION: Infiltration Basins/Underground Storage

DATE: 1/17/2017

UE REF. NO.: 4162-10631-1

ATTENTION: Gary Vecchio Email: Vecchio@taylorwiseman.com  
Michael McIntyre McIntyre@taylorwiseman.com

---

**PURPOSE**

The purpose of this report is to present the findings and conclusions of the field investigation performed at the above-referenced site on Friday, January 12 & 13, 2016. This investigation was conducted to determine field infiltration rates of soils. It is our understanding that the data presented in this report will be used in the design of required stormwater features or underground storage for this project.

**INVESTIGATION**

Eighteen (18) test pits were excavated using a rubber-tire backhoe operated by Paetzold Construction in locations specified by the client.

Soils were logged in with respect to color, type, depth to estimated seasonal high water table (ESHWT), if encountered, and depth to groundwater (GW), if encountered.

Infiltration rates were determined using a double-ring infiltrometer in accordance with ASTM D-3385.

**FINDINGS**

DRI tests and test pits were performed in areas specified by the client for proposed stormwater basin or underground storage locations, noted as locations TP-1 through TP-18.

Results of the permeability testing are provided in the tables below:

Test #	Test Depth (in)	Soil Classification*	Infiltration Rate (in./hr.)
TP-1	50	Yellowish-Brown m.f. Sand, (l) Silt	12.0
TP-2	60	Brown/Reddish-Yellow Silty Clay, (l) m.f. Sand	0.0
TP-3	50	Yellow Silty Clay, (l) m.f. Sand	0.0
TP-4	36	Yellow c.f. Sand, (s) Silt, (tr) Clay	3.5
TP-5	54	Yellowish-Brown Silty Clay, (tr) f. Sand	0.0
TP-6	36	Light Yellowish-Brown Silty Clay, (tr) f. Sand	0.0
TP-7	45	Brown Silty Clay, (tr-l) m.f. Sand	0.0
TP-8	50	Gray/Yellow Clayey Silt, (l) m.f. Sand	0.25
TP-9	15	Brown m.f. Sand, (l-s) Silt	8.0
TP-10	32	Brown Silty Clay, (tr) f. Sand	0.0
TP-11	16	Light Yellowish-Brown m.f. Sand, (s) Silt	3.25
TP-12	50	Very Pale Brown/Light Brown m.f. Sand, (l) Silt	16.0
TP-13	60	Very Pale Brown m.f. Sand, (l) Brown Clay inclusions	18.0
TP-14	30	Light Brown c.f. Sand, (l) Silt	12.0
TP-15	34	Greenish-Brown c.f. Sand, (s) Silt, (tr) Clay	2.0
TP-16	30	Brown/Reddish-Yellow Silty Clay, (l) m.f. Sand	0.0
TP-17	30	Light Gray Silty Clay, (l) f. Sand	0.0
TP-18	24	Light Yellowish-Brown m.f. Sand, (s) Silty Clay	1.25

Soil profile logs for the test locations are provided below:

**Test Pit # 1**

**Elev: 129.35**

Depth (in.)

Field Soil Classification

0-4

Topsoil

4-64

Yellowish-Brown m.f. Sand, (l) Silt

64-95

Very Pale Brown/Reddish-Yellow Silty Clay, (s) m.f. Sand

95-125

Blue-Gray Silty Clay, (l) m.f. Sand

125-134

White m.f. Sand, (l) Silt with faint Yellow mottles

DRI Test conducted at 50"

ESHWT encountered at 125"

GW not encountered

**Test Pit # 2                      Elev: 123.40**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-4	Topsoil
4-24	Yellowish-Brown m.f. Sand, (a) Silt, (tr) Clay
24-69	Brown/Reddish-Yellow Silty Clay, (l) m.f. Sand
69-98	White m.f. Sand, (tr) Silt
98-110	Gray Silty Clay, (s) m.f. Sand
110-120	Brown Clay with red mottles
120-130	Black Silty Clay, (tr) f. Sand

DRI Test conducted at 60"

ESHWT encountered at 110"

GW not encountered

**Test Pit # 3                      Elev: 117.05**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-2	Topsoil
2-12	Brown Silty Sand, (tr) Clay
12-64	Yellow Silty Clay, (l) m.f. Sand
64-69	White/Very Pale Brown m.f. SAND, (tr) Silt
69-84	Brown Silty Clay, (tr) m.f. Sand
84-90	White/Yellow m.f. Sand, (tr) Silt
90-114	Blue-Gray Silty Clay, (tr) f. Sand
114-142	White m.f. Sand, (tr) Silt with faint Yellow mottles

DRI Test conducted at 50"

ESHWT: 114"

GW not encountered

**Test Pit # 4                      Elev: 111.07**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-12	Topsoil
12-24	Dark Brown c.f. Sand, (l) Silt
24-108	Yellow c.f. Sand, (s) Silt, (tr) Clay, Moist
108-146	Pale Yellow m.f. Sand, (tr) Silt, with Yellow mottles @ 127"

DRI Test conducted at 67"

ESHWT encountered at 127"

GW not encountered

**Test Pit # 5                    Elev: 110.76**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-4	Topsoil
4-36	Brown m.f. Sand, (l) Silt
36-94	Yellowish-Brown Silty Clay, (tr) f. Sand
94-130	Very Pale Brown m.f. Sand, (tr) Silt with faint Yellow mottles

DRI Test conducted at 54"  
 ESHWT encountered at 94"  
 GW not encountered

**Test Pit # 6                    Elev: 112.01**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-12	Topsoil
12-16	Dark Brown c.f. Sand, (l) Silt
16-48	Light Yellow-Brown Silty Clay, (tr) f. Sand
48-80	Pale Brown / Reddish-Yellow Silty Clay, (tr) f. Sand
80-136	Very Pale Brown c.f. Sand, (s) Yellow Silty Clay inclusions with faint Yellow mottles @ 109"

DRI Test conducted at 36"  
 ESHWT encountered at 109"  
 GW not encountered

**Test Pit # 7                    Elev: 111.91**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-12	Topsoil
12-36	Brown c.f. Sand, (l-s) Silt
36-112	Brown Silty Clay, (tr-l) m.f. Sand
112-130	Light Yellow c.f. Sand, (l) Silt with faint Reddish-Yellow mottles

DRI Test conducted at 45"  
 ESHWT encountered at 112"  
 GW not encountered

**Test Pit # 8**                      **Elev: 115.20**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-12	Topsoil
12-42	Reddish-Yellow Silty Clay, (l) m.f. Sand
42-76	Gray/Yellow Clayey Silt, (l) m.f. Sand
76-94	Black Silty Clay, (l) Light Gray Silty Sand
94-106	White c.f. Sand, (tr-l) Silt with faint Yellow mottles
106-118	Yellow m.f. Sand, (tr) Silt

DRI Test conducted at 50"  
 ESHWT encountered at 94"  
 GW not encountered

**Test Pit # 9**                      **Elev: 115.75**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-6	Topsoil
6-18	Brown m.f. Sand, (l-s) Silt
18-60	Yellow/Reddish-Yellow Silty Clay, (l) m.f. Sand
60-136	Black Silty Clay, (s) Light Gray f. Sand
136-140	White c.f. Sand, (l) Silt with faint Yellow mottles

DRI Test conducted at 15"  
 ESHWT encountered at 136"  
 GW not encountered

**Test Pit # 10**                      **Elev: 118.93**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-12	Topsoil
12-32	Yellow Silty Clay, (tr) f. Sand
32-60	Brown Silty Clay, (tr) f. Sand
60-89	Very Pale Brown /Yellow c.f. SAND, (l) Silt
89-107	Black Silty Clay, (s) Light Gray f. Sand
107-115	Light Yellow c.f. Sand, (tr) Brown Silty Clay with Yellow mottles

DRI Test conducted at 32"  
 ESHWT encountered at 109"  
 GW not encountered

**Test Pit # 11                    Elev: 121.94**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-16	Topsoil
16-43	Light Brown m.f. Sand, (s) Silty Clay
43-78	Pale Brown/Yellow c.f. Sand, (l) Silt, Wet
78-96	Black Silty Clay, (l) Light Gray Silty Sand
96-110	Black Silty Clay, (tr) f. Sand

DRI Test conducted at 16"

ESHWT: not encountered

Water Seepage @ 48"

**Test Pit # 12                    Elev: 123.87**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-5	Brown m.f. Sand (s) Silt
5-48	Yellowish-Brown m.f. Sand, (s) Silt
48-101	Very Pale Brown/Light Brown m.f. Sand, (l) Silt
101-104	Yellow m.f. Sand, (s) Silt
104-124	Black Silty Clay, (l) L. Gray Silty Sand

DRI Test conducted at 50"

ESHWT: not encountered

Water Seepage @ 101"

**Test Pit # 13                    Elev: 133.51**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-8	Topsoil
8-60	Yellowish-Brown m.f. Sand, (s) Silty Clay
60-116	Very Pale Brown m.f. Sand, (l) Brown Clay inclusions

DRI Test conducted at 60"

ESHWT: not encountered

GW not encountered

**Test Pit # 14                    Elev: 132.93**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-12	Topsoil
12-43	Light Brown c.f. Sand, (l) Silt
43-65	Light Brown/Light Gray Silty Clay, (s) m.f. Sand with Yellow mottles
65-100	Dark Gray & Light Gray Silty Clay, (l) m.f. Sand

DRI Test conducted at 30"

ESHWT: not encountered

Water Seepage @ 54"



**Test Pit # 15**      **Elev: 137.29**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-12	Topsoil
12-32	Light Brown m.f. Sand, (l) Silt
32-68	Greenish-Brown c.f. Sand, (s) Silt, (tr) Clay, Moist
68-101	Brown-Gray Clayey Silt, (l) Yellow Silty Sand, Dry
101-132	Blue-Gray Silty Clay, (tr) f. Sand

DRI Test conducted at 34"  
 ESHWT: not encountered  
 GW not encountered

**Test Pit # 16**      **Elev: 125.02**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-9	Topsoil
9-24	Light Brown c.f. Sand, (l) Silt
24-72	Brown/Yellowish-Red Silty Clay, (l) m.f. Sand
72-102	Blue-Gray Silty Clay, (s) m.f. Sand

DRI Test conducted at 30"  
 ESHWT: not encountered  
 Water Seepage @ 52"

**Test Pit # 17**      **Elev: 124.36**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-4	Topsoil
4-21	Brown m.f. SAND, (s) Silt
21-48	Light Gray Silty Clay, (l) f. Sand
48-132	Blue-Gray Silty Clay, (s) f. Sand

DRI Test conducted at 30"  
 ESHWT: not encountered  
 Water Seepage @ 48"

**Test Pit # 18**      **Elev: 135.30**

<u>Depth (in.)</u>	<u>Field Soil Classification</u>
0-3	Topsoil
3-28	Light Yellowish-Brown m.f. Sand, (s) Silty Clay
28-87	Pale Brown Silty Clay, (l) m.f. Sand with Yellow-Red mottles
87-110	Blue-Gray Silty Clay, (l) m.f. Sand

DRI Test conducted at 24"  
 ESHWT: not encountered  
 GW not encountered

**QUALIFICATIONS**

The findings and conclusions presented in this report are based solely on the above investigation. No conclusions are to be drawn other than those specifically stated herein.

Respectfully submitted,

UNDERWOOD ENGINEERING COMPANY

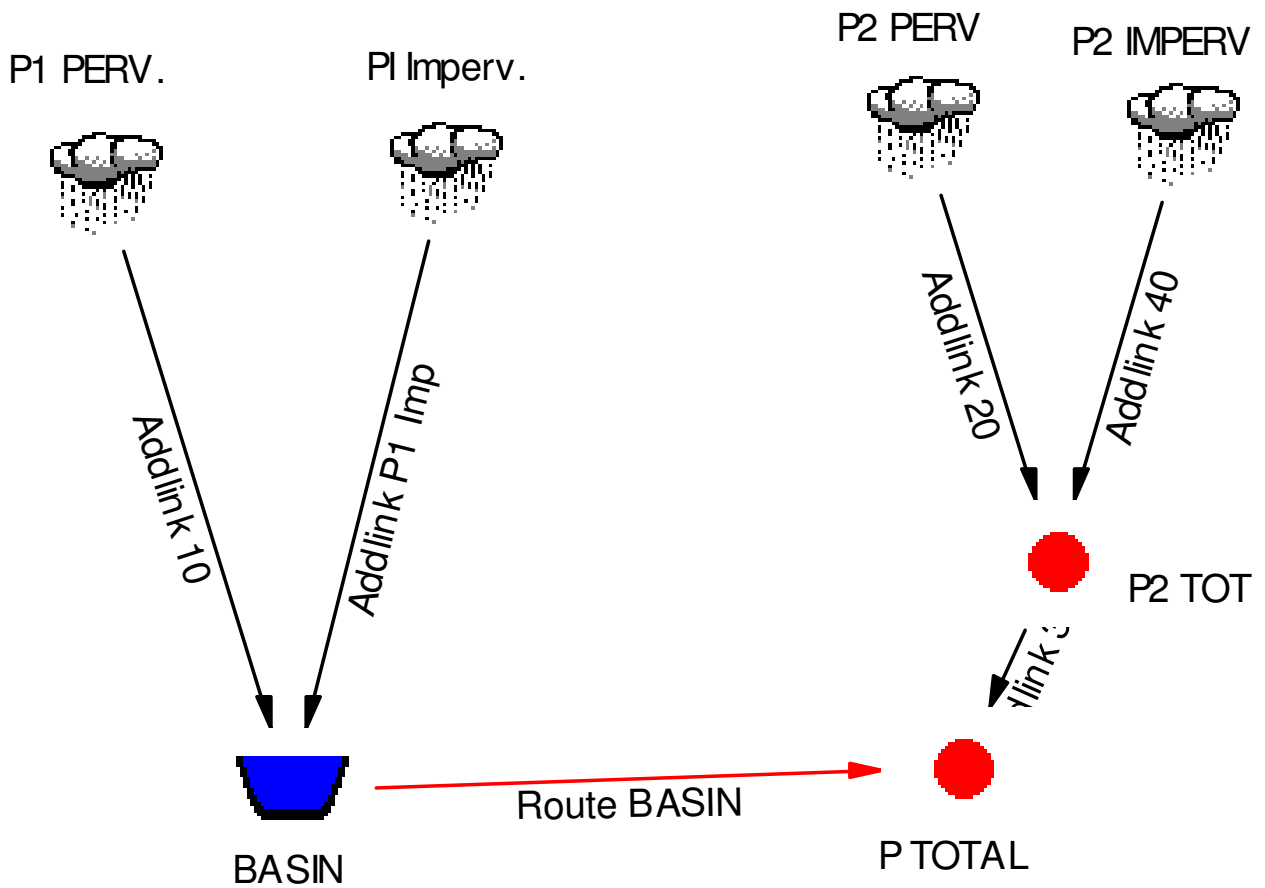
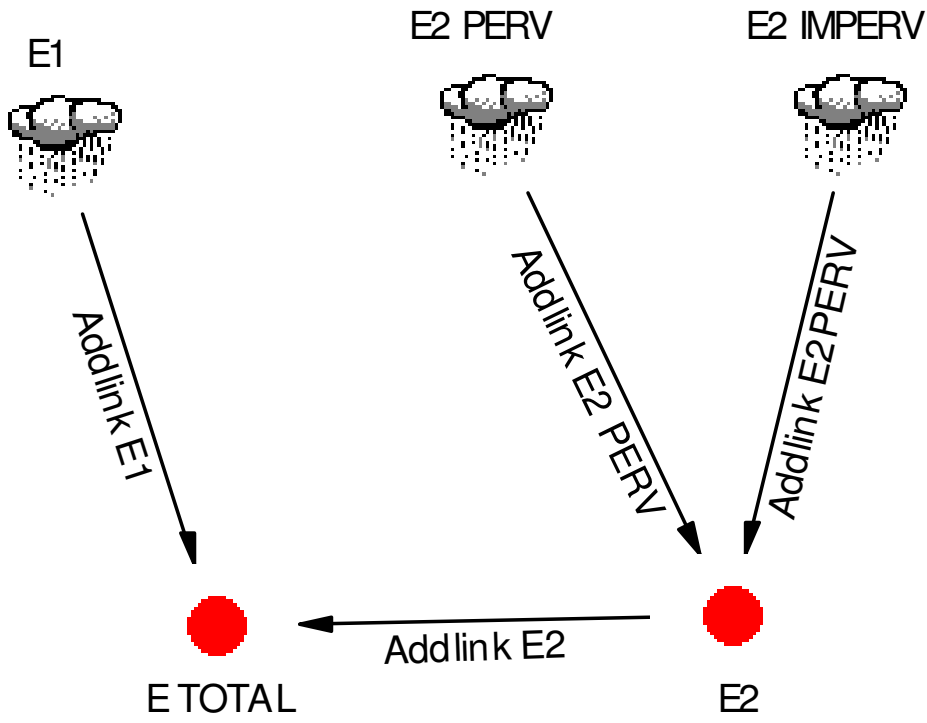


William R. Underwood, P.E.

CB

## APPENDIX 2







---

Table of Contents

\*\*\*\*\* MASTER SUMMARY \*\*\*\*\*

Watershed..... Master Network Summary ..... 1.01

\*\*\*\*\* TC CALCULATIONS \*\*\*\*\*

E1..... Tc Calcs ..... 2.01

E2 IMPERV..... Tc Calcs ..... 2.03

E2 PERV..... Tc Calcs ..... 2.05

P1 PERV..... Tc Calcs ..... 2.07

P2 IMPERV..... Tc Calcs ..... 2.09

P2 PERV..... Tc Calcs ..... 2.11

PI IMPERV..... Tc Calcs ..... 2.13

\*\*\*\*\* CN CALCULATIONS \*\*\*\*\*

E1..... Runoff CN-Area ..... 3.01

E2 IMPERV..... Runoff CN-Area ..... 3.02

E2 PERV..... Runoff CN-Area ..... 3.03

P1 PERV..... Runoff CN-Area ..... 3.04

P2 IMPERV..... Runoff CN-Area ..... 3.05

P2 PERV..... Runoff CN-Area ..... 3.06

PI IMPERV..... Runoff CN-Area ..... 3.07

Table of Contents (continued)

\*\*\*\*\* RUNOFF HYDROGRAPHS \*\*\*\*\*

E1..... WQ  
Unit Hyd. Summary ..... 4.01

E1..... 2YR  
Unit Hyd. Summary ..... 4.02

E1..... 10YR  
Unit Hyd. Summary ..... 4.03

E1..... 25YR  
Unit Hyd. Summary ..... 4.04

E1..... 100YR  
Unit Hyd. Summary ..... 4.05

E2 IMPERV..... WQ  
Unit Hyd. Summary ..... 4.06

E2 IMPERV..... 2YR  
Unit Hyd. Summary ..... 4.07

E2 IMPERV..... 10YR  
Unit Hyd. Summary ..... 4.08

E2 IMPERV..... 25YR  
Unit Hyd. Summary ..... 4.09

E2 IMPERV..... 100YR  
Unit Hyd. Summary ..... 4.10

E2 PERV..... WQ  
Unit Hyd. Summary ..... 4.11

E2 PERV..... 2YR  
Unit Hyd. Summary ..... 4.12

E2 PERV..... 10YR  
Unit Hyd. Summary ..... 4.13

E2 PERV..... 25YR  
Unit Hyd. Summary ..... 4.14

E2 PERV..... 100YR  
Unit Hyd. Summary ..... 4.15



---

Table of Contents (continued)

P1 PERV..... WQ  
 Unit Hyd. Summary ..... 4.16

P1 PERV..... 2YR  
 Unit Hyd. Summary ..... 4.17

P1 PERV..... 10YR  
 Unit Hyd. Summary ..... 4.18

P1 PERV..... 25YR  
 Unit Hyd. Summary ..... 4.19

P1 PERV..... 100YR  
 Unit Hyd. Summary ..... 4.20

P2 IMPERV..... WQ  
 Unit Hyd. Summary ..... 4.21

P2 IMPERV..... 2YR  
 Unit Hyd. Summary ..... 4.22

P2 IMPERV..... 10YR  
 Unit Hyd. Summary ..... 4.23

P2 IMPERV..... 25YR  
 Unit Hyd. Summary ..... 4.24

P2 IMPERV..... 100YR  
 Unit Hyd. Summary ..... 4.25

P2 PERV..... WQ  
 Unit Hyd. Summary ..... 4.26

P2 PERV..... 2YR  
 Unit Hyd. Summary ..... 4.27

P2 PERV..... 10YR  
 Unit Hyd. Summary ..... 4.28

P2 PERV..... 25YR  
 Unit Hyd. Summary ..... 4.29

P2 PERV..... 100YR  
 Unit Hyd. Summary ..... 4.30

PI IMPERV..... WQ  
 Unit Hyd. Summary ..... 4.31

---

Table of Contents (continued)

PI IMPERV..... 2YR  
                   Unit Hyd. Summary ..... 4.32

PI IMPERV..... 10YR  
                   Unit Hyd. Summary ..... 4.33

PI IMPERV..... 25YR  
                   Unit Hyd. Summary ..... 4.34

PI IMPERV..... 100YR  
                   Unit Hyd. Summary ..... 4.35

\*\*\*\*\* OUTLET STRUCTURES \*\*\*\*\*

Outlet 2..... Outlet Input Data ..... 5.01

\*\*\*\*\* POND ROUTING \*\*\*\*\*

BASIN..... Pond E-V-Q Table ..... 6.01

BASIN       OUT 2YR  
                   Pond Routing Calcs (Total Out) ..... 6.05

BASIN       OUT 10YR  
                   Pond Routing Calcs (Total Out) ..... 6.53

BASIN       OUT 25YR  
                   Pond Routing Calcs (Total Out) .... 6.101

BASIN       OUT 100YR  
                   Pond Routing Calcs (Total Out) .... 6.149

MASTER DESIGN STORM SUMMARY

Network Storm Collection: MONMOUTH COUNTY

Return Event	Total Depth in	Rainfall Type	RNF ID
WQ	1.2500	Time-Depth Curve	Gauged Event
2YR	3.4000	Synthetic Curve	TypeIII 24hr
10YR	5.2000	Synthetic Curve	TypeIII 24hr
25YR	6.5000	Synthetic Curve	TypeIII 24hr
100YR	8.9000	Synthetic Curve	TypeIII 24hr

MASTER NETWORK SUMMARY  
SCS Unit Hydrograph Method

(\*Node=Outfall; +Node=Diversion;)  
(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
BASIN	IN	POND	1		1.1200	24.65		
BASIN	IN	POND	2		12.1200	26.29		
BASIN	IN	POND	10		12.1200	46.59		
BASIN	IN	POND	25		12.1200	62.61		
BASIN	IN	POND	100		12.1200	93.94		
BASIN	OUT	POND	1		2.0000	.16	110.05	.806
BASIN	OUT	POND	2		20.2000	.27	111.78	2.478
BASIN	OUT	POND	10		14.1200	3.41	112.54	3.279
BASIN	OUT	POND	25		12.6800	11.13	112.93	3.703
BASIN	OUT	POND	100		12.4400	36.39	113.77	4.664
*E TOTAL	JCT		1		1.1200	3.11		
*E TOTAL	JCT		2		12.1200	3.18		
*E TOTAL	JCT		10		12.2400	14.49		
*E TOTAL	JCT		25		12.2400	29.42		
*E TOTAL	JCT		100		12.2000	64.23		

MASTER NETWORK SUMMARY  
SCS Unit Hydrograph Method

(\*Node=Outfall; +Node=Diversion;)  
(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
E1	AREA	1	.000		.0400	.00		
E1	AREA	2	.264		12.5200	.86		
E1	AREA	10	1.116		12.2800	8.11		
E1	AREA	25	1.977		12.2400	16.91		
E1	AREA	100	3.929		12.2000	37.00		
E2	JCT	1	.103		1.1200	3.11		
E2	JCT	2	.412		12.1200	3.17		
E2	JCT	10	1.046		12.2000	6.71		
E2	JCT	25	1.674		12.2000	12.88		
E2	JCT	100	3.089		12.2000	27.22		
E2 IMPERV	AREA	1	.103		1.1200	3.11		
E2 IMPERV	AREA	2	.317		12.1200	3.17		
E2 IMPERV	AREA	10	.496		12.1200	4.89		
E2 IMPERV	AREA	25	.626		12.1200	6.12		
E2 IMPERV	AREA	100	.866		12.1200	8.40		
E2 PERV	AREA	1	.000		.0400	.00		
E2 PERV	AREA	2	.095		13.8000	.16		
E2 PERV	AREA	10	.550		12.3200	3.25		
E2 PERV	AREA	25	1.047		12.2800	8.04		
E2 PERV	AREA	100	2.223		12.2400	20.14		
*P TOTAL	JCT	1	.774		1.1200	2.99		
*P TOTAL	JCT	2	1.763		12.1200	3.15		
*P TOTAL	JCT	10	3.856		12.1600	5.59		
*P TOTAL	JCT	25	5.936		12.5200	16.04		
*P TOTAL	JCT	100	10.186		12.3600	52.66		
P1 PERV.	AREA	1	.000		.0400	.00		
P1 PERV.	AREA	2	.257		12.2400	1.61		
P1 PERV.	AREA	10	.822		12.1600	8.27		
P1 PERV.	AREA	25	1.347		12.1600	14.49		
P1 PERV.	AREA	100	2.479		12.1600	27.64		

MASTER NETWORK SUMMARY  
SCS Unit Hydrograph Method

(\*Node=Outfall; +Node=Diversion;)  
(Trun= HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left&Rt)

Node ID	Type	Return Event	HYG Vol ac-ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft	Max Pond Storage ac-ft
P2 IMPERV	AREA	1	.097		1.1200	2.90		
P2 IMPERV	AREA	2	.296		12.1200	2.96		
P2 IMPERV	AREA	10	.463		12.1200	4.56		
P2 IMPERV	AREA	25	.584		12.1200	5.71		
P2 IMPERV	AREA	100	.808		12.1200	7.84		
P2 PERV	AREA	1	.000		.0400	.00		
P2 PERV	AREA	2	.057		14.7200	.09		
P2 PERV	AREA	10	.416		12.4000	2.17		
P2 PERV	AREA	25	.830		12.2800	5.93		
P2 PERV	AREA	100	1.833		12.2400	16.18		
P2 TOT	JCT	1	.097		1.1200	2.90		
P2 TOT	JCT	2	.352		12.1200	2.96		
P2 TOT	JCT	10	.880		12.1600	5.35		
P2 TOT	JCT	25	1.414		12.2000	10.29		
P2 TOT	JCT	100	2.641		12.2000	22.69		
PI IMPERV.	AREA	1	.821		1.1200	24.65		
PI IMPERV.	AREA	2	2.514		12.1200	25.20		
PI IMPERV.	AREA	10	3.940		12.1200	38.81		
PI IMPERV.	AREA	25	4.971		12.1200	48.61		
PI IMPERV.	AREA	100	6.875		12.1200	66.66		

.....  
TIME OF CONCENTRATION CALCULATOR  
.....

-----  
Segment #1: Tc: TR-55 Sheet

Mannings n           .2400  
Hydraulic Length    150.00 ft  
2yr, 24hr P         3.4000 in  
Slope                .060000 ft/ft

Avg.Velocity           .20 ft/sec

Segment #1 Time:       .2057 hrs  
-----

Segment #2: Tc: TR-55 Shallow

Hydraulic Length    386.00 ft  
Slope                .040000 ft/ft  
Unpaved

Avg.Velocity           3.23 ft/sec

Segment #2 Time:       .0332 hrs  
-----

Segment #3: Tc: TR-55 Shallow

Hydraulic Length    225.00 ft  
Slope                .010000 ft/ft  
Paved

Avg.Velocity           2.03 ft/sec

Segment #3 Time:       .0307 hrs  
-----

=====  
Total Tc:              .2696 hrs  
=====

Type.... Tc Calcs  
Name.... E1

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

-----  
Tc Equations used...  
-----

==== SCS TR-55 Sheet Flow =====

$$Tc = (.007 * ((n * Lf)**0.8)) / ((P**.5) * (Sf**.4))$$

Where: Tc = Time of concentration, hrs  
n = Mannings n  
Lf = Flow length, ft  
P = 2yr, 24hr Rain depth, inches  
Sf = Slope, %

==== SCS TR-55 Shallow Concentrated Flow =====

Unpaved surface:

$$V = 16.1345 * (Sf**0.5)$$

Paved surface:

$$V = 20.3282 * (Sf**0.5)$$

$$Tc = (Lf / V) / (3600sec/hr)$$

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

Type.... Tc Calcs  
Name.... E2 IMPERV

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

.....  
TIME OF CONCENTRATION CALCULATOR  
.....

-----

Segment #1: Tc: User Defined

Segment #1 Time: .1670 hrs

-----

=====  
Total Tc: .1670 hrs  
  
Calculated Tc < Min.Tc:  
Use Minimum Tc...  
Use Tc = .1670 hrs  
=====



Type.... Tc Calcs  
Name.... E2 IMPERV

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

-----  
Tc Equations used...  
-----

==== User Defined =====

Tc = Value entered by user

Where: Tc = Time of concentration

.....  
TIME OF CONCENTRATION CALCULATOR  
.....

-----  
Segment #1: Tc: TR-55 Sheet

Mannings n           .2400  
Hydraulic Length    150.00 ft  
2yr, 24hr P         3.4000 in  
Slope                .060000 ft/ft

Avg.Velocity           .20 ft/sec

Segment #1 Time:       .2057 hrs  
-----

Segment #2: Tc: TR-55 Shallow

Hydraulic Length    386.00 ft  
Slope                .040000 ft/ft  
Unpaved

Avg.Velocity           3.23 ft/sec

Segment #2 Time:       .0332 hrs  
-----

Segment #3: Tc: TR-55 Shallow

Hydraulic Length    225.00 ft  
Slope                .010000 ft/ft  
Paved

Avg.Velocity           2.03 ft/sec

Segment #3 Time:       .0307 hrs  
-----

=====  
Total Tc:               .2696 hrs  
=====

-----  
Tc Equations used...  
-----

==== SCS TR-55 Sheet Flow =====

$$Tc = (.007 * ((n * Lf)**0.8)) / ((P**.5) * (Sf**.4))$$

Where: Tc = Time of concentration, hrs  
n = Mannings n  
Lf = Flow length, ft  
P = 2yr, 24hr Rain depth, inches  
Sf = Slope, %

==== SCS TR-55 Shallow Concentrated Flow =====

Unpaved surface:

$$V = 16.1345 * (Sf**0.5)$$

Paved surface:

$$V = 20.3282 * (Sf**0.5)$$

$$Tc = (Lf / V) / (3600sec/hr)$$

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

Type.... Tc Calcs  
Name.... P1 PERV.

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

.....  
TIME OF CONCENTRATION CALCULATOR  
.....

-----  
Segment #1: Tc: TR-55 Sheet

Mannings n           .2400  
Hydraulic Length    108.00 ft  
2yr, 24hr P         3.4000 in  
Slope                .055000 ft/ft  
  
Avg.Velocity         .18 ft/sec

Segment #1 Time:     .1637 hrs  
-----

=====  
Total Tc:            .1637 hrs  
  
Calculated Tc < Min.Tc:  
Use Minimum Tc...  
Use Tc =            .1670 hrs  
=====

Type.... Tc Calcs  
Name.... P1 PERV.

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

-----  
Tc Equations used...  
-----

==== SCS TR-55 Sheet Flow =====

$$Tc = (.007 * ((n * Lf)**0.8)) / ((P**.5) * (Sf**.4))$$

Where: Tc = Time of concentration, hrs  
n = Mannings n  
Lf = Flow length, ft  
P = 2yr, 24hr Rain depth, inches  
Sf = Slope, %

Type.... Tc Calcs  
Name.... P2 IMPERV

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

.....  
TIME OF CONCENTRATION CALCULATOR  
.....

-----

Segment #1: Tc: User Defined

Segment #1 Time: .1670 hrs

-----

=====  
Total Tc: .1670 hrs  
  
Calculated Tc < Min.Tc:  
Use Minimum Tc...  
Use Tc = .1670 hrs  
=====

Type.... Tc Calcs  
Name.... P2 IMPERV

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

-----  
Tc Equations used...  
-----

==== User Defined =====

Tc = Value entered by user

Where: Tc = Time of concentration

.....  
TIME OF CONCENTRATION CALCULATOR  
.....

-----  
Segment #1: Tc: TR-55 Sheet

Mannings n           .2400  
Hydraulic Length    150.00 ft  
2yr, 24hr P         3.4000 in  
Slope                .060000 ft/ft

Avg.Velocity           .20 ft/sec

Segment #1 Time:       .2057 hrs  
-----

Segment #2: Tc: TR-55 Shallow

Hydraulic Length    386.00 ft  
Slope                .040000 ft/ft  
Unpaved

Avg.Velocity           3.23 ft/sec

Segment #2 Time:       .0332 hrs  
-----

Segment #3: Tc: TR-55 Shallow

Hydraulic Length    225.00 ft  
Slope                .010000 ft/ft  
Paved

Avg.Velocity           2.03 ft/sec

Segment #3 Time:       .0307 hrs  
-----

=====  
Total Tc:               .2696 hrs  
=====



Type.... Tc Calcs  
Name.... P2 PERV

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

-----  
Tc Equations used...  
-----

==== SCS TR-55 Sheet Flow =====

$$Tc = (.007 * ((n * Lf)**0.8)) / ((P**.5) * (Sf**.4))$$

Where: Tc = Time of concentration, hrs  
n = Mannings n  
Lf = Flow length, ft  
P = 2yr, 24hr Rain depth, inches  
Sf = Slope, %

==== SCS TR-55 Shallow Concentrated Flow =====

Unpaved surface:

$$V = 16.1345 * (Sf**0.5)$$

Paved surface:

$$V = 20.3282 * (Sf**0.5)$$

$$Tc = (Lf / V) / (3600sec/hr)$$

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

Type.... Tc Calcs  
Name.... PI IMPERV.

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

.....  
TIME OF CONCENTRATION CALCULATOR  
.....

-----

Segment #1: Tc: User Defined

Segment #1 Time: .1670 hrs

-----

=====  
Total Tc: .1670 hrs  
  
Calculated Tc < Min.Tc:  
Use Minimum Tc...  
Use Tc = .1670 hrs  
=====

Type.... Tc Calcs  
Name.... PI IMPERV.

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

-----  
Tc Equations used...  
-----

==== User Defined =====

Tc = Value entered by user

Where: Tc = Time of concentration

Type.... Runoff CN-Area  
Name.... E1

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

RUNOFF CURVE NUMBER DATA

.....

---

Soil/Surface Description	CN	Area acres	Impervious Adjustment		Adjusted CN
			%C	%UC	
Impervious Areas - Paved parking lo	98	.050			98.00
Open space (Lawns,parks etc.) - Goo	39	.210			39.00
Open space (Lawns,parks etc.) - Goo	61	.410			61.00
Woods - good	30	3.300			30.00
Woods - good	55	11.570			55.00
Woods - good	77	.520			77.00

COMPOSITE AREA & WEIGHTED CN --->                    16.060                    50.65 (51)  
.....

Type.... Runoff CN-Area  
Name.... E2 IMPERV

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

RUNOFF CURVE NUMBER DATA

.....

-----

Soil/Surface Description	CN	Area acres	Impervious Adjustment		Adjusted CN
-----	-----	-----	%C	%UC	-----
Impervious Areas - Paved parking lo	98	1.200			98.00
COMPOSITE AREA & WEIGHTED CN --->		1.200			98.00 (98)
.....					

Type.... Runoff CN-Area  
Name.... E2 PERV

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

RUNOFF CURVE NUMBER DATA

.....

-----

Soil/Surface Description	CN	Area acres	Impervious Adjustment		Adjusted CN
			%C	%UC	
Open space (Lawns,parks etc.) - Goo	39	2.490			39.00
Open space (Lawns,parks etc.) - Goo	61	3.840			61.00
Woods - good	30	2.810			30.00
Woods - good	55	1.690			55.00

COMPOSITE AREA & WEIGHTED CN --->            10.830                            46.96 (47)  
.....

Type.... Runoff CN-Area  
Name.... P1 PERV.

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

RUNOFF CURVE NUMBER DATA

.....

---

Soil/Surface Description	CN	Area acres	Impervious Adjustment		Adjusted CN
			%C	%UC	
Open space (Lawns,parks etc.) - Goo	39	.772			39.00
Open space (Lawns,parks etc.) - Goo	61	4.752			61.00
Open space (Lawns,parks etc.) - Goo	80	.350			80.00
Woods - good	30	.231			30.00
Woods - good	55	2.028			55.00

COMPOSITE AREA & WEIGHTED CN --->                    8.133                    57.35 (57)  
.....

Type.... Runoff CN-Area  
Name.... P2 IMPERV

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

RUNOFF CURVE NUMBER DATA

.....

-----

Soil/Surface Description	CN	Area acres	Impervious Adjustment		Adjusted CN
-----	-----	-----	%C	%UC	-----
Impervious Areas - Paved parking lo	98	1.120			98.00
COMPOSITE AREA & WEIGHTED CN --->		1.120			98.00 (98)

.....



Type.... Runoff CN-Area  
Name.... P2 PERV

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

RUNOFF CURVE NUMBER DATA

.....

---

Soil/Surface Description	CN	Area acres	Impervious Adjustment %C	%UC	Adjusted CN
Open space (Lawns,parks etc.) - Goo	39	2.980			39.00
Open space (Lawns,parks etc.) - Goo	61	2.410			61.00
Woods - good	30	2.720			30.00
Woods - good	55	1.750			55.00

COMPOSITE AREA & WEIGHTED CN ---> 9.860 44.73 (45)  
.....

Type.... Runoff CN-Area  
Name.... PI IMPERV.

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

RUNOFF CURVE NUMBER DATA

.....

-----

Soil/Surface Description	CN	Area acres	Impervious Adjustment %C	%UC	Adjusted CN
-----	-----	-----	-----	-----	-----
Impervious Areas - Paved parking lo	98	9.527			98.00

COMPOSITE AREA & WEIGHTED CN --->                    9.527                    98.00 (98)  
.....

Name.... E1

Tag: WQ

Event: 1 yr

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

Storm... Gauged Event Tag: WQ

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm

Duration = 1.9999 hrs Rain Depth = 1.2500 in

Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

Rain File -ID = - Gauged Event

Unit Hyd Type = Default Curvilinear

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

HYG File - ID = - E1 WQ

Tc = .2696 hrs

Drainage Area = 16.060 acres Runoff CN= 51

```

=====
Computational Time Increment = .03595 hrs
Computed Peak Time          = .0000 hrs
Computed Peak Flow          = .00 cfs

```

```

Time Increment for HYG File = .0400 hrs
Peak Time, Interpolated Output = .0000 hrs
Peak Flow, Interpolated Output = .00 cfs
=====

```

DRAINAGE AREA

```

-----
ID:E1
CN = 51
Area = 16.060 acres
S = 9.6078 in
0.2S = 1.9216 in

```

Cumulative Runoff

```

-----
.0000 in
.000 ac-ft

```

HYG Volume... .000 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .26963 hrs (ID: E1)  
Computational Incr, Tm = .03595 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 67.49 cfs  
Unit peak time Tp = .17975 hrs  
Unit receding limb, Tr = .71901 hrs  
Total unit time, Tb = .89876 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm

Duration = 24.0000 hrs Rain Depth = 3.4000 in

Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

Rain File -ID = - TypeIII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

HYG File - ID = - E1 2YR

Tc = .2696 hrs

Drainage Area = 16.060 acres Runoff CN= 51

```

=====
Computational Time Increment = .03595 hrs
Computed Peak Time           = 12.5108 hrs
Computed Peak Flow           = .87 cfs

```

```

Time Increment for HYG File = .0400 hrs
Peak Time, Interpolated Output = 12.5200 hrs
Peak Flow, Interpolated Output = .86 cfs
=====

```

DRAINAGE AREA

```

-----
ID:E1
CN = 51
Area = 16.060 acres
S = 9.6078 in
0.2S = 1.9216 in

```

Cumulative Runoff

```

-----
.1972 in
.264 ac-ft

```

HYG Volume... .264 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .26963 hrs (ID: E1)  
Computational Incr, Tm = .03595 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 67.49 cfs  
Unit peak time Tp = .17975 hrs  
Unit receding limb, Tr = .71901 hrs  
Total unit time, Tb = .89876 hrs

Name.... E1

Tag: 10YR

Event: 10 yr

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

Storm... TypeIII 24hr Tag: 10YR

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.2000 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - TypeIII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - E1 10YR  
 Tc = .2696 hrs  
 Drainage Area = 16.060 acres Runoff CN= 51

=====  
 Computational Time Increment = .03595 hrs  
 Computed Peak Time = 12.2591 hrs  
 Computed Peak Flow = 8.13 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = 12.2800 hrs  
 Peak Flow, Interpolated Output = 8.11 cfs  
 =====

DRAINAGE AREA

-----  
 ID:E1  
 CN = 51  
 Area = 16.060 acres  
 S = 9.6078 in  
 0.2S = 1.9216 in

Cumulative Runoff

-----  
 .8341 in  
 1.116 ac-ft

HYG Volume... 1.116 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .26963 hrs (ID: E1)  
 Computational Incr, Tm = .03595 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 67.49 cfs  
 Unit peak time Tp = .17975 hrs  
 Unit receding limb, Tr = .71901 hrs  
 Total unit time, Tb = .89876 hrs

Name.... E1

Tag: 25YR

Event: 25 yr

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

Storm... TypeIII 24hr Tag: 25YR

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm  
 Duration = 24.0000 hrs Rain Depth = 6.5000 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - TypeIII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - E1 25YR  
 Tc = .2696 hrs  
 Drainage Area = 16.060 acres Runoff CN= 51

=====  
 Computational Time Increment = .03595 hrs  
 Computed Peak Time = 12.2232 hrs  
 Computed Peak Flow = 16.95 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = 12.2400 hrs  
 Peak Flow, Interpolated Output = 16.91 cfs  
 =====

DRAINAGE AREA

-----  
 ID:E1  
 CN = 51  
 Area = 16.060 acres  
 S = 9.6078 in  
 0.2S = 1.9216 in

Cumulative Runoff

-----  
 1.4776 in  
 1.978 ac-ft

HYG Volume... 1.977 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .26963 hrs (ID: E1)  
 Computational Incr, Tm = .03595 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 67.49 cfs  
 Unit peak time Tp = .17975 hrs  
 Unit receding limb, Tr = .71901 hrs  
 Total unit time, Tb = .89876 hrs

Name.... E1

Tag: 100YR

Event: 100 yr

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

Storm... TypeIII 24hr Tag: 100YR

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 8.9000 in

Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

Rain File -ID = - TypeIII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

HYG File - ID = - E1 100YR

Tc = .2696 hrs

Drainage Area = 16.060 acres Runoff CN= 51

```

=====
Computational Time Increment = .03595 hrs
Computed Peak Time          = 12.2232 hrs
Computed Peak Flow          = 37.29 cfs

```

```

Time Increment for HYG File = .0400 hrs
Peak Time, Interpolated Output = 12.2000 hrs
Peak Flow, Interpolated Output = 37.00 cfs
=====

```

DRAINAGE AREA

```

-----
ID:E1
CN = 51
Area = 16.060 acres
S = 9.6078 in
0.2S = 1.9216 in

```

Cumulative Runoff

```

-----
2.9361 in
3.929 ac-ft

```

HYG Volume... 3.929 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .26963 hrs (ID: E1)  
Computational Incr, Tm = .03595 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 67.49 cfs  
Unit peak time Tp = .17975 hrs  
Unit receding limb, Tr = .71901 hrs  
Total unit time, Tb = .89876 hrs

Name.... E2 IMPERV Tag: WQ

Event: 1 yr

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

Storm... Gauged Event Tag: WQ

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm  
 Duration = 1.9999 hrs Rain Depth = 1.2500 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - Gauged Event  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - E2 IMPERV WQ  
 Tc (Min. Tc) = .1670 hrs  
 Drainage Area = 1.200 acres Runoff CN= 98

=====  
 Computational Time Increment = .02227 hrs  
 Computed Peak Time = 1.1133 hrs  
 Computed Peak Flow = 3.11 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = 1.1200 hrs  
 Peak Flow, Interpolated Output = 3.11 cfs  
 =====

DRAINAGE AREA

-----  
 ID:E2 IMPERV  
 CN = 98  
 Area = 1.200 acres  
 S = .2041 in  
 0.2S = .0408 in

Cumulative Runoff

-----  
 1.0346 in  
 .103 ac-ft

HYG Volume... .103 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: E2 IMPERV)  
 Computational Incr, Tm = .02227 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 8.14 cfs  
 Unit peak time Tp = .11133 hrs  
 Unit receding limb, Tr = .44533 hrs  
 Total unit time, Tb = .55667 hrs



Name.... E2 IMPERV Tag: 2YR

Event: 2 yr

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

Storm... TypeIII 24hr Tag: 2YR

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm

Duration = 24.0000 hrs Rain Depth = 3.4000 in

Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

Rain File -ID = - TypeIII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

HYG File - ID = - E2 IMPERV 2YR

Tc (Min. Tc) = .1670 hrs

Drainage Area = 1.200 acres Runoff CN= 98

```

=====
Computational Time Increment = .02227 hrs
Computed Peak Time          = 12.1353 hrs
Computed Peak Flow          = 3.18 cfs

```

```

Time Increment for HYG File = .0400 hrs
Peak Time, Interpolated Output = 12.1200 hrs
Peak Flow, Interpolated Output = 3.17 cfs
=====

```

DRAINAGE AREA

```

-----
ID:E2 IMPERV
CN = 98
Area = 1.200 acres
S = .2041 in
0.2S = .0408 in

```

Cumulative Runoff

```

-----
3.1668 in
.317 ac-ft

```

HYG Volume... .317 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: E2 IMPERV)  
Computational Incr, Tm = .02227 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 8.14 cfs  
Unit peak time Tp = .11133 hrs  
Unit receding limb, Tr = .44533 hrs  
Total unit time, Tb = .55667 hrs

Name.... E2 IMPERV Tag: 10YR

Event: 10 yr

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

Storm... TypeIII 24hr Tag: 10YR

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.2000 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - TypeIII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - E2 IMPERV 10YR  
 Tc (Min. Tc) = .1670 hrs  
 Drainage Area = 1.200 acres Runoff CN= 98

=====  
 Computational Time Increment = .02227 hrs  
 Computed Peak Time = 12.1353 hrs  
 Computed Peak Flow = 4.90 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = 12.1200 hrs  
 Peak Flow, Interpolated Output = 4.89 cfs  
 =====

DRAINAGE AREA

-----  
 ID:E2 IMPERV  
 CN = 98  
 Area = 1.200 acres  
 S = .2041 in  
 0.2S = .0408 in

Cumulative Runoff

-----  
 4.9629 in  
 .496 ac-ft

HYG Volume... .496 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: E2 IMPERV)  
 Computational Incr, Tm = .02227 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 8.14 cfs  
 Unit peak time Tp = .11133 hrs  
 Unit receding limb, Tr = .44533 hrs  
 Total unit time, Tb = .55667 hrs

Name.... E2 IMPERV

Tag: 25YR

Event: 25 yr

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

Storm... TypeIII 24hr Tag: 25YR

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm  
 Duration = 24.0000 hrs Rain Depth = 6.5000 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - TypeIII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - E2 IMPERV 25YR  
 Tc (Min. Tc) = .1670 hrs  
 Drainage Area = 1.200 acres Runoff CN= 98

=====  
 Computational Time Increment = .02227 hrs  
 Computed Peak Time = 12.1353 hrs  
 Computed Peak Flow = 6.13 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = 12.1200 hrs  
 Peak Flow, Interpolated Output = 6.12 cfs  
 =====

DRAINAGE AREA

-----  
 ID:E2 IMPERV  
 CN = 98  
 Area = 1.200 acres  
 S = .2041 in  
 0.2S = .0408 in

Cumulative Runoff

-----  
 6.2614 in  
 .626 ac-ft

HYG Volume... .626 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: E2 IMPERV)  
 Computational Incr, Tm = .02227 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 8.14 cfs  
 Unit peak time Tp = .11133 hrs  
 Unit receding limb, Tr = .44533 hrs  
 Total unit time, Tb = .55667 hrs

Name.... E2 IMPERV

Tag: 100YR

Event: 100 yr

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

Storm... TypeIII 24hr Tag: 100YR

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 8.9000 in

Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

Rain File -ID = - TypeIII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

HYG File - ID = - E2 IMPERV 100YR

Tc (Min. Tc) = .1670 hrs

Drainage Area = 1.200 acres Runoff CN= 98

```

=====
Computational Time Increment = .02227 hrs
Computed Peak Time          = 12.1353 hrs
Computed Peak Flow          = 8.41 cfs

```

```

Time Increment for HYG File = .0400 hrs
Peak Time, Interpolated Output = 12.1200 hrs
Peak Flow, Interpolated Output = 8.40 cfs
=====

```

DRAINAGE AREA

ID:E2 IMPERV

CN = 98

Area = 1.200 acres

S = .2041 in

0.2S = .0408 in

Cumulative Runoff

```

-----
8.6597 in
.866 ac-ft

```

HYG Volume... .866 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: E2 IMPERV)

Computational Incr, Tm = .02227 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)

K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))

Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 8.14 cfs

Unit peak time Tp = .11133 hrs

Unit receding limb, Tr = .44533 hrs

Total unit time, Tb = .55667 hrs

Name.... E2 PERV Tag: WQ

Event: 1 yr

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

Storm... Gauged Event Tag: WQ

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm  
 Duration = 1.9999 hrs Rain Depth = 1.2500 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - Gauged Event  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - E2 PERV WQ  
 Tc = .2696 hrs  
 Drainage Area = 10.830 acres Runoff CN= 47

=====  
 Computational Time Increment = .03595 hrs  
 Computed Peak Time = .0000 hrs  
 Computed Peak Flow = .00 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = .0000 hrs  
 Peak Flow, Interpolated Output = .00 cfs  
 =====

DRAINAGE AREA

-----  
 ID:E2 PERV  
 CN = 47  
 Area = 10.830 acres  
 S = 11.2766 in  
 0.2S = 2.2553 in

Cumulative Runoff

-----  
 .0000 in  
 .000 ac-ft

HYG Volume... .000 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .26963 hrs (ID: E2 PERV)  
 Computational Incr, Tm = .03595 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 45.51 cfs  
 Unit peak time Tp = .17975 hrs  
 Unit receding limb, Tr = .71901 hrs  
 Total unit time, Tb = .89876 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm

Duration = 24.0000 hrs Rain Depth = 3.4000 in

Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

Rain File -ID = - TypeIII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

HYG File - ID = - E2 PERV 2YR

Tc = .2696 hrs

Drainage Area = 10.830 acres Runoff CN= 47

```

=====
Computational Time Increment = .03595 hrs
Computed Peak Time          = 13.8769 hrs
Computed Peak Flow          = .16 cfs

```

```

Time Increment for HYG File = .0400 hrs
Peak Time, Interpolated Output = 13.8800 hrs
Peak Flow, Interpolated Output = .16 cfs
=====

```

DRAINAGE AREA

ID:E2 PERV

CN = 47

Area = 10.830 acres

S = 11.2766 in

0.2S = 2.2553 in

Cumulative Runoff

```

-----
.1055 in
.095 ac-ft

```

HYG Volume... .095 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .26963 hrs (ID: E2 PERV)

Computational Incr, Tm = .03595 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)

K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))

Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 45.51 cfs

Unit peak time Tp = .17975 hrs

Unit receding limb, Tr = .71901 hrs

Total unit time, Tb = .89876 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.2000 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - TypeIII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - E2 PERV 10YR  
 Tc = .2696 hrs  
 Drainage Area = 10.830 acres Runoff CN= 47

=====  
 Computational Time Increment = .03595 hrs  
 Computed Peak Time = 12.3310 hrs  
 Computed Peak Flow = 3.26 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = 12.3600 hrs  
 Peak Flow, Interpolated Output = 3.25 cfs  
 =====

DRAINAGE AREA

-----  
 ID:E2 PERV  
 CN = 47  
 Area = 10.830 acres  
 S = 11.2766 in  
 0.2S = 2.2553 in

Cumulative Runoff

-----  
 .6097 in  
 .550 ac-ft

HYG Volume... .550 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .26963 hrs (ID: E2 PERV)  
 Computational Incr, Tm = .03595 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 45.51 cfs  
 Unit peak time Tp = .17975 hrs  
 Unit receding limb, Tr = .71901 hrs  
 Total unit time, Tb = .89876 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm  
 Duration = 24.0000 hrs Rain Depth = 6.5000 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - TypeIII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - E2 PERV 25YR  
 Tc = .2696 hrs  
 Drainage Area = 10.830 acres Runoff CN= 47

=====  
 Computational Time Increment = .03595 hrs  
 Computed Peak Time = 12.2591 hrs  
 Computed Peak Flow = 8.10 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = 12.2800 hrs  
 Peak Flow, Interpolated Output = 8.04 cfs  
 =====

DRAINAGE AREA

-----  
 ID:E2 PERV  
 CN = 47  
 Area = 10.830 acres  
 S = 11.2766 in  
 0.2S = 2.2553 in

Cumulative Runoff

-----  
 1.1608 in  
 1.048 ac-ft

HYG Volume... 1.047 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .26963 hrs (ID: E2 PERV)  
 Computational Incr, Tm = .03595 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 45.51 cfs  
 Unit peak time Tp = .17975 hrs  
 Unit receding limb, Tr = .71901 hrs  
 Total unit time, Tb = .89876 hrs



Name.... E2 PERV

Tag: 100YR

Event: 100 yr

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

Storm... TypeIII 24hr Tag: 100YR

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 8.9000 in

Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

Rain File -ID = - TypeIII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

HYG File - ID = - E2 PERV 100YR

Tc = .2696 hrs

Drainage Area = 10.830 acres Runoff CN= 47

=====  
Computational Time Increment = .03595 hrs  
Computed Peak Time = 12.2232 hrs  
Computed Peak Flow = 20.31 cfs

Time Increment for HYG File = .0400 hrs  
Peak Time, Interpolated Output = 12.2400 hrs  
Peak Flow, Interpolated Output = 20.14 cfs  
=====

DRAINAGE AREA

-----  
ID:E2 PERV

CN = 47

Area = 10.830 acres

S = 11.2766 in

0.2S = 2.2553 in

Cumulative Runoff

-----  
2.4637 in

2.223 ac-ft

HYG Volume... 2.223 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .26963 hrs (ID: E2 PERV)

Computational Incr, Tm = .03595 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)

K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))

Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 45.51 cfs

Unit peak time Tp = .17975 hrs

Unit receding limb, Tr = .71901 hrs

Total unit time, Tb = .89876 hrs

Name.... P1 PERV. Tag: WQ

Event: 1 yr

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

Storm... Gauged Event Tag: WQ

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm  
 Duration = 1.9999 hrs Rain Depth = 1.2500 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - Gauged Event  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - P1 PERV. WQ  
 Tc (Min. Tc) = .1670 hrs  
 Drainage Area = 8.133 acres Runoff CN= 57

=====  
 Computational Time Increment = .02227 hrs  
 Computed Peak Time = .0000 hrs  
 Computed Peak Flow = .00 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = .0000 hrs  
 Peak Flow, Interpolated Output = .00 cfs  
 =====

DRAINAGE AREA

-----  
 ID:P1 PERV.  
 CN = 57  
 Area = 8.133 acres  
 S = 7.5439 in  
 0.2S = 1.5088 in

Cumulative Runoff

-----  
 .0000 in  
 .000 ac-ft

HYG Volume... .000 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: P1 PERV.)  
 Computational Incr, Tm = .02227 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 55.18 cfs  
 Unit peak time Tp = .11133 hrs  
 Unit receding limb, Tr = .44533 hrs  
 Total unit time, Tb = .55667 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm

Duration = 24.0000 hrs Rain Depth = 3.4000 in

Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

Rain File -ID = - TypeIII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

HYG File - ID = - P1 PERV. 2YR

Tc (Min. Tc) = .1670 hrs

Drainage Area = 8.133 acres Runoff CN= 57

```

=====
Computational Time Increment = .02227 hrs
Computed Peak Time           = 12.2244 hrs
Computed Peak Flow           = 1.62 cfs

```

```

Time Increment for HYG File = .0400 hrs
Peak Time, Interpolated Output = 12.2400 hrs
Peak Flow, Interpolated Output = 1.61 cfs
=====

```

DRAINAGE AREA

```

-----
ID:P1 PERV.
CN = 57
Area = 8.133 acres
S = 7.5439 in
0.2S = 1.5088 in

```

Cumulative Runoff

```

-----
.3791 in
.257 ac-ft

```

HYG Volume... .257 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: P1 PERV.)  
Computational Incr, Tm = .02227 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 55.18 cfs  
Unit peak time Tp = .11133 hrs  
Unit receding limb, Tr = .44533 hrs  
Total unit time, Tb = .55667 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.2000 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - TypeIII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - P1 PERV. 10YR  
 Tc (Min. Tc) = .1670 hrs  
 Drainage Area = 8.133 acres Runoff CN= 57

=====  
 Computational Time Increment = .02227 hrs  
 Computed Peak Time = 12.1576 hrs  
 Computed Peak Flow = 8.29 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = 12.1600 hrs  
 Peak Flow, Interpolated Output = 8.27 cfs  
 =====

DRAINAGE AREA

-----  
 ID:P1 PERV.  
 CN = 57  
 Area = 8.133 acres  
 S = 7.5439 in  
 0.2S = 1.5088 in

Cumulative Runoff

-----  
 1.2127 in  
 .822 ac-ft

HYG Volume... .822 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: P1 PERV.)  
 Computational Incr, Tm = .02227 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 55.18 cfs  
 Unit peak time Tp = .11133 hrs  
 Unit receding limb, Tr = .44533 hrs  
 Total unit time, Tb = .55667 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm  
 Duration = 24.0000 hrs Rain Depth = 6.5000 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - TypeIII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - P1 PERV. 25YR  
 Tc (Min. Tc) = .1670 hrs  
 Drainage Area = 8.133 acres Runoff CN= 57

=====  
 Computational Time Increment = .02227 hrs  
 Computed Peak Time = 12.1576 hrs  
 Computed Peak Flow = 14.53 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = 12.1600 hrs  
 Peak Flow, Interpolated Output = 14.49 cfs  
 =====

DRAINAGE AREA

-----  
 ID:P1 PERV.  
 CN = 57  
 Area = 8.133 acres  
 S = 7.5439 in  
 0.2S = 1.5088 in

Cumulative Runoff

-----  
 1.9874 in  
 1.347 ac-ft

HYG Volume... 1.347 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: P1 PERV.)  
 Computational Incr, Tm = .02227 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 55.18 cfs  
 Unit peak time Tp = .11133 hrs  
 Unit receding limb, Tr = .44533 hrs  
 Total unit time, Tb = .55667 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 8.9000 in

Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

Rain File -ID = - TypeIII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

HYG File - ID = - P1 PERV. 100YR

Tc (Min. Tc) = .1670 hrs

Drainage Area = 8.133 acres Runoff CN= 57

```

=====
Computational Time Increment = .02227 hrs
Computed Peak Time          = 12.1353 hrs
Computed Peak Flow           = 27.83 cfs

```

```

Time Increment for HYG File = .0400 hrs
Peak Time, Interpolated Output = 12.1600 hrs
Peak Flow, Interpolated Output = 27.64 cfs
=====

```

DRAINAGE AREA

```

-----
ID:P1 PERV.
CN = 57
Area = 8.133 acres
S = 7.5439 in
0.2S = 1.5088 in

```

```

-----
Cumulative Runoff
-----
3.6578 in
2.479 ac-ft

```

HYG Volume... 2.479 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: P1 PERV.)  
Computational Incr, Tm = .02227 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 55.18 cfs  
Unit peak time Tp = .11133 hrs  
Unit receding limb, Tr = .44533 hrs  
Total unit time, Tb = .55667 hrs

Name.... P2 IMPERV Tag: WQ

Event: 1 yr

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

Storm... Gauged Event Tag: WQ

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm  
 Duration = 1.9999 hrs Rain Depth = 1.2500 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - Gauged Event  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - P2 IMPERV WQ  
 Tc (Min. Tc) = .1670 hrs  
 Drainage Area = 1.120 acres Runoff CN= 98

=====  
 Computational Time Increment = .02227 hrs  
 Computed Peak Time = 1.1133 hrs  
 Computed Peak Flow = 2.90 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = 1.1200 hrs  
 Peak Flow, Interpolated Output = 2.90 cfs  
 =====

DRAINAGE AREA

-----  
 ID:P2 IMPERV  
 CN = 98  
 Area = 1.120 acres  
 S = .2041 in  
 0.2S = .0408 in

Cumulative Runoff

-----  
 1.0346 in  
 .097 ac-ft

HYG Volume... .097 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: P2 IMPERV)  
 Computational Incr, Tm = .02227 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 7.60 cfs  
 Unit peak time Tp = .11133 hrs  
 Unit receding limb, Tr = .44533 hrs  
 Total unit time, Tb = .55667 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm

Duration = 24.0000 hrs Rain Depth = 3.4000 in

Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

Rain File -ID = - TypeIII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

HYG File - ID = - P2 IMPERV 2YR

Tc (Min. Tc) = .1670 hrs

Drainage Area = 1.120 acres Runoff CN= 98

```

=====
Computational Time Increment = .02227 hrs
Computed Peak Time           = 12.1353 hrs
Computed Peak Flow           = 2.97 cfs

```

```

Time Increment for HYG File = .0400 hrs
Peak Time, Interpolated Output = 12.1200 hrs
Peak Flow, Interpolated Output = 2.96 cfs
=====

```

DRAINAGE AREA

```

-----
ID:P2 IMPERV
CN = 98
Area = 1.120 acres
S = .2041 in
0.2S = .0408 in

```

Cumulative Runoff

```

-----
3.1668 in
.296 ac-ft

```

HYG Volume... .296 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: P2 IMPERV)  
Computational Incr, Tm = .02227 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 7.60 cfs  
Unit peak time Tp = .11133 hrs  
Unit receding limb, Tr = .44533 hrs  
Total unit time, Tb = .55667 hrs



SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.2000 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - TypeIII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - P2 IMPERV 10YR  
 Tc (Min. Tc) = .1670 hrs  
 Drainage Area = 1.120 acres Runoff CN= 98

=====  
 Computational Time Increment = .02227 hrs  
 Computed Peak Time = 12.1353 hrs  
 Computed Peak Flow = 4.57 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = 12.1200 hrs  
 Peak Flow, Interpolated Output = 4.56 cfs  
 =====

DRAINAGE AREA

-----  
 ID:P2 IMPERV  
 CN = 98  
 Area = 1.120 acres  
 S = .2041 in  
 0.2S = .0408 in

Cumulative Runoff

-----  
 4.9629 in  
 .463 ac-ft

HYG Volume... .463 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: P2 IMPERV)  
 Computational Incr, Tm = .02227 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 7.60 cfs  
 Unit peak time Tp = .11133 hrs  
 Unit receding limb, Tr = .44533 hrs  
 Total unit time, Tb = .55667 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm  
 Duration = 24.0000 hrs Rain Depth = 6.5000 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - TypeIII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - P2 IMPERV 25YR  
 Tc (Min. Tc) = .1670 hrs  
 Drainage Area = 1.120 acres Runoff CN= 98

=====  
 Computational Time Increment = .02227 hrs  
 Computed Peak Time = 12.1353 hrs  
 Computed Peak Flow = 5.72 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = 12.1200 hrs  
 Peak Flow, Interpolated Output = 5.71 cfs  
 =====

DRAINAGE AREA

-----  
 ID:P2 IMPERV  
 CN = 98  
 Area = 1.120 acres  
 S = .2041 in  
 0.2S = .0408 in

Cumulative Runoff

-----  
 6.2614 in  
 .584 ac-ft

HYG Volume... .584 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: P2 IMPERV)  
 Computational Incr, Tm = .02227 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 7.60 cfs  
 Unit peak time Tp = .11133 hrs  
 Unit receding limb, Tr = .44533 hrs  
 Total unit time, Tb = .55667 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm  
 Duration = 24.0000 hrs Rain Depth = 8.9000 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - TypeIII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - P2 IMPERV 100YR  
 Tc (Min. Tc) = .1670 hrs  
 Drainage Area = 1.120 acres Runoff CN= 98

=====  
 Computational Time Increment = .02227 hrs  
 Computed Peak Time = 12.1353 hrs  
 Computed Peak Flow = 7.85 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = 12.1200 hrs  
 Peak Flow, Interpolated Output = 7.84 cfs  
 =====

DRAINAGE AREA

-----  
 ID:P2 IMPERV  
 CN = 98  
 Area = 1.120 acres  
 S = .2041 in  
 0.2S = .0408 in

Cumulative Runoff

-----  
 8.6597 in  
 .808 ac-ft

HYG Volume... .808 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: P2 IMPERV)  
 Computational Incr, Tm = .02227 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 7.60 cfs  
 Unit peak time Tp = .11133 hrs  
 Unit receding limb, Tr = .44533 hrs  
 Total unit time, Tb = .55667 hrs

Name.... P2 PERV Tag: WQ

Event: 1 yr

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

Storm... Gauged Event Tag: WQ

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm  
 Duration = 1.9999 hrs Rain Depth = 1.2500 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - Gauged Event  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - P2 PERV WQ  
 Tc = .2696 hrs  
 Drainage Area = 9.860 acres Runoff CN= 45

=====  
 Computational Time Increment = .03595 hrs  
 Computed Peak Time = .0000 hrs  
 Computed Peak Flow = .00 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = .0000 hrs  
 Peak Flow, Interpolated Output = .00 cfs  
 =====

DRAINAGE AREA

-----  
 ID:P2 PERV  
 CN = 45  
 Area = 9.860 acres  
 S = 12.2222 in  
 0.2S = 2.4444 in

Cumulative Runoff

-----  
 .0000 in  
 .000 ac-ft

HYG Volume... .000 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .26963 hrs (ID: P2 PERV)  
 Computational Incr, Tm = .03595 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 41.43 cfs  
 Unit peak time Tp = .17975 hrs  
 Unit receding limb, Tr = .71901 hrs  
 Total unit time, Tb = .89876 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm

Duration = 24.0000 hrs Rain Depth = 3.4000 in

Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

Rain File -ID = - TypeIII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

HYG File - ID = - P2 PERV 2YR

Tc = .2696 hrs

Drainage Area = 9.860 acres Runoff CN= 45

```

=====
Computational Time Increment = .03595 hrs
Computed Peak Time          = 15.0633 hrs
Computed Peak Flow          = .09 cfs

```

```

Time Increment for HYG File = .0400 hrs
Peak Time, Interpolated Output = 15.0400 hrs
Peak Flow, Interpolated Output = .09 cfs
=====

```

DRAINAGE AREA

```

-----
ID:P2 PERV
CN = 45
Area = 9.860 acres
S = 12.2222 in
0.2S = 2.4444 in

```

Cumulative Runoff

```

-----
.0693 in
.057 ac-ft

```

HYG Volume... .057 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .26963 hrs (ID: P2 PERV)  
Computational Incr, Tm = .03595 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 41.43 cfs  
Unit peak time Tp = .17975 hrs  
Unit receding limb, Tr = .71901 hrs  
Total unit time, Tb = .89876 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.2000 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - TypeIII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - P2 PERV 10YR  
 Tc = .2696 hrs  
 Drainage Area = 9.860 acres Runoff CN= 45

=====  
 Computational Time Increment = .03595 hrs  
 Computed Peak Time = 12.4029 hrs  
 Computed Peak Flow = 2.17 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = 12.4000 hrs  
 Peak Flow, Interpolated Output = 2.17 cfs  
 =====

DRAINAGE AREA

-----  
 ID:P2 PERV  
 CN = 45  
 Area = 9.860 acres  
 S = 12.2222 in  
 0.2S = 2.4444 in

Cumulative Runoff

-----  
 .5070 in  
 .417 ac-ft

HYG Volume... .416 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .26963 hrs (ID: P2 PERV)  
 Computational Incr, Tm = .03595 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 41.43 cfs  
 Unit peak time Tp = .17975 hrs  
 Unit receding limb, Tr = .71901 hrs  
 Total unit time, Tb = .89876 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm  
 Duration = 24.0000 hrs Rain Depth = 6.5000 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - TypeIII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - P2 PERV 25YR  
 Tc = .2696 hrs  
 Drainage Area = 9.860 acres Runoff CN= 45

=====  
 Computational Time Increment = .03595 hrs  
 Computed Peak Time = 12.2951 hrs  
 Computed Peak Flow = 5.93 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = 12.2800 hrs  
 Peak Flow, Interpolated Output = 5.93 cfs  
 =====

DRAINAGE AREA

-----  
 ID:P2 PERV  
 CN = 45  
 Area = 9.860 acres  
 S = 12.2222 in  
 0.2S = 2.4444 in

Cumulative Runoff

-----  
 1.0104 in  
 .830 ac-ft

HYG Volume... .830 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .26963 hrs (ID: P2 PERV)  
 Computational Incr, Tm = .03595 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 41.43 cfs  
 Unit peak time Tp = .17975 hrs  
 Unit receding limb, Tr = .71901 hrs  
 Total unit time, Tb = .89876 hrs

Name.... P2 PERV

Tag: 100YR

Event: 100 yr

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

Storm... TypeIII 24hr Tag: 100YR

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 8.9000 in

Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

Rain File -ID = - TypeIII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

HYG File - ID = - P2 PERV 100YR

Tc = .2696 hrs

Drainage Area = 9.860 acres Runoff CN= 45

=====  
Computational Time Increment = .03595 hrs  
Computed Peak Time = 12.2232 hrs  
Computed Peak Flow = 16.27 cfs

Time Increment for HYG File = .0400 hrs  
Peak Time, Interpolated Output = 12.2400 hrs  
Peak Flow, Interpolated Output = 16.18 cfs  
=====

DRAINAGE AREA

-----  
ID:P2 PERV  
CN = 45  
Area = 9.860 acres  
S = 12.2222 in  
0.2S = 2.4444 in

Cumulative Runoff  
-----  
2.2312 in  
1.833 ac-ft

HYG Volume... 1.833 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .26963 hrs (ID: P2 PERV)  
Computational Incr, Tm = .03595 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 41.43 cfs  
Unit peak time Tp = .17975 hrs  
Unit receding limb, Tr = .71901 hrs  
Total unit time, Tb = .89876 hrs



SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 1 year storm  
 Duration = 1.9999 hrs Rain Depth = 1.2500 in  
 Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 Rain File -ID = - Gauged Event  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac  
 HYG File - ID = - PI IMPERV. WQ  
 Tc (Min. Tc) = .1670 hrs  
 Drainage Area = 9.527 acres Runoff CN= 98

=====  
 Computational Time Increment = .02227 hrs  
 Computed Peak Time = 1.1133 hrs  
 Computed Peak Flow = 24.67 cfs  
  
 Time Increment for HYG File = .0400 hrs  
 Peak Time, Interpolated Output = 1.1200 hrs  
 Peak Flow, Interpolated Output = 24.65 cfs  
 =====

DRAINAGE AREA

-----  
 ID:PI IMPERV.  
 CN = 98  
 Area = 9.527 acres  
 S = .2041 in  
 0.2S = .0408 in

Cumulative Runoff

-----  
 1.0346 in  
 .821 ac-ft

HYG Volume... .821 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: PI IMPERV.)  
 Computational Incr, Tm = .02227 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 64.64 cfs  
 Unit peak time Tp = .11133 hrs  
 Unit receding limb, Tr = .44533 hrs  
 Total unit time, Tb = .55667 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 2 year storm

Duration = 24.0000 hrs Rain Depth = 3.4000 in

Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

Rain File -ID = - TypeIII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

HYG File - ID = - PI IMPERV. 2YR

Tc (Min. Tc) = .1670 hrs

Drainage Area = 9.527 acres Runoff CN= 98

```

=====
Computational Time Increment = .02227 hrs
Computed Peak Time          = 12.1353 hrs
Computed Peak Flow          = 25.26 cfs

```

```

Time Increment for HYG File = .0400 hrs
Peak Time, Interpolated Output = 12.1200 hrs
Peak Flow, Interpolated Output = 25.20 cfs
=====

```

DRAINAGE AREA

```

-----
ID:PI IMPERV.
CN = 98
Area = 9.527 acres
S = .2041 in
0.2S = .0408 in

```

Cumulative Runoff

```

-----
3.1668 in
2.514 ac-ft

```

HYG Volume... 2.514 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: PI IMPERV.)  
Computational Incr, Tm = .02227 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 64.64 cfs  
Unit peak time Tp = .11133 hrs  
Unit receding limb, Tr = .44533 hrs  
Total unit time, Tb = .55667 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 10 year storm
Duration = 24.0000 hrs Rain Depth = 5.2000 in
Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac
HYG File - ID = - PI IMPERV. 10YR
Tc (Min. Tc) = .1670 hrs
Drainage Area = 9.527 acres Runoff CN= 98

=====  
Computational Time Increment = .02227 hrs  
Computed Peak Time = 12.1353 hrs  
Computed Peak Flow = 38.88 cfs  
  
Time Increment for HYG File = .0400 hrs  
Peak Time, Interpolated Output = 12.1200 hrs  
Peak Flow, Interpolated Output = 38.81 cfs  
=====

DRAINAGE AREA

-----  
ID:PI IMPERV.  
CN = 98  
Area = 9.527 acres  
S = .2041 in  
0.2S = .0408 in

Cumulative Runoff

-----  
4.9629 in  
3.940 ac-ft

HYG Volume... 3.940 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: PI IMPERV.)  
Computational Incr, Tm = .02227 hrs = 0.20000 Tp  
  
Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
Unit peak, qp = 64.64 cfs  
Unit peak time Tp = .11133 hrs  
Unit receding limb, Tr = .44533 hrs  
Total unit time, Tb = .55667 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration = 24.0000 hrs Rain Depth = 6.5000 in
Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac
Rain File -ID = - TypeIII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac
HYG File - ID = - PI IMPERV. 25YR
Tc (Min. Tc) = .1670 hrs
Drainage Area = 9.527 acres Runoff CN= 98

=====  
Computational Time Increment = .02227 hrs  
Computed Peak Time = 12.1353 hrs  
Computed Peak Flow = 48.69 cfs  
  
Time Increment for HYG File = .0400 hrs  
Peak Time, Interpolated Output = 12.1200 hrs  
Peak Flow, Interpolated Output = 48.61 cfs  
=====

DRAINAGE AREA

-----  
ID:PI IMPERV.  
CN = 98  
Area = 9.527 acres  
S = .2041 in  
0.2S = .0408 in

Cumulative Runoff

-----  
6.2614 in  
4.971 ac-ft

HYG Volume... 4.971 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: PI IMPERV.)  
Computational Incr, Tm = .02227 hrs = 0.20000 Tp  
  
Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
Unit peak, qp = 64.64 cfs  
Unit peak time Tp = .11133 hrs  
Unit receding limb, Tr = .44533 hrs  
Total unit time, Tb = .55667 hrs

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 8.9000 in

Rain Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

Rain File -ID = - TypeIII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pac

HYG File - ID = - PI IMPERV. 100YR

Tc (Min. Tc) = .1670 hrs

Drainage Area = 9.527 acres Runoff CN= 98

```

=====
Computational Time Increment = .02227 hrs
Computed Peak Time          = 12.1353 hrs
Computed Peak Flow          = 66.78 cfs

```

```

Time Increment for HYG File = .0400 hrs
Peak Time, Interpolated Output = 12.1200 hrs
Peak Flow, Interpolated Output = 66.66 cfs
=====

```

DRAINAGE AREA

```

-----
ID:PI IMPERV.
CN = 98
Area = 9.527 acres
S = .2041 in
0.2S = .0408 in

```

Cumulative Runoff

```

-----
8.6597 in
6.875 ac-ft

```

HYG Volume... 6.875 ac-ft (area under HYG curve)

\*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = .16700 hrs (ID: PI IMPERV.)  
Computational Incr, Tm = .02227 hrs = 0.20000 Tp

Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 64.64 cfs  
Unit peak time Tp = .11133 hrs  
Unit receding limb, Tr = .44533 hrs  
Total unit time, Tb = .55667 hrs

Type.... Outlet Input Data  
Name.... Outlet 2

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

REQUESTED POND WS ELEVATIONS:

Min. Elev.= 109.00 ft  
Increment = .10 ft  
Max. Elev.= 116.00 ft

\*\*\*\*\*  
OUTLET CONNECTIVITY  
\*\*\*\*\*

---> Forward Flow Only (UpStream to DnStream)  
<--- Reverse Flow Only (DnStream to UpStream)  
<---> Forward and Reverse Both Allowed

Structure	No.		Outfall	E1, ft	E2, ft
-----	----		-----	-----	-----
Orifice-Circular	O0	--->	TW	109.000	116.000
Weir-Rectangular	W1	--->	TW	112.250	116.000
Weir-Rectangular	W0	--->	TW	112.250	116.000
TW SETUP, DS Channel					

Type.... Outlet Input Data  
Name.... Outlet 2

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

OUTLET STRUCTURE INPUT DATA

Structure ID = 00  
Structure Type = Orifice-Circular  
-----  
# of Openings = 1  
Invert Elev. = 109.00 ft  
Diameter = .2083 ft  
Orifice Coeff. = .600

Structure ID = W1  
Structure Type = Weir-Rectangular  
-----  
# of Openings = 1  
Crest Elev. = 112.25 ft  
Weir Length = 3.00 ft  
Weir Coeff. = 3.200000

Weir TW effects (Use adjustment equation)

Structure ID = W0  
Structure Type = Weir-Rectangular  
-----  
# of Openings = 1  
Crest Elev. = 112.25 ft  
Weir Length = 3.00 ft  
Weir Coeff. = 3.200000

Weir TW effects (Use adjustment equation)

Type.... Outlet Input Data  
Name.... Outlet 2

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

---

OUTLET STRUCTURE INPUT DATA

Structure ID = TW  
Structure Type = TW SETUP, DS Channel  
-----

FREE OUTFALL CONDITIONS SPECIFIED

CONVERGENCE TOLERANCES...  
Maximum Iterations= 30  
Min. TW tolerance = .01 ft  
Max. TW tolerance = .01 ft  
Min. HW tolerance = .01 ft  
Max. HW tolerance = .01 ft  
Min. Q tolerance = .10 cfs  
Max. Q tolerance = .10 cfs



Name.... BASIN

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

LEVEL POOL ROUTING DATA

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN IN WQ  
 Outflow HYG file = NONE STORED - BASIN OUT WQ

Pond Node Data = BASIN  
 Pond Volume Data = BASIN  
 Pond Outlet Data = Outlet 2

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 109.00 ft  
 Starting Volume = .000 ac-ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout= .00 cfs  
 Time Increment = .0400 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area sq.ft	Infilt. cfs	Q Total cfs	2S/t + O cfs
109.00	.00	.000	31830	.00	.00	.00
109.10	.00	.073	32127	.00	.00	44.41
109.20	.04	.148	32426	.00	.04	89.28
109.30	.07	.222	32725	.00	.07	134.56
109.40	.09	.298	33027	.00	.09	180.24
109.50	.10	.374	33329	.00	.10	226.33
109.60	.12	.451	33633	.00	.12	272.84
109.70	.13	.528	33939	.00	.13	319.78
109.80	.14	.607	34245	.00	.14	367.14
109.90	.15	.686	34554	.00	.15	414.93
110.00	.16	.765	34863	.00	.16	463.14
110.10	.16	.855	39301	.00	.16	517.49
110.20	.17	.946	39614	.00	.17	572.30
110.30	.18	1.037	39927	.00	.18	627.55
110.40	.19	1.129	40242	.00	.19	683.23
110.50	.19	1.222	40558	.00	.19	739.34
110.60	.20	1.315	40876	.00	.20	795.90
110.70	.21	1.409	41195	.00	.21	852.90
110.80	.21	1.504	41514	.00	.21	910.35
110.90	.22	1.600	41836	.00	.22	968.23

Name.... BASIN

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

LEVEL POOL ROUTING DATA

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN IN WQ  
 Outflow HYG file = NONE STORED - BASIN OUT WQ

Pond Node Data = BASIN  
 Pond Volume Data = BASIN  
 Pond Outlet Data = Outlet 2

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 109.00 ft  
 Starting Volume = .000 ac-ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout= .00 cfs  
 Time Increment = .0400 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area sq.ft	Infilt. cfs	Q Total cfs	2S/t + O cfs
111.00	.23	1.696	42158	.00	.23	1026.57
111.10	.23	1.794	42475	.00	.23	1085.34
111.20	.24	1.891	42793	.00	.24	1144.56
111.30	.24	1.990	43112	.00	.24	1204.23
111.40	.25	2.089	43432	.00	.25	1264.33
111.50	.25	2.189	43753	.00	.25	1324.88
111.60	.26	2.290	44076	.00	.26	1385.88
111.70	.26	2.392	44400	.00	.26	1447.32
111.80	.27	2.494	44725	.00	.27	1509.22
111.90	.27	2.597	45051	.00	.27	1571.57
112.00	.28	2.701	45378	.00	.28	1634.37
112.10	.28	2.806	45701	.00	.28	1697.63
112.20	.29	2.911	46024	.00	.29	1761.33
112.25	.29	2.964	46187	.00	.29	1793.35
112.30	.51	3.017	46349	.00	.51	1825.70
112.40	1.41	3.124	46675	.00	1.41	1891.20
112.50	2.70	3.231	47002	.00	2.70	1957.54
112.60	4.28	3.339	47330	.00	4.28	2024.63
112.70	6.11	3.448	47660	.00	6.11	2092.42
112.80	8.15	3.558	47990	.00	8.15	2160.89

Name.... BASIN

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

LEVEL POOL ROUTING DATA

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\
Inflow HYG file = NONE STORED - BASIN IN WQ
Outflow HYG file = NONE STORED - BASIN OUT WQ

Pond Node Data = BASIN
Pond Volume Data = BASIN
Pond Outlet Data = Outlet 2

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 109.00 ft
Starting Volume = .000 ac-ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout= .00 cfs
Time Increment = .0400 hrs

Table with 7 columns: Elevation ft, Outflow cfs, Storage ac-ft, Area sq.ft, Infiltr. cfs, Q Total cfs, 2S/t + O cfs. It contains 18 rows of data showing the relationship between elevation and various flow/storage parameters.

Name.... BASIN

File.... L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\The Place at Marlbo

LEVEL POOL ROUTING DATA

HYG Dir = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN IN WQ  
 Outflow HYG file = NONE STORED - BASIN OUT WQ

Pond Node Data = BASIN  
 Pond Volume Data = BASIN  
 Pond Outlet Data = Outlet 2

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 109.00 ft  
 Starting Volume = .000 ac-ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout= .00 cfs  
 Time Increment = .0400 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area sq.ft	Infilt. cfs	Q Total cfs	2S/t + O cfs
114.90	83.22	6.041	55036	.00	83.22	3737.80
115.00	87.96	6.167	55380	.00	87.96	3819.21
115.10	92.78	6.295	55720	.00	92.78	3901.18
115.20	97.69	6.423	56061	.00	97.69	3983.71
115.30	102.68	6.552	56403	.00	102.68	4066.81
115.40	107.75	6.682	56746	.00	107.75	4150.46
115.50	112.91	6.813	57090	.00	112.91	4234.67
115.60	118.14	6.944	57435	.00	118.14	4319.43
115.70	123.46	7.077	57781	.00	123.46	4404.75
115.80	128.85	7.210	58128	.00	128.85	4490.64
115.90	134.32	7.343	58477	.00	134.32	4577.08
116.00	139.86	7.478	58826	.00	139.86	4664.09

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
1.2800	.00	.00	.00	.00	.00	.000	109.00
1.3200	.00	.00	.00	.00	.00	.000	109.00
1.3600	.00	.01	.01	.00	.00	.000	109.00
1.4000	.01	.02	.02	.00	.00	.000	109.00
1.4400	.01	.04	.04	.00	.00	.000	109.00
1.4800	.02	.07	.07	.00	.00	.000	109.00
1.5200	.02	.11	.11	.00	.00	.000	109.00
1.5600	.02	.15	.15	.00	.00	.000	109.00
1.6000	.03	.20	.20	.00	.00	.000	109.00
1.6400	.03	.26	.26	.00	.00	.000	109.00
1.6800	.03	.32	.32	.00	.00	.001	109.00
1.7200	.04	.40	.40	.00	.00	.001	109.00
1.7600	.04	.48	.48	.00	.00	.001	109.00
1.8000	.05	.56	.56	.00	.00	.001	109.00
1.8400	.05	.66	.66	.00	.00	.001	109.00
1.8800	.05	.76	.76	.00	.00	.001	109.00
1.9200	.06	.87	.87	.00	.00	.001	109.00
1.9600	.06	.98	.98	.00	.00	.002	109.00
2.0000	.06	1.10	1.10	.00	.00	.002	109.00
2.0400	.07	1.23	1.23	.00	.00	.002	109.00
2.0800	.07	1.36	1.36	.00	.00	.002	109.00
2.1200	.07	1.50	1.50	.00	.00	.002	109.00
2.1600	.07	1.65	1.65	.00	.00	.003	109.00
2.2000	.08	1.80	1.80	.00	.00	.003	109.00
2.2400	.08	1.96	1.96	.00	.00	.003	109.00
2.2800	.08	2.13	2.13	.00	.00	.004	109.00
2.3200	.09	2.30	2.30	.00	.00	.004	109.01
2.3600	.09	2.48	2.48	.00	.00	.004	109.01
2.4000	.10	2.67	2.67	.00	.00	.004	109.01
2.4400	.10	2.86	2.86	.00	.00	.005	109.01
2.4800	.10	3.06	3.06	.00	.00	.005	109.01
2.5200	.11	3.27	3.27	.00	.00	.005	109.01
2.5600	.11	3.48	3.48	.00	.00	.006	109.01
2.6000	.11	3.70	3.70	.00	.00	.006	109.01
2.6400	.12	3.93	3.93	.00	.00	.006	109.01
2.6800	.12	4.17	4.17	.00	.00	.007	109.01
2.7200	.12	4.41	4.41	.00	.00	.007	109.01
2.7600	.13	4.66	4.66	.00	.00	.008	109.01
2.8000	.13	4.91	4.91	.00	.00	.008	109.01
2.8400	.13	5.17	5.17	.00	.00	.009	109.01
2.8800	.14	5.44	5.44	.00	.00	.009	109.01
2.9200	.14	5.72	5.72	.00	.00	.009	109.01

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
2.9600	.14	6.00	6.00	.00	.00	.010	109.01
3.0000	.15	6.29	6.29	.00	.00	.010	109.01
3.0400	.15	6.59	6.59	.00	.00	.011	109.01
3.0800	.15	6.89	6.89	.00	.00	.011	109.02
3.1200	.16	7.20	7.20	.00	.00	.012	109.02
3.1600	.16	7.52	7.52	.00	.00	.012	109.02
3.2000	.16	7.84	7.84	.00	.00	.013	109.02
3.2400	.17	8.17	8.17	.00	.00	.013	109.02
3.2800	.17	8.50	8.50	.00	.00	.014	109.02
3.3200	.17	8.85	8.85	.00	.00	.015	109.02
3.3600	.18	9.20	9.20	.00	.00	.015	109.02
3.4000	.18	9.55	9.55	.00	.00	.016	109.02
3.4400	.18	9.92	9.92	.00	.00	.016	109.02
3.4800	.19	10.29	10.29	.00	.00	.017	109.02
3.5200	.19	10.66	10.66	.00	.00	.018	109.02
3.5600	.19	11.05	11.05	.00	.00	.018	109.02
3.6000	.20	11.44	11.44	.00	.00	.019	109.03
3.6400	.20	11.83	11.83	.00	.00	.019	109.03
3.6800	.20	12.23	12.23	.00	.00	.020	109.03
3.7200	.21	12.64	12.64	.00	.00	.021	109.03
3.7600	.21	13.06	13.06	.00	.00	.022	109.03
3.8000	.21	13.48	13.48	.00	.00	.022	109.03
3.8400	.22	13.91	13.91	.00	.00	.023	109.03
3.8800	.22	14.35	14.35	.00	.00	.024	109.03
3.9200	.22	14.79	14.79	.00	.00	.024	109.03
3.9600	.23	15.24	15.24	.00	.00	.025	109.03
4.0000	.23	15.69	15.69	.00	.00	.026	109.04
4.0400	.23	16.16	16.16	.00	.00	.027	109.04
4.0800	.24	16.62	16.62	.00	.00	.027	109.04
4.1200	.24	17.10	17.10	.00	.00	.028	109.04
4.1600	.24	17.58	17.58	.00	.00	.029	109.04
4.2000	.25	18.07	18.07	.00	.00	.030	109.04
4.2400	.25	18.56	18.56	.00	.00	.031	109.04
4.2800	.25	19.06	19.06	.00	.00	.031	109.04
4.3200	.26	19.57	19.57	.00	.00	.032	109.04
4.3600	.26	20.08	20.08	.00	.00	.033	109.05
4.4000	.26	20.60	20.60	.00	.00	.034	109.05
4.4400	.26	21.13	21.13	.00	.00	.035	109.05
4.4800	.27	21.66	21.66	.00	.00	.036	109.05
4.5200	.27	22.20	22.20	.00	.00	.037	109.05
4.5600	.27	22.74	22.74	.00	.00	.038	109.05
4.6000	.28	23.29	23.29	.00	.00	.038	109.05

LEVEL POOL ROUTING CALCULATIONS

HYG Dir               = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
4.6400	.28	23.85	23.85	.00	.00	.039	109.05
4.6800	.28	24.41	24.41	.00	.00	.040	109.06
4.7200	.29	24.98	24.98	.00	.00	.041	109.06
4.7600	.29	25.56	25.56	.00	.00	.042	109.06
4.8000	.29	26.14	26.14	.00	.00	.043	109.06
4.8400	.30	26.73	26.73	.00	.00	.044	109.06
4.8800	.30	27.32	27.32	.00	.00	.045	109.06
4.9200	.30	27.92	27.92	.00	.00	.046	109.06
4.9600	.31	28.53	28.53	.00	.00	.047	109.06
5.0000	.31	29.14	29.14	.00	.00	.048	109.07
5.0400	.31	29.76	29.76	.00	.00	.049	109.07
5.0800	.31	30.39	30.39	.00	.00	.050	109.07
5.1200	.32	31.02	31.02	.00	.00	.051	109.07
5.1600	.32	31.65	31.65	.00	.00	.052	109.07
5.2000	.32	32.30	32.30	.00	.00	.053	109.07
5.2400	.33	32.95	32.95	.00	.00	.054	109.07
5.2800	.33	33.60	33.60	.00	.00	.055	109.08
5.3200	.33	34.26	34.26	.00	.00	.057	109.08
5.3600	.34	34.93	34.93	.00	.00	.058	109.08
5.4000	.34	35.60	35.60	.00	.00	.059	109.08
5.4400	.34	36.28	36.28	.00	.00	.060	109.08
5.4800	.34	36.97	36.97	.00	.00	.061	109.08
5.5200	.35	37.66	37.66	.00	.00	.062	109.08
5.5600	.35	38.36	38.36	.00	.00	.063	109.09
5.6000	.35	39.06	39.06	.00	.00	.065	109.09
5.6400	.36	39.77	39.77	.00	.00	.066	109.09
5.6800	.36	40.48	40.48	.00	.00	.067	109.09
5.7200	.36	41.21	41.21	.00	.00	.068	109.09
5.7600	.37	41.93	41.93	.00	.00	.069	109.09
5.8000	.37	42.67	42.67	.00	.00	.071	109.10
5.8400	.37	43.40	43.40	.00	.00	.072	109.10
5.8800	.37	44.15	44.15	.00	.00	.073	109.10
5.9200	.38	44.90	44.90	.00	.00	.074	109.10
5.9600	.38	45.65	45.65	.00	.00	.075	109.10
6.0000	.38	46.41	46.41	.00	.00	.077	109.10
6.0400	.39	47.17	47.18	.00	.00	.078	109.11
6.0800	.39	47.94	47.95	.00	.00	.079	109.11
6.1200	.39	48.71	48.72	.00	.00	.080	109.11
6.1600	.40	49.50	49.51	.00	.00	.082	109.11
6.2000	.40	50.29	50.30	.00	.01	.083	109.11
6.2400	.41	51.09	51.10	.00	.01	.084	109.11
6.2800	.42	51.90	51.91	.00	.01	.086	109.12

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
6.3200	.42	52.72	52.73	.00	.01	.087	109.12
6.3600	.43	53.55	53.57	.00	.01	.088	109.12
6.4000	.43	54.40	54.42	.00	.01	.090	109.12
6.4400	.44	55.25	55.27	.00	.01	.091	109.12
6.4800	.45	56.12	56.14	.00	.01	.093	109.13
6.5200	.45	57.00	57.02	.00	.01	.094	109.13
6.5600	.46	57.89	57.91	.00	.01	.096	109.13
6.6000	.47	58.79	58.81	.00	.01	.097	109.13
6.6400	.47	59.70	59.73	.00	.01	.099	109.13
6.6800	.48	60.62	60.65	.00	.02	.100	109.14
6.7200	.49	61.56	61.59	.00	.02	.102	109.14
6.7600	.49	62.51	62.54	.00	.02	.103	109.14
6.8000	.50	63.46	63.50	.00	.02	.105	109.14
6.8400	.51	64.43	64.47	.00	.02	.106	109.14
6.8800	.51	65.42	65.45	.00	.02	.108	109.15
6.9200	.52	66.41	66.45	.00	.02	.110	109.15
6.9600	.53	67.41	67.46	.00	.02	.111	109.15
7.0000	.53	68.43	68.48	.00	.02	.113	109.15
7.0400	.54	69.46	69.51	.00	.02	.115	109.16
7.0800	.55	70.50	70.55	.00	.02	.116	109.16
7.1200	.56	71.55	71.60	.00	.03	.118	109.16
7.1600	.56	72.62	72.67	.00	.03	.120	109.16
7.2000	.57	73.69	73.75	.00	.03	.122	109.17
7.2400	.58	74.78	74.84	.00	.03	.124	109.17
7.2800	.58	75.88	75.94	.00	.03	.125	109.17
7.3200	.59	76.99	77.05	.00	.03	.127	109.17
7.3600	.60	78.11	78.17	.00	.03	.129	109.18
7.4000	.60	79.24	79.31	.00	.03	.131	109.18
7.4400	.61	80.39	80.46	.00	.03	.133	109.18
7.4800	.62	81.55	81.62	.00	.03	.135	109.18
7.5200	.62	82.72	82.79	.00	.04	.137	109.19
7.5600	.63	83.90	83.97	.00	.04	.139	109.19
7.6000	.64	85.09	85.17	.00	.04	.141	109.19
7.6400	.64	86.30	86.38	.00	.04	.143	109.19
7.6800	.65	87.51	87.59	.00	.04	.145	109.20
7.7200	.66	88.74	88.82	.00	.04	.147	109.20
7.7600	.67	89.98	90.07	.00	.04	.149	109.20
7.8000	.67	91.24	91.32	.00	.04	.151	109.20
7.8400	.68	92.50	92.59	.00	.04	.153	109.21
7.8800	.69	93.78	93.87	.00	.05	.155	109.21
7.9200	.70	95.07	95.16	.00	.05	.157	109.21
7.9600	.70	96.37	96.47	.00	.05	.159	109.22



LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
8.0000	.71	97.69	97.78	.00	.05	.161	109.22
8.0400	.72	99.02	99.11	.00	.05	.164	109.22
8.0800	.73	100.36	100.46	.00	.05	.166	109.22
8.1200	.74	101.72	101.82	.00	.05	.168	109.23
8.1600	.75	103.10	103.20	.00	.05	.170	109.23
8.2000	.76	104.50	104.60	.00	.05	.173	109.23
8.2400	.77	105.92	106.03	.00	.05	.175	109.24
8.2800	.79	107.37	107.48	.00	.05	.177	109.24
8.3200	.80	108.85	108.96	.00	.06	.180	109.24
8.3600	.82	110.35	110.47	.00	.06	.182	109.25
8.4000	.83	111.89	112.00	.00	.06	.185	109.25
8.4400	.84	113.45	113.56	.00	.06	.188	109.25
8.4800	.86	115.03	115.15	.00	.06	.190	109.26
8.5200	.88	116.65	116.77	.00	.06	.193	109.26
8.5600	.89	118.29	118.41	.00	.06	.196	109.26
8.6000	.90	119.96	120.08	.00	.06	.198	109.27
8.6400	.92	121.65	121.78	.00	.06	.201	109.27
8.6800	.93	123.38	123.51	.00	.07	.204	109.28
8.7200	.95	125.13	125.26	.00	.07	.207	109.28
8.7600	.97	126.91	127.04	.00	.07	.210	109.28
8.8000	.98	128.72	128.85	.00	.07	.213	109.29
8.8400	.99	130.55	130.69	.00	.07	.216	109.29
8.8800	1.01	132.42	132.56	.00	.07	.219	109.30
8.9200	1.03	134.31	134.45	.00	.07	.222	109.30
8.9600	1.04	136.23	136.37	.00	.07	.225	109.30
9.0000	1.06	138.18	138.33	.00	.07	.228	109.31
9.0400	1.07	140.16	140.31	.00	.07	.232	109.31
9.0800	1.09	142.16	142.32	.00	.08	.235	109.32
9.1200	1.10	144.20	144.35	.00	.08	.238	109.32
9.1600	1.12	146.27	146.42	.00	.08	.242	109.33
9.2000	1.13	148.36	148.52	.00	.08	.245	109.33
9.2400	1.15	150.49	150.65	.00	.08	.249	109.34
9.2800	1.16	152.64	152.80	.00	.08	.252	109.34
9.3200	1.18	154.83	154.99	.00	.08	.256	109.34
9.3600	1.20	157.04	157.20	.00	.08	.260	109.35
9.4000	1.21	159.28	159.45	.00	.08	.263	109.35
9.4400	1.23	161.56	161.72	.00	.08	.267	109.36
9.4800	1.24	163.86	164.02	.00	.08	.271	109.36
9.5200	1.26	166.19	166.36	.00	.08	.275	109.37
9.5600	1.27	168.55	168.72	.00	.09	.279	109.37
9.6000	1.29	170.94	171.11	.00	.09	.283	109.38
9.6400	1.30	173.36	173.53	.00	.09	.287	109.39

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
9.6800	1.32	175.81	175.98	.00	.09	.291	109.39
9.7200	1.34	178.29	178.46	.00	.09	.295	109.40
9.7600	1.35	180.80	180.97	.00	.09	.299	109.40
9.8000	1.37	183.33	183.51	.00	.09	.303	109.41
9.8400	1.38	185.90	186.08	.00	.09	.307	109.41
9.8800	1.40	188.50	188.68	.00	.09	.312	109.42
9.9200	1.41	191.13	191.31	.00	.09	.316	109.42
9.9600	1.43	193.78	193.97	.00	.09	.320	109.43
10.0000	1.45	196.47	196.66	.00	.09	.325	109.44
10.0400	1.46	199.19	199.38	.00	.10	.329	109.44
10.0800	1.48	201.94	202.13	.00	.10	.334	109.45
10.1200	1.50	204.73	204.92	.00	.10	.338	109.45
10.1600	1.53	207.57	207.76	.00	.10	.343	109.46
10.2000	1.56	210.45	210.65	.00	.10	.348	109.47
10.2400	1.58	213.39	213.59	.00	.10	.353	109.47
10.2800	1.61	216.39	216.59	.00	.10	.358	109.48
10.3200	1.64	219.45	219.65	.00	.10	.363	109.49
10.3600	1.68	222.56	222.77	.00	.10	.368	109.49
10.4000	1.71	225.74	225.94	.00	.10	.373	109.50
10.4400	1.74	228.97	229.18	.00	.10	.379	109.51
10.4800	1.77	232.27	232.48	.00	.10	.384	109.51
10.5200	1.80	235.63	235.84	.00	.11	.390	109.52
10.5600	1.83	239.05	239.27	.00	.11	.395	109.53
10.6000	1.86	242.53	242.75	.00	.11	.401	109.54
10.6400	1.90	246.08	246.29	.00	.11	.407	109.54
10.6800	1.93	249.68	249.90	.00	.11	.413	109.55
10.7200	1.96	253.35	253.57	.00	.11	.419	109.56
10.7600	1.99	257.07	257.30	.00	.11	.425	109.57
10.8000	2.02	260.86	261.09	.00	.11	.431	109.57
10.8400	2.05	264.71	264.94	.00	.11	.438	109.58
10.8800	2.09	268.62	268.85	.00	.11	.444	109.59
10.9200	2.12	272.60	272.83	.00	.12	.451	109.60
10.9600	2.15	276.63	276.86	.00	.12	.457	109.61
11.0000	2.18	280.73	280.96	.00	.12	.464	109.62
11.0400	2.22	284.89	285.13	.00	.12	.471	109.63
11.0800	2.27	289.14	289.38	.00	.12	.478	109.64
11.1200	2.34	293.51	293.75	.00	.12	.485	109.64
11.1600	2.42	298.02	298.26	.00	.12	.493	109.65
11.2000	2.51	302.70	302.95	.00	.12	.500	109.66
11.2400	2.61	307.58	307.83	.00	.12	.509	109.67
11.2800	2.73	312.67	312.92	.00	.12	.517	109.69
11.3200	2.84	318.00	318.25	.00	.13	.526	109.70

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
11.3600	2.96	323.55	323.80	.00	.13	.535	109.71
11.4000	3.08	329.33	329.58	.00	.13	.544	109.72
11.4400	3.19	335.34	335.60	.00	.13	.554	109.73
11.4800	3.31	341.59	341.85	.00	.13	.565	109.75
11.5200	3.46	348.09	348.36	.00	.13	.575	109.76
11.5600	3.72	355.00	355.27	.00	.13	.587	109.77
11.6000	4.14	362.60	362.87	.00	.14	.600	109.79
11.6400	4.70	371.16	371.44	.00	.14	.614	109.81
11.6800	5.51	381.10	381.38	.00	.14	.630	109.83
11.7200	6.45	392.78	393.06	.00	.14	.649	109.85
11.7600	7.48	406.42	406.71	.00	.14	.672	109.88
11.8000	8.56	422.17	422.46	.00	.15	.698	109.92
11.8400	9.63	440.06	440.36	.00	.15	.728	109.95
11.8800	10.78	460.16	460.47	.00	.15	.761	109.99
11.9200	12.12	482.74	483.05	.00	.16	.798	110.04
11.9600	14.45	508.98	509.30	.00	.16	.842	110.08
12.0000	18.18	541.27	541.61	.00	.17	.895	110.14
12.0400	21.93	581.04	581.39	.00	.17	.961	110.22
12.0800	24.73	627.35	627.70	.00	.18	1.037	110.30
12.1200	26.29	678.00	678.37	.00	.19	1.121	110.39
12.1600	25.92	729.83	730.21	.00	.19	1.207	110.48
12.2000	23.27	778.62	779.02	.00	.20	1.287	110.57
12.2400	20.08	821.56	821.97	.00	.20	1.358	110.65
12.2800	17.38	858.60	859.01	.00	.21	1.419	110.71
12.3200	15.37	890.93	891.35	.00	.21	1.473	110.77
12.3600	13.72	919.59	920.02	.00	.21	1.520	110.82
12.4000	12.24	945.12	945.56	.00	.22	1.562	110.86
12.4400	10.90	967.83	968.27	.00	.22	1.600	110.90
12.4800	9.54	987.82	988.27	.00	.22	1.633	110.93
12.5200	8.24	1005.16	1005.60	.00	.22	1.662	110.96
12.5600	7.10	1020.04	1020.49	.00	.23	1.686	110.99
12.6000	6.12	1032.81	1033.26	.00	.23	1.707	111.01
12.6400	5.37	1043.85	1044.31	.00	.23	1.726	111.03
12.6800	4.84	1053.61	1054.07	.00	.23	1.742	111.05
12.7200	4.49	1062.49	1062.95	.00	.23	1.756	111.06
12.7600	4.24	1070.76	1071.22	.00	.23	1.770	111.08
12.8000	4.04	1078.58	1079.04	.00	.23	1.783	111.09
12.8400	3.87	1086.03	1086.49	.00	.23	1.795	111.10
12.8800	3.72	1093.16	1093.62	.00	.23	1.807	111.11
12.9200	3.57	1099.98	1100.44	.00	.23	1.818	111.13
12.9600	3.43	1106.51	1106.98	.00	.23	1.829	111.14
13.0000	3.29	1112.77	1113.24	.00	.23	1.840	111.15

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
13.0400	3.16	1118.75	1119.22	.00	.23	1.849	111.16
13.0800	3.05	1124.49	1124.96	.00	.24	1.859	111.17
13.1200	2.95	1130.01	1130.49	.00	.24	1.868	111.18
13.1600	2.87	1135.36	1135.83	.00	.24	1.877	111.19
13.2000	2.81	1140.56	1141.04	.00	.24	1.886	111.19
13.2400	2.76	1145.66	1146.13	.00	.24	1.894	111.20
13.2800	2.72	1150.66	1151.14	.00	.24	1.902	111.21
13.3200	2.68	1155.58	1156.06	.00	.24	1.910	111.22
13.3600	2.64	1160.43	1160.91	.00	.24	1.918	111.23
13.4000	2.61	1165.20	1165.68	.00	.24	1.926	111.24
13.4400	2.57	1169.90	1170.38	.00	.24	1.934	111.24
13.4800	2.54	1174.53	1175.01	.00	.24	1.942	111.25
13.5200	2.50	1179.09	1179.57	.00	.24	1.949	111.26
13.5600	2.47	1183.58	1184.06	.00	.24	1.957	111.27
13.6000	2.43	1187.99	1188.48	.00	.24	1.964	111.27
13.6400	2.40	1192.34	1192.82	.00	.24	1.971	111.28
13.6800	2.36	1196.61	1197.10	.00	.24	1.978	111.29
13.7200	2.33	1200.81	1201.30	.00	.24	1.985	111.30
13.7600	2.29	1204.94	1205.43	.00	.24	1.992	111.30
13.8000	2.25	1209.00	1209.49	.00	.24	1.999	111.31
13.8400	2.22	1212.99	1213.47	.00	.24	2.005	111.32
13.8800	2.18	1216.90	1217.39	.00	.24	2.012	111.32
13.9200	2.15	1220.74	1221.23	.00	.24	2.018	111.33
13.9600	2.11	1224.51	1225.00	.00	.24	2.024	111.33
14.0000	2.07	1228.20	1228.69	.00	.25	2.030	111.34
14.0400	2.04	1231.82	1232.31	.00	.25	2.036	111.35
14.0800	2.01	1235.38	1235.87	.00	.25	2.042	111.35
14.1200	1.98	1238.87	1239.36	.00	.25	2.048	111.36
14.1600	1.95	1242.30	1242.80	.00	.25	2.054	111.36
14.2000	1.93	1245.69	1246.19	.00	.25	2.059	111.37
14.2400	1.91	1249.04	1249.53	.00	.25	2.065	111.38
14.2800	1.89	1252.35	1252.84	.00	.25	2.070	111.38
14.3200	1.87	1255.62	1256.12	.00	.25	2.076	111.39
14.3600	1.86	1258.86	1259.35	.00	.25	2.081	111.39
14.4000	1.84	1262.06	1262.55	.00	.25	2.086	111.40
14.4400	1.82	1265.22	1265.72	.00	.25	2.092	111.40
14.4800	1.81	1268.35	1268.85	.00	.25	2.097	111.41
14.5200	1.79	1271.45	1271.95	.00	.25	2.102	111.41
14.5600	1.77	1274.51	1275.01	.00	.25	2.107	111.42
14.6000	1.75	1277.54	1278.03	.00	.25	2.112	111.42
14.6400	1.74	1280.53	1281.03	.00	.25	2.117	111.43
14.6800	1.72	1283.48	1283.98	.00	.25	2.122	111.43

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
14.7200	1.70	1286.40	1286.90	.00	.25	2.127	111.44
14.7600	1.68	1289.29	1289.79	.00	.25	2.131	111.44
14.8000	1.67	1292.14	1292.64	.00	.25	2.136	111.45
14.8400	1.65	1294.95	1295.45	.00	.25	2.141	111.45
14.8800	1.63	1297.73	1298.23	.00	.25	2.145	111.46
14.9200	1.61	1300.47	1300.97	.00	.25	2.150	111.46
14.9600	1.60	1303.18	1303.68	.00	.25	2.154	111.47
15.0000	1.58	1305.85	1306.35	.00	.25	2.159	111.47
15.0400	1.56	1308.48	1308.99	.00	.25	2.163	111.47
15.0800	1.54	1311.08	1311.59	.00	.25	2.167	111.48
15.1200	1.53	1313.65	1314.15	.00	.25	2.172	111.48
15.1600	1.51	1316.18	1316.68	.00	.25	2.176	111.49
15.2000	1.49	1318.67	1319.17	.00	.25	2.180	111.49
15.2400	1.47	1321.12	1321.63	.00	.25	2.184	111.49
15.2800	1.45	1323.54	1324.05	.00	.25	2.188	111.50
15.3200	1.44	1325.93	1326.43	.00	.25	2.192	111.50
15.3600	1.42	1328.27	1328.78	.00	.25	2.196	111.51
15.4000	1.40	1330.58	1331.09	.00	.25	2.200	111.51
15.4400	1.38	1332.86	1333.37	.00	.25	2.203	111.51
15.4800	1.36	1335.10	1335.60	.00	.25	2.207	111.52
15.5200	1.35	1337.30	1337.81	.00	.25	2.211	111.52
15.5600	1.33	1339.46	1339.97	.00	.26	2.214	111.52
15.6000	1.31	1341.59	1342.10	.00	.26	2.218	111.53
15.6400	1.29	1343.68	1344.19	.00	.26	2.221	111.53
15.6800	1.27	1345.74	1346.25	.00	.26	2.225	111.54
15.7200	1.26	1347.75	1348.27	.00	.26	2.228	111.54
15.7600	1.24	1349.74	1350.25	.00	.26	2.231	111.54
15.8000	1.22	1351.68	1352.19	.00	.26	2.235	111.54
15.8400	1.20	1353.59	1354.10	.00	.26	2.238	111.55
15.8800	1.18	1355.46	1355.97	.00	.26	2.241	111.55
15.9200	1.16	1357.29	1357.81	.00	.26	2.244	111.55
15.9600	1.15	1359.09	1359.60	.00	.26	2.247	111.56
16.0000	1.13	1360.85	1361.36	.00	.26	2.250	111.56
16.0400	1.11	1362.57	1363.09	.00	.26	2.253	111.56
16.0800	1.09	1364.26	1364.78	.00	.26	2.255	111.57
16.1200	1.08	1365.92	1366.44	.00	.26	2.258	111.57
16.1600	1.07	1367.56	1368.07	.00	.26	2.261	111.57
16.2000	1.06	1369.17	1369.68	.00	.26	2.263	111.57
16.2400	1.05	1370.76	1371.27	.00	.26	2.266	111.58
16.2800	1.04	1372.32	1372.84	.00	.26	2.269	111.58
16.3200	1.03	1373.88	1374.39	.00	.26	2.271	111.58
16.3600	1.02	1375.42	1375.93	.00	.26	2.274	111.58

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
16.4000	1.01	1376.94	1377.45	.00	.26	2.276	111.59
16.4400	1.01	1378.44	1378.96	.00	.26	2.279	111.59
16.4800	1.00	1379.93	1380.44	.00	.26	2.281	111.59
16.5200	.99	1381.40	1381.91	.00	.26	2.284	111.59
16.5600	.98	1382.85	1383.37	.00	.26	2.286	111.60
16.6000	.97	1384.29	1384.81	.00	.26	2.289	111.60
16.6400	.97	1385.72	1386.23	.00	.26	2.291	111.60
16.6800	.96	1387.12	1387.64	.00	.26	2.293	111.60
16.7200	.95	1388.51	1389.03	.00	.26	2.295	111.61
16.7600	.94	1389.89	1390.41	.00	.26	2.298	111.61
16.8000	.94	1391.25	1391.77	.00	.26	2.300	111.61
16.8400	.93	1392.59	1393.11	.00	.26	2.302	111.61
16.8800	.92	1393.92	1394.44	.00	.26	2.304	111.61
16.9200	.91	1395.23	1395.75	.00	.26	2.307	111.62
16.9600	.90	1396.52	1397.04	.00	.26	2.309	111.62
17.0000	.90	1397.80	1398.32	.00	.26	2.311	111.62
17.0400	.89	1399.06	1399.58	.00	.26	2.313	111.62
17.0800	.88	1400.31	1400.83	.00	.26	2.315	111.62
17.1200	.87	1401.54	1402.06	.00	.26	2.317	111.63
17.1600	.86	1402.75	1403.27	.00	.26	2.319	111.63
17.2000	.86	1403.95	1404.47	.00	.26	2.321	111.63
17.2400	.85	1405.13	1405.65	.00	.26	2.323	111.63
17.2800	.84	1406.29	1406.82	.00	.26	2.325	111.63
17.3200	.83	1407.44	1407.96	.00	.26	2.327	111.64
17.3600	.82	1408.58	1409.10	.00	.26	2.329	111.64
17.4000	.81	1409.69	1410.21	.00	.26	2.330	111.64
17.4400	.81	1410.79	1411.31	.00	.26	2.332	111.64
17.4800	.80	1411.87	1412.39	.00	.26	2.334	111.64
17.5200	.79	1412.94	1413.46	.00	.26	2.336	111.64
17.5600	.78	1413.99	1414.51	.00	.26	2.338	111.65
17.6000	.77	1415.02	1415.55	.00	.26	2.339	111.65
17.6400	.77	1416.04	1416.57	.00	.26	2.341	111.65
17.6800	.76	1417.04	1417.57	.00	.26	2.343	111.65
17.7200	.75	1418.03	1418.55	.00	.26	2.344	111.65
17.7600	.74	1419.00	1419.52	.00	.26	2.346	111.65
17.8000	.73	1419.95	1420.47	.00	.26	2.347	111.66
17.8400	.73	1420.88	1421.41	.00	.26	2.349	111.66
17.8800	.72	1421.80	1422.33	.00	.26	2.350	111.66
17.9200	.71	1422.70	1423.23	.00	.26	2.352	111.66
17.9600	.70	1423.59	1424.12	.00	.26	2.353	111.66
18.0000	.69	1424.46	1424.99	.00	.26	2.355	111.66
18.0400	.68	1425.32	1425.84	.00	.26	2.356	111.67

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
18.0800	.68	1426.15	1426.68	.00	.26	2.358	111.67
18.1200	.67	1426.98	1427.50	.00	.26	2.359	111.67
18.1600	.67	1427.79	1428.31	.00	.26	2.360	111.67
18.2000	.66	1428.59	1429.12	.00	.26	2.362	111.67
18.2400	.66	1429.39	1429.92	.00	.26	2.363	111.67
18.2800	.66	1430.19	1430.71	.00	.26	2.364	111.67
18.3200	.66	1430.97	1431.50	.00	.26	2.366	111.67
18.3600	.65	1431.76	1432.28	.00	.26	2.367	111.68
18.4000	.65	1432.53	1433.06	.00	.26	2.368	111.68
18.4400	.65	1433.30	1433.83	.00	.26	2.369	111.68
18.4800	.65	1434.07	1434.60	.00	.26	2.371	111.68
18.5200	.64	1434.83	1435.36	.00	.26	2.372	111.68
18.5600	.64	1435.59	1436.12	.00	.26	2.373	111.68
18.6000	.64	1436.34	1436.87	.00	.26	2.375	111.68
18.6400	.64	1437.09	1437.62	.00	.26	2.376	111.68
18.6800	.63	1437.84	1438.36	.00	.26	2.377	111.69
18.7200	.63	1438.57	1439.10	.00	.26	2.378	111.69
18.7600	.63	1439.31	1439.83	.00	.26	2.379	111.69
18.8000	.63	1440.03	1440.56	.00	.26	2.381	111.69
18.8400	.62	1440.76	1441.29	.00	.26	2.382	111.69
18.8800	.62	1441.48	1442.00	.00	.26	2.383	111.69
18.9200	.62	1442.19	1442.72	.00	.26	2.384	111.69
18.9600	.62	1442.90	1443.43	.00	.26	2.385	111.69
19.0000	.61	1443.60	1444.13	.00	.26	2.387	111.69
19.0400	.61	1444.30	1444.83	.00	.26	2.388	111.70
19.0800	.61	1445.00	1445.52	.00	.26	2.389	111.70
19.1200	.61	1445.69	1446.21	.00	.26	2.390	111.70
19.1600	.60	1446.37	1446.90	.00	.26	2.391	111.70
19.2000	.60	1447.05	1447.58	.00	.26	2.392	111.70
19.2400	.60	1447.72	1448.25	.00	.26	2.393	111.70
19.2800	.60	1448.39	1448.92	.00	.26	2.394	111.70
19.3200	.60	1449.06	1449.59	.00	.26	2.396	111.70
19.3600	.59	1449.72	1450.25	.00	.26	2.397	111.70
19.4000	.59	1450.37	1450.90	.00	.26	2.398	111.71
19.4400	.59	1451.02	1451.55	.00	.26	2.399	111.71
19.4800	.59	1451.67	1452.20	.00	.26	2.400	111.71
19.5200	.58	1452.31	1452.84	.00	.26	2.401	111.71
19.5600	.58	1452.94	1453.47	.00	.26	2.402	111.71
19.6000	.58	1453.57	1454.10	.00	.26	2.403	111.71
19.6400	.58	1454.20	1454.73	.00	.26	2.404	111.71
19.6800	.57	1454.82	1455.35	.00	.26	2.405	111.71
19.7200	.57	1455.43	1455.96	.00	.26	2.406	111.71

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
19.7600	.57	1456.04	1456.57	.00	.27	2.407	111.71
19.8000	.57	1456.65	1457.18	.00	.27	2.408	111.72
19.8400	.56	1457.25	1457.78	.00	.27	2.409	111.72
19.8800	.56	1457.85	1458.38	.00	.27	2.410	111.72
19.9200	.56	1458.44	1458.97	.00	.27	2.411	111.72
19.9600	.56	1459.02	1459.55	.00	.27	2.412	111.72
20.0000	.55	1459.60	1460.13	.00	.27	2.413	111.72
20.0400	.55	1460.18	1460.71	.00	.27	2.414	111.72
20.0800	.55	1460.75	1461.28	.00	.27	2.415	111.72
20.1200	.55	1461.32	1461.85	.00	.27	2.416	111.72
20.1600	.55	1461.88	1462.41	.00	.27	2.417	111.72
20.2000	.54	1462.44	1462.97	.00	.27	2.418	111.73
20.2400	.54	1462.99	1463.52	.00	.27	2.419	111.73
20.2800	.54	1463.54	1464.08	.00	.27	2.419	111.73
20.3200	.54	1464.09	1464.62	.00	.27	2.420	111.73
20.3600	.54	1464.64	1465.17	.00	.27	2.421	111.73
20.4000	.53	1465.18	1465.71	.00	.27	2.422	111.73
20.4400	.53	1465.71	1466.24	.00	.27	2.423	111.73
20.4800	.53	1466.24	1466.77	.00	.27	2.424	111.73
20.5200	.53	1466.77	1467.30	.00	.27	2.425	111.73
20.5600	.53	1467.29	1467.83	.00	.27	2.426	111.73
20.6000	.53	1467.82	1468.35	.00	.27	2.426	111.73
20.6400	.52	1468.33	1468.86	.00	.27	2.427	111.73
20.6800	.52	1468.85	1469.38	.00	.27	2.428	111.74
20.7200	.52	1469.35	1469.89	.00	.27	2.429	111.74
20.7600	.52	1469.86	1470.39	.00	.27	2.430	111.74
20.8000	.52	1470.36	1470.89	.00	.27	2.431	111.74
20.8400	.51	1470.86	1471.39	.00	.27	2.432	111.74
20.8800	.51	1471.35	1471.88	.00	.27	2.432	111.74
20.9200	.51	1471.84	1472.37	.00	.27	2.433	111.74
20.9600	.51	1472.33	1472.86	.00	.27	2.434	111.74
21.0000	.51	1472.81	1473.34	.00	.27	2.435	111.74
21.0400	.51	1473.29	1473.83	.00	.27	2.436	111.74
21.0800	.50	1473.77	1474.30	.00	.27	2.436	111.74
21.1200	.50	1474.25	1474.78	.00	.27	2.437	111.74
21.1600	.50	1474.71	1475.25	.00	.27	2.438	111.75
21.2000	.50	1475.18	1475.71	.00	.27	2.439	111.75
21.2400	.50	1475.64	1476.17	.00	.27	2.439	111.75
21.2800	.49	1476.10	1476.63	.00	.27	2.440	111.75
21.3200	.49	1476.55	1477.08	.00	.27	2.441	111.75
21.3600	.49	1477.00	1477.54	.00	.27	2.442	111.75
21.4000	.49	1477.45	1477.98	.00	.27	2.442	111.75



LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
21.4400	.49	1477.89	1478.43	.00	.27	2.443	111.75
21.4800	.49	1478.33	1478.86	.00	.27	2.444	111.75
21.5200	.48	1478.76	1479.30	.00	.27	2.445	111.75
21.5600	.48	1479.19	1479.73	.00	.27	2.445	111.75
21.6000	.48	1479.62	1480.15	.00	.27	2.446	111.75
21.6400	.48	1480.04	1480.58	.00	.27	2.447	111.75
21.6800	.48	1480.46	1481.00	.00	.27	2.447	111.75
21.7200	.47	1480.88	1481.41	.00	.27	2.448	111.76
21.7600	.47	1481.29	1481.83	.00	.27	2.449	111.76
21.8000	.47	1481.70	1482.23	.00	.27	2.449	111.76
21.8400	.47	1482.11	1482.64	.00	.27	2.450	111.76
21.8800	.47	1482.51	1483.04	.00	.27	2.451	111.76
21.9200	.47	1482.91	1483.44	.00	.27	2.451	111.76
21.9600	.46	1483.30	1483.84	.00	.27	2.452	111.76
22.0000	.46	1483.69	1484.23	.00	.27	2.453	111.76
22.0400	.46	1484.08	1484.62	.00	.27	2.453	111.76
22.0800	.46	1484.46	1485.00	.00	.27	2.454	111.76
22.1200	.46	1484.84	1485.38	.00	.27	2.455	111.76
22.1600	.45	1485.22	1485.75	.00	.27	2.455	111.76
22.2000	.45	1485.59	1486.12	.00	.27	2.456	111.76
22.2400	.45	1485.96	1486.49	.00	.27	2.456	111.76
22.2800	.45	1486.32	1486.86	.00	.27	2.457	111.76
22.3200	.45	1486.68	1487.22	.00	.27	2.458	111.76
22.3600	.44	1487.04	1487.57	.00	.27	2.458	111.77
22.4000	.44	1487.39	1487.92	.00	.27	2.459	111.77
22.4400	.44	1487.73	1488.27	.00	.27	2.459	111.77
22.4800	.44	1488.08	1488.62	.00	.27	2.460	111.77
22.5200	.44	1488.42	1488.96	.00	.27	2.461	111.77
22.5600	.44	1488.76	1489.29	.00	.27	2.461	111.77
22.6000	.43	1489.09	1489.63	.00	.27	2.462	111.77
22.6400	.43	1489.42	1489.96	.00	.27	2.462	111.77
22.6800	.43	1489.75	1490.29	.00	.27	2.463	111.77
22.7200	.43	1490.08	1490.61	.00	.27	2.463	111.77
22.7600	.43	1490.40	1490.93	.00	.27	2.464	111.77
22.8000	.42	1490.71	1491.25	.00	.27	2.464	111.77
22.8400	.42	1491.02	1491.56	.00	.27	2.465	111.77
22.8800	.42	1491.33	1491.86	.00	.27	2.465	111.77
22.9200	.42	1491.63	1492.17	.00	.27	2.466	111.77
22.9600	.42	1491.93	1492.47	.00	.27	2.466	111.77
23.0000	.42	1492.23	1492.77	.00	.27	2.467	111.77
23.0400	.41	1492.52	1493.06	.00	.27	2.467	111.77
23.0800	.41	1492.81	1493.35	.00	.27	2.468	111.77

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
23.1200	.41	1493.10	1493.63	.00	.27	2.468	111.77
23.1600	.41	1493.37	1493.91	.00	.27	2.469	111.78
23.2000	.41	1493.65	1494.19	.00	.27	2.469	111.78
23.2400	.40	1493.92	1494.46	.00	.27	2.470	111.78
23.2800	.40	1494.19	1494.73	.00	.27	2.470	111.78
23.3200	.40	1494.46	1495.00	.00	.27	2.471	111.78
23.3600	.40	1494.72	1495.26	.00	.27	2.471	111.78
23.4000	.40	1494.98	1495.52	.00	.27	2.471	111.78
23.4400	.40	1495.24	1495.77	.00	.27	2.472	111.78
23.4800	.39	1495.49	1496.03	.00	.27	2.472	111.78
23.5200	.39	1495.74	1496.27	.00	.27	2.473	111.78
23.5600	.39	1495.98	1496.52	.00	.27	2.473	111.78
23.6000	.39	1496.22	1496.76	.00	.27	2.473	111.78
23.6400	.39	1496.46	1496.99	.00	.27	2.474	111.78
23.6800	.38	1496.69	1497.23	.00	.27	2.474	111.78
23.7200	.38	1496.92	1497.45	.00	.27	2.475	111.78
23.7600	.38	1497.14	1497.68	.00	.27	2.475	111.78
23.8000	.38	1497.36	1497.90	.00	.27	2.475	111.78
23.8400	.38	1497.58	1498.12	.00	.27	2.476	111.78
23.8800	.37	1497.79	1498.33	.00	.27	2.476	111.78
23.9200	.37	1498.00	1498.54	.00	.27	2.476	111.78
23.9600	.37	1498.21	1498.74	.00	.27	2.477	111.78
24.0000	.37	1498.40	1498.94	.00	.27	2.477	111.78
24.0400	.35	1498.58	1499.12	.00	.27	2.477	111.78
24.0800	.28	1498.67	1499.20	.00	.27	2.478	111.78
24.1200	.18	1498.59	1499.13	.00	.27	2.477	111.78
24.1600	.10	1498.34	1498.87	.00	.27	2.477	111.78
24.2000	.06	1497.96	1498.49	.00	.27	2.476	111.78
24.2400	.03	1497.51	1498.05	.00	.27	2.476	111.78
24.2800	.02	1497.02	1497.56	.00	.27	2.475	111.78
24.3200	.01	1496.51	1497.05	.00	.27	2.474	111.78
24.3600	.00	1495.99	1496.52	.00	.27	2.473	111.78
24.4000	.00	1495.46	1496.00	.00	.27	2.472	111.78
24.4400	.00	1494.93	1495.46	.00	.27	2.471	111.78
24.4800	.00	1494.39	1494.93	.00	.27	2.470	111.78
24.5200	.00	1493.85	1494.39	.00	.27	2.470	111.78
24.5600	.00	1493.32	1493.85	.00	.27	2.469	111.78
24.6000	.00	1492.78	1493.32	.00	.27	2.468	111.77
24.6400	.00	1492.25	1492.78	.00	.27	2.467	111.77
24.6800	.00	1491.71	1492.25	.00	.27	2.466	111.77
24.7200	.00	1491.17	1491.71	.00	.27	2.465	111.77
24.7600	.00	1490.64	1491.17	.00	.27	2.464	111.77

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
24.8000	.00	1490.10	1490.64	.00	.27	2.463	111.77
24.8400	.00	1489.57	1490.10	.00	.27	2.462	111.77
24.8800	.00	1489.03	1489.57	.00	.27	2.462	111.77
24.9200	.00	1488.50	1489.03	.00	.27	2.461	111.77
24.9600	.00	1487.96	1488.50	.00	.27	2.460	111.77
25.0000	.00	1487.43	1487.96	.00	.27	2.459	111.77
25.0400	.00	1486.89	1487.43	.00	.27	2.458	111.76
25.0800	.00	1486.36	1486.89	.00	.27	2.457	111.76
25.1200	.00	1485.82	1486.36	.00	.27	2.456	111.76
25.1600	.00	1485.29	1485.82	.00	.27	2.455	111.76
25.2000	.00	1484.75	1485.29	.00	.27	2.454	111.76
25.2400	.00	1484.22	1484.75	.00	.27	2.454	111.76
25.2800	.00	1483.68	1484.22	.00	.27	2.453	111.76
25.3200	.00	1483.15	1483.68	.00	.27	2.452	111.76
25.3600	.00	1482.61	1483.15	.00	.27	2.451	111.76
25.4000	.00	1482.08	1482.61	.00	.27	2.450	111.76
25.4400	.00	1481.55	1482.08	.00	.27	2.449	111.76
25.4800	.00	1481.01	1481.55	.00	.27	2.448	111.76
25.5200	.00	1480.48	1481.01	.00	.27	2.447	111.75
25.5600	.00	1479.94	1480.48	.00	.27	2.447	111.75
25.6000	.00	1479.41	1479.94	.00	.27	2.446	111.75
25.6400	.00	1478.88	1479.41	.00	.27	2.445	111.75
25.6800	.00	1478.34	1478.88	.00	.27	2.444	111.75
25.7200	.00	1477.81	1478.34	.00	.27	2.443	111.75
25.7600	.00	1477.28	1477.81	.00	.27	2.442	111.75
25.8000	.00	1476.74	1477.28	.00	.27	2.441	111.75
25.8400	.00	1476.21	1476.74	.00	.27	2.440	111.75
25.8800	.00	1475.68	1476.21	.00	.27	2.439	111.75
25.9200	.00	1475.14	1475.68	.00	.27	2.439	111.75
25.9600	.00	1474.61	1475.14	.00	.27	2.438	111.74
26.0000	.00	1474.08	1474.61	.00	.27	2.437	111.74
26.0400	.00	1473.54	1474.08	.00	.27	2.436	111.74
26.0800	.00	1473.01	1473.54	.00	.27	2.435	111.74
26.1200	.00	1472.48	1473.01	.00	.27	2.434	111.74
26.1600	.00	1471.95	1472.48	.00	.27	2.433	111.74
26.2000	.00	1471.41	1471.95	.00	.27	2.432	111.74
26.2400	.00	1470.88	1471.41	.00	.27	2.432	111.74
26.2800	.00	1470.35	1470.88	.00	.27	2.431	111.74
26.3200	.00	1469.82	1470.35	.00	.27	2.430	111.74
26.3600	.00	1469.28	1469.82	.00	.27	2.429	111.74
26.4000	.00	1468.75	1469.28	.00	.27	2.428	111.74
26.4400	.00	1468.22	1468.75	.00	.27	2.427	111.73

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
26.4800	.00	1467.69	1468.22	.00	.27	2.426	111.73
26.5200	.00	1467.16	1467.69	.00	.27	2.425	111.73
26.5600	.00	1466.62	1467.16	.00	.27	2.425	111.73
26.6000	.00	1466.09	1466.62	.00	.27	2.424	111.73
26.6400	.00	1465.56	1466.09	.00	.27	2.423	111.73
26.6800	.00	1465.03	1465.56	.00	.27	2.422	111.73
26.7200	.00	1464.50	1465.03	.00	.27	2.421	111.73
26.7600	.00	1463.97	1464.50	.00	.27	2.420	111.73
26.8000	.00	1463.44	1463.97	.00	.27	2.419	111.73
26.8400	.00	1462.90	1463.44	.00	.27	2.418	111.73
26.8800	.00	1462.37	1462.90	.00	.27	2.418	111.73
26.9200	.00	1461.84	1462.37	.00	.27	2.417	111.72
26.9600	.00	1461.31	1461.84	.00	.27	2.416	111.72
27.0000	.00	1460.78	1461.31	.00	.27	2.415	111.72
27.0400	.00	1460.25	1460.78	.00	.27	2.414	111.72
27.0800	.00	1459.72	1460.25	.00	.27	2.413	111.72
27.1200	.00	1459.19	1459.72	.00	.27	2.412	111.72
27.1600	.00	1458.66	1459.19	.00	.27	2.411	111.72
27.2000	.00	1458.13	1458.66	.00	.27	2.411	111.72
27.2400	.00	1457.60	1458.13	.00	.27	2.410	111.72
27.2800	.00	1457.07	1457.60	.00	.27	2.409	111.72
27.3200	.00	1456.54	1457.07	.00	.27	2.408	111.72
27.3600	.00	1456.01	1456.54	.00	.27	2.407	111.71
27.4000	.00	1455.48	1456.01	.00	.26	2.406	111.71
27.4400	.00	1454.95	1455.48	.00	.26	2.405	111.71
27.4800	.00	1454.42	1454.95	.00	.26	2.404	111.71
27.5200	.00	1453.89	1454.42	.00	.26	2.404	111.71
27.5600	.00	1453.36	1453.89	.00	.26	2.403	111.71
27.6000	.00	1452.83	1453.36	.00	.26	2.402	111.71
27.6400	.00	1452.30	1452.83	.00	.26	2.401	111.71
27.6800	.00	1451.77	1452.30	.00	.26	2.400	111.71
27.7200	.00	1451.24	1451.77	.00	.26	2.399	111.71
27.7600	.00	1450.71	1451.24	.00	.26	2.398	111.71
27.8000	.00	1450.18	1450.71	.00	.26	2.397	111.71
27.8400	.00	1449.65	1450.18	.00	.26	2.397	111.70
27.8800	.00	1449.13	1449.65	.00	.26	2.396	111.70
27.9200	.00	1448.60	1449.13	.00	.26	2.395	111.70
27.9600	.00	1448.07	1448.60	.00	.26	2.394	111.70
28.0000	.00	1447.54	1448.07	.00	.26	2.393	111.70
28.0400	.00	1447.01	1447.54	.00	.26	2.392	111.70
28.0800	.00	1446.48	1447.01	.00	.26	2.391	111.70
28.1200	.00	1445.95	1446.48	.00	.26	2.390	111.70

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
28.1600	.00	1445.43	1445.95	.00	.26	2.390	111.70
28.2000	.00	1444.90	1445.43	.00	.26	2.389	111.70
28.2400	.00	1444.37	1444.90	.00	.26	2.388	111.70
28.2800	.00	1443.84	1444.37	.00	.26	2.387	111.70
28.3200	.00	1443.31	1443.84	.00	.26	2.386	111.69
28.3600	.00	1442.79	1443.31	.00	.26	2.385	111.69
28.4000	.00	1442.26	1442.79	.00	.26	2.384	111.69
28.4400	.00	1441.73	1442.26	.00	.26	2.383	111.69
28.4800	.00	1441.20	1441.73	.00	.26	2.383	111.69
28.5200	.00	1440.67	1441.20	.00	.26	2.382	111.69
28.5600	.00	1440.15	1440.67	.00	.26	2.381	111.69
28.6000	.00	1439.62	1440.15	.00	.26	2.380	111.69
28.6400	.00	1439.09	1439.62	.00	.26	2.379	111.69
28.6800	.00	1438.57	1439.09	.00	.26	2.378	111.69
28.7200	.00	1438.04	1438.57	.00	.26	2.377	111.69
28.7600	.00	1437.51	1438.04	.00	.26	2.376	111.68
28.8000	.00	1436.98	1437.51	.00	.26	2.376	111.68
28.8400	.00	1436.46	1436.98	.00	.26	2.375	111.68
28.8800	.00	1435.93	1436.46	.00	.26	2.374	111.68
28.9200	.00	1435.40	1435.93	.00	.26	2.373	111.68
28.9600	.00	1434.88	1435.40	.00	.26	2.372	111.68
29.0000	.00	1434.35	1434.88	.00	.26	2.371	111.68
29.0400	.00	1433.83	1434.35	.00	.26	2.370	111.68
29.0800	.00	1433.30	1433.83	.00	.26	2.369	111.68
29.1200	.00	1432.77	1433.30	.00	.26	2.369	111.68
29.1600	.00	1432.25	1432.77	.00	.26	2.368	111.68
29.2000	.00	1431.72	1432.25	.00	.26	2.367	111.68
29.2400	.00	1431.19	1431.72	.00	.26	2.366	111.67
29.2800	.00	1430.67	1431.19	.00	.26	2.365	111.67
29.3200	.00	1430.14	1430.67	.00	.26	2.364	111.67
29.3600	.00	1429.62	1430.14	.00	.26	2.363	111.67
29.4000	.00	1429.09	1429.62	.00	.26	2.362	111.67
29.4400	.00	1428.57	1429.09	.00	.26	2.362	111.67
29.4800	.00	1428.04	1428.57	.00	.26	2.361	111.67
29.5200	.00	1427.52	1428.04	.00	.26	2.360	111.67
29.5600	.00	1426.99	1427.52	.00	.26	2.359	111.67
29.6000	.00	1426.47	1426.99	.00	.26	2.358	111.67
29.6400	.00	1425.94	1426.47	.00	.26	2.357	111.67
29.6800	.00	1425.42	1425.94	.00	.26	2.356	111.67
29.7200	.00	1424.89	1425.42	.00	.26	2.356	111.66
29.7600	.00	1424.37	1424.89	.00	.26	2.355	111.66
29.8000	.00	1423.84	1424.37	.00	.26	2.354	111.66

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
29.8400	.00	1423.32	1423.84	.00	.26	2.353	111.66
29.8800	.00	1422.79	1423.32	.00	.26	2.352	111.66
29.9200	.00	1422.27	1422.79	.00	.26	2.351	111.66
29.9600	.00	1421.74	1422.27	.00	.26	2.350	111.66
30.0000	.00	1421.22	1421.74	.00	.26	2.349	111.66
30.0400	.00	1420.70	1421.22	.00	.26	2.349	111.66
30.0800	.00	1420.17	1420.70	.00	.26	2.348	111.66
30.1200	.00	1419.65	1420.17	.00	.26	2.347	111.66
30.1600	.00	1419.12	1419.65	.00	.26	2.346	111.66
30.2000	.00	1418.60	1419.12	.00	.26	2.345	111.65
30.2400	.00	1418.08	1418.60	.00	.26	2.344	111.65
30.2800	.00	1417.55	1418.08	.00	.26	2.343	111.65
30.3200	.00	1417.03	1417.55	.00	.26	2.343	111.65
30.3600	.00	1416.51	1417.03	.00	.26	2.342	111.65
30.4000	.00	1415.98	1416.51	.00	.26	2.341	111.65
30.4400	.00	1415.46	1415.98	.00	.26	2.340	111.65
30.4800	.00	1414.94	1415.46	.00	.26	2.339	111.65
30.5200	.00	1414.41	1414.94	.00	.26	2.338	111.65
30.5600	.00	1413.89	1414.41	.00	.26	2.337	111.65
30.6000	.00	1413.37	1413.89	.00	.26	2.336	111.65
30.6400	.00	1412.84	1413.37	.00	.26	2.336	111.64
30.6800	.00	1412.32	1412.84	.00	.26	2.335	111.64
30.7200	.00	1411.80	1412.32	.00	.26	2.334	111.64
30.7600	.00	1411.28	1411.80	.00	.26	2.333	111.64
30.8000	.00	1410.75	1411.28	.00	.26	2.332	111.64
30.8400	.00	1410.23	1410.75	.00	.26	2.331	111.64
30.8800	.00	1409.71	1410.23	.00	.26	2.330	111.64
30.9200	.00	1409.19	1409.71	.00	.26	2.330	111.64
30.9600	.00	1408.66	1409.19	.00	.26	2.329	111.64
31.0000	.00	1408.14	1408.66	.00	.26	2.328	111.64
31.0400	.00	1407.62	1408.14	.00	.26	2.327	111.64
31.0800	.00	1407.10	1407.62	.00	.26	2.326	111.64
31.1200	.00	1406.58	1407.10	.00	.26	2.325	111.63
31.1600	.00	1406.05	1406.58	.00	.26	2.324	111.63
31.2000	.00	1405.53	1406.05	.00	.26	2.324	111.63
31.2400	.00	1405.01	1405.53	.00	.26	2.323	111.63
31.2800	.00	1404.49	1405.01	.00	.26	2.322	111.63
31.3200	.00	1403.97	1404.49	.00	.26	2.321	111.63
31.3600	.00	1403.45	1403.97	.00	.26	2.320	111.63
31.4000	.00	1402.93	1403.45	.00	.26	2.319	111.63
31.4400	.00	1402.41	1402.93	.00	.26	2.318	111.63
31.4800	.00	1401.88	1402.41	.00	.26	2.318	111.63

LEVEL POOL ROUTING CALCULATIONS

HYG Dir               = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
31.5200	.00	1401.36	1401.88	.00	.26	2.317	111.63
31.5600	.00	1400.84	1401.36	.00	.26	2.316	111.63
31.6000	.00	1400.32	1400.84	.00	.26	2.315	111.62
31.6400	.00	1399.80	1400.32	.00	.26	2.314	111.62
31.6800	.00	1399.28	1399.80	.00	.26	2.313	111.62
31.7200	.00	1398.76	1399.28	.00	.26	2.312	111.62
31.7600	.00	1398.24	1398.76	.00	.26	2.312	111.62
31.8000	.00	1397.72	1398.24	.00	.26	2.311	111.62
31.8400	.00	1397.20	1397.72	.00	.26	2.310	111.62
31.8800	.00	1396.68	1397.20	.00	.26	2.309	111.62
31.9200	.00	1396.16	1396.68	.00	.26	2.308	111.62
31.9600	.00	1395.64	1396.16	.00	.26	2.307	111.62
32.0000	.00	1395.12	1395.64	.00	.26	2.306	111.62
32.0400	.00	1394.60	1395.12	.00	.26	2.306	111.62
32.0800	.00	1394.08	1394.60	.00	.26	2.305	111.61
32.1200	.00	1393.56	1394.08	.00	.26	2.304	111.61
32.1600	.00	1393.04	1393.56	.00	.26	2.303	111.61
32.2000	.00	1392.52	1393.04	.00	.26	2.302	111.61
32.2400	.00	1392.00	1392.52	.00	.26	2.301	111.61
32.2800	.00	1391.48	1392.00	.00	.26	2.300	111.61
32.3200	.00	1390.96	1391.48	.00	.26	2.300	111.61
32.3600	.00	1390.44	1390.96	.00	.26	2.299	111.61
32.4000	.00	1389.93	1390.44	.00	.26	2.298	111.61
32.4400	.00	1389.41	1389.93	.00	.26	2.297	111.61
32.4800	.00	1388.89	1389.41	.00	.26	2.296	111.61
32.5200	.00	1388.37	1388.89	.00	.26	2.295	111.60
32.5600	.00	1387.85	1388.37	.00	.26	2.294	111.60
32.6000	.00	1387.33	1387.85	.00	.26	2.294	111.60
32.6400	.00	1386.81	1387.33	.00	.26	2.293	111.60
32.6800	.00	1386.29	1386.81	.00	.26	2.292	111.60
32.7200	.00	1385.78	1386.29	.00	.26	2.291	111.60
32.7600	.00	1385.26	1385.78	.00	.26	2.290	111.60
32.8000	.00	1384.74	1385.26	.00	.26	2.289	111.60
32.8400	.00	1384.22	1384.74	.00	.26	2.288	111.60
32.8800	.00	1383.70	1384.22	.00	.26	2.288	111.60
32.9200	.00	1383.19	1383.70	.00	.26	2.287	111.60
32.9600	.00	1382.67	1383.19	.00	.26	2.286	111.60
33.0000	.00	1382.15	1382.67	.00	.26	2.285	111.59
33.0400	.00	1381.63	1382.15	.00	.26	2.284	111.59
33.0800	.00	1381.12	1381.63	.00	.26	2.283	111.59
33.1200	.00	1380.60	1381.12	.00	.26	2.282	111.59
33.1600	.00	1380.08	1380.60	.00	.26	2.282	111.59

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
33.2000	.00	1379.56	1380.08	.00	.26	2.281	111.59
33.2400	.00	1379.05	1379.56	.00	.26	2.280	111.59
33.2800	.00	1378.53	1379.05	.00	.26	2.279	111.59
33.3200	.00	1378.01	1378.53	.00	.26	2.278	111.59
33.3600	.00	1377.50	1378.01	.00	.26	2.277	111.59
33.4000	.00	1376.98	1377.50	.00	.26	2.276	111.59
33.4400	.00	1376.46	1376.98	.00	.26	2.276	111.59
33.4800	.00	1375.95	1376.46	.00	.26	2.275	111.58
33.5200	.00	1375.43	1375.95	.00	.26	2.274	111.58
33.5600	.00	1374.91	1375.43	.00	.26	2.273	111.58
33.6000	.00	1374.40	1374.91	.00	.26	2.272	111.58
33.6400	.00	1373.88	1374.40	.00	.26	2.271	111.58
33.6800	.00	1373.36	1373.88	.00	.26	2.270	111.58
33.7200	.00	1372.85	1373.36	.00	.26	2.270	111.58
33.7600	.00	1372.33	1372.85	.00	.26	2.269	111.58
33.8000	.00	1371.82	1372.33	.00	.26	2.268	111.58
33.8400	.00	1371.30	1371.82	.00	.26	2.267	111.58
33.8800	.00	1370.78	1371.30	.00	.26	2.266	111.58
33.9200	.00	1370.27	1370.78	.00	.26	2.265	111.58
33.9600	.00	1369.75	1370.27	.00	.26	2.264	111.57
34.0000	.00	1369.24	1369.75	.00	.26	2.264	111.57
34.0400	.00	1368.72	1369.24	.00	.26	2.263	111.57
34.0800	.00	1368.21	1368.72	.00	.26	2.262	111.57
34.1200	.00	1367.69	1368.21	.00	.26	2.261	111.57
34.1600	.00	1367.18	1367.69	.00	.26	2.260	111.57
34.2000	.00	1366.66	1367.18	.00	.26	2.259	111.57
34.2400	.00	1366.15	1366.66	.00	.26	2.258	111.57
34.2800	.00	1365.63	1366.15	.00	.26	2.258	111.57
34.3200	.00	1365.12	1365.63	.00	.26	2.257	111.57
34.3600	.00	1364.60	1365.12	.00	.26	2.256	111.57
34.4000	.00	1364.09	1364.60	.00	.26	2.255	111.57
34.4400	.00	1363.57	1364.09	.00	.26	2.254	111.56
34.4800	.00	1363.06	1363.57	.00	.26	2.253	111.56
34.5200	.00	1362.54	1363.06	.00	.26	2.252	111.56
34.5600	.00	1362.03	1362.54	.00	.26	2.252	111.56
34.6000	.00	1361.52	1362.03	.00	.26	2.251	111.56
34.6400	.00	1361.00	1361.52	.00	.26	2.250	111.56
34.6800	.00	1360.49	1361.00	.00	.26	2.249	111.56
34.7200	.00	1359.97	1360.49	.00	.26	2.248	111.56
34.7600	.00	1359.46	1359.97	.00	.26	2.247	111.56
34.8000	.00	1358.95	1359.46	.00	.26	2.247	111.56
34.8400	.00	1358.43	1358.95	.00	.26	2.246	111.56



LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
34.8800	.00	1357.92	1358.43	.00	.26	2.245	111.56
34.9200	.00	1357.41	1357.92	.00	.26	2.244	111.55
34.9600	.00	1356.89	1357.41	.00	.26	2.243	111.55
35.0000	.00	1356.38	1356.89	.00	.26	2.242	111.55
35.0400	.00	1355.87	1356.38	.00	.26	2.241	111.55
35.0800	.00	1355.35	1355.87	.00	.26	2.241	111.55
35.1200	.00	1354.84	1355.35	.00	.26	2.240	111.55
35.1600	.00	1354.33	1354.84	.00	.26	2.239	111.55
35.2000	.00	1353.82	1354.33	.00	.26	2.238	111.55
35.2400	.00	1353.30	1353.82	.00	.26	2.237	111.55
35.2800	.00	1352.79	1353.30	.00	.26	2.236	111.55
35.3200	.00	1352.28	1352.79	.00	.26	2.235	111.55
35.3600	.00	1351.76	1352.28	.00	.26	2.235	111.54
35.4000	.00	1351.25	1351.76	.00	.26	2.234	111.54
35.4400	.00	1350.74	1351.25	.00	.26	2.233	111.54
35.4800	.00	1350.23	1350.74	.00	.26	2.232	111.54
35.5200	.00	1349.72	1350.23	.00	.26	2.231	111.54
35.5600	.00	1349.20	1349.72	.00	.26	2.230	111.54
35.6000	.00	1348.69	1349.20	.00	.26	2.230	111.54
35.6400	.00	1348.18	1348.69	.00	.26	2.229	111.54
35.6800	.00	1347.67	1348.18	.00	.26	2.228	111.54
35.7200	.00	1347.16	1347.67	.00	.26	2.227	111.54
35.7600	.00	1346.65	1347.16	.00	.26	2.226	111.54
35.8000	.00	1346.13	1346.65	.00	.26	2.225	111.54
35.8400	.00	1345.62	1346.13	.00	.26	2.225	111.53
35.8800	.00	1345.11	1345.62	.00	.26	2.224	111.53
35.9200	.00	1344.60	1345.11	.00	.26	2.223	111.53
35.9600	.00	1344.09	1344.60	.00	.26	2.222	111.53
36.0000	.00	1343.58	1344.09	.00	.26	2.221	111.53
36.0400	.00	1343.07	1343.58	.00	.26	2.220	111.53
36.0800	.00	1342.56	1343.07	.00	.26	2.219	111.53
36.1200	.00	1342.04	1342.56	.00	.26	2.219	111.53
36.1600	.00	1341.53	1342.04	.00	.26	2.218	111.53
36.2000	.00	1341.02	1341.53	.00	.26	2.217	111.53
36.2400	.00	1340.51	1341.02	.00	.26	2.216	111.53
36.2800	.00	1340.00	1340.51	.00	.26	2.215	111.53
36.3200	.00	1339.49	1340.00	.00	.26	2.214	111.52
36.3600	.00	1338.98	1339.49	.00	.26	2.214	111.52
36.4000	.00	1338.47	1338.98	.00	.26	2.213	111.52
36.4400	.00	1337.96	1338.47	.00	.26	2.212	111.52
36.4800	.00	1337.45	1337.96	.00	.25	2.211	111.52
36.5200	.00	1336.94	1337.45	.00	.25	2.210	111.52

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
36.5600	.00	1336.43	1336.94	.00	.25	2.209	111.52
36.6000	.00	1335.92	1336.43	.00	.25	2.208	111.52
36.6400	.00	1335.41	1335.92	.00	.25	2.208	111.52
36.6800	.00	1334.90	1335.41	.00	.25	2.207	111.52
36.7200	.00	1334.39	1334.90	.00	.25	2.206	111.52
36.7600	.00	1333.88	1334.39	.00	.25	2.205	111.52
36.8000	.00	1333.37	1333.88	.00	.25	2.204	111.51
36.8400	.00	1332.87	1333.37	.00	.25	2.203	111.51
36.8800	.00	1332.36	1332.87	.00	.25	2.203	111.51
36.9200	.00	1331.85	1332.36	.00	.25	2.202	111.51
36.9600	.00	1331.34	1331.85	.00	.25	2.201	111.51
37.0000	.00	1330.83	1331.34	.00	.25	2.200	111.51
37.0400	.00	1330.32	1330.83	.00	.25	2.199	111.51
37.0800	.00	1329.81	1330.32	.00	.25	2.198	111.51
37.1200	.00	1329.30	1329.81	.00	.25	2.198	111.51
37.1600	.00	1328.80	1329.30	.00	.25	2.197	111.51
37.2000	.00	1328.29	1328.80	.00	.25	2.196	111.51
37.2400	.00	1327.78	1328.29	.00	.25	2.195	111.51
37.2800	.00	1327.27	1327.78	.00	.25	2.194	111.50
37.3200	.00	1326.76	1327.27	.00	.25	2.193	111.50
37.3600	.00	1326.25	1326.76	.00	.25	2.193	111.50
37.4000	.00	1325.75	1326.25	.00	.25	2.192	111.50
37.4400	.00	1325.24	1325.75	.00	.25	2.191	111.50
37.4800	.00	1324.73	1325.24	.00	.25	2.190	111.50
37.5200	.00	1324.22	1324.73	.00	.25	2.189	111.50
37.5600	.00	1323.71	1324.22	.00	.25	2.188	111.50
37.6000	.00	1323.21	1323.71	.00	.25	2.188	111.50
37.6400	.00	1322.70	1323.21	.00	.25	2.187	111.50
37.6800	.00	1322.19	1322.70	.00	.25	2.186	111.50
37.7200	.00	1321.69	1322.19	.00	.25	2.185	111.50
37.7600	.00	1321.18	1321.69	.00	.25	2.184	111.49
37.8000	.00	1320.67	1321.18	.00	.25	2.183	111.49
37.8400	.00	1320.16	1320.67	.00	.25	2.182	111.49
37.8800	.00	1319.66	1320.16	.00	.25	2.182	111.49
37.9200	.00	1319.15	1319.66	.00	.25	2.181	111.49
37.9600	.00	1318.64	1319.15	.00	.25	2.180	111.49
38.0000	.00	1318.14	1318.64	.00	.25	2.179	111.49
38.0400	.00	1317.63	1318.14	.00	.25	2.178	111.49
38.0800	.00	1317.12	1317.63	.00	.25	2.177	111.49
38.1200	.00	1316.62	1317.12	.00	.25	2.177	111.49
38.1600	.00	1316.11	1316.62	.00	.25	2.176	111.49
38.2000	.00	1315.60	1316.11	.00	.25	2.175	111.49

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
38.2400	.00	1315.10	1315.60	.00	.25	2.174	111.48
38.2800	.00	1314.59	1315.10	.00	.25	2.173	111.48
38.3200	.00	1314.09	1314.59	.00	.25	2.172	111.48
38.3600	.00	1313.58	1314.09	.00	.25	2.172	111.48
38.4000	.00	1313.08	1313.58	.00	.25	2.171	111.48
38.4400	.00	1312.57	1313.08	.00	.25	2.170	111.48
38.4800	.00	1312.06	1312.57	.00	.25	2.169	111.48
38.5200	.00	1311.56	1312.06	.00	.25	2.168	111.48
38.5600	.00	1311.05	1311.56	.00	.25	2.167	111.48
38.6000	.00	1310.55	1311.05	.00	.25	2.167	111.48
38.6400	.00	1310.04	1310.55	.00	.25	2.166	111.48
38.6800	.00	1309.54	1310.04	.00	.25	2.165	111.48
38.7200	.00	1309.03	1309.54	.00	.25	2.164	111.47
38.7600	.00	1308.53	1309.03	.00	.25	2.163	111.47
38.8000	.00	1308.02	1308.53	.00	.25	2.162	111.47
38.8400	.00	1307.52	1308.02	.00	.25	2.162	111.47
38.8800	.00	1307.01	1307.52	.00	.25	2.161	111.47
38.9200	.00	1306.51	1307.01	.00	.25	2.160	111.47
38.9600	.00	1306.00	1306.51	.00	.25	2.159	111.47
39.0000	.00	1305.50	1306.00	.00	.25	2.158	111.47
39.0400	.00	1305.00	1305.50	.00	.25	2.157	111.47
39.0800	.00	1304.49	1305.00	.00	.25	2.157	111.47
39.1200	.00	1303.99	1304.49	.00	.25	2.156	111.47
39.1600	.00	1303.48	1303.99	.00	.25	2.155	111.47
39.2000	.00	1302.98	1303.48	.00	.25	2.154	111.46
39.2400	.00	1302.48	1302.98	.00	.25	2.153	111.46
39.2800	.00	1301.97	1302.48	.00	.25	2.152	111.46
39.3200	.00	1301.47	1301.97	.00	.25	2.152	111.46
39.3600	.00	1300.96	1301.47	.00	.25	2.151	111.46
39.4000	.00	1300.46	1300.96	.00	.25	2.150	111.46
39.4400	.00	1299.96	1300.46	.00	.25	2.149	111.46
39.4800	.00	1299.45	1299.96	.00	.25	2.148	111.46
39.5200	.00	1298.95	1299.45	.00	.25	2.147	111.46
39.5600	.00	1298.45	1298.95	.00	.25	2.147	111.46
39.6000	.00	1297.94	1298.45	.00	.25	2.146	111.46
39.6400	.00	1297.44	1297.94	.00	.25	2.145	111.46
39.6800	.00	1296.94	1297.44	.00	.25	2.144	111.45
39.7200	.00	1296.44	1296.94	.00	.25	2.143	111.45
39.7600	.00	1295.93	1296.44	.00	.25	2.142	111.45
39.8000	.00	1295.43	1295.93	.00	.25	2.142	111.45
39.8400	.00	1294.93	1295.43	.00	.25	2.141	111.45
39.8800	.00	1294.43	1294.93	.00	.25	2.140	111.45

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
39.9200	.00	1293.92	1294.43	.00	.25	2.139	111.45
39.9600	.00	1293.42	1293.92	.00	.25	2.138	111.45
40.0000	.00	1292.92	1293.42	.00	.25	2.137	111.45
40.0400	.00	1292.42	1292.92	.00	.25	2.137	111.45
40.0800	.00	1291.91	1292.42	.00	.25	2.136	111.45
40.1200	.00	1291.41	1291.91	.00	.25	2.135	111.45
40.1600	.00	1290.91	1291.41	.00	.25	2.134	111.44
40.2000	.00	1290.41	1290.91	.00	.25	2.133	111.44
40.2400	.00	1289.91	1290.41	.00	.25	2.132	111.44
40.2800	.00	1289.41	1289.91	.00	.25	2.132	111.44
40.3200	.00	1288.90	1289.41	.00	.25	2.131	111.44
40.3600	.00	1288.40	1288.90	.00	.25	2.130	111.44
40.4000	.00	1287.90	1288.40	.00	.25	2.129	111.44
40.4400	.00	1287.40	1287.90	.00	.25	2.128	111.44
40.4800	.00	1286.90	1287.40	.00	.25	2.127	111.44
40.5200	.00	1286.40	1286.90	.00	.25	2.127	111.44
40.5600	.00	1285.90	1286.40	.00	.25	2.126	111.44
40.6000	.00	1285.40	1285.90	.00	.25	2.125	111.44
40.6400	.00	1284.90	1285.40	.00	.25	2.124	111.43
40.6800	.00	1284.40	1284.90	.00	.25	2.123	111.43
40.7200	.00	1283.89	1284.40	.00	.25	2.122	111.43
40.7600	.00	1283.39	1283.89	.00	.25	2.122	111.43
40.8000	.00	1282.89	1283.39	.00	.25	2.121	111.43
40.8400	.00	1282.39	1282.89	.00	.25	2.120	111.43
40.8800	.00	1281.89	1282.39	.00	.25	2.119	111.43
40.9200	.00	1281.39	1281.89	.00	.25	2.118	111.43
40.9600	.00	1280.89	1281.39	.00	.25	2.118	111.43
41.0000	.00	1280.39	1280.89	.00	.25	2.117	111.43
41.0400	.00	1279.89	1280.39	.00	.25	2.116	111.43
41.0800	.00	1279.39	1279.89	.00	.25	2.115	111.43
41.1200	.00	1278.89	1279.39	.00	.25	2.114	111.42
41.1600	.00	1278.39	1278.89	.00	.25	2.113	111.42
41.2000	.00	1277.89	1278.39	.00	.25	2.113	111.42
41.2400	.00	1277.39	1277.89	.00	.25	2.112	111.42
41.2800	.00	1276.90	1277.39	.00	.25	2.111	111.42
41.3200	.00	1276.40	1276.90	.00	.25	2.110	111.42
41.3600	.00	1275.90	1276.40	.00	.25	2.109	111.42
41.4000	.00	1275.40	1275.90	.00	.25	2.108	111.42
41.4400	.00	1274.90	1275.40	.00	.25	2.108	111.42
41.4800	.00	1274.40	1274.90	.00	.25	2.107	111.42
41.5200	.00	1273.90	1274.40	.00	.25	2.106	111.42
41.5600	.00	1273.40	1273.90	.00	.25	2.105	111.42

LEVEL POOL ROUTING CALCULATIONS

HYG Dir           = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
41.6000	.00	1272.90	1273.40	.00	.25	2.104	111.42
41.6400	.00	1272.41	1272.90	.00	.25	2.104	111.41
41.6800	.00	1271.91	1272.41	.00	.25	2.103	111.41
41.7200	.00	1271.41	1271.91	.00	.25	2.102	111.41
41.7600	.00	1270.91	1271.41	.00	.25	2.101	111.41
41.8000	.00	1270.41	1270.91	.00	.25	2.100	111.41
41.8400	.00	1269.91	1270.41	.00	.25	2.099	111.41
41.8800	.00	1269.42	1269.91	.00	.25	2.099	111.41
41.9200	.00	1268.92	1269.42	.00	.25	2.098	111.41
41.9600	.00	1268.42	1268.92	.00	.25	2.097	111.41
42.0000	.00	1267.92	1268.42	.00	.25	2.096	111.41
42.0400	.00	1267.42	1267.92	.00	.25	2.095	111.41
42.0800	.00	1266.93	1267.42	.00	.25	2.094	111.41
42.1200	.00	1266.43	1266.93	.00	.25	2.094	111.40
42.1600	.00	1265.93	1266.43	.00	.25	2.093	111.40
42.2000	.00	1265.43	1265.93	.00	.25	2.092	111.40
42.2400	.00	1264.94	1265.43	.00	.25	2.091	111.40
42.2800	.00	1264.44	1264.94	.00	.25	2.090	111.40
42.3200	.00	1263.94	1264.44	.00	.25	2.090	111.40
42.3600	.00	1263.45	1263.94	.00	.25	2.089	111.40
42.4000	.00	1262.95	1263.45	.00	.25	2.088	111.40
42.4400	.00	1262.45	1262.95	.00	.25	2.087	111.40
42.4800	.00	1261.96	1262.45	.00	.25	2.086	111.40
42.5200	.00	1261.46	1261.96	.00	.25	2.085	111.40
42.5600	.00	1260.96	1261.46	.00	.25	2.085	111.40
42.6000	.00	1260.47	1260.96	.00	.25	2.084	111.39
42.6400	.00	1259.97	1260.47	.00	.25	2.083	111.39
42.6800	.00	1259.47	1259.97	.00	.25	2.082	111.39
42.7200	.00	1258.98	1259.47	.00	.25	2.081	111.39
42.7600	.00	1258.48	1258.98	.00	.25	2.081	111.39
42.8000	.00	1257.99	1258.48	.00	.25	2.080	111.39
42.8400	.00	1257.49	1257.99	.00	.25	2.079	111.39
42.8800	.00	1256.99	1257.49	.00	.25	2.078	111.39
42.9200	.00	1256.50	1256.99	.00	.25	2.077	111.39
42.9600	.00	1256.00	1256.50	.00	.25	2.076	111.39
43.0000	.00	1255.51	1256.00	.00	.25	2.076	111.39
43.0400	.00	1255.01	1255.51	.00	.25	2.075	111.39
43.0800	.00	1254.52	1255.01	.00	.25	2.074	111.38
43.1200	.00	1254.02	1254.52	.00	.25	2.073	111.38
43.1600	.00	1253.53	1254.02	.00	.25	2.072	111.38
43.2000	.00	1253.03	1253.53	.00	.25	2.071	111.38
43.2400	.00	1252.54	1253.03	.00	.25	2.071	111.38

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
43.2800	.00	1252.04	1252.54	.00	.25	2.070	111.38
43.3200	.00	1251.55	1252.04	.00	.25	2.069	111.38
43.3600	.00	1251.05	1251.55	.00	.25	2.068	111.38
43.4000	.00	1250.56	1251.05	.00	.25	2.067	111.38
43.4400	.00	1250.06	1250.56	.00	.25	2.067	111.38
43.4800	.00	1249.57	1250.06	.00	.25	2.066	111.38
43.5200	.00	1249.07	1249.57	.00	.25	2.065	111.38
43.5600	.00	1248.58	1249.07	.00	.25	2.064	111.37
43.6000	.00	1248.09	1248.58	.00	.25	2.063	111.37
43.6400	.00	1247.59	1248.09	.00	.25	2.062	111.37
43.6800	.00	1247.10	1247.59	.00	.25	2.062	111.37
43.7200	.00	1246.60	1247.10	.00	.25	2.061	111.37
43.7600	.00	1246.11	1246.60	.00	.25	2.060	111.37
43.8000	.00	1245.62	1246.11	.00	.25	2.059	111.37
43.8400	.00	1245.12	1245.62	.00	.25	2.058	111.37
43.8800	.00	1244.63	1245.12	.00	.25	2.058	111.37
43.9200	.00	1244.14	1244.63	.00	.25	2.057	111.37
43.9600	.00	1243.64	1244.14	.00	.25	2.056	111.37
44.0000	.00	1243.15	1243.64	.00	.25	2.055	111.37
44.0400	.00	1242.66	1243.15	.00	.25	2.054	111.36
44.0800	.00	1242.16	1242.66	.00	.25	2.053	111.36
44.1200	.00	1241.67	1242.16	.00	.25	2.053	111.36
44.1600	.00	1241.18	1241.67	.00	.25	2.052	111.36
44.2000	.00	1240.68	1241.18	.00	.25	2.051	111.36
44.2400	.00	1240.19	1240.68	.00	.25	2.050	111.36
44.2800	.00	1239.70	1240.19	.00	.25	2.049	111.36
44.3200	.00	1239.21	1239.70	.00	.25	2.049	111.36
44.3600	.00	1238.71	1239.21	.00	.25	2.048	111.36
44.4000	.00	1238.22	1238.71	.00	.25	2.047	111.36
44.4400	.00	1237.73	1238.22	.00	.25	2.046	111.36
44.4800	.00	1237.24	1237.73	.00	.25	2.045	111.36
44.5200	.00	1236.74	1237.24	.00	.25	2.045	111.35
44.5600	.00	1236.25	1236.74	.00	.25	2.044	111.35
44.6000	.00	1235.76	1236.25	.00	.25	2.043	111.35
44.6400	.00	1235.27	1235.76	.00	.25	2.042	111.35
44.6800	.00	1234.78	1235.27	.00	.25	2.041	111.35
44.7200	.00	1234.29	1234.78	.00	.25	2.040	111.35
44.7600	.00	1233.79	1234.29	.00	.25	2.040	111.35
44.8000	.00	1233.30	1233.79	.00	.25	2.039	111.35
44.8400	.00	1232.81	1233.30	.00	.25	2.038	111.35
44.8800	.00	1232.32	1232.81	.00	.25	2.037	111.35
44.9200	.00	1231.83	1232.32	.00	.25	2.036	111.35

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
44.9600	.00	1231.34	1231.83	.00	.25	2.036	111.35
45.0000	.00	1230.85	1231.34	.00	.25	2.035	111.35
45.0400	.00	1230.36	1230.85	.00	.25	2.034	111.34
45.0800	.00	1229.86	1230.36	.00	.25	2.033	111.34
45.1200	.00	1229.37	1229.86	.00	.25	2.032	111.34
45.1600	.00	1228.88	1229.37	.00	.25	2.032	111.34
45.2000	.00	1228.39	1228.88	.00	.25	2.031	111.34
45.2400	.00	1227.90	1228.39	.00	.25	2.030	111.34
45.2800	.00	1227.41	1227.90	.00	.25	2.029	111.34
45.3200	.00	1226.92	1227.41	.00	.25	2.028	111.34
45.3600	.00	1226.43	1226.92	.00	.25	2.027	111.34
45.4000	.00	1225.94	1226.43	.00	.25	2.027	111.34
45.4400	.00	1225.45	1225.94	.00	.25	2.026	111.34
45.4800	.00	1224.96	1225.45	.00	.24	2.025	111.34
45.5200	.00	1224.47	1224.96	.00	.24	2.024	111.33
45.5600	.00	1223.98	1224.47	.00	.24	2.023	111.33
45.6000	.00	1223.49	1223.98	.00	.24	2.023	111.33
45.6400	.00	1223.00	1223.49	.00	.24	2.022	111.33
45.6800	.00	1222.51	1223.00	.00	.24	2.021	111.33
45.7200	.00	1222.02	1222.51	.00	.24	2.020	111.33
45.7600	.00	1221.53	1222.02	.00	.24	2.019	111.33
45.8000	.00	1221.04	1221.53	.00	.24	2.019	111.33
45.8400	.00	1220.56	1221.04	.00	.24	2.018	111.33
45.8800	.00	1220.07	1220.56	.00	.24	2.017	111.33
45.9200	.00	1219.58	1220.07	.00	.24	2.016	111.33
45.9600	.00	1219.09	1219.58	.00	.24	2.015	111.33
46.0000	.00	1218.60	1219.09	.00	.24	2.015	111.32
46.0400	.00	1218.11	1218.60	.00	.24	2.014	111.32
46.0800	.00	1217.62	1218.11	.00	.24	2.013	111.32
46.1200	.00	1217.13	1217.62	.00	.24	2.012	111.32
46.1600	.00	1216.65	1217.13	.00	.24	2.011	111.32
46.2000	.00	1216.16	1216.65	.00	.24	2.011	111.32
46.2400	.00	1215.67	1216.16	.00	.24	2.010	111.32
46.2800	.00	1215.18	1215.67	.00	.24	2.009	111.32
46.3200	.00	1214.69	1215.18	.00	.24	2.008	111.32
46.3600	.00	1214.20	1214.69	.00	.24	2.007	111.32
46.4000	.00	1213.72	1214.20	.00	.24	2.006	111.32
46.4400	.00	1213.23	1213.72	.00	.24	2.006	111.32
46.4800	.00	1212.74	1213.23	.00	.24	2.005	111.32
46.5200	.00	1212.25	1212.74	.00	.24	2.004	111.31
46.5600	.00	1211.77	1212.25	.00	.24	2.003	111.31
46.6000	.00	1211.28	1211.77	.00	.24	2.002	111.31

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
46.6400	.00	1210.79	1211.28	.00	.24	2.002	111.31
46.6800	.00	1210.30	1210.79	.00	.24	2.001	111.31
46.7200	.00	1209.82	1210.30	.00	.24	2.000	111.31
46.7600	.00	1209.33	1209.82	.00	.24	1.999	111.31
46.8000	.00	1208.84	1209.33	.00	.24	1.998	111.31
46.8400	.00	1208.36	1208.84	.00	.24	1.998	111.31
46.8800	.00	1207.87	1208.36	.00	.24	1.997	111.31
46.9200	.00	1207.38	1207.87	.00	.24	1.996	111.31
46.9600	.00	1206.89	1207.38	.00	.24	1.995	111.31
47.0000	.00	1206.41	1206.89	.00	.24	1.994	111.30
47.0400	.00	1205.92	1206.41	.00	.24	1.994	111.30
47.0800	.00	1205.44	1205.92	.00	.24	1.993	111.30
47.1200	.00	1204.95	1205.44	.00	.24	1.992	111.30
47.1600	.00	1204.46	1204.95	.00	.24	1.991	111.30
47.2000	.00	1203.98	1204.46	.00	.24	1.990	111.30
47.2400	.00	1203.49	1203.98	.00	.24	1.990	111.30
47.2800	.00	1203.00	1203.49	.00	.24	1.989	111.30
47.3200	.00	1202.52	1203.00	.00	.24	1.988	111.30
47.3600	.00	1202.03	1202.52	.00	.24	1.987	111.30
47.4000	.00	1201.55	1202.03	.00	.24	1.986	111.30
47.4400	.00	1201.06	1201.55	.00	.24	1.986	111.30
47.4800	.00	1200.58	1201.06	.00	.24	1.985	111.29
47.5200	.00	1200.09	1200.58	.00	.24	1.984	111.29
47.5600	.00	1199.61	1200.09	.00	.24	1.983	111.29
47.6000	.00	1199.12	1199.61	.00	.24	1.982	111.29
47.6400	.00	1198.64	1199.12	.00	.24	1.982	111.29
47.6800	.00	1198.15	1198.64	.00	.24	1.981	111.29
47.7200	.00	1197.67	1198.15	.00	.24	1.980	111.29
47.7600	.00	1197.18	1197.67	.00	.24	1.979	111.29
47.8000	.00	1196.70	1197.18	.00	.24	1.978	111.29
47.8400	.00	1196.21	1196.70	.00	.24	1.978	111.29
47.8800	.00	1195.73	1196.21	.00	.24	1.977	111.29
47.9200	.00	1195.24	1195.73	.00	.24	1.976	111.29
47.9600	.00	1194.76	1195.24	.00	.24	1.975	111.28
48.0000	.00	1194.27	1194.76	.00	.24	1.974	111.28
48.0400	.00	1193.79	1194.27	.00	.24	1.974	111.28
48.0800	.00	1193.30	1193.79	.00	.24	1.973	111.28
48.1200	.00	1192.82	1193.30	.00	.24	1.972	111.28
48.1600	.00	1192.34	1192.82	.00	.24	1.971	111.28
48.2000	.00	1191.85	1192.34	.00	.24	1.970	111.28
48.2400	.00	1191.37	1191.85	.00	.24	1.970	111.28
48.2800	.00	1190.89	1191.37	.00	.24	1.969	111.28



LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
48.3200	.00	1190.40	1190.89	.00	.24	1.968	111.28
48.3600	.00	1189.92	1190.40	.00	.24	1.967	111.28
48.4000	.00	1189.43	1189.92	.00	.24	1.966	111.28
48.4400	.00	1188.95	1189.43	.00	.24	1.966	111.28
48.4800	.00	1188.47	1188.95	.00	.24	1.965	111.27
48.5200	.00	1187.99	1188.47	.00	.24	1.964	111.27
48.5600	.00	1187.50	1187.99	.00	.24	1.963	111.27
48.6000	.00	1187.02	1187.50	.00	.24	1.962	111.27
48.6400	.00	1186.54	1187.02	.00	.24	1.962	111.27
48.6800	.00	1186.05	1186.54	.00	.24	1.961	111.27
48.7200	.00	1185.57	1186.05	.00	.24	1.960	111.27
48.7600	.00	1185.09	1185.57	.00	.24	1.959	111.27
48.8000	.00	1184.61	1185.09	.00	.24	1.958	111.27
48.8400	.00	1184.12	1184.61	.00	.24	1.958	111.27
48.8800	.00	1183.64	1184.12	.00	.24	1.957	111.27
48.9200	.00	1183.16	1183.64	.00	.24	1.956	111.27
48.9600	.00	1182.68	1183.16	.00	.24	1.955	111.26
49.0000	.00	1182.19	1182.68	.00	.24	1.954	111.26
49.0400	.00	1181.71	1182.19	.00	.24	1.954	111.26
49.0800	.00	1181.23	1181.71	.00	.24	1.953	111.26
49.1200	.00	1180.75	1181.23	.00	.24	1.952	111.26
49.1600	.00	1180.27	1180.75	.00	.24	1.951	111.26
49.2000	.00	1179.79	1180.27	.00	.24	1.950	111.26
49.2400	.00	1179.30	1179.79	.00	.24	1.950	111.26
49.2800	.00	1178.82	1179.30	.00	.24	1.949	111.26
49.3200	.00	1178.34	1178.82	.00	.24	1.948	111.26
49.3600	.00	1177.86	1178.34	.00	.24	1.947	111.26
49.4000	.00	1177.38	1177.86	.00	.24	1.946	111.26
49.4400	.00	1176.90	1177.38	.00	.24	1.946	111.26
49.4800	.00	1176.42	1176.90	.00	.24	1.945	111.25
49.5200	.00	1175.94	1176.42	.00	.24	1.944	111.25
49.5600	.00	1175.46	1175.94	.00	.24	1.943	111.25
49.6000	.00	1174.97	1175.46	.00	.24	1.942	111.25
49.6400	.00	1174.49	1174.97	.00	.24	1.942	111.25
49.6800	.00	1174.01	1174.49	.00	.24	1.941	111.25
49.7200	.00	1173.53	1174.01	.00	.24	1.940	111.25
49.7600	.00	1173.05	1173.53	.00	.24	1.939	111.25
49.8000	.00	1172.57	1173.05	.00	.24	1.938	111.25
49.8400	.00	1172.09	1172.57	.00	.24	1.938	111.25
49.8800	.00	1171.61	1172.09	.00	.24	1.937	111.25
49.9200	.00	1171.13	1171.61	.00	.24	1.936	111.25
49.9600	.00	1170.65	1171.13	.00	.24	1.935	111.24

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
50.0000	.00	1170.17	1170.65	.00	.24	1.934	111.24
50.0400	.00	1169.69	1170.17	.00	.24	1.934	111.24
50.0800	.00	1169.21	1169.69	.00	.24	1.933	111.24
50.1200	.00	1168.73	1169.21	.00	.24	1.932	111.24
50.1600	.00	1168.25	1168.73	.00	.24	1.931	111.24
50.2000	.00	1167.78	1168.25	.00	.24	1.931	111.24
50.2400	.00	1167.30	1167.78	.00	.24	1.930	111.24
50.2800	.00	1166.82	1167.30	.00	.24	1.929	111.24
50.3200	.00	1166.34	1166.82	.00	.24	1.928	111.24
50.3600	.00	1165.86	1166.34	.00	.24	1.927	111.24
50.4000	.00	1165.38	1165.86	.00	.24	1.927	111.24
50.4400	.00	1164.90	1165.38	.00	.24	1.926	111.23
50.4800	.00	1164.42	1164.90	.00	.24	1.925	111.23
50.5200	.00	1163.94	1164.42	.00	.24	1.924	111.23
50.5600	.00	1163.47	1163.94	.00	.24	1.923	111.23
50.6000	.00	1162.99	1163.47	.00	.24	1.923	111.23
50.6400	.00	1162.51	1162.99	.00	.24	1.922	111.23
50.6800	.00	1162.03	1162.51	.00	.24	1.921	111.23
50.7200	.00	1161.55	1162.03	.00	.24	1.920	111.23
50.7600	.00	1161.07	1161.55	.00	.24	1.919	111.23
50.8000	.00	1160.60	1161.07	.00	.24	1.919	111.23
50.8400	.00	1160.12	1160.60	.00	.24	1.918	111.23
50.8800	.00	1159.64	1160.12	.00	.24	1.917	111.23
50.9200	.00	1159.16	1159.64	.00	.24	1.916	111.23
50.9600	.00	1158.68	1159.16	.00	.24	1.916	111.22
51.0000	.00	1158.21	1158.68	.00	.24	1.915	111.22
51.0400	.00	1157.73	1158.21	.00	.24	1.914	111.22
51.0800	.00	1157.25	1157.73	.00	.24	1.913	111.22
51.1200	.00	1156.78	1157.25	.00	.24	1.912	111.22
51.1600	.00	1156.30	1156.78	.00	.24	1.912	111.22
51.2000	.00	1155.82	1156.30	.00	.24	1.911	111.22
51.2400	.00	1155.34	1155.82	.00	.24	1.910	111.22
51.2800	.00	1154.87	1155.34	.00	.24	1.909	111.22
51.3200	.00	1154.39	1154.87	.00	.24	1.908	111.22
51.3600	.00	1153.91	1154.39	.00	.24	1.908	111.22
51.4000	.00	1153.44	1153.91	.00	.24	1.907	111.22
51.4400	.00	1152.96	1153.44	.00	.24	1.906	111.21
51.4800	.00	1152.48	1152.96	.00	.24	1.905	111.21
51.5200	.00	1152.01	1152.48	.00	.24	1.904	111.21
51.5600	.00	1151.53	1152.01	.00	.24	1.904	111.21
51.6000	.00	1151.05	1151.53	.00	.24	1.903	111.21
51.6400	.00	1150.58	1151.05	.00	.24	1.902	111.21

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
51.6800	.00	1150.10	1150.58	.00	.24	1.901	111.21
51.7200	.00	1149.63	1150.10	.00	.24	1.901	111.21
51.7600	.00	1149.15	1149.63	.00	.24	1.900	111.21
51.8000	.00	1148.68	1149.15	.00	.24	1.899	111.21
51.8400	.00	1148.20	1148.68	.00	.24	1.898	111.21
51.8800	.00	1147.72	1148.20	.00	.24	1.897	111.21
51.9200	.00	1147.25	1147.72	.00	.24	1.897	111.21
51.9600	.00	1146.77	1147.25	.00	.24	1.896	111.20
52.0000	.00	1146.30	1146.77	.00	.24	1.895	111.20
52.0400	.00	1145.82	1146.30	.00	.24	1.894	111.20
52.0800	.00	1145.35	1145.82	.00	.24	1.894	111.20
52.1200	.00	1144.87	1145.35	.00	.24	1.893	111.20
52.1600	.00	1144.40	1144.87	.00	.24	1.892	111.20
52.2000	.00	1143.92	1144.40	.00	.24	1.891	111.20
52.2400	.00	1143.45	1143.92	.00	.24	1.890	111.20
52.2800	.00	1142.97	1143.45	.00	.24	1.890	111.20
52.3200	.00	1142.50	1142.97	.00	.24	1.889	111.20
52.3600	.00	1142.02	1142.50	.00	.24	1.888	111.20
52.4000	.00	1141.55	1142.02	.00	.24	1.887	111.20
52.4400	.00	1141.08	1141.55	.00	.24	1.886	111.19
52.4800	.00	1140.60	1141.08	.00	.24	1.886	111.19
52.5200	.00	1140.13	1140.60	.00	.24	1.885	111.19
52.5600	.00	1139.65	1140.13	.00	.24	1.884	111.19
52.6000	.00	1139.18	1139.65	.00	.24	1.883	111.19
52.6400	.00	1138.71	1139.18	.00	.24	1.883	111.19
52.6800	.00	1138.23	1138.71	.00	.24	1.882	111.19
52.7200	.00	1137.76	1138.23	.00	.24	1.881	111.19
52.7600	.00	1137.28	1137.76	.00	.24	1.880	111.19
52.8000	.00	1136.81	1137.28	.00	.24	1.879	111.19
52.8400	.00	1136.34	1136.81	.00	.24	1.879	111.19
52.8800	.00	1135.86	1136.34	.00	.24	1.878	111.19
52.9200	.00	1135.39	1135.86	.00	.24	1.877	111.19
52.9600	.00	1134.92	1135.39	.00	.24	1.876	111.18
53.0000	.00	1134.44	1134.92	.00	.24	1.875	111.18
53.0400	.00	1133.97	1134.44	.00	.24	1.875	111.18
53.0800	.00	1133.50	1133.97	.00	.24	1.874	111.18
53.1200	.00	1133.03	1133.50	.00	.24	1.873	111.18
53.1600	.00	1132.55	1133.03	.00	.24	1.872	111.18
53.2000	.00	1132.08	1132.55	.00	.24	1.872	111.18
53.2400	.00	1131.61	1132.08	.00	.24	1.871	111.18
53.2800	.00	1131.14	1131.61	.00	.24	1.870	111.18
53.3200	.00	1130.66	1131.14	.00	.24	1.869	111.18

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
53.3600	.00	1130.19	1130.66	.00	.24	1.868	111.18
53.4000	.00	1129.72	1130.19	.00	.24	1.868	111.18
53.4400	.00	1129.25	1129.72	.00	.24	1.867	111.17
53.4800	.00	1128.78	1129.25	.00	.24	1.866	111.17
53.5200	.00	1128.30	1128.78	.00	.24	1.865	111.17
53.5600	.00	1127.83	1128.30	.00	.24	1.864	111.17
53.6000	.00	1127.36	1127.83	.00	.24	1.864	111.17
53.6400	.00	1126.89	1127.36	.00	.24	1.863	111.17
53.6800	.00	1126.42	1126.89	.00	.24	1.862	111.17
53.7200	.00	1125.95	1126.42	.00	.24	1.861	111.17
53.7600	.00	1125.47	1125.95	.00	.24	1.861	111.17
53.8000	.00	1125.00	1125.47	.00	.24	1.860	111.17
53.8400	.00	1124.53	1125.00	.00	.24	1.859	111.17
53.8800	.00	1124.06	1124.53	.00	.24	1.858	111.17
53.9200	.00	1123.59	1124.06	.00	.24	1.857	111.17
53.9600	.00	1123.12	1123.59	.00	.24	1.857	111.16
54.0000	.00	1122.65	1123.12	.00	.24	1.856	111.16
54.0400	.00	1122.18	1122.65	.00	.24	1.855	111.16
54.0800	.00	1121.71	1122.18	.00	.24	1.854	111.16
54.1200	.00	1121.24	1121.71	.00	.24	1.854	111.16
54.1600	.00	1120.77	1121.24	.00	.24	1.853	111.16
54.2000	.00	1120.30	1120.77	.00	.24	1.852	111.16
54.2400	.00	1119.83	1120.30	.00	.24	1.851	111.16
54.2800	.00	1119.36	1119.83	.00	.24	1.850	111.16
54.3200	.00	1118.89	1119.36	.00	.24	1.850	111.16
54.3600	.00	1118.42	1118.89	.00	.23	1.849	111.16
54.4000	.00	1117.95	1118.42	.00	.23	1.848	111.16
54.4400	.00	1117.48	1117.95	.00	.23	1.847	111.16
54.4800	.00	1117.01	1117.48	.00	.23	1.847	111.15
54.5200	.00	1116.54	1117.01	.00	.23	1.846	111.15
54.5600	.00	1116.07	1116.54	.00	.23	1.845	111.15
54.6000	.00	1115.60	1116.07	.00	.23	1.844	111.15
54.6400	.00	1115.13	1115.60	.00	.23	1.843	111.15
54.6800	.00	1114.66	1115.13	.00	.23	1.843	111.15
54.7200	.00	1114.19	1114.66	.00	.23	1.842	111.15
54.7600	.00	1113.72	1114.19	.00	.23	1.841	111.15
54.8000	.00	1113.25	1113.72	.00	.23	1.840	111.15
54.8400	.00	1112.78	1113.25	.00	.23	1.840	111.15
54.8800	.00	1112.31	1112.78	.00	.23	1.839	111.15
54.9200	.00	1111.85	1112.31	.00	.23	1.838	111.15
54.9600	.00	1111.38	1111.85	.00	.23	1.837	111.14
55.0000	.00	1110.91	1111.38	.00	.23	1.837	111.14

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
55.0400	.00	1110.44	1110.91	.00	.23	1.836	111.14
55.0800	.00	1109.97	1110.44	.00	.23	1.835	111.14
55.1200	.00	1109.50	1109.97	.00	.23	1.834	111.14
55.1600	.00	1109.04	1109.50	.00	.23	1.833	111.14
55.2000	.00	1108.57	1109.04	.00	.23	1.833	111.14
55.2400	.00	1108.10	1108.57	.00	.23	1.832	111.14
55.2800	.00	1107.63	1108.10	.00	.23	1.831	111.14
55.3200	.00	1107.16	1107.63	.00	.23	1.830	111.14
55.3600	.00	1106.70	1107.16	.00	.23	1.830	111.14
55.4000	.00	1106.23	1106.70	.00	.23	1.829	111.14
55.4400	.00	1105.76	1106.23	.00	.23	1.828	111.14
55.4800	.00	1105.29	1105.76	.00	.23	1.827	111.13
55.5200	.00	1104.83	1105.29	.00	.23	1.826	111.13
55.5600	.00	1104.36	1104.83	.00	.23	1.826	111.13
55.6000	.00	1103.89	1104.36	.00	.23	1.825	111.13
55.6400	.00	1103.43	1103.89	.00	.23	1.824	111.13
55.6800	.00	1102.96	1103.43	.00	.23	1.823	111.13
55.7200	.00	1102.49	1102.96	.00	.23	1.823	111.13
55.7600	.00	1102.03	1102.49	.00	.23	1.822	111.13
55.8000	.00	1101.56	1102.03	.00	.23	1.821	111.13
55.8400	.00	1101.09	1101.56	.00	.23	1.820	111.13
55.8800	.00	1100.63	1101.09	.00	.23	1.820	111.13
55.9200	.00	1100.16	1100.63	.00	.23	1.819	111.13
55.9600	.00	1099.69	1100.16	.00	.23	1.818	111.13
56.0000	.00	1099.23	1099.69	.00	.23	1.817	111.12
56.0400	.00	1098.76	1099.23	.00	.23	1.816	111.12
56.0800	.00	1098.29	1098.76	.00	.23	1.816	111.12
56.1200	.00	1097.83	1098.29	.00	.23	1.815	111.12
56.1600	.00	1097.36	1097.83	.00	.23	1.814	111.12
56.2000	.00	1096.90	1097.36	.00	.23	1.813	111.12
56.2400	.00	1096.43	1096.90	.00	.23	1.813	111.12
56.2800	.00	1095.97	1096.43	.00	.23	1.812	111.12
56.3200	.00	1095.50	1095.97	.00	.23	1.811	111.12
56.3600	.00	1095.04	1095.50	.00	.23	1.810	111.12
56.4000	.00	1094.57	1095.04	.00	.23	1.810	111.12
56.4400	.00	1094.10	1094.57	.00	.23	1.809	111.12
56.4800	.00	1093.64	1094.10	.00	.23	1.808	111.11
56.5200	.00	1093.17	1093.64	.00	.23	1.807	111.11
56.5600	.00	1092.71	1093.17	.00	.23	1.806	111.11
56.6000	.00	1092.24	1092.71	.00	.23	1.806	111.11
56.6400	.00	1091.78	1092.24	.00	.23	1.805	111.11
56.6800	.00	1091.32	1091.78	.00	.23	1.804	111.11

LEVEL POOL ROUTING CALCULATIONS

HYG Dir               = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
56.7200	.00	1090.85	1091.32	.00	.23	1.803	111.11
56.7600	.00	1090.39	1090.85	.00	.23	1.803	111.11
56.8000	.00	1089.92	1090.39	.00	.23	1.802	111.11
56.8400	.00	1089.46	1089.92	.00	.23	1.801	111.11
56.8800	.00	1088.99	1089.46	.00	.23	1.800	111.11
56.9200	.00	1088.53	1088.99	.00	.23	1.800	111.11
56.9600	.00	1088.07	1088.53	.00	.23	1.799	111.11
57.0000	.00	1087.60	1088.07	.00	.23	1.798	111.10
57.0400	.00	1087.14	1087.60	.00	.23	1.797	111.10
57.0800	.00	1086.67	1087.14	.00	.23	1.797	111.10
57.1200	.00	1086.21	1086.67	.00	.23	1.796	111.10
57.1600	.00	1085.75	1086.21	.00	.23	1.795	111.10
57.2000	.00	1085.28	1085.75	.00	.23	1.794	111.10
57.2400	.00	1084.82	1085.28	.00	.23	1.793	111.10
57.2800	.00	1084.36	1084.82	.00	.23	1.793	111.10
57.3200	.00	1083.89	1084.36	.00	.23	1.792	111.10
57.3600	.00	1083.43	1083.89	.00	.23	1.791	111.10
57.4000	.00	1082.97	1083.43	.00	.23	1.790	111.10
57.4400	.00	1082.50	1082.97	.00	.23	1.790	111.10
57.4800	.00	1082.04	1082.50	.00	.23	1.789	111.10
57.5200	.00	1081.58	1082.04	.00	.23	1.788	111.09
57.5600	.00	1081.12	1081.58	.00	.23	1.787	111.09
57.6000	.00	1080.65	1081.12	.00	.23	1.787	111.09
57.6400	.00	1080.19	1080.65	.00	.23	1.786	111.09
57.6800	.00	1079.73	1080.19	.00	.23	1.785	111.09
57.7200	.00	1079.27	1079.73	.00	.23	1.784	111.09
57.7600	.00	1078.80	1079.27	.00	.23	1.783	111.09
57.8000	.00	1078.34	1078.80	.00	.23	1.783	111.09
57.8400	.00	1077.88	1078.34	.00	.23	1.782	111.09
57.8800	.00	1077.42	1077.88	.00	.23	1.781	111.09
57.9200	.00	1076.96	1077.42	.00	.23	1.780	111.09
57.9600	.00	1076.49	1076.96	.00	.23	1.780	111.09
58.0000	.00	1076.03	1076.49	.00	.23	1.779	111.08
58.0400	.00	1075.57	1076.03	.00	.23	1.778	111.08
58.0800	.00	1075.11	1075.57	.00	.23	1.777	111.08
58.1200	.00	1074.65	1075.11	.00	.23	1.777	111.08
58.1600	.00	1074.19	1074.65	.00	.23	1.776	111.08
58.2000	.00	1073.73	1074.19	.00	.23	1.775	111.08
58.2400	.00	1073.26	1073.73	.00	.23	1.774	111.08
58.2800	.00	1072.80	1073.26	.00	.23	1.774	111.08
58.3200	.00	1072.34	1072.80	.00	.23	1.773	111.08
58.3600	.00	1071.88	1072.34	.00	.23	1.772	111.08

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
58.4000	.00	1071.42	1071.88	.00	.23	1.771	111.08
58.4400	.00	1070.96	1071.42	.00	.23	1.770	111.08
58.4800	.00	1070.50	1070.96	.00	.23	1.770	111.08
58.5200	.00	1070.04	1070.50	.00	.23	1.769	111.07
58.5600	.00	1069.58	1070.04	.00	.23	1.768	111.07
58.6000	.00	1069.12	1069.58	.00	.23	1.767	111.07
58.6400	.00	1068.66	1069.12	.00	.23	1.767	111.07
58.6800	.00	1068.20	1068.66	.00	.23	1.766	111.07
58.7200	.00	1067.74	1068.20	.00	.23	1.765	111.07
58.7600	.00	1067.28	1067.74	.00	.23	1.764	111.07
58.8000	.00	1066.82	1067.28	.00	.23	1.764	111.07
58.8400	.00	1066.36	1066.82	.00	.23	1.763	111.07
58.8800	.00	1065.90	1066.36	.00	.23	1.762	111.07
58.9200	.00	1065.44	1065.90	.00	.23	1.761	111.07
58.9600	.00	1064.98	1065.44	.00	.23	1.761	111.07
59.0000	.00	1064.52	1064.98	.00	.23	1.760	111.07
59.0400	.00	1064.06	1064.52	.00	.23	1.759	111.06
59.0800	.00	1063.60	1064.06	.00	.23	1.758	111.06
59.1200	.00	1063.14	1063.60	.00	.23	1.758	111.06
59.1600	.00	1062.68	1063.14	.00	.23	1.757	111.06
59.2000	.00	1062.23	1062.68	.00	.23	1.756	111.06
59.2400	.00	1061.77	1062.23	.00	.23	1.755	111.06
59.2800	.00	1061.31	1061.77	.00	.23	1.755	111.06
59.3200	.00	1060.85	1061.31	.00	.23	1.754	111.06
59.3600	.00	1060.39	1060.85	.00	.23	1.753	111.06
59.4000	.00	1059.93	1060.39	.00	.23	1.752	111.06
59.4400	.00	1059.47	1059.93	.00	.23	1.751	111.06
59.4800	.00	1059.02	1059.47	.00	.23	1.751	111.06
59.5200	.00	1058.56	1059.02	.00	.23	1.750	111.06
59.5600	.00	1058.10	1058.56	.00	.23	1.749	111.05
59.6000	.00	1057.64	1058.10	.00	.23	1.748	111.05
59.6400	.00	1057.18	1057.64	.00	.23	1.748	111.05
59.6800	.00	1056.73	1057.18	.00	.23	1.747	111.05
59.7200	.00	1056.27	1056.73	.00	.23	1.746	111.05
59.7600	.00	1055.81	1056.27	.00	.23	1.745	111.05
59.8000	.00	1055.35	1055.81	.00	.23	1.745	111.05
59.8400	.00	1054.90	1055.35	.00	.23	1.744	111.05
59.8800	.00	1054.44	1054.90	.00	.23	1.743	111.05
59.9200	.00	1053.98	1054.44	.00	.23	1.742	111.05
59.9600	.00	1053.52	1053.98	.00	.23	1.742	111.05
60.0000	.00	1053.07	1053.52	.00	.23	1.741	111.05
60.0400	.00	1052.61	1053.07	.00	.23	1.740	111.05

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
60.0800	.00	1052.15	1052.61	.00	.23	1.739	111.04
60.1200	.00	1051.70	1052.15	.00	.23	1.739	111.04
60.1600	.00	1051.24	1051.70	.00	.23	1.738	111.04
60.2000	.00	1050.78	1051.24	.00	.23	1.737	111.04
60.2400	.00	1050.33	1050.78	.00	.23	1.736	111.04
60.2800	.00	1049.87	1050.33	.00	.23	1.736	111.04
60.3200	.00	1049.41	1049.87	.00	.23	1.735	111.04
60.3600	.00	1048.96	1049.41	.00	.23	1.734	111.04
60.4000	.00	1048.50	1048.96	.00	.23	1.733	111.04
60.4400	.00	1048.05	1048.50	.00	.23	1.733	111.04
60.4800	.00	1047.59	1048.05	.00	.23	1.732	111.04
60.5200	.00	1047.13	1047.59	.00	.23	1.731	111.04
60.5600	.00	1046.68	1047.13	.00	.23	1.730	111.04
60.6000	.00	1046.22	1046.68	.00	.23	1.730	111.03
60.6400	.00	1045.77	1046.22	.00	.23	1.729	111.03
60.6800	.00	1045.31	1045.77	.00	.23	1.728	111.03
60.7200	.00	1044.86	1045.31	.00	.23	1.727	111.03
60.7600	.00	1044.40	1044.86	.00	.23	1.727	111.03
60.8000	.00	1043.94	1044.40	.00	.23	1.726	111.03
60.8400	.00	1043.49	1043.94	.00	.23	1.725	111.03
60.8800	.00	1043.03	1043.49	.00	.23	1.724	111.03
60.9200	.00	1042.58	1043.03	.00	.23	1.724	111.03
60.9600	.00	1042.12	1042.58	.00	.23	1.723	111.03
61.0000	.00	1041.67	1042.12	.00	.23	1.722	111.03
61.0400	.00	1041.22	1041.67	.00	.23	1.721	111.03
61.0800	.00	1040.76	1041.22	.00	.23	1.721	111.02
61.1200	.00	1040.31	1040.76	.00	.23	1.720	111.02
61.1600	.00	1039.85	1040.31	.00	.23	1.719	111.02
61.2000	.00	1039.40	1039.85	.00	.23	1.718	111.02
61.2400	.00	1038.94	1039.40	.00	.23	1.718	111.02
61.2800	.00	1038.49	1038.94	.00	.23	1.717	111.02
61.3200	.00	1038.03	1038.49	.00	.23	1.716	111.02
61.3600	.00	1037.58	1038.03	.00	.23	1.715	111.02
61.4000	.00	1037.13	1037.58	.00	.23	1.715	111.02
61.4400	.00	1036.67	1037.13	.00	.23	1.714	111.02
61.4800	.00	1036.22	1036.67	.00	.23	1.713	111.02
61.5200	.00	1035.77	1036.22	.00	.23	1.712	111.02
61.5600	.00	1035.31	1035.77	.00	.23	1.712	111.02
61.6000	.00	1034.86	1035.31	.00	.23	1.711	111.01
61.6400	.00	1034.41	1034.86	.00	.23	1.710	111.01
61.6800	.00	1033.95	1034.41	.00	.23	1.709	111.01
61.7200	.00	1033.50	1033.95	.00	.23	1.709	111.01



LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
61.7600	.00	1033.05	1033.50	.00	.23	1.708	111.01
61.8000	.00	1032.59	1033.05	.00	.23	1.707	111.01
61.8400	.00	1032.14	1032.59	.00	.23	1.706	111.01
61.8800	.00	1031.69	1032.14	.00	.23	1.706	111.01
61.9200	.00	1031.23	1031.69	.00	.23	1.705	111.01
61.9600	.00	1030.78	1031.23	.00	.23	1.704	111.01
62.0000	.00	1030.33	1030.78	.00	.23	1.703	111.01
62.0400	.00	1029.88	1030.33	.00	.23	1.703	111.01
62.0800	.00	1029.43	1029.88	.00	.23	1.702	111.01
62.1200	.00	1028.97	1029.43	.00	.23	1.701	111.00
62.1600	.00	1028.52	1028.97	.00	.23	1.700	111.00
62.2000	.00	1028.07	1028.52	.00	.23	1.700	111.00
62.2400	.00	1027.62	1028.07	.00	.23	1.699	111.00
62.2800	.00	1027.16	1027.62	.00	.23	1.698	111.00
62.3200	.00	1026.71	1027.16	.00	.23	1.697	111.00
62.3600	.00	1026.26	1026.71	.00	.23	1.697	111.00
62.4000	.00	1025.81	1026.26	.00	.23	1.696	111.00
62.4400	.00	1025.36	1025.81	.00	.23	1.695	111.00
62.4800	.00	1024.91	1025.36	.00	.23	1.694	111.00
62.5200	.00	1024.46	1024.91	.00	.23	1.694	111.00
62.5600	.00	1024.00	1024.46	.00	.23	1.693	111.00
62.6000	.00	1023.55	1024.00	.00	.23	1.692	111.00
62.6400	.00	1023.10	1023.55	.00	.23	1.691	110.99
62.6800	.00	1022.65	1023.10	.00	.23	1.691	110.99
62.7200	.00	1022.20	1022.65	.00	.23	1.690	110.99
62.7600	.00	1021.75	1022.20	.00	.23	1.689	110.99
62.8000	.00	1021.30	1021.75	.00	.23	1.688	110.99
62.8400	.00	1020.85	1021.30	.00	.23	1.688	110.99
62.8800	.00	1020.40	1020.85	.00	.23	1.687	110.99
62.9200	.00	1019.95	1020.40	.00	.23	1.686	110.99
62.9600	.00	1019.50	1019.95	.00	.23	1.685	110.99
63.0000	.00	1019.05	1019.50	.00	.23	1.685	110.99
63.0400	.00	1018.60	1019.05	.00	.23	1.684	110.99
63.0800	.00	1018.15	1018.60	.00	.23	1.683	110.99
63.1200	.00	1017.70	1018.15	.00	.22	1.682	110.99
63.1600	.00	1017.25	1017.70	.00	.22	1.682	110.98
63.2000	.00	1016.80	1017.25	.00	.22	1.681	110.98
63.2400	.00	1016.35	1016.80	.00	.22	1.680	110.98
63.2800	.00	1015.90	1016.35	.00	.22	1.679	110.98
63.3200	.00	1015.45	1015.90	.00	.22	1.679	110.98
63.3600	.00	1015.00	1015.45	.00	.22	1.678	110.98
63.4000	.00	1014.55	1015.00	.00	.22	1.677	110.98

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
63.4400	.00	1014.10	1014.55	.00	.22	1.677	110.98
63.4800	.00	1013.65	1014.10	.00	.22	1.676	110.98
63.5200	.00	1013.20	1013.65	.00	.22	1.675	110.98
63.5600	.00	1012.75	1013.20	.00	.22	1.674	110.98
63.6000	.00	1012.31	1012.75	.00	.22	1.674	110.98
63.6400	.00	1011.86	1012.31	.00	.22	1.673	110.98
63.6800	.00	1011.41	1011.86	.00	.22	1.672	110.97
63.7200	.00	1010.96	1011.41	.00	.22	1.671	110.97
63.7600	.00	1010.51	1010.96	.00	.22	1.671	110.97
63.8000	.00	1010.06	1010.51	.00	.22	1.670	110.97
63.8400	.00	1009.61	1010.06	.00	.22	1.669	110.97
63.8800	.00	1009.17	1009.61	.00	.22	1.668	110.97
63.9200	.00	1008.72	1009.17	.00	.22	1.668	110.97
63.9600	.00	1008.27	1008.72	.00	.22	1.667	110.97
64.0000	.00	1007.82	1008.27	.00	.22	1.666	110.97
64.0400	.00	1007.37	1007.82	.00	.22	1.665	110.97
64.0800	.00	1006.93	1007.37	.00	.22	1.665	110.97
64.1200	.00	1006.48	1006.93	.00	.22	1.664	110.97
64.1600	.00	1006.03	1006.48	.00	.22	1.663	110.97
64.2000	.00	1005.58	1006.03	.00	.22	1.662	110.96
64.2400	.00	1005.14	1005.58	.00	.22	1.662	110.96
64.2800	.00	1004.69	1005.14	.00	.22	1.661	110.96
64.3200	.00	1004.24	1004.69	.00	.22	1.660	110.96
64.3600	.00	1003.80	1004.24	.00	.22	1.659	110.96
64.4000	.00	1003.35	1003.80	.00	.22	1.659	110.96
64.4400	.00	1002.90	1003.35	.00	.22	1.658	110.96
64.4800	.00	1002.45	1002.90	.00	.22	1.657	110.96
64.5200	.00	1002.01	1002.45	.00	.22	1.656	110.96
64.5600	.00	1001.56	1002.01	.00	.22	1.656	110.96
64.6000	.00	1001.12	1001.56	.00	.22	1.655	110.96
64.6400	.00	1000.67	1001.12	.00	.22	1.654	110.96
64.6800	.00	1000.22	1000.67	.00	.22	1.654	110.96
64.7200	.00	999.78	1000.22	.00	.22	1.653	110.95
64.7600	.00	999.33	999.78	.00	.22	1.652	110.95
64.8000	.00	998.88	999.33	.00	.22	1.651	110.95
64.8400	.00	998.44	998.88	.00	.22	1.651	110.95
64.8800	.00	997.99	998.44	.00	.22	1.650	110.95
64.9200	.00	997.55	997.99	.00	.22	1.649	110.95
64.9600	.00	997.10	997.55	.00	.22	1.648	110.95
65.0000	.00	996.65	997.10	.00	.22	1.648	110.95
65.0400	.00	996.21	996.65	.00	.22	1.647	110.95
65.0800	.00	995.76	996.21	.00	.22	1.646	110.95

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
65.1200	.00	995.32	995.76	.00	.22	1.645	110.95
65.1600	.00	994.87	995.32	.00	.22	1.645	110.95
65.2000	.00	994.43	994.87	.00	.22	1.644	110.95
65.2400	.00	993.98	994.43	.00	.22	1.643	110.94
65.2800	.00	993.54	993.98	.00	.22	1.642	110.94
65.3200	.00	993.09	993.54	.00	.22	1.642	110.94
65.3600	.00	992.65	993.09	.00	.22	1.641	110.94
65.4000	.00	992.20	992.65	.00	.22	1.640	110.94
65.4400	.00	991.76	992.20	.00	.22	1.640	110.94
65.4800	.00	991.31	991.76	.00	.22	1.639	110.94
65.5200	.00	990.87	991.31	.00	.22	1.638	110.94
65.5600	.00	990.43	990.87	.00	.22	1.637	110.94
65.6000	.00	989.98	990.43	.00	.22	1.637	110.94
65.6400	.00	989.54	989.98	.00	.22	1.636	110.94
65.6800	.00	989.09	989.54	.00	.22	1.635	110.94
65.7200	.00	988.65	989.09	.00	.22	1.634	110.94
65.7600	.00	988.21	988.65	.00	.22	1.634	110.94
65.8000	.00	987.76	988.21	.00	.22	1.633	110.93
65.8400	.00	987.32	987.76	.00	.22	1.632	110.93
65.8800	.00	986.88	987.32	.00	.22	1.631	110.93
65.9200	.00	986.43	986.88	.00	.22	1.631	110.93
65.9600	.00	985.99	986.43	.00	.22	1.630	110.93
66.0000	.00	985.55	985.99	.00	.22	1.629	110.93
66.0400	.00	985.10	985.55	.00	.22	1.629	110.93
66.0800	.00	984.66	985.10	.00	.22	1.628	110.93
66.1200	.00	984.22	984.66	.00	.22	1.627	110.93
66.1600	.00	983.77	984.22	.00	.22	1.626	110.93
66.2000	.00	983.33	983.77	.00	.22	1.626	110.93
66.2400	.00	982.89	983.33	.00	.22	1.625	110.93
66.2800	.00	982.44	982.89	.00	.22	1.624	110.93
66.3200	.00	982.00	982.44	.00	.22	1.623	110.92
66.3600	.00	981.56	982.00	.00	.22	1.623	110.92
66.4000	.00	981.12	981.56	.00	.22	1.622	110.92
66.4400	.00	980.68	981.12	.00	.22	1.621	110.92
66.4800	.00	980.23	980.68	.00	.22	1.621	110.92
66.5200	.00	979.79	980.23	.00	.22	1.620	110.92
66.5600	.00	979.35	979.79	.00	.22	1.619	110.92
66.6000	.00	978.91	979.35	.00	.22	1.618	110.92
66.6400	.00	978.47	978.91	.00	.22	1.618	110.92
66.6800	.00	978.02	978.47	.00	.22	1.617	110.92
66.7200	.00	977.58	978.02	.00	.22	1.616	110.92
66.7600	.00	977.14	977.58	.00	.22	1.615	110.92

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
66.8000	.00	976.70	977.14	.00	.22	1.615	110.92
66.8400	.00	976.26	976.70	.00	.22	1.614	110.91
66.8800	.00	975.82	976.26	.00	.22	1.613	110.91
66.9200	.00	975.37	975.82	.00	.22	1.613	110.91
66.9600	.00	974.93	975.37	.00	.22	1.612	110.91
67.0000	.00	974.49	974.93	.00	.22	1.611	110.91
67.0400	.00	974.05	974.49	.00	.22	1.610	110.91
67.0800	.00	973.61	974.05	.00	.22	1.610	110.91
67.1200	.00	973.17	973.61	.00	.22	1.609	110.91
67.1600	.00	972.73	973.17	.00	.22	1.608	110.91
67.2000	.00	972.29	972.73	.00	.22	1.607	110.91
67.2400	.00	971.85	972.29	.00	.22	1.607	110.91
67.2800	.00	971.41	971.85	.00	.22	1.606	110.91
67.3200	.00	970.97	971.41	.00	.22	1.605	110.91
67.3600	.00	970.53	970.97	.00	.22	1.605	110.90
67.4000	.00	970.09	970.53	.00	.22	1.604	110.90
67.4400	.00	969.65	970.09	.00	.22	1.603	110.90
67.4800	.00	969.21	969.65	.00	.22	1.602	110.90
67.5200	.00	968.77	969.21	.00	.22	1.602	110.90
67.5600	.00	968.33	968.77	.00	.22	1.601	110.90
67.6000	.00	967.89	968.33	.00	.22	1.600	110.90
67.6400	.00	967.45	967.89	.00	.22	1.599	110.90
67.6800	.00	967.01	967.45	.00	.22	1.599	110.90
67.7200	.00	966.57	967.01	.00	.22	1.598	110.90
67.7600	.00	966.13	966.57	.00	.22	1.597	110.90
67.8000	.00	965.69	966.13	.00	.22	1.597	110.90
67.8400	.00	965.25	965.69	.00	.22	1.596	110.90
67.8800	.00	964.81	965.25	.00	.22	1.595	110.89
67.9200	.00	964.38	964.81	.00	.22	1.594	110.89
67.9600	.00	963.94	964.38	.00	.22	1.594	110.89
68.0000	.00	963.50	963.94	.00	.22	1.593	110.89
68.0400	.00	963.06	963.50	.00	.22	1.592	110.89
68.0800	.00	962.62	963.06	.00	.22	1.591	110.89
68.1200	.00	962.18	962.62	.00	.22	1.591	110.89
68.1600	.00	961.74	962.18	.00	.22	1.590	110.89
68.2000	.00	961.31	961.74	.00	.22	1.589	110.89
68.2400	.00	960.87	961.31	.00	.22	1.589	110.89
68.2800	.00	960.43	960.87	.00	.22	1.588	110.89
68.3200	.00	959.99	960.43	.00	.22	1.587	110.89
68.3600	.00	959.55	959.99	.00	.22	1.586	110.89
68.4000	.00	959.12	959.55	.00	.22	1.586	110.89
68.4400	.00	958.68	959.12	.00	.22	1.585	110.88

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
68.4800	.00	958.24	958.68	.00	.22	1.584	110.88
68.5200	.00	957.80	958.24	.00	.22	1.583	110.88
68.5600	.00	957.37	957.80	.00	.22	1.583	110.88
68.6000	.00	956.93	957.37	.00	.22	1.582	110.88
68.6400	.00	956.49	956.93	.00	.22	1.581	110.88
68.6800	.00	956.05	956.49	.00	.22	1.581	110.88
68.7200	.00	955.62	956.05	.00	.22	1.580	110.88
68.7600	.00	955.18	955.62	.00	.22	1.579	110.88
68.8000	.00	954.74	955.18	.00	.22	1.578	110.88
68.8400	.00	954.31	954.74	.00	.22	1.578	110.88
68.8800	.00	953.87	954.31	.00	.22	1.577	110.88
68.9200	.00	953.43	953.87	.00	.22	1.576	110.88
68.9600	.00	953.00	953.43	.00	.22	1.575	110.87
69.0000	.00	952.56	953.00	.00	.22	1.575	110.87
69.0400	.00	952.13	952.56	.00	.22	1.574	110.87
69.0800	.00	951.69	952.13	.00	.22	1.573	110.87
69.1200	.00	951.25	951.69	.00	.22	1.573	110.87
69.1600	.00	950.82	951.25	.00	.22	1.572	110.87
69.2000	.00	950.38	950.82	.00	.22	1.571	110.87
69.2400	.00	949.95	950.38	.00	.22	1.570	110.87
69.2800	.00	949.51	949.95	.00	.22	1.570	110.87
69.3200	.00	949.07	949.51	.00	.22	1.569	110.87
69.3600	.00	948.64	949.07	.00	.22	1.568	110.87
69.4000	.00	948.20	948.64	.00	.22	1.568	110.87
69.4400	.00	947.77	948.20	.00	.22	1.567	110.87
69.4800	.00	947.33	947.77	.00	.22	1.566	110.86
69.5200	.00	946.90	947.33	.00	.22	1.565	110.86
69.5600	.00	946.46	946.90	.00	.22	1.565	110.86
69.6000	.00	946.03	946.46	.00	.22	1.564	110.86
69.6400	.00	945.59	946.03	.00	.22	1.563	110.86
69.6800	.00	945.16	945.59	.00	.22	1.563	110.86
69.7200	.00	944.72	945.16	.00	.22	1.562	110.86
69.7600	.00	944.29	944.72	.00	.22	1.561	110.86
69.8000	.00	943.85	944.29	.00	.22	1.560	110.86
69.8400	.00	943.42	943.85	.00	.22	1.560	110.86
69.8800	.00	942.99	943.42	.00	.22	1.559	110.86
69.9200	.00	942.55	942.99	.00	.22	1.558	110.86
69.9600	.00	942.12	942.55	.00	.22	1.557	110.86
70.0000	.00	941.68	942.12	.00	.22	1.557	110.85
70.0400	.00	941.25	941.68	.00	.22	1.556	110.85
70.0800	.00	940.82	941.25	.00	.22	1.555	110.85
70.1200	.00	940.38	940.82	.00	.22	1.555	110.85

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
70.1600	.00	939.95	940.38	.00	.22	1.554	110.85
70.2000	.00	939.52	939.95	.00	.22	1.553	110.85
70.2400	.00	939.08	939.52	.00	.22	1.552	110.85
70.2800	.00	938.65	939.08	.00	.22	1.552	110.85
70.3200	.00	938.22	938.65	.00	.22	1.551	110.85
70.3600	.00	937.78	938.22	.00	.22	1.550	110.85
70.4000	.00	937.35	937.78	.00	.22	1.550	110.85
70.4400	.00	936.92	937.35	.00	.22	1.549	110.85
70.4800	.00	936.48	936.92	.00	.22	1.548	110.85
70.5200	.00	936.05	936.48	.00	.22	1.547	110.85
70.5600	.00	935.62	936.05	.00	.22	1.547	110.84
70.6000	.00	935.19	935.62	.00	.22	1.546	110.84
70.6400	.00	934.75	935.19	.00	.22	1.545	110.84
70.6800	.00	934.32	934.75	.00	.22	1.545	110.84
70.7200	.00	933.89	934.32	.00	.22	1.544	110.84
70.7600	.00	933.46	933.89	.00	.22	1.543	110.84
70.8000	.00	933.02	933.46	.00	.22	1.542	110.84
70.8400	.00	932.59	933.02	.00	.22	1.542	110.84
70.8800	.00	932.16	932.59	.00	.22	1.541	110.84
70.9200	.00	931.73	932.16	.00	.22	1.540	110.84
70.9600	.00	931.30	931.73	.00	.22	1.540	110.84
71.0000	.00	930.86	931.30	.00	.22	1.539	110.84
71.0400	.00	930.43	930.86	.00	.22	1.538	110.84
71.0800	.00	930.00	930.43	.00	.22	1.537	110.83
71.1200	.00	929.57	930.00	.00	.22	1.537	110.83
71.1600	.00	929.14	929.57	.00	.22	1.536	110.83
71.2000	.00	928.71	929.14	.00	.22	1.535	110.83
71.2400	.00	928.28	928.71	.00	.22	1.535	110.83
71.2800	.00	927.84	928.28	.00	.22	1.534	110.83
71.3200	.00	927.41	927.84	.00	.22	1.533	110.83
71.3600	.00	926.98	927.41	.00	.22	1.532	110.83
71.4000	.00	926.55	926.98	.00	.22	1.532	110.83
71.4400	.00	926.12	926.55	.00	.22	1.531	110.83
71.4800	.00	925.69	926.12	.00	.22	1.530	110.83
71.5200	.00	925.26	925.69	.00	.22	1.530	110.83
71.5600	.00	924.83	925.26	.00	.22	1.529	110.83
71.6000	.00	924.40	924.83	.00	.22	1.528	110.83
71.6400	.00	923.97	924.40	.00	.22	1.528	110.82
71.6800	.00	923.54	923.97	.00	.22	1.527	110.82
71.7200	.00	923.11	923.54	.00	.22	1.526	110.82
71.7600	.00	922.68	923.11	.00	.21	1.525	110.82
71.8000	.00	922.25	922.68	.00	.21	1.525	110.82

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
71.8400	.00	921.82	922.25	.00	.21	1.524	110.82
71.8800	.00	921.39	921.82	.00	.21	1.523	110.82
71.9200	.00	920.96	921.39	.00	.21	1.523	110.82
71.9600	.00	920.53	920.96	.00	.21	1.522	110.82
72.0000	.00	920.10	920.53	.00	.21	1.521	110.82
72.0400	.00	919.67	920.10	.00	.21	1.520	110.82
72.0800	.00	919.24	919.67	.00	.21	1.520	110.82
72.1200	.00	918.81	919.24	.00	.21	1.519	110.82
72.1600	.00	918.39	918.81	.00	.21	1.518	110.81
72.2000	.00	917.96	918.39	.00	.21	1.518	110.81
72.2400	.00	917.53	917.96	.00	.21	1.517	110.81
72.2800	.00	917.10	917.53	.00	.21	1.516	110.81
72.3200	.00	916.67	917.10	.00	.21	1.515	110.81
72.3600	.00	916.24	916.67	.00	.21	1.515	110.81
72.4000	.00	915.81	916.24	.00	.21	1.514	110.81
72.4400	.00	915.39	915.81	.00	.21	1.513	110.81
72.4800	.00	914.96	915.39	.00	.21	1.513	110.81
72.5200	.00	914.53	914.96	.00	.21	1.512	110.81
72.5600	.00	914.10	914.53	.00	.21	1.511	110.81
72.6000	.00	913.67	914.10	.00	.21	1.511	110.81
72.6400	.00	913.24	913.67	.00	.21	1.510	110.81
72.6800	.00	912.82	913.24	.00	.21	1.509	110.81
72.7200	.00	912.39	912.82	.00	.21	1.508	110.80
72.7600	.00	911.96	912.39	.00	.21	1.508	110.80
72.8000	.00	911.53	911.96	.00	.21	1.507	110.80
72.8400	.00	911.11	911.53	.00	.21	1.506	110.80
72.8800	.00	910.68	911.11	.00	.21	1.506	110.80
72.9200	.00	910.25	910.68	.00	.21	1.505	110.80
72.9600	.00	909.83	910.25	.00	.21	1.504	110.80
73.0000	.00	909.40	909.83	.00	.21	1.503	110.80
73.0400	.00	908.97	909.40	.00	.21	1.503	110.80
73.0800	.00	908.54	908.97	.00	.21	1.502	110.80
73.1200	.00	908.12	908.54	.00	.21	1.501	110.80
73.1600	.00	907.69	908.12	.00	.21	1.501	110.80
73.2000	.00	907.26	907.69	.00	.21	1.500	110.80
73.2400	.00	906.84	907.26	.00	.21	1.499	110.79
73.2800	.00	906.41	906.84	.00	.21	1.499	110.79
73.3200	.00	905.98	906.41	.00	.21	1.498	110.79
73.3600	.00	905.56	905.98	.00	.21	1.497	110.79
73.4000	.00	905.13	905.56	.00	.21	1.496	110.79
73.4400	.00	904.71	905.13	.00	.21	1.496	110.79
73.4800	.00	904.28	904.71	.00	.21	1.495	110.79

LEVEL POOL ROUTING CALCULATIONS

HYG Dir               = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
73.5200	.00	903.85	904.28	.00	.21	1.494	110.79
73.5600	.00	903.43	903.85	.00	.21	1.494	110.79
73.6000	.00	903.00	903.43	.00	.21	1.493	110.79
73.6400	.00	902.58	903.00	.00	.21	1.492	110.79
73.6800	.00	902.15	902.58	.00	.21	1.491	110.79
73.7200	.00	901.73	902.15	.00	.21	1.491	110.79
73.7600	.00	901.30	901.73	.00	.21	1.490	110.79
73.8000	.00	900.88	901.30	.00	.21	1.489	110.78
73.8400	.00	900.45	900.88	.00	.21	1.489	110.78
73.8800	.00	900.03	900.45	.00	.21	1.488	110.78
73.9200	.00	899.60	900.03	.00	.21	1.487	110.78
73.9600	.00	899.18	899.60	.00	.21	1.487	110.78
74.0000	.00	898.75	899.18	.00	.21	1.486	110.78
74.0400	.00	898.33	898.75	.00	.21	1.485	110.78
74.0800	.00	897.90	898.33	.00	.21	1.484	110.78
74.1200	.00	897.48	897.90	.00	.21	1.484	110.78
74.1600	.00	897.05	897.48	.00	.21	1.483	110.78
74.2000	.00	896.63	897.05	.00	.21	1.482	110.78
74.2400	.00	896.21	896.63	.00	.21	1.482	110.78
74.2800	.00	895.78	896.21	.00	.21	1.481	110.78
74.3200	.00	895.36	895.78	.00	.21	1.480	110.77
74.3600	.00	894.93	895.36	.00	.21	1.480	110.77
74.4000	.00	894.51	894.93	.00	.21	1.479	110.77
74.4400	.00	894.09	894.51	.00	.21	1.478	110.77
74.4800	.00	893.66	894.09	.00	.21	1.477	110.77
74.5200	.00	893.24	893.66	.00	.21	1.477	110.77
74.5600	.00	892.82	893.24	.00	.21	1.476	110.77
74.6000	.00	892.39	892.82	.00	.21	1.475	110.77
74.6400	.00	891.97	892.39	.00	.21	1.475	110.77
74.6800	.00	891.55	891.97	.00	.21	1.474	110.77
74.7200	.00	891.12	891.55	.00	.21	1.473	110.77
74.7600	.00	890.70	891.12	.00	.21	1.473	110.77
74.8000	.00	890.28	890.70	.00	.21	1.472	110.77
74.8400	.00	889.86	890.28	.00	.21	1.471	110.77
74.8800	.00	889.43	889.86	.00	.21	1.470	110.76
74.9200	.00	889.01	889.43	.00	.21	1.470	110.76
74.9600	.00	888.59	889.01	.00	.21	1.469	110.76
75.0000	.00	888.17	888.59	.00	.21	1.468	110.76
75.0400	.00	887.74	888.17	.00	.21	1.468	110.76
75.0800	.00	887.32	887.74	.00	.21	1.467	110.76
75.1200	.00	886.90	887.32	.00	.21	1.466	110.76
75.1600	.00	886.48	886.90	.00	.21	1.466	110.76



LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
75.2000	.00	886.06	886.48	.00	.21	1.465	110.76
75.2400	.00	885.63	886.06	.00	.21	1.464	110.76
75.2800	.00	885.21	885.63	.00	.21	1.463	110.76
75.3200	.00	884.79	885.21	.00	.21	1.463	110.76
75.3600	.00	884.37	884.79	.00	.21	1.462	110.76
75.4000	.00	883.95	884.37	.00	.21	1.461	110.75
75.4400	.00	883.53	883.95	.00	.21	1.461	110.75
75.4800	.00	883.10	883.53	.00	.21	1.460	110.75
75.5200	.00	882.68	883.10	.00	.21	1.459	110.75
75.5600	.00	882.26	882.68	.00	.21	1.459	110.75
75.6000	.00	881.84	882.26	.00	.21	1.458	110.75
75.6400	.00	881.42	881.84	.00	.21	1.457	110.75
75.6800	.00	881.00	881.42	.00	.21	1.456	110.75
75.7200	.00	880.58	881.00	.00	.21	1.456	110.75
75.7600	.00	880.16	880.58	.00	.21	1.455	110.75
75.8000	.00	879.74	880.16	.00	.21	1.454	110.75
75.8400	.00	879.32	879.74	.00	.21	1.454	110.75
75.8800	.00	878.90	879.32	.00	.21	1.453	110.75
75.9200	.00	878.48	878.90	.00	.21	1.452	110.75
75.9600	.00	878.06	878.48	.00	.21	1.452	110.74
76.0000	.00	877.64	878.06	.00	.21	1.451	110.74
76.0400	.00	877.22	877.64	.00	.21	1.450	110.74
76.0800	.00	876.80	877.22	.00	.21	1.450	110.74
76.1200	.00	876.38	876.80	.00	.21	1.449	110.74
76.1600	.00	875.96	876.38	.00	.21	1.448	110.74
76.2000	.00	875.54	875.96	.00	.21	1.447	110.74
76.2400	.00	875.12	875.54	.00	.21	1.447	110.74
76.2800	.00	874.70	875.12	.00	.21	1.446	110.74
76.3200	.00	874.28	874.70	.00	.21	1.445	110.74
76.3600	.00	873.86	874.28	.00	.21	1.445	110.74
76.4000	.00	873.44	873.86	.00	.21	1.444	110.74
76.4400	.00	873.02	873.44	.00	.21	1.443	110.74
76.4800	.00	872.60	873.02	.00	.21	1.443	110.74
76.5200	.00	872.19	872.60	.00	.21	1.442	110.73
76.5600	.00	871.77	872.19	.00	.21	1.441	110.73
76.6000	.00	871.35	871.77	.00	.21	1.441	110.73
76.6400	.00	870.93	871.35	.00	.21	1.440	110.73
76.6800	.00	870.51	870.93	.00	.21	1.439	110.73
76.7200	.00	870.09	870.51	.00	.21	1.438	110.73
76.7600	.00	869.68	870.09	.00	.21	1.438	110.73
76.8000	.00	869.26	869.68	.00	.21	1.437	110.73
76.8400	.00	868.84	869.26	.00	.21	1.436	110.73

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
76.8800	.00	868.42	868.84	.00	.21	1.436	110.73
76.9200	.00	868.00	868.42	.00	.21	1.435	110.73
76.9600	.00	867.59	868.00	.00	.21	1.434	110.73
77.0000	.00	867.17	867.59	.00	.21	1.434	110.73
77.0400	.00	866.75	867.17	.00	.21	1.433	110.72
77.0800	.00	866.33	866.75	.00	.21	1.432	110.72
77.1200	.00	865.92	866.33	.00	.21	1.432	110.72
77.1600	.00	865.50	865.92	.00	.21	1.431	110.72
77.2000	.00	865.08	865.50	.00	.21	1.430	110.72
77.2400	.00	864.66	865.08	.00	.21	1.429	110.72
77.2800	.00	864.25	864.66	.00	.21	1.429	110.72
77.3200	.00	863.83	864.25	.00	.21	1.428	110.72
77.3600	.00	863.41	863.83	.00	.21	1.427	110.72
77.4000	.00	863.00	863.41	.00	.21	1.427	110.72
77.4400	.00	862.58	863.00	.00	.21	1.426	110.72
77.4800	.00	862.16	862.58	.00	.21	1.425	110.72
77.5200	.00	861.75	862.16	.00	.21	1.425	110.72
77.5600	.00	861.33	861.75	.00	.21	1.424	110.72
77.6000	.00	860.91	861.33	.00	.21	1.423	110.71
77.6400	.00	860.50	860.91	.00	.21	1.423	110.71
77.6800	.00	860.08	860.50	.00	.21	1.422	110.71
77.7200	.00	859.67	860.08	.00	.21	1.421	110.71
77.7600	.00	859.25	859.67	.00	.21	1.421	110.71
77.8000	.00	858.83	859.25	.00	.21	1.420	110.71
77.8400	.00	858.42	858.83	.00	.21	1.419	110.71
77.8800	.00	858.00	858.42	.00	.21	1.418	110.71
77.9200	.00	857.59	858.00	.00	.21	1.418	110.71
77.9600	.00	857.17	857.59	.00	.21	1.417	110.71
78.0000	.00	856.76	857.17	.00	.21	1.416	110.71
78.0400	.00	856.34	856.76	.00	.21	1.416	110.71
78.0800	.00	855.93	856.34	.00	.21	1.415	110.71
78.1200	.00	855.51	855.93	.00	.21	1.414	110.71
78.1600	.00	855.10	855.51	.00	.21	1.414	110.70
78.2000	.00	854.68	855.10	.00	.21	1.413	110.70
78.2400	.00	854.27	854.68	.00	.21	1.412	110.70
78.2800	.00	853.85	854.27	.00	.21	1.412	110.70
78.3200	.00	853.44	853.85	.00	.21	1.411	110.70
78.3600	.00	853.02	853.44	.00	.21	1.410	110.70
78.4000	.00	852.61	853.02	.00	.21	1.410	110.70
78.4400	.00	852.19	852.61	.00	.21	1.409	110.70
78.4800	.00	851.78	852.19	.00	.21	1.408	110.70
78.5200	.00	851.37	851.78	.00	.21	1.408	110.70

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN                IN 2YR  
 Outflow HYG file = NONE STORED - BASIN               OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
78.5600	.00	850.95	851.37	.00	.21	1.407	110.70
78.6000	.00	850.54	850.95	.00	.21	1.406	110.70
78.6400	.00	850.12	850.54	.00	.21	1.405	110.70
78.6800	.00	849.71	850.12	.00	.21	1.405	110.70
78.7200	.00	849.30	849.71	.00	.21	1.404	110.69
78.7600	.00	848.88	849.30	.00	.21	1.403	110.69
78.8000	.00	848.47	848.88	.00	.21	1.403	110.69
78.8400	.00	848.06	848.47	.00	.21	1.402	110.69
78.8800	.00	847.64	848.06	.00	.21	1.401	110.69
78.9200	.00	847.23	847.64	.00	.21	1.401	110.69
78.9600	.00	846.82	847.23	.00	.21	1.400	110.69
79.0000	.00	846.40	846.82	.00	.21	1.399	110.69
79.0400	.00	845.99	846.40	.00	.21	1.399	110.69
79.0800	.00	845.58	845.99	.00	.21	1.398	110.69
79.1200	.00	845.17	845.58	.00	.21	1.397	110.69
79.1600	.00	844.75	845.17	.00	.21	1.397	110.69
79.2000	.00	844.34	844.75	.00	.21	1.396	110.69
79.2400	.00	843.93	844.34	.00	.21	1.395	110.69
79.2800	.00	843.52	843.93	.00	.21	1.395	110.68
79.3200	.00	843.10	843.52	.00	.21	1.394	110.68
79.3600	.00	842.69	843.10	.00	.21	1.393	110.68
79.4000	.00	842.28	842.69	.00	.21	1.392	110.68
79.4400	.00	841.87	842.28	.00	.21	1.392	110.68
79.4800	.00	841.46	841.87	.00	.21	1.391	110.68
79.5200	.00	841.04	841.46	.00	.21	1.390	110.68
79.5600	.00	840.63	841.04	.00	.21	1.390	110.68
79.6000	.00	840.22	840.63	.00	.21	1.389	110.68
79.6400	.00	839.81	840.22	.00	.21	1.388	110.68
79.6800	.00	839.40	839.81	.00	.21	1.388	110.68
79.7200	.00	838.99	839.40	.00	.21	1.387	110.68
79.7600	.00	838.57	838.99	.00	.21	1.386	110.68
79.8000	.00	838.16	838.57	.00	.21	1.386	110.67
79.8400	.00	837.75	838.16	.00	.21	1.385	110.67
79.8800	.00	837.34	837.75	.00	.21	1.384	110.67
79.9200	.00	836.93	837.34	.00	.21	1.384	110.67
79.9600	.00	836.52	836.93	.00	.21	1.383	110.67
80.0000	.00	836.11	836.52	.00	.21	1.382	110.67
80.0400	.00	835.70	836.11	.00	.21	1.382	110.67
80.0800	.00	835.29	835.70	.00	.21	1.381	110.67
80.1200	.00	834.88	835.29	.00	.21	1.380	110.67
80.1600	.00	834.47	834.88	.00	.21	1.380	110.67
80.2000	.00	834.06	834.47	.00	.21	1.379	110.67

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 2YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 2YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
80.2400	.00	833.65	834.06	.00	.21	1.378	110.67
80.2800	.00	833.24	833.65	.00	.20	1.378	110.67
80.3200	.00	832.83	833.24	.00	.20	1.377	110.67
80.3600	.00	832.42	832.83	.00	.20	1.376	110.66
80.4000	.00	832.01	832.42	.00	.20	1.375	110.66
80.4400	.00	831.60	832.01	.00	.20	1.375	110.66
80.4800	.00	831.19	831.60	.00	.20	1.374	110.66
80.5200	.00	830.78	831.19	.00	.20	1.373	110.66
80.5600	.00	830.37	830.78	.00	.20	1.373	110.66
80.6000	.00	829.96	830.37	.00	.20	1.372	110.66
80.6400	.00	829.55	829.96	.00	.20	1.371	110.66
80.6800	.00	829.14	829.55	.00	.20	1.371	110.66
80.7200	.00	828.74	829.14	.00	.20	1.370	110.66
80.7600	.00	828.33	828.74	.00	.20	1.369	110.66
80.8000	.00	827.92	828.33	.00	.20	1.369	110.66
80.8400	.00	827.51	827.92	.00	.20	1.368	110.66
80.8800	.00	827.10	827.51	.00	.20	1.367	110.66
80.9200	.00	826.69	827.10	.00	.20	1.367	110.65
80.9600	.00	826.28	826.69	.00	.20	1.366	110.65
81.0000	.00	825.88	826.28	.00	.20	1.365	110.65
81.0400	.00	825.47	825.88	.00	.20	1.365	110.65
81.0800	.00	825.06	825.47	.00	.20	1.364	110.65
81.1200	.00	824.65	825.06	.00	.20	1.363	110.65
81.1600	.00	824.24	824.65	.00	.20	1.363	110.65
81.2000	.00	823.84	824.24	.00	.20	1.362	110.65
81.2400	.00	823.43	823.84	.00	.20	1.361	110.65
81.2800	.00	823.02	823.43	.00	.20	1.361	110.65

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
.8400	.00	.00	.00	.00	.00	.000	109.00
.8800	.00	.00	.00	.00	.00	.000	109.00
.9200	.01	.01	.01	.00	.00	.000	109.00
.9600	.01	.03	.03	.00	.00	.000	109.00
1.0000	.02	.07	.07	.00	.00	.000	109.00
1.0400	.03	.12	.12	.00	.00	.000	109.00
1.0800	.04	.19	.19	.00	.00	.000	109.00
1.1200	.05	.28	.28	.00	.00	.000	109.00
1.1600	.06	.38	.38	.00	.00	.001	109.00
1.2000	.06	.50	.50	.00	.00	.001	109.00
1.2400	.07	.64	.64	.00	.00	.001	109.00
1.2800	.08	.79	.79	.00	.00	.001	109.00
1.3200	.09	.96	.96	.00	.00	.002	109.00
1.3600	.10	1.15	1.15	.00	.00	.002	109.00
1.4000	.10	1.35	1.35	.00	.00	.002	109.00
1.4400	.11	1.56	1.56	.00	.00	.003	109.00
1.4800	.12	1.79	1.79	.00	.00	.003	109.00
1.5200	.12	2.03	2.03	.00	.00	.003	109.00
1.5600	.13	2.28	2.28	.00	.00	.004	109.01
1.6000	.14	2.55	2.55	.00	.00	.004	109.01
1.6400	.14	2.83	2.83	.00	.00	.005	109.01
1.6800	.15	3.12	3.12	.00	.00	.005	109.01
1.7200	.15	3.42	3.42	.00	.00	.006	109.01
1.7600	.16	3.74	3.74	.00	.00	.006	109.01
1.8000	.17	4.07	4.07	.00	.00	.007	109.01
1.8400	.17	4.40	4.40	.00	.00	.007	109.01
1.8800	.18	4.75	4.75	.00	.00	.008	109.01
1.9200	.18	5.11	5.11	.00	.00	.008	109.01
1.9600	.19	5.48	5.48	.00	.00	.009	109.01
2.0000	.19	5.86	5.86	.00	.00	.010	109.01
2.0400	.20	6.25	6.25	.00	.00	.010	109.01
2.0800	.20	6.65	6.65	.00	.00	.011	109.02
2.1200	.21	7.06	7.06	.00	.00	.012	109.02
2.1600	.21	7.48	7.48	.00	.00	.012	109.02
2.2000	.22	7.91	7.91	.00	.00	.013	109.02
2.2400	.22	8.36	8.36	.00	.00	.014	109.02
2.2800	.23	8.81	8.81	.00	.00	.015	109.02
2.3200	.24	9.27	9.27	.00	.00	.015	109.02
2.3600	.24	9.75	9.75	.00	.00	.016	109.02
2.4000	.25	10.24	10.24	.00	.00	.017	109.02
2.4400	.25	10.74	10.74	.00	.00	.018	109.02
2.4800	.26	11.25	11.25	.00	.00	.019	109.03

LEVEL POOL ROUTING CALCULATIONS

HYG Dir               = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
2.5200	.26	11.77	11.77	.00	.00	.019	109.03
2.5600	.27	12.30	12.30	.00	.00	.020	109.03
2.6000	.27	12.84	12.84	.00	.00	.021	109.03
2.6400	.28	13.39	13.39	.00	.00	.022	109.03
2.6800	.29	13.96	13.96	.00	.00	.023	109.03
2.7200	.29	14.53	14.53	.00	.00	.024	109.03
2.7600	.30	15.12	15.12	.00	.00	.025	109.03
2.8000	.30	15.72	15.72	.00	.00	.026	109.04
2.8400	.31	16.33	16.33	.00	.00	.027	109.04
2.8800	.31	16.95	16.95	.00	.00	.028	109.04
2.9200	.32	17.57	17.57	.00	.00	.029	109.04
2.9600	.32	18.22	18.22	.00	.00	.030	109.04
3.0000	.33	18.87	18.87	.00	.00	.031	109.04
3.0400	.33	19.53	19.53	.00	.00	.032	109.04
3.0800	.34	20.20	20.20	.00	.00	.033	109.05
3.1200	.34	20.88	20.88	.00	.00	.034	109.05
3.1600	.35	21.57	21.57	.00	.00	.036	109.05
3.2000	.35	22.28	22.28	.00	.00	.037	109.05
3.2400	.36	22.99	22.99	.00	.00	.038	109.05
3.2800	.36	23.71	23.71	.00	.00	.039	109.05
3.3200	.37	24.45	24.45	.00	.00	.040	109.06
3.3600	.37	25.19	25.19	.00	.00	.042	109.06
3.4000	.38	25.94	25.94	.00	.00	.043	109.06
3.4400	.38	26.71	26.71	.00	.00	.044	109.06
3.4800	.39	27.48	27.48	.00	.00	.045	109.06
3.5200	.39	28.27	28.27	.00	.00	.047	109.06
3.5600	.40	29.06	29.06	.00	.00	.048	109.07
3.6000	.40	29.87	29.87	.00	.00	.049	109.07
3.6400	.41	30.68	30.68	.00	.00	.051	109.07
3.6800	.41	31.50	31.50	.00	.00	.052	109.07
3.7200	.42	32.34	32.34	.00	.00	.053	109.07
3.7600	.42	33.18	33.18	.00	.00	.055	109.07
3.8000	.43	34.03	34.03	.00	.00	.056	109.08
3.8400	.43	34.90	34.90	.00	.00	.058	109.08
3.8800	.44	35.77	35.77	.00	.00	.059	109.08
3.9200	.44	36.65	36.65	.00	.00	.061	109.08
3.9600	.45	37.54	37.54	.00	.00	.062	109.08
4.0000	.45	38.44	38.44	.00	.00	.064	109.09
4.0400	.46	39.35	39.35	.00	.00	.065	109.09
4.0800	.46	40.27	40.27	.00	.00	.067	109.09
4.1200	.47	41.20	41.20	.00	.00	.068	109.09
4.1600	.47	42.14	42.14	.00	.00	.070	109.09

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
4.2000	.48	43.09	43.09	.00	.00	.071	109.10
4.2400	.48	44.05	44.05	.00	.00	.073	109.10
4.2800	.49	45.01	45.01	.00	.00	.074	109.10
4.3200	.49	45.99	45.99	.00	.00	.076	109.10
4.3600	.50	46.97	46.97	.00	.00	.078	109.11
4.4000	.50	47.95	47.96	.00	.00	.079	109.11
4.4400	.50	48.95	48.96	.00	.00	.081	109.11
4.4800	.51	49.95	49.96	.00	.01	.083	109.11
4.5200	.51	50.96	50.97	.00	.01	.084	109.11
4.5600	.52	51.98	51.99	.00	.01	.086	109.12
4.6000	.52	53.00	53.02	.00	.01	.088	109.12
4.6400	.53	54.03	54.05	.00	.01	.089	109.12
4.6800	.53	55.07	55.09	.00	.01	.091	109.12
4.7200	.54	56.11	56.14	.00	.01	.093	109.13
4.7600	.54	57.17	57.19	.00	.01	.094	109.13
4.8000	.54	58.22	58.25	.00	.01	.096	109.13
4.8400	.55	59.29	59.32	.00	.01	.098	109.13
4.8800	.55	60.36	60.39	.00	.02	.100	109.14
4.9200	.56	61.44	61.47	.00	.02	.101	109.14
4.9600	.56	62.53	62.56	.00	.02	.103	109.14
5.0000	.57	63.62	63.65	.00	.02	.105	109.14
5.0400	.57	64.72	64.76	.00	.02	.107	109.15
5.0800	.57	65.82	65.86	.00	.02	.109	109.15
5.1200	.58	66.93	66.98	.00	.02	.111	109.15
5.1600	.58	68.05	68.10	.00	.02	.112	109.15
5.2000	.59	69.18	69.22	.00	.02	.114	109.16
5.2400	.59	70.31	70.36	.00	.02	.116	109.16
5.2800	.60	71.45	71.50	.00	.03	.118	109.16
5.3200	.60	72.59	72.64	.00	.03	.120	109.16
5.3600	.61	73.74	73.80	.00	.03	.122	109.17
5.4000	.61	74.90	74.96	.00	.03	.124	109.17
5.4400	.61	76.06	76.12	.00	.03	.126	109.17
5.4800	.62	77.23	77.29	.00	.03	.128	109.17
5.5200	.62	78.40	78.47	.00	.03	.130	109.18
5.5600	.63	79.59	79.65	.00	.03	.132	109.18
5.6000	.63	80.77	80.84	.00	.03	.134	109.18
5.6400	.63	81.97	82.04	.00	.04	.135	109.18
5.6800	.64	83.16	83.24	.00	.04	.137	109.19
5.7200	.64	84.37	84.45	.00	.04	.139	109.19
5.7600	.65	85.58	85.66	.00	.04	.141	109.19
5.8000	.65	86.80	86.88	.00	.04	.144	109.19
5.8400	.65	88.02	88.10	.00	.04	.146	109.20

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
5.8800	.66	89.25	89.33	.00	.04	.148	109.20
5.9200	.66	90.49	90.57	.00	.04	.150	109.20
5.9600	.67	91.73	91.82	.00	.04	.152	109.21
6.0000	.67	92.98	93.07	.00	.04	.154	109.21
6.0400	.68	94.23	94.32	.00	.05	.156	109.21
6.0800	.68	95.49	95.59	.00	.05	.158	109.21
6.1200	.69	96.77	96.86	.00	.05	.160	109.22
6.1600	.69	98.05	98.15	.00	.05	.162	109.22
6.2000	.70	99.35	99.45	.00	.05	.164	109.22
6.2400	.71	100.67	100.77	.00	.05	.166	109.23
6.2800	.72	102.00	102.10	.00	.05	.169	109.23
6.3200	.73	103.35	103.45	.00	.05	.171	109.23
6.3600	.74	104.72	104.82	.00	.05	.173	109.23
6.4000	.75	106.10	106.21	.00	.05	.175	109.24
6.4400	.76	107.51	107.62	.00	.05	.178	109.24
6.4800	.77	108.93	109.04	.00	.06	.180	109.24
6.5200	.78	110.37	110.48	.00	.06	.182	109.25
6.5600	.79	111.83	111.95	.00	.06	.185	109.25
6.6000	.80	113.31	113.43	.00	.06	.187	109.25
6.6400	.81	114.80	114.92	.00	.06	.190	109.26
6.6800	.82	116.32	116.44	.00	.06	.192	109.26
6.7200	.83	117.85	117.98	.00	.06	.195	109.26
6.7600	.84	119.40	119.53	.00	.06	.197	109.27
6.8000	.85	120.98	121.10	.00	.06	.200	109.27
6.8400	.86	122.56	122.69	.00	.06	.203	109.27
6.8800	.87	124.17	124.30	.00	.07	.205	109.28
6.9200	.89	125.80	125.93	.00	.07	.208	109.28
6.9600	.90	127.44	127.58	.00	.07	.211	109.28
7.0000	.91	129.11	129.24	.00	.07	.213	109.29
7.0400	.92	130.79	130.93	.00	.07	.216	109.29
7.0800	.93	132.49	132.63	.00	.07	.219	109.30
7.1200	.94	134.20	134.35	.00	.07	.222	109.30
7.1600	.95	135.94	136.09	.00	.07	.225	109.30
7.2000	.96	137.70	137.85	.00	.07	.228	109.31
7.2400	.97	139.48	139.63	.00	.07	.231	109.31
7.2800	.98	141.27	141.43	.00	.08	.234	109.32
7.3200	.99	143.09	143.24	.00	.08	.237	109.32
7.3600	1.00	144.93	145.08	.00	.08	.240	109.32
7.4000	1.01	146.79	146.94	.00	.08	.243	109.33
7.4400	1.02	148.66	148.82	.00	.08	.246	109.33
7.4800	1.03	150.56	150.71	.00	.08	.249	109.34
7.5200	1.04	152.47	152.63	.00	.08	.252	109.34



LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
7.5600	1.05	154.41	154.57	.00	.08	.255	109.34
7.6000	1.06	156.36	156.52	.00	.08	.258	109.35
7.6400	1.07	158.34	158.50	.00	.08	.262	109.35
7.6800	1.08	160.33	160.49	.00	.08	.265	109.36
7.7200	1.10	162.34	162.51	.00	.08	.268	109.36
7.7600	1.11	164.38	164.54	.00	.08	.272	109.37
7.8000	1.12	166.43	166.60	.00	.08	.275	109.37
7.8400	1.13	168.50	168.67	.00	.09	.279	109.37
7.8800	1.14	170.59	170.76	.00	.09	.282	109.38
7.9200	1.15	172.70	172.88	.00	.09	.286	109.38
7.9600	1.16	174.84	175.01	.00	.09	.289	109.39
8.0000	1.17	176.99	177.17	.00	.09	.293	109.39
8.0400	1.18	179.16	179.34	.00	.09	.296	109.40
8.0800	1.19	181.35	181.53	.00	.09	.300	109.40
8.1200	1.21	183.58	183.76	.00	.09	.304	109.41
8.1600	1.23	185.83	186.01	.00	.09	.307	109.41
8.2000	1.25	188.12	188.30	.00	.09	.311	109.42
8.2400	1.27	190.45	190.63	.00	.09	.315	109.42
8.2800	1.29	192.82	193.00	.00	.09	.319	109.43
8.3200	1.31	195.23	195.42	.00	.09	.323	109.43
8.3600	1.33	197.68	197.87	.00	.09	.327	109.44
8.4000	1.36	200.19	200.38	.00	.10	.331	109.44
8.4400	1.38	202.73	202.92	.00	.10	.335	109.45
8.4800	1.40	205.32	205.51	.00	.10	.339	109.45
8.5200	1.43	207.95	208.15	.00	.10	.344	109.46
8.5600	1.45	210.63	210.82	.00	.10	.348	109.47
8.6000	1.47	213.35	213.55	.00	.10	.353	109.47
8.6400	1.49	216.11	216.32	.00	.10	.357	109.48
8.6800	1.52	218.92	219.13	.00	.10	.362	109.48
8.7200	1.54	221.78	221.98	.00	.10	.367	109.49
8.7600	1.56	224.68	224.89	.00	.10	.372	109.50
8.8000	1.59	227.63	227.83	.00	.10	.376	109.50
8.8400	1.61	230.61	230.82	.00	.10	.381	109.51
8.8800	1.63	233.65	233.86	.00	.11	.386	109.52
8.9200	1.66	236.73	236.94	.00	.11	.391	109.52
8.9600	1.68	239.85	240.07	.00	.11	.397	109.53
9.0000	1.70	243.02	243.24	.00	.11	.402	109.54
9.0400	1.73	246.23	246.45	.00	.11	.407	109.54
9.0800	1.75	249.49	249.71	.00	.11	.412	109.55
9.1200	1.77	252.80	253.02	.00	.11	.418	109.56
9.1600	1.80	256.15	256.37	.00	.11	.423	109.56
9.2000	1.82	259.54	259.77	.00	.11	.429	109.57

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
9.2400	1.84	262.98	263.21	.00	.11	.435	109.58
9.2800	1.87	266.46	266.69	.00	.11	.441	109.59
9.3200	1.89	269.99	270.22	.00	.11	.446	109.59
9.3600	1.91	273.57	273.80	.00	.12	.452	109.60
9.4000	1.94	277.19	277.42	.00	.12	.458	109.61
9.4400	1.96	280.85	281.09	.00	.12	.464	109.62
9.4800	1.99	284.56	284.80	.00	.12	.470	109.63
9.5200	2.01	288.32	288.56	.00	.12	.477	109.63
9.5600	2.03	292.12	292.36	.00	.12	.483	109.64
9.6000	2.06	295.97	296.21	.00	.12	.489	109.65
9.6400	2.08	299.86	300.10	.00	.12	.496	109.66
9.6800	2.10	303.79	304.04	.00	.12	.502	109.67
9.7200	2.13	307.77	308.02	.00	.12	.509	109.67
9.7600	2.15	311.80	312.05	.00	.12	.516	109.68
9.8000	2.17	315.88	316.13	.00	.13	.522	109.69
9.8400	2.20	319.99	320.25	.00	.13	.529	109.70
9.8800	2.22	324.15	324.41	.00	.13	.536	109.71
9.9200	2.24	328.36	328.62	.00	.13	.543	109.72
9.9600	2.27	332.62	332.88	.00	.13	.550	109.73
10.0000	2.29	336.92	337.18	.00	.13	.557	109.74
10.0400	2.32	341.26	341.53	.00	.13	.564	109.75
10.0800	2.35	345.66	345.93	.00	.13	.571	109.76
10.1200	2.38	350.12	350.39	.00	.13	.579	109.76
10.1600	2.42	354.65	354.91	.00	.13	.586	109.77
10.2000	2.46	359.25	359.52	.00	.14	.594	109.78
10.2400	2.50	363.94	364.21	.00	.14	.602	109.79
10.2800	2.55	368.71	368.99	.00	.14	.610	109.80
10.3200	2.60	373.58	373.86	.00	.14	.618	109.81
10.3600	2.64	378.54	378.82	.00	.14	.626	109.82
10.4000	2.69	383.60	383.88	.00	.14	.634	109.84
10.4400	2.74	388.74	389.03	.00	.14	.643	109.85
10.4800	2.79	393.99	394.27	.00	.14	.651	109.86
10.5200	2.84	399.32	399.61	.00	.14	.660	109.87
10.5600	2.88	404.75	405.04	.00	.14	.669	109.88
10.6000	2.93	410.28	410.57	.00	.15	.678	109.89
10.6400	2.98	415.89	416.19	.00	.15	.688	109.90
10.6800	3.03	421.61	421.90	.00	.15	.697	109.91
10.7200	3.08	427.41	427.71	.00	.15	.707	109.93
10.7600	3.12	433.31	433.61	.00	.15	.716	109.94
10.8000	3.17	439.31	439.61	.00	.15	.726	109.95
10.8400	3.22	445.40	445.70	.00	.15	.736	109.96
10.8800	3.27	451.58	451.89	.00	.15	.747	109.98

LEVEL POOL ROUTING CALCULATIONS

HYG Dir               = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
10.9200	3.32	457.86	458.17	.00	.15	.757	109.99
10.9600	3.37	464.24	464.55	.00	.16	.768	110.00
11.0000	3.42	470.71	471.02	.00	.16	.778	110.01
11.0400	3.47	477.28	477.59	.00	.16	.789	110.03
11.0800	3.55	483.99	484.30	.00	.16	.800	110.04
11.1200	3.65	490.87	491.19	.00	.16	.812	110.05
11.1600	3.77	497.97	498.30	.00	.16	.823	110.06
11.2000	3.92	505.35	505.67	.00	.16	.835	110.08
11.2400	4.08	513.03	513.36	.00	.16	.848	110.09
11.2800	4.26	521.04	521.37	.00	.16	.861	110.11
11.3200	4.44	529.41	529.74	.00	.17	.875	110.12
11.3600	4.62	538.12	538.46	.00	.17	.890	110.14
11.4000	4.80	547.20	547.54	.00	.17	.905	110.15
11.4400	4.97	556.64	556.98	.00	.17	.920	110.17
11.4800	5.16	566.43	566.77	.00	.17	.937	110.19
11.5200	5.39	576.64	576.98	.00	.17	.953	110.21
11.5600	5.81	587.49	587.84	.00	.17	.971	110.23
11.6000	6.50	599.45	599.80	.00	.18	.991	110.25
11.6400	7.42	613.01	613.37	.00	.18	1.013	110.27
11.6800	8.76	628.83	629.19	.00	.18	1.040	110.30
11.7200	10.34	647.56	647.92	.00	.18	1.071	110.34
11.7600	12.08	669.61	669.98	.00	.18	1.107	110.38
11.8000	13.98	695.29	695.67	.00	.19	1.149	110.42
11.8400	15.89	724.78	725.16	.00	.19	1.198	110.47
11.8800	17.99	758.27	758.67	.00	.20	1.254	110.53
11.9200	20.50	796.36	796.76	.00	.20	1.317	110.60
11.9600	24.83	841.28	841.69	.00	.21	1.391	110.68
12.0000	31.73	897.41	897.84	.00	.21	1.484	110.78
12.0400	38.64	967.34	967.78	.00	.22	1.599	110.90
12.0800	43.76	1049.28	1049.74	.00	.23	1.735	111.04
12.1200	46.59	1139.15	1139.63	.00	.24	1.883	111.19
12.1600	45.92	1231.16	1231.66	.00	.25	2.035	111.35
12.2000	41.19	1317.76	1318.27	.00	.25	2.179	111.49
12.2400	35.50	1393.94	1394.46	.00	.26	2.304	111.61
12.2800	30.70	1459.61	1460.14	.00	.27	2.413	111.72
12.3200	27.13	1516.90	1517.44	.00	.27	2.508	111.81
12.3600	24.19	1567.68	1568.22	.00	.27	2.592	111.89
12.4000	21.56	1612.87	1613.43	.00	.28	2.666	111.97
12.4400	19.19	1653.06	1653.62	.00	.28	2.733	112.03
12.4800	16.77	1688.45	1689.02	.00	.28	2.791	112.09
12.5200	14.48	1719.14	1719.71	.00	.29	2.842	112.13
12.5600	12.46	1745.51	1746.08	.00	.29	2.886	112.18

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
12.6000	10.75	1768.14	1768.72	.00	.29	2.923	112.21
12.6400	9.43	1787.73	1788.32	.00	.29	2.955	112.24
12.6800	8.49	1804.91	1805.66	.00	.37	2.984	112.27
12.7200	7.88	1820.32	1821.28	.00	.48	3.010	112.29
12.7600	7.43	1834.34	1835.63	.00	.65	3.033	112.32
12.8000	7.08	1847.19	1848.85	.00	.83	3.054	112.34
12.8400	6.78	1859.06	1861.05	.00	1.00	3.074	112.35
12.8800	6.51	1870.05	1872.35	.00	1.15	3.093	112.37
12.9200	6.25	1880.22	1882.81	.00	1.30	3.110	112.39
12.9600	6.00	1889.60	1892.47	.00	1.44	3.126	112.40
13.0000	5.76	1898.14	1901.36	.00	1.61	3.140	112.42
13.0400	5.53	1905.89	1909.43	.00	1.77	3.153	112.43
13.0800	5.33	1912.94	1916.76	.00	1.91	3.165	112.44
13.1200	5.16	1919.34	1923.42	.00	2.04	3.176	112.45
13.1600	5.01	1925.20	1929.51	.00	2.16	3.186	112.46
13.2000	4.91	1930.59	1935.12	.00	2.27	3.195	112.47
13.2400	4.83	1935.59	1940.32	.00	2.37	3.203	112.47
13.2800	4.75	1940.24	1945.16	.00	2.46	3.211	112.48
13.3200	4.68	1944.57	1949.67	.00	2.55	3.218	112.49
13.3600	4.62	1948.61	1953.87	.00	2.63	3.225	112.49
13.4000	4.55	1952.36	1957.78	.00	2.71	3.232	112.50
13.4400	4.49	1955.82	1961.40	.00	2.79	3.237	112.51
13.4800	4.43	1959.00	1964.74	.00	2.87	3.243	112.51
13.5200	4.37	1961.90	1967.79	.00	2.94	3.248	112.52
13.5600	4.31	1964.56	1970.58	.00	3.01	3.252	112.52
13.6000	4.24	1966.97	1973.11	.00	3.07	3.256	112.52
13.6400	4.18	1969.15	1975.39	.00	3.12	3.260	112.53
13.6800	4.12	1971.11	1977.45	.00	3.17	3.263	112.53
13.7200	4.06	1972.85	1979.28	.00	3.21	3.266	112.53
13.7600	3.99	1974.40	1980.90	.00	3.25	3.269	112.53
13.8000	3.93	1975.75	1982.32	.00	3.29	3.271	112.54
13.8400	3.87	1976.91	1983.54	.00	3.31	3.273	112.54
13.8800	3.80	1977.91	1984.59	.00	3.34	3.275	112.54
13.9200	3.74	1978.73	1985.45	.00	3.36	3.276	112.54
13.9600	3.68	1979.40	1986.15	.00	3.38	3.277	112.54
14.0000	3.61	1979.91	1986.69	.00	3.39	3.278	112.54
14.0400	3.55	1980.28	1987.07	.00	3.40	3.279	112.54
14.0800	3.49	1980.52	1987.32	.00	3.40	3.279	112.54
14.1200	3.44	1980.64	1987.45	.00	3.41	3.279	112.54
14.1600	3.40	1980.67	1987.48	.00	3.41	3.279	112.54
14.2000	3.36	1980.62	1987.43	.00	3.41	3.279	112.54
14.2400	3.33	1980.50	1987.30	.00	3.40	3.279	112.54

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
14.2800	3.29	1980.32	1987.12	.00	3.40	3.279	112.54
14.3200	3.26	1980.09	1986.88	.00	3.39	3.278	112.54
14.3600	3.23	1979.81	1986.58	.00	3.39	3.278	112.54
14.4000	3.20	1979.49	1986.24	.00	3.38	3.277	112.54
14.4400	3.17	1979.12	1985.86	.00	3.37	3.277	112.54
14.4800	3.14	1978.71	1985.43	.00	3.36	3.276	112.54
14.5200	3.11	1978.27	1984.96	.00	3.35	3.275	112.54
14.5600	3.08	1977.79	1984.46	.00	3.34	3.274	112.54
14.6000	3.05	1977.27	1983.91	.00	3.32	3.274	112.54
14.6400	3.02	1976.72	1983.34	.00	3.31	3.273	112.54
14.6800	2.99	1976.13	1982.73	.00	3.30	3.272	112.54
14.7200	2.96	1975.52	1982.08	.00	3.28	3.271	112.54
14.7600	2.93	1974.88	1981.41	.00	3.26	3.270	112.54
14.8000	2.90	1974.21	1980.70	.00	3.25	3.268	112.53
14.8400	2.87	1973.51	1979.97	.00	3.23	3.267	112.53
14.8800	2.84	1972.78	1979.21	.00	3.21	3.266	112.53
14.9200	2.80	1972.04	1978.42	.00	3.19	3.265	112.53
14.9600	2.77	1971.26	1977.61	.00	3.17	3.263	112.53
15.0000	2.74	1970.47	1976.78	.00	3.16	3.262	112.53
15.0400	2.71	1969.65	1975.92	.00	3.14	3.261	112.53
15.0800	2.68	1968.82	1975.04	.00	3.11	3.259	112.53
15.1200	2.65	1967.96	1974.15	.00	3.09	3.258	112.52
15.1600	2.62	1967.08	1973.23	.00	3.07	3.256	112.52
15.2000	2.59	1966.19	1972.29	.00	3.05	3.255	112.52
15.2400	2.56	1965.28	1971.33	.00	3.03	3.253	112.52
15.2800	2.52	1964.35	1970.36	.00	3.00	3.252	112.52
15.3200	2.49	1963.41	1969.37	.00	2.98	3.250	112.52
15.3600	2.46	1962.45	1968.36	.00	2.96	3.249	112.52
15.4000	2.43	1961.47	1967.34	.00	2.93	3.247	112.51
15.4400	2.40	1960.49	1966.30	.00	2.91	3.245	112.51
15.4800	2.37	1959.49	1965.25	.00	2.88	3.244	112.51
15.5200	2.34	1958.47	1964.19	.00	2.86	3.242	112.51
15.5600	2.30	1957.44	1963.11	.00	2.83	3.240	112.51
15.6000	2.27	1956.41	1962.02	.00	2.81	3.238	112.51
15.6400	2.24	1955.36	1960.92	.00	2.78	3.237	112.51
15.6800	2.21	1954.30	1959.81	.00	2.76	3.235	112.50
15.7200	2.18	1953.22	1958.68	.00	2.73	3.233	112.50
15.7600	2.15	1952.14	1957.55	.00	2.70	3.231	112.50
15.8000	2.11	1951.04	1956.40	.00	2.68	3.229	112.50
15.8400	2.08	1949.92	1955.24	.00	2.66	3.227	112.50
15.8800	2.05	1948.79	1954.06	.00	2.63	3.225	112.49
15.9200	2.02	1947.63	1952.85	.00	2.61	3.224	112.49

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
15.9600	1.99	1946.46	1951.64	.00	2.59	3.222	112.49
16.0000	1.95	1945.28	1950.40	.00	2.56	3.220	112.49
16.0400	1.92	1944.08	1949.15	.00	2.54	3.217	112.49
16.0800	1.90	1942.87	1947.90	.00	2.51	3.215	112.49
16.1200	1.87	1941.66	1946.64	.00	2.49	3.213	112.48
16.1600	1.85	1940.45	1945.38	.00	2.47	3.211	112.48
16.2000	1.83	1939.25	1944.13	.00	2.44	3.209	112.48
16.2400	1.81	1938.06	1942.89	.00	2.42	3.207	112.48
16.2800	1.80	1936.88	1941.67	.00	2.39	3.205	112.48
16.3200	1.79	1935.72	1940.47	.00	2.37	3.203	112.47
16.3600	1.77	1934.59	1939.28	.00	2.35	3.201	112.47
16.4000	1.76	1933.47	1938.12	.00	2.32	3.200	112.47
16.4400	1.74	1932.36	1936.96	.00	2.30	3.198	112.47
16.4800	1.73	1931.27	1935.83	.00	2.28	3.196	112.47
16.5200	1.72	1930.20	1934.71	.00	2.26	3.194	112.47
16.5600	1.70	1929.14	1933.61	.00	2.24	3.192	112.46
16.6000	1.69	1928.10	1932.53	.00	2.22	3.191	112.46
16.6400	1.67	1927.07	1931.46	.00	2.20	3.189	112.46
16.6800	1.66	1926.05	1930.40	.00	2.17	3.187	112.46
16.7200	1.65	1925.05	1929.36	.00	2.15	3.185	112.46
16.7600	1.63	1924.06	1928.33	.00	2.13	3.184	112.46
16.8000	1.62	1923.08	1927.31	.00	2.11	3.182	112.45
16.8400	1.60	1922.11	1926.30	.00	2.10	3.180	112.45
16.8800	1.59	1921.15	1925.31	.00	2.08	3.179	112.45
16.9200	1.58	1920.21	1924.32	.00	2.06	3.177	112.45
16.9600	1.56	1919.27	1923.35	.00	2.04	3.176	112.45
17.0000	1.55	1918.35	1922.39	.00	2.02	3.174	112.45
17.0400	1.53	1917.43	1921.43	.00	2.00	3.173	112.45
17.0800	1.52	1916.52	1920.48	.00	1.98	3.171	112.44
17.1200	1.51	1915.62	1919.55	.00	1.96	3.169	112.44
17.1600	1.49	1914.73	1918.62	.00	1.95	3.168	112.44
17.2000	1.48	1913.85	1917.71	.00	1.93	3.166	112.44
17.2400	1.46	1912.97	1916.79	.00	1.91	3.165	112.44
17.2800	1.45	1912.10	1915.89	.00	1.89	3.164	112.44
17.3200	1.44	1911.24	1914.99	.00	1.88	3.162	112.44
17.3600	1.42	1910.38	1914.10	.00	1.86	3.161	112.43
17.4000	1.41	1909.54	1913.22	.00	1.84	3.159	112.43
17.4400	1.39	1908.69	1912.34	.00	1.82	3.158	112.43
17.4800	1.38	1907.85	1911.47	.00	1.81	3.156	112.43
17.5200	1.37	1907.02	1910.60	.00	1.79	3.155	112.43
17.5600	1.35	1906.20	1909.74	.00	1.77	3.154	112.43
17.6000	1.34	1905.38	1908.89	.00	1.76	3.152	112.43

LEVEL POOL ROUTING CALCULATIONS

HYG Dir               = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
17.6400	1.32	1904.56	1908.04	.00	1.74	3.151	112.43
17.6800	1.31	1903.75	1907.19	.00	1.72	3.149	112.42
17.7200	1.30	1902.94	1906.35	.00	1.71	3.148	112.42
17.7600	1.28	1902.14	1905.52	.00	1.69	3.147	112.42
17.8000	1.27	1901.34	1904.69	.00	1.68	3.145	112.42
17.8400	1.25	1900.54	1903.86	.00	1.66	3.144	112.42
17.8800	1.24	1899.75	1903.04	.00	1.64	3.143	112.42
17.9200	1.23	1898.96	1902.22	.00	1.63	3.141	112.42
17.9600	1.21	1898.18	1901.40	.00	1.61	3.140	112.42
18.0000	1.20	1897.40	1900.59	.00	1.60	3.139	112.41
18.0400	1.18	1896.62	1899.78	.00	1.58	3.137	112.41
18.0800	1.17	1895.85	1898.97	.00	1.56	3.136	112.41
18.1200	1.16	1895.08	1898.18	.00	1.55	3.135	112.41
18.1600	1.15	1894.32	1897.39	.00	1.53	3.134	112.41
18.2000	1.15	1893.59	1896.62	.00	1.52	3.132	112.41
18.2400	1.14	1892.87	1895.87	.00	1.50	3.131	112.41
18.2800	1.14	1892.17	1895.15	.00	1.49	3.130	112.41
18.3200	1.13	1891.48	1894.43	.00	1.48	3.129	112.40
18.3600	1.13	1890.82	1893.74	.00	1.46	3.128	112.40
18.4000	1.12	1890.17	1893.07	.00	1.45	3.127	112.40
18.4400	1.12	1889.54	1892.41	.00	1.44	3.126	112.40
18.4800	1.12	1888.92	1891.77	.00	1.42	3.125	112.40
18.5200	1.11	1888.33	1891.15	.00	1.41	3.124	112.40
18.5600	1.11	1887.74	1890.54	.00	1.40	3.123	112.40
18.6000	1.10	1887.15	1889.94	.00	1.40	3.122	112.40
18.6400	1.10	1886.58	1889.35	.00	1.39	3.121	112.40
18.6800	1.09	1886.01	1888.77	.00	1.38	3.120	112.40
18.7200	1.09	1885.46	1888.20	.00	1.37	3.119	112.40
18.7600	1.09	1884.90	1887.63	.00	1.36	3.118	112.39
18.8000	1.08	1884.36	1887.07	.00	1.36	3.117	112.39
18.8400	1.08	1883.82	1886.52	.00	1.35	3.116	112.39
18.8800	1.07	1883.29	1885.97	.00	1.34	3.115	112.39
18.9200	1.07	1882.77	1885.44	.00	1.33	3.114	112.39
18.9600	1.06	1882.25	1884.90	.00	1.33	3.113	112.39
19.0000	1.06	1881.74	1884.38	.00	1.32	3.112	112.39
19.0400	1.06	1881.24	1883.86	.00	1.31	3.112	112.39
19.0800	1.05	1880.74	1883.35	.00	1.30	3.111	112.39
19.1200	1.05	1880.24	1882.84	.00	1.30	3.110	112.39
19.1600	1.04	1879.75	1882.34	.00	1.29	3.109	112.39
19.2000	1.04	1879.27	1881.84	.00	1.28	3.108	112.39
19.2400	1.04	1878.79	1881.35	.00	1.28	3.108	112.39
19.2800	1.03	1878.32	1880.86	.00	1.27	3.107	112.38

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
19.3200	1.03	1877.86	1880.38	.00	1.26	3.106	112.38
19.3600	1.02	1877.39	1879.91	.00	1.26	3.105	112.38
19.4000	1.02	1876.93	1879.43	.00	1.25	3.104	112.38
19.4400	1.02	1876.48	1878.97	.00	1.24	3.104	112.38
19.4800	1.01	1876.03	1878.51	.00	1.24	3.103	112.38
19.5200	1.01	1875.59	1878.05	.00	1.23	3.102	112.38
19.5600	1.00	1875.15	1877.60	.00	1.23	3.101	112.38
19.6000	1.00	1874.71	1877.15	.00	1.22	3.101	112.38
19.6400	.99	1874.28	1876.70	.00	1.21	3.100	112.38
19.6800	.99	1873.85	1876.26	.00	1.21	3.099	112.38
19.7200	.99	1873.42	1875.83	.00	1.20	3.098	112.38
19.7600	.98	1873.00	1875.39	.00	1.19	3.098	112.38
19.8000	.98	1872.58	1874.96	.00	1.19	3.097	112.38
19.8400	.97	1872.17	1874.53	.00	1.18	3.096	112.37
19.8800	.97	1871.76	1874.11	.00	1.18	3.096	112.37
19.9200	.96	1871.35	1873.69	.00	1.17	3.095	112.37
19.9600	.96	1870.94	1873.27	.00	1.17	3.094	112.37
20.0000	.96	1870.54	1872.86	.00	1.16	3.094	112.37
20.0400	.95	1870.14	1872.45	.00	1.15	3.093	112.37
20.0800	.95	1869.75	1872.04	.00	1.15	3.092	112.37
20.1200	.94	1869.35	1871.64	.00	1.14	3.092	112.37
20.1600	.94	1868.96	1871.24	.00	1.14	3.091	112.37
20.2000	.94	1868.58	1870.84	.00	1.13	3.090	112.37
20.2400	.94	1868.20	1870.45	.00	1.13	3.090	112.37
20.2800	.93	1867.83	1870.07	.00	1.12	3.089	112.37
20.3200	.93	1867.46	1869.69	.00	1.12	3.088	112.37
20.3600	.92	1867.09	1869.31	.00	1.11	3.088	112.37
20.4000	.92	1866.72	1868.93	.00	1.11	3.087	112.37
20.4400	.92	1866.36	1868.56	.00	1.10	3.087	112.37
20.4800	.92	1866.00	1868.20	.00	1.10	3.086	112.36
20.5200	.91	1865.65	1867.83	.00	1.09	3.085	112.36
20.5600	.91	1865.30	1867.47	.00	1.09	3.085	112.36
20.6000	.91	1864.96	1867.12	.00	1.08	3.084	112.36
20.6400	.90	1864.62	1866.77	.00	1.08	3.084	112.36
20.6800	.90	1864.28	1866.42	.00	1.07	3.083	112.36
20.7200	.89	1863.94	1866.07	.00	1.07	3.083	112.36
20.7600	.89	1863.60	1865.72	.00	1.06	3.082	112.36
20.8000	.89	1863.27	1865.38	.00	1.06	3.081	112.36
20.8400	.89	1862.94	1865.05	.00	1.05	3.081	112.36
20.8800	.88	1862.62	1864.71	.00	1.05	3.080	112.36
20.9200	.88	1862.30	1864.38	.00	1.04	3.080	112.36
20.9600	.88	1861.98	1864.06	.00	1.04	3.079	112.36



LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
21.0000	.87	1861.66	1863.73	.00	1.03	3.079	112.36
21.0400	.87	1861.35	1863.41	.00	1.03	3.078	112.36
21.0800	.87	1861.05	1863.10	.00	1.02	3.078	112.36
21.1200	.87	1860.74	1862.78	.00	1.02	3.077	112.36
21.1600	.86	1860.44	1862.47	.00	1.02	3.077	112.36
21.2000	.86	1860.13	1862.16	.00	1.01	3.076	112.36
21.2400	.85	1859.83	1861.85	.00	1.01	3.076	112.36
21.2800	.85	1859.53	1861.54	.00	1.00	3.075	112.35
21.3200	.85	1859.23	1861.23	.00	1.00	3.075	112.35
21.3600	.85	1858.94	1860.93	.00	.99	3.074	112.35
21.4000	.84	1858.65	1860.63	.00	.99	3.074	112.35
21.4400	.84	1858.36	1860.33	.00	.99	3.073	112.35
21.4800	.84	1858.07	1860.03	.00	.98	3.073	112.35
21.5200	.83	1857.78	1859.74	.00	.98	3.072	112.35
21.5600	.83	1857.49	1859.44	.00	.97	3.072	112.35
21.6000	.83	1857.20	1859.14	.00	.97	3.071	112.35
21.6400	.82	1856.92	1858.85	.00	.97	3.071	112.35
21.6800	.82	1856.64	1858.56	.00	.96	3.070	112.35
21.7200	.82	1856.36	1858.28	.00	.96	3.070	112.35
21.7600	.81	1856.08	1857.99	.00	.95	3.069	112.35
21.8000	.81	1855.81	1857.71	.00	.95	3.069	112.35
21.8400	.81	1855.53	1857.43	.00	.95	3.068	112.35
21.8800	.81	1855.26	1857.15	.00	.94	3.068	112.35
21.9200	.80	1855.00	1856.87	.00	.94	3.068	112.35
21.9600	.80	1854.73	1856.60	.00	.93	3.067	112.35
22.0000	.79	1854.46	1856.32	.00	.93	3.067	112.35
22.0400	.79	1854.19	1856.04	.00	.93	3.066	112.35
22.0800	.79	1853.92	1855.77	.00	.92	3.066	112.35
22.1200	.79	1853.65	1855.49	.00	.92	3.065	112.35
22.1600	.78	1853.39	1855.22	.00	.92	3.065	112.35
22.2000	.78	1853.13	1854.95	.00	.91	3.064	112.34
22.2400	.78	1852.87	1854.68	.00	.91	3.064	112.34
22.2800	.77	1852.60	1854.41	.00	.90	3.064	112.34
22.3200	.77	1852.34	1854.14	.00	.90	3.063	112.34
22.3600	.76	1852.08	1853.87	.00	.90	3.063	112.34
22.4000	.76	1851.82	1853.60	.00	.89	3.062	112.34
22.4400	.76	1851.56	1853.34	.00	.89	3.062	112.34
22.4800	.76	1851.30	1853.07	.00	.89	3.061	112.34
22.5200	.75	1851.05	1852.81	.00	.88	3.061	112.34
22.5600	.75	1850.79	1852.55	.00	.88	3.061	112.34
22.6000	.75	1850.54	1852.29	.00	.88	3.060	112.34
22.6400	.75	1850.28	1852.03	.00	.87	3.060	112.34

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
22.6800	.74	1850.04	1851.77	.00	.87	3.059	112.34
22.7200	.74	1849.79	1851.52	.00	.86	3.059	112.34
22.7600	.73	1849.54	1851.26	.00	.86	3.058	112.34
22.8000	.73	1849.29	1851.00	.00	.86	3.058	112.34
22.8400	.73	1849.04	1850.74	.00	.85	3.058	112.34
22.8800	.72	1848.79	1850.49	.00	.85	3.057	112.34
22.9200	.72	1848.54	1850.23	.00	.85	3.057	112.34
22.9600	.72	1848.29	1849.98	.00	.84	3.056	112.34
23.0000	.72	1848.04	1849.72	.00	.84	3.056	112.34
23.0400	.71	1847.80	1849.47	.00	.84	3.056	112.34
23.0800	.71	1847.55	1849.22	.00	.83	3.055	112.34
23.1200	.70	1847.30	1848.96	.00	.83	3.055	112.34
23.1600	.70	1847.05	1848.71	.00	.83	3.054	112.34
23.2000	.70	1846.81	1848.45	.00	.82	3.054	112.33
23.2400	.70	1846.56	1848.20	.00	.82	3.053	112.33
23.2800	.69	1846.32	1847.95	.00	.82	3.053	112.33
23.3200	.69	1846.07	1847.70	.00	.81	3.053	112.33
23.3600	.68	1845.83	1847.45	.00	.81	3.052	112.33
23.4000	.68	1845.59	1847.20	.00	.81	3.052	112.33
23.4400	.68	1845.35	1846.95	.00	.80	3.051	112.33
23.4800	.68	1845.11	1846.71	.00	.80	3.051	112.33
23.5200	.67	1844.87	1846.46	.00	.79	3.051	112.33
23.5600	.67	1844.63	1846.22	.00	.79	3.050	112.33
23.6000	.67	1844.39	1845.97	.00	.79	3.050	112.33
23.6400	.66	1844.15	1845.72	.00	.78	3.049	112.33
23.6800	.66	1843.91	1845.47	.00	.78	3.049	112.33
23.7200	.66	1843.67	1845.23	.00	.78	3.049	112.33
23.7600	.65	1843.43	1844.98	.00	.77	3.048	112.33
23.8000	.65	1843.20	1844.74	.00	.77	3.048	112.33
23.8400	.65	1842.96	1844.49	.00	.77	3.047	112.33
23.8800	.64	1842.72	1844.25	.00	.76	3.047	112.33
23.9200	.64	1842.48	1844.00	.00	.76	3.047	112.33
23.9600	.63	1842.24	1843.75	.00	.76	3.046	112.33
24.0000	.63	1842.00	1843.50	.00	.75	3.046	112.33
24.0400	.60	1841.72	1843.22	.00	.75	3.045	112.33
24.0800	.48	1841.31	1842.80	.00	.74	3.045	112.33
24.1200	.31	1840.63	1842.10	.00	.73	3.044	112.33
24.1600	.18	1839.67	1841.12	.00	.72	3.042	112.32
24.2000	.10	1838.54	1839.95	.00	.70	3.040	112.32
24.2400	.05	1837.31	1838.69	.00	.69	3.038	112.32
24.2800	.03	1836.06	1837.40	.00	.67	3.036	112.32
24.3200	.02	1834.80	1836.10	.00	.65	3.034	112.32

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
24.3600	.01	1833.56	1834.82	.00	.63	3.032	112.31
24.4000	.00	1832.34	1833.57	.00	.62	3.030	112.31
24.4400	.00	1831.14	1832.34	.00	.60	3.028	112.31
24.4800	.00	1829.98	1831.15	.00	.58	3.026	112.31
24.5200	.00	1828.85	1829.98	.00	.57	3.024	112.31
24.5600	.00	1827.74	1828.85	.00	.55	3.022	112.30
24.6000	.00	1826.67	1827.74	.00	.54	3.020	112.30
24.6400	.00	1825.63	1826.67	.00	.52	3.018	112.30
24.6800	.00	1824.61	1825.63	.00	.51	3.017	112.30
24.7200	.00	1823.61	1824.61	.00	.50	3.015	112.30
24.7600	.00	1822.62	1823.61	.00	.49	3.013	112.30
24.8000	.00	1821.65	1822.62	.00	.49	3.012	112.30
24.8400	.00	1820.69	1821.65	.00	.48	3.010	112.29
24.8800	.00	1819.74	1820.69	.00	.47	3.009	112.29
24.9200	.00	1818.80	1819.74	.00	.47	3.007	112.29
24.9600	.00	1817.88	1818.80	.00	.46	3.006	112.29
25.0000	.00	1816.97	1817.88	.00	.46	3.004	112.29
25.0400	.00	1816.07	1816.97	.00	.45	3.002	112.29
25.0800	.00	1815.18	1816.07	.00	.44	3.001	112.29
25.1200	.00	1814.31	1815.18	.00	.44	3.000	112.28
25.1600	.00	1813.45	1814.31	.00	.43	2.998	112.28
25.2000	.00	1812.59	1813.45	.00	.43	2.997	112.28
25.2400	.00	1811.75	1812.59	.00	.42	2.995	112.28
25.2800	.00	1810.93	1811.75	.00	.41	2.994	112.28
25.3200	.00	1810.11	1810.93	.00	.41	2.993	112.28
25.3600	.00	1809.30	1810.11	.00	.40	2.991	112.28
25.4000	.00	1808.51	1809.30	.00	.40	2.990	112.27
25.4400	.00	1807.72	1808.51	.00	.39	2.989	112.27
25.4800	.00	1806.95	1807.72	.00	.39	2.987	112.27
25.5200	.00	1806.18	1806.95	.00	.38	2.986	112.27
25.5600	.00	1805.43	1806.18	.00	.38	2.985	112.27
25.6000	.00	1804.68	1805.43	.00	.37	2.984	112.27
25.6400	.00	1803.95	1804.68	.00	.37	2.982	112.27
25.6800	.00	1803.23	1803.95	.00	.36	2.981	112.27
25.7200	.00	1802.51	1803.23	.00	.36	2.980	112.27
25.7600	.00	1801.81	1802.51	.00	.35	2.979	112.26
25.8000	.00	1801.11	1801.81	.00	.35	2.978	112.26
25.8400	.00	1800.43	1801.11	.00	.34	2.976	112.26
25.8800	.00	1799.75	1800.43	.00	.34	2.975	112.26
25.9200	.00	1799.08	1799.75	.00	.33	2.974	112.26
25.9600	.00	1798.42	1799.08	.00	.33	2.973	112.26
26.0000	.00	1797.77	1798.42	.00	.32	2.972	112.26

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
26.0400	.00	1797.13	1797.77	.00	.32	2.971	112.26
26.0800	.00	1796.50	1797.13	.00	.32	2.970	112.26
26.1200	.00	1795.87	1796.50	.00	.31	2.969	112.25
26.1600	.00	1795.26	1795.87	.00	.31	2.968	112.25
26.2000	.00	1794.65	1795.26	.00	.30	2.967	112.25
26.2400	.00	1794.05	1794.65	.00	.30	2.966	112.25
26.2800	.00	1793.46	1794.05	.00	.30	2.965	112.25
26.3200	.00	1792.88	1793.46	.00	.29	2.964	112.25
26.3600	.00	1792.30	1792.88	.00	.29	2.963	112.25
26.4000	.00	1791.71	1792.30	.00	.29	2.962	112.25
26.4400	.00	1791.13	1791.71	.00	.29	2.961	112.25
26.4800	.00	1790.55	1791.13	.00	.29	2.960	112.25
26.5200	.00	1789.97	1790.55	.00	.29	2.959	112.25
26.5600	.00	1789.39	1789.97	.00	.29	2.958	112.24
26.6000	.00	1788.81	1789.39	.00	.29	2.957	112.24
26.6400	.00	1788.23	1788.81	.00	.29	2.956	112.24
26.6800	.00	1787.65	1788.23	.00	.29	2.955	112.24
26.7200	.00	1787.06	1787.65	.00	.29	2.954	112.24
26.7600	.00	1786.48	1787.06	.00	.29	2.953	112.24
26.8000	.00	1785.90	1786.48	.00	.29	2.952	112.24
26.8400	.00	1785.32	1785.90	.00	.29	2.951	112.24
26.8800	.00	1784.74	1785.32	.00	.29	2.950	112.24
26.9200	.00	1784.16	1784.74	.00	.29	2.949	112.24
26.9600	.00	1783.58	1784.16	.00	.29	2.949	112.24
27.0000	.00	1783.00	1783.58	.00	.29	2.948	112.23
27.0400	.00	1782.42	1783.00	.00	.29	2.947	112.23
27.0800	.00	1781.84	1782.42	.00	.29	2.946	112.23
27.1200	.00	1781.26	1781.84	.00	.29	2.945	112.23
27.1600	.00	1780.68	1781.26	.00	.29	2.944	112.23
27.2000	.00	1780.10	1780.68	.00	.29	2.943	112.23
27.2400	.00	1779.52	1780.10	.00	.29	2.942	112.23
27.2800	.00	1778.94	1779.52	.00	.29	2.941	112.23
27.3200	.00	1778.36	1778.94	.00	.29	2.940	112.23
27.3600	.00	1777.78	1778.36	.00	.29	2.939	112.23
27.4000	.00	1777.20	1777.78	.00	.29	2.938	112.23
27.4400	.00	1776.62	1777.20	.00	.29	2.937	112.22
27.4800	.00	1776.04	1776.62	.00	.29	2.936	112.22
27.5200	.00	1775.46	1776.04	.00	.29	2.935	112.22
27.5600	.00	1774.88	1775.46	.00	.29	2.934	112.22
27.6000	.00	1774.30	1774.88	.00	.29	2.933	112.22
27.6400	.00	1773.72	1774.30	.00	.29	2.932	112.22
27.6800	.00	1773.15	1773.72	.00	.29	2.931	112.22

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
27.7200	.00	1772.57	1773.15	.00	.29	2.930	112.22
27.7600	.00	1771.99	1772.57	.00	.29	2.929	112.22
27.8000	.00	1771.41	1771.99	.00	.29	2.928	112.22
27.8400	.00	1770.83	1771.41	.00	.29	2.927	112.22
27.8800	.00	1770.25	1770.83	.00	.29	2.926	112.21
27.9200	.00	1769.67	1770.25	.00	.29	2.926	112.21
27.9600	.00	1769.10	1769.67	.00	.29	2.925	112.21
28.0000	.00	1768.52	1769.10	.00	.29	2.924	112.21
28.0400	.00	1767.94	1768.52	.00	.29	2.923	112.21
28.0800	.00	1767.36	1767.94	.00	.29	2.922	112.21
28.1200	.00	1766.78	1767.36	.00	.29	2.921	112.21
28.1600	.00	1766.20	1766.78	.00	.29	2.920	112.21
28.2000	.00	1765.63	1766.20	.00	.29	2.919	112.21
28.2400	.00	1765.05	1765.63	.00	.29	2.918	112.21
28.2800	.00	1764.47	1765.05	.00	.29	2.917	112.21
28.3200	.00	1763.89	1764.47	.00	.29	2.916	112.20
28.3600	.00	1763.32	1763.89	.00	.29	2.915	112.20
28.4000	.00	1762.74	1763.32	.00	.29	2.914	112.20
28.4400	.00	1762.16	1762.74	.00	.29	2.913	112.20
28.4800	.00	1761.58	1762.16	.00	.29	2.912	112.20
28.5200	.00	1761.01	1761.58	.00	.29	2.911	112.20
28.5600	.00	1760.43	1761.01	.00	.29	2.910	112.20
28.6000	.00	1759.85	1760.43	.00	.29	2.909	112.20
28.6400	.00	1759.28	1759.85	.00	.29	2.908	112.20
28.6800	.00	1758.70	1759.28	.00	.29	2.907	112.20
28.7200	.00	1758.12	1758.70	.00	.29	2.906	112.20
28.7600	.00	1757.55	1758.12	.00	.29	2.905	112.20
28.8000	.00	1756.97	1757.55	.00	.29	2.905	112.19
28.8400	.00	1756.39	1756.97	.00	.29	2.904	112.19
28.8800	.00	1755.82	1756.39	.00	.29	2.903	112.19
28.9200	.00	1755.24	1755.82	.00	.29	2.902	112.19
28.9600	.00	1754.66	1755.24	.00	.29	2.901	112.19
29.0000	.00	1754.09	1754.66	.00	.29	2.900	112.19
29.0400	.00	1753.51	1754.09	.00	.29	2.899	112.19
29.0800	.00	1752.93	1753.51	.00	.29	2.898	112.19
29.1200	.00	1752.36	1752.93	.00	.29	2.897	112.19
29.1600	.00	1751.78	1752.36	.00	.29	2.896	112.19
29.2000	.00	1751.21	1751.78	.00	.29	2.895	112.19
29.2400	.00	1750.63	1751.21	.00	.29	2.894	112.18
29.2800	.00	1750.06	1750.63	.00	.29	2.893	112.18
29.3200	.00	1749.48	1750.06	.00	.29	2.892	112.18
29.3600	.00	1748.90	1749.48	.00	.29	2.891	112.18

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
29.4000	.00	1748.33	1748.90	.00	.29	2.890	112.18
29.4400	.00	1747.75	1748.33	.00	.29	2.889	112.18
29.4800	.00	1747.18	1747.75	.00	.29	2.888	112.18
29.5200	.00	1746.60	1747.18	.00	.29	2.887	112.18
29.5600	.00	1746.03	1746.60	.00	.29	2.886	112.18
29.6000	.00	1745.45	1746.03	.00	.29	2.885	112.18
29.6400	.00	1744.88	1745.45	.00	.29	2.885	112.18
29.6800	.00	1744.30	1744.88	.00	.29	2.884	112.17
29.7200	.00	1743.73	1744.30	.00	.29	2.883	112.17
29.7600	.00	1743.16	1743.73	.00	.29	2.882	112.17
29.8000	.00	1742.58	1743.16	.00	.29	2.881	112.17
29.8400	.00	1742.01	1742.58	.00	.29	2.880	112.17
29.8800	.00	1741.43	1742.01	.00	.29	2.879	112.17
29.9200	.00	1740.86	1741.43	.00	.29	2.878	112.17
29.9600	.00	1740.28	1740.86	.00	.29	2.877	112.17
30.0000	.00	1739.71	1740.28	.00	.29	2.876	112.17
30.0400	.00	1739.14	1739.71	.00	.29	2.875	112.17
30.0800	.00	1738.56	1739.14	.00	.29	2.874	112.17
30.1200	.00	1737.99	1738.56	.00	.29	2.873	112.16
30.1600	.00	1737.41	1737.99	.00	.29	2.872	112.16
30.2000	.00	1736.84	1737.41	.00	.29	2.871	112.16
30.2400	.00	1736.27	1736.84	.00	.29	2.870	112.16
30.2800	.00	1735.69	1736.27	.00	.29	2.869	112.16
30.3200	.00	1735.12	1735.69	.00	.29	2.868	112.16
30.3600	.00	1734.55	1735.12	.00	.29	2.867	112.16
30.4000	.00	1733.97	1734.55	.00	.29	2.866	112.16
30.4400	.00	1733.40	1733.97	.00	.29	2.866	112.16
30.4800	.00	1732.83	1733.40	.00	.29	2.865	112.16
30.5200	.00	1732.25	1732.83	.00	.29	2.864	112.16
30.5600	.00	1731.68	1732.25	.00	.29	2.863	112.15
30.6000	.00	1731.11	1731.68	.00	.29	2.862	112.15
30.6400	.00	1730.54	1731.11	.00	.29	2.861	112.15
30.6800	.00	1729.96	1730.54	.00	.29	2.860	112.15
30.7200	.00	1729.39	1729.96	.00	.29	2.859	112.15
30.7600	.00	1728.82	1729.39	.00	.29	2.858	112.15
30.8000	.00	1728.25	1728.82	.00	.29	2.857	112.15
30.8400	.00	1727.67	1728.25	.00	.29	2.856	112.15
30.8800	.00	1727.10	1727.67	.00	.29	2.855	112.15
30.9200	.00	1726.53	1727.10	.00	.29	2.854	112.15
30.9600	.00	1725.96	1726.53	.00	.29	2.853	112.15
31.0000	.00	1725.39	1725.96	.00	.29	2.852	112.14
31.0400	.00	1724.81	1725.39	.00	.29	2.851	112.14

LEVEL POOL ROUTING CALCULATIONS

HYG Dir               = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
31.0800	.00	1724.24	1724.81	.00	.29	2.850	112.14
31.1200	.00	1723.67	1724.24	.00	.29	2.849	112.14
31.1600	.00	1723.10	1723.67	.00	.29	2.848	112.14
31.2000	.00	1722.53	1723.10	.00	.29	2.848	112.14
31.2400	.00	1721.96	1722.53	.00	.29	2.847	112.14
31.2800	.00	1721.38	1721.96	.00	.29	2.846	112.14
31.3200	.00	1720.81	1721.38	.00	.29	2.845	112.14
31.3600	.00	1720.24	1720.81	.00	.29	2.844	112.14
31.4000	.00	1719.67	1720.24	.00	.29	2.843	112.14
31.4400	.00	1719.10	1719.67	.00	.29	2.842	112.13
31.4800	.00	1718.53	1719.10	.00	.29	2.841	112.13
31.5200	.00	1717.96	1718.53	.00	.29	2.840	112.13
31.5600	.00	1717.39	1717.96	.00	.29	2.839	112.13
31.6000	.00	1716.82	1717.39	.00	.29	2.838	112.13
31.6400	.00	1716.25	1716.82	.00	.29	2.837	112.13
31.6800	.00	1715.67	1716.25	.00	.29	2.836	112.13
31.7200	.00	1715.10	1715.67	.00	.29	2.835	112.13
31.7600	.00	1714.53	1715.10	.00	.29	2.834	112.13
31.8000	.00	1713.96	1714.53	.00	.29	2.833	112.13
31.8400	.00	1713.39	1713.96	.00	.29	2.832	112.13
31.8800	.00	1712.82	1713.39	.00	.29	2.832	112.12
31.9200	.00	1712.25	1712.82	.00	.29	2.831	112.12
31.9600	.00	1711.68	1712.25	.00	.28	2.830	112.12
32.0000	.00	1711.11	1711.68	.00	.28	2.829	112.12
32.0400	.00	1710.54	1711.11	.00	.28	2.828	112.12
32.0800	.00	1709.97	1710.54	.00	.28	2.827	112.12
32.1200	.00	1709.40	1709.97	.00	.28	2.826	112.12
32.1600	.00	1708.84	1709.40	.00	.28	2.825	112.12
32.2000	.00	1708.27	1708.84	.00	.28	2.824	112.12
32.2400	.00	1707.70	1708.27	.00	.28	2.823	112.12
32.2800	.00	1707.13	1707.70	.00	.28	2.822	112.12
32.3200	.00	1706.56	1707.13	.00	.28	2.821	112.11
32.3600	.00	1705.99	1706.56	.00	.28	2.820	112.11
32.4000	.00	1705.42	1705.99	.00	.28	2.819	112.11
32.4400	.00	1704.85	1705.42	.00	.28	2.818	112.11
32.4800	.00	1704.28	1704.85	.00	.28	2.817	112.11
32.5200	.00	1703.71	1704.28	.00	.28	2.816	112.11
32.5600	.00	1703.14	1703.71	.00	.28	2.816	112.11
32.6000	.00	1702.58	1703.14	.00	.28	2.815	112.11
32.6400	.00	1702.01	1702.58	.00	.28	2.814	112.11
32.6800	.00	1701.44	1702.01	.00	.28	2.813	112.11
32.7200	.00	1700.87	1701.44	.00	.28	2.812	112.11

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
32.7600	.00	1700.30	1700.87	.00	.28	2.811	112.11
32.8000	.00	1699.73	1700.30	.00	.28	2.810	112.10
32.8400	.00	1699.17	1699.73	.00	.28	2.809	112.10
32.8800	.00	1698.60	1699.17	.00	.28	2.808	112.10
32.9200	.00	1698.03	1698.60	.00	.28	2.807	112.10
32.9600	.00	1697.46	1698.03	.00	.28	2.806	112.10
33.0000	.00	1696.89	1697.46	.00	.28	2.805	112.10
33.0400	.00	1696.33	1696.89	.00	.28	2.804	112.10
33.0800	.00	1695.76	1696.33	.00	.28	2.803	112.10
33.1200	.00	1695.19	1695.76	.00	.28	2.802	112.10
33.1600	.00	1694.62	1695.19	.00	.28	2.801	112.10
33.2000	.00	1694.06	1694.62	.00	.28	2.801	112.10
33.2400	.00	1693.49	1694.06	.00	.28	2.800	112.09
33.2800	.00	1692.92	1693.49	.00	.28	2.799	112.09
33.3200	.00	1692.36	1692.92	.00	.28	2.798	112.09
33.3600	.00	1691.79	1692.36	.00	.28	2.797	112.09
33.4000	.00	1691.22	1691.79	.00	.28	2.796	112.09
33.4400	.00	1690.66	1691.22	.00	.28	2.795	112.09
33.4800	.00	1690.09	1690.66	.00	.28	2.794	112.09
33.5200	.00	1689.52	1690.09	.00	.28	2.793	112.09
33.5600	.00	1688.96	1689.52	.00	.28	2.792	112.09
33.6000	.00	1688.39	1688.96	.00	.28	2.791	112.09
33.6400	.00	1687.82	1688.39	.00	.28	2.790	112.09
33.6800	.00	1687.26	1687.82	.00	.28	2.789	112.08
33.7200	.00	1686.69	1687.26	.00	.28	2.788	112.08
33.7600	.00	1686.12	1686.69	.00	.28	2.787	112.08
33.8000	.00	1685.56	1686.12	.00	.28	2.786	112.08
33.8400	.00	1684.99	1685.56	.00	.28	2.786	112.08
33.8800	.00	1684.43	1684.99	.00	.28	2.785	112.08
33.9200	.00	1683.86	1684.43	.00	.28	2.784	112.08
33.9600	.00	1683.29	1683.86	.00	.28	2.783	112.08
34.0000	.00	1682.73	1683.29	.00	.28	2.782	112.08
34.0400	.00	1682.16	1682.73	.00	.28	2.781	112.08
34.0800	.00	1681.60	1682.16	.00	.28	2.780	112.08
34.1200	.00	1681.03	1681.60	.00	.28	2.779	112.07
34.1600	.00	1680.47	1681.03	.00	.28	2.778	112.07
34.2000	.00	1679.90	1680.47	.00	.28	2.777	112.07
34.2400	.00	1679.34	1679.90	.00	.28	2.776	112.07
34.2800	.00	1678.77	1679.34	.00	.28	2.775	112.07
34.3200	.00	1678.21	1678.77	.00	.28	2.774	112.07
34.3600	.00	1677.64	1678.21	.00	.28	2.773	112.07
34.4000	.00	1677.08	1677.64	.00	.28	2.772	112.07



LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
34.4400	.00	1676.51	1677.08	.00	.28	2.771	112.07
34.4800	.00	1675.95	1676.51	.00	.28	2.771	112.07
34.5200	.00	1675.38	1675.95	.00	.28	2.770	112.07
34.5600	.00	1674.82	1675.38	.00	.28	2.769	112.06
34.6000	.00	1674.25	1674.82	.00	.28	2.768	112.06
34.6400	.00	1673.69	1674.25	.00	.28	2.767	112.06
34.6800	.00	1673.13	1673.69	.00	.28	2.766	112.06
34.7200	.00	1672.56	1673.13	.00	.28	2.765	112.06
34.7600	.00	1672.00	1672.56	.00	.28	2.764	112.06
34.8000	.00	1671.43	1672.00	.00	.28	2.763	112.06
34.8400	.00	1670.87	1671.43	.00	.28	2.762	112.06
34.8800	.00	1670.31	1670.87	.00	.28	2.761	112.06
34.9200	.00	1669.74	1670.31	.00	.28	2.760	112.06
34.9600	.00	1669.18	1669.74	.00	.28	2.759	112.06
35.0000	.00	1668.62	1669.18	.00	.28	2.758	112.06
35.0400	.00	1668.05	1668.62	.00	.28	2.757	112.05
35.0800	.00	1667.49	1668.05	.00	.28	2.757	112.05
35.1200	.00	1666.93	1667.49	.00	.28	2.756	112.05
35.1600	.00	1666.36	1666.93	.00	.28	2.755	112.05
35.2000	.00	1665.80	1666.36	.00	.28	2.754	112.05
35.2400	.00	1665.24	1665.80	.00	.28	2.753	112.05
35.2800	.00	1664.67	1665.24	.00	.28	2.752	112.05
35.3200	.00	1664.11	1664.67	.00	.28	2.751	112.05
35.3600	.00	1663.55	1664.11	.00	.28	2.750	112.05
35.4000	.00	1662.99	1663.55	.00	.28	2.749	112.05
35.4400	.00	1662.42	1662.99	.00	.28	2.748	112.05
35.4800	.00	1661.86	1662.42	.00	.28	2.747	112.04
35.5200	.00	1661.30	1661.86	.00	.28	2.746	112.04
35.5600	.00	1660.74	1661.30	.00	.28	2.745	112.04
35.6000	.00	1660.17	1660.74	.00	.28	2.744	112.04
35.6400	.00	1659.61	1660.17	.00	.28	2.744	112.04
35.6800	.00	1659.05	1659.61	.00	.28	2.743	112.04
35.7200	.00	1658.49	1659.05	.00	.28	2.742	112.04
35.7600	.00	1657.93	1658.49	.00	.28	2.741	112.04
35.8000	.00	1657.36	1657.93	.00	.28	2.740	112.04
35.8400	.00	1656.80	1657.36	.00	.28	2.739	112.04
35.8800	.00	1656.24	1656.80	.00	.28	2.738	112.04
35.9200	.00	1655.68	1656.24	.00	.28	2.737	112.03
35.9600	.00	1655.12	1655.68	.00	.28	2.736	112.03
36.0000	.00	1654.56	1655.12	.00	.28	2.735	112.03
36.0400	.00	1654.00	1654.56	.00	.28	2.734	112.03
36.0800	.00	1653.43	1654.00	.00	.28	2.733	112.03

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN                IN 10YR  
 Outflow HYG file = NONE STORED - BASIN                OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
36.1200	.00	1652.87	1653.43	.00	.28	2.732	112.03
36.1600	.00	1652.31	1652.87	.00	.28	2.731	112.03
36.2000	.00	1651.75	1652.31	.00	.28	2.731	112.03
36.2400	.00	1651.19	1651.75	.00	.28	2.730	112.03
36.2800	.00	1650.63	1651.19	.00	.28	2.729	112.03
36.3200	.00	1650.07	1650.63	.00	.28	2.728	112.03
36.3600	.00	1649.51	1650.07	.00	.28	2.727	112.02
36.4000	.00	1648.95	1649.51	.00	.28	2.726	112.02
36.4400	.00	1648.39	1648.95	.00	.28	2.725	112.02
36.4800	.00	1647.83	1648.39	.00	.28	2.724	112.02
36.5200	.00	1647.27	1647.83	.00	.28	2.723	112.02
36.5600	.00	1646.71	1647.27	.00	.28	2.722	112.02
36.6000	.00	1646.15	1646.71	.00	.28	2.721	112.02
36.6400	.00	1645.59	1646.15	.00	.28	2.720	112.02
36.6800	.00	1645.03	1645.59	.00	.28	2.719	112.02
36.7200	.00	1644.47	1645.03	.00	.28	2.719	112.02
36.7600	.00	1643.91	1644.47	.00	.28	2.718	112.02
36.8000	.00	1643.35	1643.91	.00	.28	2.717	112.02
36.8400	.00	1642.79	1643.35	.00	.28	2.716	112.01
36.8800	.00	1642.23	1642.79	.00	.28	2.715	112.01
36.9200	.00	1641.67	1642.23	.00	.28	2.714	112.01
36.9600	.00	1641.11	1641.67	.00	.28	2.713	112.01
37.0000	.00	1640.55	1641.11	.00	.28	2.712	112.01
37.0400	.00	1639.99	1640.55	.00	.28	2.711	112.01
37.0800	.00	1639.43	1639.99	.00	.28	2.710	112.01
37.1200	.00	1638.87	1639.43	.00	.28	2.709	112.01
37.1600	.00	1638.31	1638.87	.00	.28	2.708	112.01
37.2000	.00	1637.76	1638.31	.00	.28	2.707	112.01
37.2400	.00	1637.20	1637.76	.00	.28	2.707	112.01
37.2800	.00	1636.64	1637.20	.00	.28	2.706	112.00
37.3200	.00	1636.08	1636.64	.00	.28	2.705	112.00
37.3600	.00	1635.52	1636.08	.00	.28	2.704	112.00
37.4000	.00	1634.96	1635.52	.00	.28	2.703	112.00
37.4400	.00	1634.40	1634.96	.00	.28	2.702	112.00
37.4800	.00	1633.85	1634.40	.00	.28	2.701	112.00
37.5200	.00	1633.29	1633.85	.00	.28	2.700	112.00
37.5600	.00	1632.73	1633.29	.00	.28	2.699	112.00
37.6000	.00	1632.17	1632.73	.00	.28	2.698	112.00
37.6400	.00	1631.61	1632.17	.00	.28	2.697	112.00
37.6800	.00	1631.06	1631.61	.00	.28	2.696	112.00
37.7200	.00	1630.50	1631.06	.00	.28	2.695	111.99
37.7600	.00	1629.94	1630.50	.00	.28	2.695	111.99

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
37.8000	.00	1629.38	1629.94	.00	.28	2.694	111.99
37.8400	.00	1628.83	1629.38	.00	.28	2.693	111.99
37.8800	.00	1628.27	1628.83	.00	.28	2.692	111.99
37.9200	.00	1627.71	1628.27	.00	.28	2.691	111.99
37.9600	.00	1627.15	1627.71	.00	.28	2.690	111.99
38.0000	.00	1626.60	1627.15	.00	.28	2.689	111.99
38.0400	.00	1626.04	1626.60	.00	.28	2.688	111.99
38.0800	.00	1625.48	1626.04	.00	.28	2.687	111.99
38.1200	.00	1624.93	1625.48	.00	.28	2.686	111.99
38.1600	.00	1624.37	1624.93	.00	.28	2.685	111.99
38.2000	.00	1623.81	1624.37	.00	.28	2.684	111.98
38.2400	.00	1623.26	1623.81	.00	.28	2.683	111.98
38.2800	.00	1622.70	1623.26	.00	.28	2.683	111.98
38.3200	.00	1622.14	1622.70	.00	.28	2.682	111.98
38.3600	.00	1621.59	1622.14	.00	.28	2.681	111.98
38.4000	.00	1621.03	1621.59	.00	.28	2.680	111.98
38.4400	.00	1620.47	1621.03	.00	.28	2.679	111.98
38.4800	.00	1619.92	1620.47	.00	.28	2.678	111.98
38.5200	.00	1619.36	1619.92	.00	.28	2.677	111.98
38.5600	.00	1618.81	1619.36	.00	.28	2.676	111.98
38.6000	.00	1618.25	1618.81	.00	.28	2.675	111.98
38.6400	.00	1617.70	1618.25	.00	.28	2.674	111.97
38.6800	.00	1617.14	1617.70	.00	.28	2.673	111.97
38.7200	.00	1616.58	1617.14	.00	.28	2.672	111.97
38.7600	.00	1616.03	1616.58	.00	.28	2.672	111.97
38.8000	.00	1615.47	1616.03	.00	.28	2.671	111.97
38.8400	.00	1614.92	1615.47	.00	.28	2.670	111.97
38.8800	.00	1614.36	1614.92	.00	.28	2.669	111.97
38.9200	.00	1613.81	1614.36	.00	.28	2.668	111.97
38.9600	.00	1613.25	1613.81	.00	.28	2.667	111.97
39.0000	.00	1612.70	1613.25	.00	.28	2.666	111.97
39.0400	.00	1612.14	1612.70	.00	.28	2.665	111.97
39.0800	.00	1611.59	1612.14	.00	.28	2.664	111.96
39.1200	.00	1611.03	1611.59	.00	.28	2.663	111.96
39.1600	.00	1610.48	1611.03	.00	.28	2.662	111.96
39.2000	.00	1609.92	1610.48	.00	.28	2.661	111.96
39.2400	.00	1609.37	1609.92	.00	.28	2.660	111.96
39.2800	.00	1608.82	1609.37	.00	.28	2.660	111.96
39.3200	.00	1608.26	1608.82	.00	.28	2.659	111.96
39.3600	.00	1607.71	1608.26	.00	.28	2.658	111.96
39.4000	.00	1607.15	1607.71	.00	.28	2.657	111.96
39.4400	.00	1606.60	1607.15	.00	.28	2.656	111.96

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
39.4800	.00	1606.04	1606.60	.00	.28	2.655	111.96
39.5200	.00	1605.49	1606.04	.00	.28	2.654	111.95
39.5600	.00	1604.94	1605.49	.00	.28	2.653	111.95
39.6000	.00	1604.38	1604.94	.00	.28	2.652	111.95
39.6400	.00	1603.83	1604.38	.00	.28	2.651	111.95
39.6800	.00	1603.28	1603.83	.00	.28	2.650	111.95
39.7200	.00	1602.72	1603.28	.00	.28	2.649	111.95
39.7600	.00	1602.17	1602.72	.00	.28	2.649	111.95
39.8000	.00	1601.62	1602.17	.00	.28	2.648	111.95
39.8400	.00	1601.06	1601.62	.00	.28	2.647	111.95
39.8800	.00	1600.51	1601.06	.00	.28	2.646	111.95
39.9200	.00	1599.96	1600.51	.00	.28	2.645	111.95
39.9600	.00	1599.40	1599.96	.00	.28	2.644	111.95
40.0000	.00	1598.85	1599.40	.00	.28	2.643	111.94
40.0400	.00	1598.30	1598.85	.00	.28	2.642	111.94
40.0800	.00	1597.75	1598.30	.00	.28	2.641	111.94
40.1200	.00	1597.19	1597.75	.00	.28	2.640	111.94
40.1600	.00	1596.64	1597.19	.00	.28	2.639	111.94
40.2000	.00	1596.09	1596.64	.00	.28	2.639	111.94
40.2400	.00	1595.54	1596.09	.00	.28	2.638	111.94
40.2800	.00	1594.98	1595.54	.00	.28	2.637	111.94
40.3200	.00	1594.43	1594.98	.00	.28	2.636	111.94
40.3600	.00	1593.88	1594.43	.00	.28	2.635	111.94
40.4000	.00	1593.33	1593.88	.00	.28	2.634	111.94
40.4400	.00	1592.78	1593.33	.00	.28	2.633	111.93
40.4800	.00	1592.22	1592.78	.00	.28	2.632	111.93
40.5200	.00	1591.67	1592.22	.00	.28	2.631	111.93
40.5600	.00	1591.12	1591.67	.00	.28	2.630	111.93
40.6000	.00	1590.57	1591.12	.00	.28	2.629	111.93
40.6400	.00	1590.02	1590.57	.00	.28	2.629	111.93
40.6800	.00	1589.47	1590.02	.00	.28	2.628	111.93
40.7200	.00	1588.92	1589.47	.00	.28	2.627	111.93
40.7600	.00	1588.36	1588.92	.00	.28	2.626	111.93
40.8000	.00	1587.81	1588.36	.00	.28	2.625	111.93
40.8400	.00	1587.26	1587.81	.00	.28	2.624	111.93
40.8800	.00	1586.71	1587.26	.00	.28	2.623	111.93
40.9200	.00	1586.16	1586.71	.00	.28	2.622	111.92
40.9600	.00	1585.61	1586.16	.00	.28	2.621	111.92
41.0000	.00	1585.06	1585.61	.00	.28	2.620	111.92
41.0400	.00	1584.51	1585.06	.00	.28	2.619	111.92
41.0800	.00	1583.96	1584.51	.00	.28	2.619	111.92
41.1200	.00	1583.41	1583.96	.00	.28	2.618	111.92

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN                IN 10YR  
 Outflow HYG file = NONE STORED - BASIN                OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
41.1600	.00	1582.86	1583.41	.00	.28	2.617	111.92
41.2000	.00	1582.31	1582.86	.00	.28	2.616	111.92
41.2400	.00	1581.76	1582.31	.00	.28	2.615	111.92
41.2800	.00	1581.21	1581.76	.00	.28	2.614	111.92
41.3200	.00	1580.66	1581.21	.00	.27	2.613	111.92
41.3600	.00	1580.11	1580.66	.00	.27	2.612	111.91
41.4000	.00	1579.56	1580.11	.00	.27	2.611	111.91
41.4400	.00	1579.01	1579.56	.00	.27	2.610	111.91
41.4800	.00	1578.46	1579.01	.00	.27	2.609	111.91
41.5200	.00	1577.91	1578.46	.00	.27	2.609	111.91
41.5600	.00	1577.36	1577.91	.00	.27	2.608	111.91
41.6000	.00	1576.81	1577.36	.00	.27	2.607	111.91
41.6400	.00	1576.26	1576.81	.00	.27	2.606	111.91
41.6800	.00	1575.71	1576.26	.00	.27	2.605	111.91
41.7200	.00	1575.16	1575.71	.00	.27	2.604	111.91
41.7600	.00	1574.61	1575.16	.00	.27	2.603	111.91
41.8000	.00	1574.06	1574.61	.00	.27	2.602	111.90
41.8400	.00	1573.52	1574.06	.00	.27	2.601	111.90
41.8800	.00	1572.97	1573.52	.00	.27	2.600	111.90
41.9200	.00	1572.42	1572.97	.00	.27	2.599	111.90
41.9600	.00	1571.87	1572.42	.00	.27	2.599	111.90
42.0000	.00	1571.32	1571.87	.00	.27	2.598	111.90
42.0400	.00	1570.77	1571.32	.00	.27	2.597	111.90
42.0800	.00	1570.22	1570.77	.00	.27	2.596	111.90
42.1200	.00	1569.68	1570.22	.00	.27	2.595	111.90
42.1600	.00	1569.13	1569.68	.00	.27	2.594	111.90
42.2000	.00	1568.58	1569.13	.00	.27	2.593	111.90
42.2400	.00	1568.03	1568.58	.00	.27	2.592	111.90
42.2800	.00	1567.48	1568.03	.00	.27	2.591	111.89
42.3200	.00	1566.94	1567.48	.00	.27	2.590	111.89
42.3600	.00	1566.39	1566.94	.00	.27	2.589	111.89
42.4000	.00	1565.84	1566.39	.00	.27	2.589	111.89
42.4400	.00	1565.29	1565.84	.00	.27	2.588	111.89
42.4800	.00	1564.74	1565.29	.00	.27	2.587	111.89
42.5200	.00	1564.20	1564.74	.00	.27	2.586	111.89
42.5600	.00	1563.65	1564.20	.00	.27	2.585	111.89
42.6000	.00	1563.10	1563.65	.00	.27	2.584	111.89
42.6400	.00	1562.56	1563.10	.00	.27	2.583	111.89
42.6800	.00	1562.01	1562.56	.00	.27	2.582	111.89
42.7200	.00	1561.46	1562.01	.00	.27	2.581	111.88
42.7600	.00	1560.91	1561.46	.00	.27	2.580	111.88
42.8000	.00	1560.37	1560.91	.00	.27	2.580	111.88

LEVEL POOL ROUTING CALCULATIONS

HYG Dir           = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
42.8400	.00	1559.82	1560.37	.00	.27	2.579	111.88
42.8800	.00	1559.27	1559.82	.00	.27	2.578	111.88
42.9200	.00	1558.73	1559.27	.00	.27	2.577	111.88
42.9600	.00	1558.18	1558.73	.00	.27	2.576	111.88
43.0000	.00	1557.64	1558.18	.00	.27	2.575	111.88
43.0400	.00	1557.09	1557.64	.00	.27	2.574	111.88
43.0800	.00	1556.54	1557.09	.00	.27	2.573	111.88
43.1200	.00	1556.00	1556.54	.00	.27	2.572	111.88
43.1600	.00	1555.45	1556.00	.00	.27	2.571	111.88
43.2000	.00	1554.90	1555.45	.00	.27	2.570	111.87
43.2400	.00	1554.36	1554.90	.00	.27	2.570	111.87
43.2800	.00	1553.81	1554.36	.00	.27	2.569	111.87
43.3200	.00	1553.27	1553.81	.00	.27	2.568	111.87
43.3600	.00	1552.72	1553.27	.00	.27	2.567	111.87
43.4000	.00	1552.18	1552.72	.00	.27	2.566	111.87
43.4400	.00	1551.63	1552.18	.00	.27	2.565	111.87
43.4800	.00	1551.09	1551.63	.00	.27	2.564	111.87
43.5200	.00	1550.54	1551.09	.00	.27	2.563	111.87
43.5600	.00	1550.00	1550.54	.00	.27	2.562	111.87
43.6000	.00	1549.45	1550.00	.00	.27	2.561	111.87
43.6400	.00	1548.90	1549.45	.00	.27	2.561	111.86
43.6800	.00	1548.36	1548.90	.00	.27	2.560	111.86
43.7200	.00	1547.82	1548.36	.00	.27	2.559	111.86
43.7600	.00	1547.27	1547.82	.00	.27	2.558	111.86
43.8000	.00	1546.73	1547.27	.00	.27	2.557	111.86
43.8400	.00	1546.18	1546.73	.00	.27	2.556	111.86
43.8800	.00	1545.64	1546.18	.00	.27	2.555	111.86
43.9200	.00	1545.09	1545.64	.00	.27	2.554	111.86
43.9600	.00	1544.55	1545.09	.00	.27	2.553	111.86
44.0000	.00	1544.00	1544.55	.00	.27	2.552	111.86
44.0400	.00	1543.46	1544.00	.00	.27	2.552	111.86
44.0800	.00	1542.92	1543.46	.00	.27	2.551	111.85
44.1200	.00	1542.37	1542.92	.00	.27	2.550	111.85
44.1600	.00	1541.83	1542.37	.00	.27	2.549	111.85
44.2000	.00	1541.28	1541.83	.00	.27	2.548	111.85
44.2400	.00	1540.74	1541.28	.00	.27	2.547	111.85
44.2800	.00	1540.20	1540.74	.00	.27	2.546	111.85
44.3200	.00	1539.65	1540.20	.00	.27	2.545	111.85
44.3600	.00	1539.11	1539.65	.00	.27	2.544	111.85
44.4000	.00	1538.57	1539.11	.00	.27	2.543	111.85
44.4400	.00	1538.02	1538.57	.00	.27	2.543	111.85
44.4800	.00	1537.48	1538.02	.00	.27	2.542	111.85

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
44.5200	.00	1536.94	1537.48	.00	.27	2.541	111.85
44.5600	.00	1536.39	1536.94	.00	.27	2.540	111.84
44.6000	.00	1535.85	1536.39	.00	.27	2.539	111.84
44.6400	.00	1535.31	1535.85	.00	.27	2.538	111.84
44.6800	.00	1534.77	1535.31	.00	.27	2.537	111.84
44.7200	.00	1534.22	1534.77	.00	.27	2.536	111.84
44.7600	.00	1533.68	1534.22	.00	.27	2.535	111.84
44.8000	.00	1533.14	1533.68	.00	.27	2.534	111.84
44.8400	.00	1532.60	1533.14	.00	.27	2.534	111.84
44.8800	.00	1532.05	1532.60	.00	.27	2.533	111.84
44.9200	.00	1531.51	1532.05	.00	.27	2.532	111.84
44.9600	.00	1530.97	1531.51	.00	.27	2.531	111.84
45.0000	.00	1530.43	1530.97	.00	.27	2.530	111.83
45.0400	.00	1529.88	1530.43	.00	.27	2.529	111.83
45.0800	.00	1529.34	1529.88	.00	.27	2.528	111.83
45.1200	.00	1528.80	1529.34	.00	.27	2.527	111.83
45.1600	.00	1528.26	1528.80	.00	.27	2.526	111.83
45.2000	.00	1527.72	1528.26	.00	.27	2.526	111.83
45.2400	.00	1527.18	1527.72	.00	.27	2.525	111.83
45.2800	.00	1526.63	1527.18	.00	.27	2.524	111.83
45.3200	.00	1526.09	1526.63	.00	.27	2.523	111.83
45.3600	.00	1525.55	1526.09	.00	.27	2.522	111.83
45.4000	.00	1525.01	1525.55	.00	.27	2.521	111.83
45.4400	.00	1524.47	1525.01	.00	.27	2.520	111.83
45.4800	.00	1523.93	1524.47	.00	.27	2.519	111.82
45.5200	.00	1523.39	1523.93	.00	.27	2.518	111.82
45.5600	.00	1522.85	1523.39	.00	.27	2.517	111.82
45.6000	.00	1522.31	1522.85	.00	.27	2.517	111.82
45.6400	.00	1521.77	1522.31	.00	.27	2.516	111.82
45.6800	.00	1521.23	1521.77	.00	.27	2.515	111.82
45.7200	.00	1520.68	1521.23	.00	.27	2.514	111.82
45.7600	.00	1520.14	1520.68	.00	.27	2.513	111.82
45.8000	.00	1519.60	1520.14	.00	.27	2.512	111.82
45.8400	.00	1519.06	1519.60	.00	.27	2.511	111.82
45.8800	.00	1518.52	1519.06	.00	.27	2.510	111.82
45.9200	.00	1517.98	1518.52	.00	.27	2.509	111.81
45.9600	.00	1517.44	1517.98	.00	.27	2.509	111.81
46.0000	.00	1516.90	1517.44	.00	.27	2.508	111.81
46.0400	.00	1516.36	1516.90	.00	.27	2.507	111.81
46.0800	.00	1515.82	1516.36	.00	.27	2.506	111.81
46.1200	.00	1515.28	1515.82	.00	.27	2.505	111.81
46.1600	.00	1514.74	1515.28	.00	.27	2.504	111.81

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
46.2000	.00	1514.21	1514.74	.00	.27	2.503	111.81
46.2400	.00	1513.67	1514.21	.00	.27	2.502	111.81
46.2800	.00	1513.13	1513.67	.00	.27	2.501	111.81
46.3200	.00	1512.59	1513.13	.00	.27	2.501	111.81
46.3600	.00	1512.05	1512.59	.00	.27	2.500	111.81
46.4000	.00	1511.51	1512.05	.00	.27	2.499	111.80
46.4400	.00	1510.97	1511.51	.00	.27	2.498	111.80
46.4800	.00	1510.43	1510.97	.00	.27	2.497	111.80
46.5200	.00	1509.89	1510.43	.00	.27	2.496	111.80
46.5600	.00	1509.35	1509.89	.00	.27	2.495	111.80
46.6000	.00	1508.82	1509.35	.00	.27	2.494	111.80
46.6400	.00	1508.28	1508.82	.00	.27	2.493	111.80
46.6800	.00	1507.74	1508.28	.00	.27	2.493	111.80
46.7200	.00	1507.20	1507.74	.00	.27	2.492	111.80
46.7600	.00	1506.66	1507.20	.00	.27	2.491	111.80
46.8000	.00	1506.12	1506.66	.00	.27	2.490	111.80
46.8400	.00	1505.59	1506.12	.00	.27	2.489	111.80
46.8800	.00	1505.05	1505.59	.00	.27	2.488	111.79
46.9200	.00	1504.51	1505.05	.00	.27	2.487	111.79
46.9600	.00	1503.97	1504.51	.00	.27	2.486	111.79
47.0000	.00	1503.43	1503.97	.00	.27	2.485	111.79
47.0400	.00	1502.90	1503.43	.00	.27	2.485	111.79
47.0800	.00	1502.36	1502.90	.00	.27	2.484	111.79
47.1200	.00	1501.82	1502.36	.00	.27	2.483	111.79
47.1600	.00	1501.28	1501.82	.00	.27	2.482	111.79
47.2000	.00	1500.75	1501.28	.00	.27	2.481	111.79
47.2400	.00	1500.21	1500.75	.00	.27	2.480	111.79
47.2800	.00	1499.67	1500.21	.00	.27	2.479	111.79
47.3200	.00	1499.14	1499.67	.00	.27	2.478	111.78
47.3600	.00	1498.60	1499.14	.00	.27	2.477	111.78
47.4000	.00	1498.06	1498.60	.00	.27	2.477	111.78
47.4400	.00	1497.52	1498.06	.00	.27	2.476	111.78
47.4800	.00	1496.99	1497.52	.00	.27	2.475	111.78
47.5200	.00	1496.45	1496.99	.00	.27	2.474	111.78
47.5600	.00	1495.91	1496.45	.00	.27	2.473	111.78
47.6000	.00	1495.38	1495.91	.00	.27	2.472	111.78
47.6400	.00	1494.84	1495.38	.00	.27	2.471	111.78
47.6800	.00	1494.31	1494.84	.00	.27	2.470	111.78
47.7200	.00	1493.77	1494.31	.00	.27	2.469	111.78
47.7600	.00	1493.23	1493.77	.00	.27	2.469	111.78
47.8000	.00	1492.70	1493.23	.00	.27	2.468	111.77
47.8400	.00	1492.16	1492.70	.00	.27	2.467	111.77



LEVEL POOL ROUTING CALCULATIONS

HYG Dir               = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
47.8800	.00	1491.63	1492.16	.00	.27	2.466	111.77
47.9200	.00	1491.09	1491.63	.00	.27	2.465	111.77
47.9600	.00	1490.55	1491.09	.00	.27	2.464	111.77
48.0000	.00	1490.02	1490.55	.00	.27	2.463	111.77
48.0400	.00	1489.48	1490.02	.00	.27	2.462	111.77
48.0800	.00	1488.95	1489.48	.00	.27	2.461	111.77
48.1200	.00	1488.41	1488.95	.00	.27	2.461	111.77
48.1600	.00	1487.88	1488.41	.00	.27	2.460	111.77
48.2000	.00	1487.34	1487.88	.00	.27	2.459	111.77
48.2400	.00	1486.81	1487.34	.00	.27	2.458	111.76
48.2800	.00	1486.27	1486.81	.00	.27	2.457	111.76
48.3200	.00	1485.74	1486.27	.00	.27	2.456	111.76
48.3600	.00	1485.20	1485.74	.00	.27	2.455	111.76
48.4000	.00	1484.67	1485.20	.00	.27	2.454	111.76
48.4400	.00	1484.13	1484.67	.00	.27	2.453	111.76
48.4800	.00	1483.60	1484.13	.00	.27	2.453	111.76
48.5200	.00	1483.06	1483.60	.00	.27	2.452	111.76
48.5600	.00	1482.53	1483.06	.00	.27	2.451	111.76
48.6000	.00	1482.00	1482.53	.00	.27	2.450	111.76
48.6400	.00	1481.46	1482.00	.00	.27	2.449	111.76
48.6800	.00	1480.93	1481.46	.00	.27	2.448	111.76
48.7200	.00	1480.39	1480.93	.00	.27	2.447	111.75
48.7600	.00	1479.86	1480.39	.00	.27	2.446	111.75
48.8000	.00	1479.33	1479.86	.00	.27	2.446	111.75
48.8400	.00	1478.79	1479.33	.00	.27	2.445	111.75
48.8800	.00	1478.26	1478.79	.00	.27	2.444	111.75
48.9200	.00	1477.72	1478.26	.00	.27	2.443	111.75
48.9600	.00	1477.19	1477.72	.00	.27	2.442	111.75
49.0000	.00	1476.66	1477.19	.00	.27	2.441	111.75
49.0400	.00	1476.12	1476.66	.00	.27	2.440	111.75
49.0800	.00	1475.59	1476.12	.00	.27	2.439	111.75
49.1200	.00	1475.06	1475.59	.00	.27	2.438	111.75
49.1600	.00	1474.53	1475.06	.00	.27	2.438	111.74
49.2000	.00	1473.99	1474.53	.00	.27	2.437	111.74
49.2400	.00	1473.46	1473.99	.00	.27	2.436	111.74
49.2800	.00	1472.93	1473.46	.00	.27	2.435	111.74
49.3200	.00	1472.39	1472.93	.00	.27	2.434	111.74
49.3600	.00	1471.86	1472.39	.00	.27	2.433	111.74
49.4000	.00	1471.33	1471.86	.00	.27	2.432	111.74
49.4400	.00	1470.80	1471.33	.00	.27	2.431	111.74
49.4800	.00	1470.26	1470.80	.00	.27	2.431	111.74
49.5200	.00	1469.73	1470.26	.00	.27	2.430	111.74

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
49.5600	.00	1469.20	1469.73	.00	.27	2.429	111.74
49.6000	.00	1468.67	1469.20	.00	.27	2.428	111.74
49.6400	.00	1468.14	1468.67	.00	.27	2.427	111.73
49.6800	.00	1467.60	1468.14	.00	.27	2.426	111.73
49.7200	.00	1467.07	1467.60	.00	.27	2.425	111.73
49.7600	.00	1466.54	1467.07	.00	.27	2.424	111.73
49.8000	.00	1466.01	1466.54	.00	.27	2.424	111.73
49.8400	.00	1465.48	1466.01	.00	.27	2.423	111.73
49.8800	.00	1464.95	1465.48	.00	.27	2.422	111.73
49.9200	.00	1464.41	1464.95	.00	.27	2.421	111.73
49.9600	.00	1463.88	1464.41	.00	.27	2.420	111.73
50.0000	.00	1463.35	1463.88	.00	.27	2.419	111.73
50.0400	.00	1462.82	1463.35	.00	.27	2.418	111.73
50.0800	.00	1462.29	1462.82	.00	.27	2.417	111.73
50.1200	.00	1461.76	1462.29	.00	.27	2.416	111.72
50.1600	.00	1461.23	1461.76	.00	.27	2.416	111.72
50.2000	.00	1460.70	1461.23	.00	.27	2.415	111.72
50.2400	.00	1460.17	1460.70	.00	.27	2.414	111.72
50.2800	.00	1459.64	1460.17	.00	.27	2.413	111.72
50.3200	.00	1459.11	1459.64	.00	.27	2.412	111.72
50.3600	.00	1458.57	1459.11	.00	.27	2.411	111.72
50.4000	.00	1458.04	1458.57	.00	.27	2.410	111.72
50.4400	.00	1457.51	1458.04	.00	.27	2.409	111.72
50.4800	.00	1456.98	1457.51	.00	.27	2.409	111.72
50.5200	.00	1456.45	1456.98	.00	.27	2.408	111.72
50.5600	.00	1455.92	1456.45	.00	.27	2.407	111.71
50.6000	.00	1455.39	1455.92	.00	.26	2.406	111.71
50.6400	.00	1454.86	1455.39	.00	.26	2.405	111.71
50.6800	.00	1454.33	1454.86	.00	.26	2.404	111.71
50.7200	.00	1453.80	1454.33	.00	.26	2.403	111.71
50.7600	.00	1453.28	1453.80	.00	.26	2.403	111.71
50.8000	.00	1452.75	1453.28	.00	.26	2.402	111.71
50.8400	.00	1452.22	1452.75	.00	.26	2.401	111.71
50.8800	.00	1451.69	1452.22	.00	.26	2.400	111.71
50.9200	.00	1451.16	1451.69	.00	.26	2.399	111.71
50.9600	.00	1450.63	1451.16	.00	.26	2.398	111.71
51.0000	.00	1450.10	1450.63	.00	.26	2.397	111.71
51.0400	.00	1449.57	1450.10	.00	.26	2.396	111.70
51.0800	.00	1449.04	1449.57	.00	.26	2.396	111.70
51.1200	.00	1448.51	1449.04	.00	.26	2.395	111.70
51.1600	.00	1447.98	1448.51	.00	.26	2.394	111.70
51.2000	.00	1447.46	1447.98	.00	.26	2.393	111.70

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
51.2400	.00	1446.93	1447.46	.00	.26	2.392	111.70
51.2800	.00	1446.40	1446.93	.00	.26	2.391	111.70
51.3200	.00	1445.87	1446.40	.00	.26	2.390	111.70
51.3600	.00	1445.34	1445.87	.00	.26	2.389	111.70
51.4000	.00	1444.81	1445.34	.00	.26	2.389	111.70
51.4400	.00	1444.29	1444.81	.00	.26	2.388	111.70
51.4800	.00	1443.76	1444.29	.00	.26	2.387	111.70
51.5200	.00	1443.23	1443.76	.00	.26	2.386	111.69
51.5600	.00	1442.70	1443.23	.00	.26	2.385	111.69
51.6000	.00	1442.17	1442.70	.00	.26	2.384	111.69
51.6400	.00	1441.65	1442.17	.00	.26	2.383	111.69
51.6800	.00	1441.12	1441.65	.00	.26	2.382	111.69
51.7200	.00	1440.59	1441.12	.00	.26	2.382	111.69
51.7600	.00	1440.06	1440.59	.00	.26	2.381	111.69
51.8000	.00	1439.54	1440.06	.00	.26	2.380	111.69
51.8400	.00	1439.01	1439.54	.00	.26	2.379	111.69
51.8800	.00	1438.48	1439.01	.00	.26	2.378	111.69
51.9200	.00	1437.96	1438.48	.00	.26	2.377	111.69
51.9600	.00	1437.43	1437.96	.00	.26	2.376	111.68
52.0000	.00	1436.90	1437.43	.00	.26	2.375	111.68
52.0400	.00	1436.38	1436.90	.00	.26	2.375	111.68
52.0800	.00	1435.85	1436.38	.00	.26	2.374	111.68
52.1200	.00	1435.32	1435.85	.00	.26	2.373	111.68
52.1600	.00	1434.80	1435.32	.00	.26	2.372	111.68
52.2000	.00	1434.27	1434.80	.00	.26	2.371	111.68
52.2400	.00	1433.74	1434.27	.00	.26	2.370	111.68
52.2800	.00	1433.22	1433.74	.00	.26	2.369	111.68
52.3200	.00	1432.69	1433.22	.00	.26	2.368	111.68
52.3600	.00	1432.16	1432.69	.00	.26	2.368	111.68
52.4000	.00	1431.64	1432.16	.00	.26	2.367	111.68
52.4400	.00	1431.11	1431.64	.00	.26	2.366	111.67
52.4800	.00	1430.59	1431.11	.00	.26	2.365	111.67
52.5200	.00	1430.06	1430.59	.00	.26	2.364	111.67
52.5600	.00	1429.54	1430.06	.00	.26	2.363	111.67
52.6000	.00	1429.01	1429.54	.00	.26	2.362	111.67
52.6400	.00	1428.48	1429.01	.00	.26	2.361	111.67
52.6800	.00	1427.96	1428.48	.00	.26	2.361	111.67
52.7200	.00	1427.43	1427.96	.00	.26	2.360	111.67
52.7600	.00	1426.91	1427.43	.00	.26	2.359	111.67
52.8000	.00	1426.38	1426.91	.00	.26	2.358	111.67
52.8400	.00	1425.86	1426.38	.00	.26	2.357	111.67
52.8800	.00	1425.33	1425.86	.00	.26	2.356	111.67

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
52.9200	.00	1424.81	1425.33	.00	.26	2.355	111.66
52.9600	.00	1424.28	1424.81	.00	.26	2.355	111.66
53.0000	.00	1423.76	1424.28	.00	.26	2.354	111.66
53.0400	.00	1423.23	1423.76	.00	.26	2.353	111.66
53.0800	.00	1422.71	1423.23	.00	.26	2.352	111.66
53.1200	.00	1422.19	1422.71	.00	.26	2.351	111.66
53.1600	.00	1421.66	1422.19	.00	.26	2.350	111.66
53.2000	.00	1421.14	1421.66	.00	.26	2.349	111.66
53.2400	.00	1420.61	1421.14	.00	.26	2.348	111.66
53.2800	.00	1420.09	1420.61	.00	.26	2.348	111.66
53.3200	.00	1419.56	1420.09	.00	.26	2.347	111.66
53.3600	.00	1419.04	1419.56	.00	.26	2.346	111.65
53.4000	.00	1418.52	1419.04	.00	.26	2.345	111.65
53.4400	.00	1417.99	1418.52	.00	.26	2.344	111.65
53.4800	.00	1417.47	1417.99	.00	.26	2.343	111.65
53.5200	.00	1416.95	1417.47	.00	.26	2.342	111.65
53.5600	.00	1416.42	1416.95	.00	.26	2.342	111.65
53.6000	.00	1415.90	1416.42	.00	.26	2.341	111.65
53.6400	.00	1415.38	1415.90	.00	.26	2.340	111.65
53.6800	.00	1414.85	1415.38	.00	.26	2.339	111.65
53.7200	.00	1414.33	1414.85	.00	.26	2.338	111.65
53.7600	.00	1413.81	1414.33	.00	.26	2.337	111.65
53.8000	.00	1413.28	1413.81	.00	.26	2.336	111.65
53.8400	.00	1412.76	1413.28	.00	.26	2.335	111.64
53.8800	.00	1412.24	1412.76	.00	.26	2.335	111.64
53.9200	.00	1411.72	1412.24	.00	.26	2.334	111.64
53.9600	.00	1411.19	1411.72	.00	.26	2.333	111.64
54.0000	.00	1410.67	1411.19	.00	.26	2.332	111.64
54.0400	.00	1410.15	1410.67	.00	.26	2.331	111.64
54.0800	.00	1409.63	1410.15	.00	.26	2.330	111.64
54.1200	.00	1409.10	1409.63	.00	.26	2.329	111.64
54.1600	.00	1408.58	1409.10	.00	.26	2.329	111.64
54.2000	.00	1408.06	1408.58	.00	.26	2.328	111.64
54.2400	.00	1407.54	1408.06	.00	.26	2.327	111.64
54.2800	.00	1407.02	1407.54	.00	.26	2.326	111.64
54.3200	.00	1406.49	1407.02	.00	.26	2.325	111.63
54.3600	.00	1405.97	1406.49	.00	.26	2.324	111.63
54.4000	.00	1405.45	1405.97	.00	.26	2.323	111.63
54.4400	.00	1404.93	1405.45	.00	.26	2.323	111.63
54.4800	.00	1404.41	1404.93	.00	.26	2.322	111.63
54.5200	.00	1403.89	1404.41	.00	.26	2.321	111.63
54.5600	.00	1403.37	1403.89	.00	.26	2.320	111.63

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
54.6000	.00	1402.84	1403.37	.00	.26	2.319	111.63
54.6400	.00	1402.32	1402.84	.00	.26	2.318	111.63
54.6800	.00	1401.80	1402.32	.00	.26	2.317	111.63
54.7200	.00	1401.28	1401.80	.00	.26	2.317	111.63
54.7600	.00	1400.76	1401.28	.00	.26	2.316	111.63
54.8000	.00	1400.24	1400.76	.00	.26	2.315	111.62
54.8400	.00	1399.72	1400.24	.00	.26	2.314	111.62
54.8800	.00	1399.20	1399.72	.00	.26	2.313	111.62
54.9200	.00	1398.68	1399.20	.00	.26	2.312	111.62
54.9600	.00	1398.16	1398.68	.00	.26	2.311	111.62
55.0000	.00	1397.64	1398.16	.00	.26	2.311	111.62
55.0400	.00	1397.12	1397.64	.00	.26	2.310	111.62
55.0800	.00	1396.60	1397.12	.00	.26	2.309	111.62
55.1200	.00	1396.08	1396.60	.00	.26	2.308	111.62
55.1600	.00	1395.56	1396.08	.00	.26	2.307	111.62
55.2000	.00	1395.04	1395.56	.00	.26	2.306	111.62
55.2400	.00	1394.52	1395.04	.00	.26	2.305	111.61
55.2800	.00	1394.00	1394.52	.00	.26	2.305	111.61
55.3200	.00	1393.48	1394.00	.00	.26	2.304	111.61
55.3600	.00	1392.96	1393.48	.00	.26	2.303	111.61
55.4000	.00	1392.44	1392.96	.00	.26	2.302	111.61
55.4400	.00	1391.92	1392.44	.00	.26	2.301	111.61
55.4800	.00	1391.40	1391.92	.00	.26	2.300	111.61
55.5200	.00	1390.88	1391.40	.00	.26	2.299	111.61
55.5600	.00	1390.36	1390.88	.00	.26	2.299	111.61
55.6000	.00	1389.84	1390.36	.00	.26	2.298	111.61
55.6400	.00	1389.32	1389.84	.00	.26	2.297	111.61
55.6800	.00	1388.81	1389.32	.00	.26	2.296	111.61
55.7200	.00	1388.29	1388.81	.00	.26	2.295	111.60
55.7600	.00	1387.77	1388.29	.00	.26	2.294	111.60
55.8000	.00	1387.25	1387.77	.00	.26	2.293	111.60
55.8400	.00	1386.73	1387.25	.00	.26	2.293	111.60
55.8800	.00	1386.21	1386.73	.00	.26	2.292	111.60
55.9200	.00	1385.69	1386.21	.00	.26	2.291	111.60
55.9600	.00	1385.18	1385.69	.00	.26	2.290	111.60
56.0000	.00	1384.66	1385.18	.00	.26	2.289	111.60
56.0400	.00	1384.14	1384.66	.00	.26	2.288	111.60
56.0800	.00	1383.62	1384.14	.00	.26	2.287	111.60
56.1200	.00	1383.10	1383.62	.00	.26	2.287	111.60
56.1600	.00	1382.59	1383.10	.00	.26	2.286	111.60
56.2000	.00	1382.07	1382.59	.00	.26	2.285	111.59
56.2400	.00	1381.55	1382.07	.00	.26	2.284	111.59

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
56.2800	.00	1381.03	1381.55	.00	.26	2.283	111.59
56.3200	.00	1380.52	1381.03	.00	.26	2.282	111.59
56.3600	.00	1380.00	1380.52	.00	.26	2.281	111.59
56.4000	.00	1379.48	1380.00	.00	.26	2.281	111.59
56.4400	.00	1378.97	1379.48	.00	.26	2.280	111.59
56.4800	.00	1378.45	1378.97	.00	.26	2.279	111.59
56.5200	.00	1377.93	1378.45	.00	.26	2.278	111.59
56.5600	.00	1377.41	1377.93	.00	.26	2.277	111.59
56.6000	.00	1376.90	1377.41	.00	.26	2.276	111.59
56.6400	.00	1376.38	1376.90	.00	.26	2.275	111.59
56.6800	.00	1375.86	1376.38	.00	.26	2.275	111.58
56.7200	.00	1375.35	1375.86	.00	.26	2.274	111.58
56.7600	.00	1374.83	1375.35	.00	.26	2.273	111.58
56.8000	.00	1374.32	1374.83	.00	.26	2.272	111.58
56.8400	.00	1373.80	1374.32	.00	.26	2.271	111.58
56.8800	.00	1373.28	1373.80	.00	.26	2.270	111.58
56.9200	.00	1372.77	1373.28	.00	.26	2.269	111.58
56.9600	.00	1372.25	1372.77	.00	.26	2.269	111.58
57.0000	.00	1371.73	1372.25	.00	.26	2.268	111.58
57.0400	.00	1371.22	1371.73	.00	.26	2.267	111.58
57.0800	.00	1370.70	1371.22	.00	.26	2.266	111.58
57.1200	.00	1370.19	1370.70	.00	.26	2.265	111.58
57.1600	.00	1369.67	1370.19	.00	.26	2.264	111.57
57.2000	.00	1369.16	1369.67	.00	.26	2.263	111.57
57.2400	.00	1368.64	1369.16	.00	.26	2.263	111.57
57.2800	.00	1368.13	1368.64	.00	.26	2.262	111.57
57.3200	.00	1367.61	1368.13	.00	.26	2.261	111.57
57.3600	.00	1367.10	1367.61	.00	.26	2.260	111.57
57.4000	.00	1366.58	1367.10	.00	.26	2.259	111.57
57.4400	.00	1366.07	1366.58	.00	.26	2.258	111.57
57.4800	.00	1365.55	1366.07	.00	.26	2.257	111.57
57.5200	.00	1365.04	1365.55	.00	.26	2.257	111.57
57.5600	.00	1364.52	1365.04	.00	.26	2.256	111.57
57.6000	.00	1364.01	1364.52	.00	.26	2.255	111.57
57.6400	.00	1363.49	1364.01	.00	.26	2.254	111.56
57.6800	.00	1362.98	1363.49	.00	.26	2.253	111.56
57.7200	.00	1362.46	1362.98	.00	.26	2.252	111.56
57.7600	.00	1361.95	1362.46	.00	.26	2.251	111.56
57.8000	.00	1361.44	1361.95	.00	.26	2.251	111.56
57.8400	.00	1360.92	1361.44	.00	.26	2.250	111.56
57.8800	.00	1360.41	1360.92	.00	.26	2.249	111.56
57.9200	.00	1359.89	1360.41	.00	.26	2.248	111.56

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
57.9600	.00	1359.38	1359.89	.00	.26	2.247	111.56
58.0000	.00	1358.87	1359.38	.00	.26	2.246	111.56
58.0400	.00	1358.35	1358.87	.00	.26	2.246	111.56
58.0800	.00	1357.84	1358.35	.00	.26	2.245	111.55
58.1200	.00	1357.33	1357.84	.00	.26	2.244	111.55
58.1600	.00	1356.81	1357.33	.00	.26	2.243	111.55
58.2000	.00	1356.30	1356.81	.00	.26	2.242	111.55
58.2400	.00	1355.79	1356.30	.00	.26	2.241	111.55
58.2800	.00	1355.27	1355.79	.00	.26	2.240	111.55
58.3200	.00	1354.76	1355.27	.00	.26	2.240	111.55
58.3600	.00	1354.25	1354.76	.00	.26	2.239	111.55
58.4000	.00	1353.73	1354.25	.00	.26	2.238	111.55
58.4400	.00	1353.22	1353.73	.00	.26	2.237	111.55
58.4800	.00	1352.71	1353.22	.00	.26	2.236	111.55
58.5200	.00	1352.20	1352.71	.00	.26	2.235	111.55
58.5600	.00	1351.68	1352.20	.00	.26	2.235	111.54
58.6000	.00	1351.17	1351.68	.00	.26	2.234	111.54
58.6400	.00	1350.66	1351.17	.00	.26	2.233	111.54
58.6800	.00	1350.15	1350.66	.00	.26	2.232	111.54
58.7200	.00	1349.64	1350.15	.00	.26	2.231	111.54
58.7600	.00	1349.12	1349.64	.00	.26	2.230	111.54
58.8000	.00	1348.61	1349.12	.00	.26	2.229	111.54
58.8400	.00	1348.10	1348.61	.00	.26	2.229	111.54
58.8800	.00	1347.59	1348.10	.00	.26	2.228	111.54
58.9200	.00	1347.08	1347.59	.00	.26	2.227	111.54
58.9600	.00	1346.56	1347.08	.00	.26	2.226	111.54
59.0000	.00	1346.05	1346.56	.00	.26	2.225	111.54
59.0400	.00	1345.54	1346.05	.00	.26	2.224	111.53
59.0800	.00	1345.03	1345.54	.00	.26	2.224	111.53
59.1200	.00	1344.52	1345.03	.00	.26	2.223	111.53
59.1600	.00	1344.01	1344.52	.00	.26	2.222	111.53
59.2000	.00	1343.50	1344.01	.00	.26	2.221	111.53
59.2400	.00	1342.99	1343.50	.00	.26	2.220	111.53
59.2800	.00	1342.48	1342.99	.00	.26	2.219	111.53
59.3200	.00	1341.96	1342.48	.00	.26	2.218	111.53
59.3600	.00	1341.45	1341.96	.00	.26	2.218	111.53
59.4000	.00	1340.94	1341.45	.00	.26	2.217	111.53
59.4400	.00	1340.43	1340.94	.00	.26	2.216	111.53
59.4800	.00	1339.92	1340.43	.00	.26	2.215	111.53
59.5200	.00	1339.41	1339.92	.00	.26	2.214	111.52
59.5600	.00	1338.90	1339.41	.00	.26	2.213	111.52
59.6000	.00	1338.39	1338.90	.00	.26	2.213	111.52

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
59.6400	.00	1337.88	1338.39	.00	.26	2.212	111.52
59.6800	.00	1337.37	1337.88	.00	.25	2.211	111.52
59.7200	.00	1336.86	1337.37	.00	.25	2.210	111.52
59.7600	.00	1336.35	1336.86	.00	.25	2.209	111.52
59.8000	.00	1335.84	1336.35	.00	.25	2.208	111.52
59.8400	.00	1335.33	1335.84	.00	.25	2.208	111.52
59.8800	.00	1334.82	1335.33	.00	.25	2.207	111.52
59.9200	.00	1334.31	1334.82	.00	.25	2.206	111.52
59.9600	.00	1333.80	1334.31	.00	.25	2.205	111.52
60.0000	.00	1333.29	1333.80	.00	.25	2.204	111.51
60.0400	.00	1332.79	1333.29	.00	.25	2.203	111.51
60.0800	.00	1332.28	1332.79	.00	.25	2.202	111.51
60.1200	.00	1331.77	1332.28	.00	.25	2.202	111.51
60.1600	.00	1331.26	1331.77	.00	.25	2.201	111.51
60.2000	.00	1330.75	1331.26	.00	.25	2.200	111.51
60.2400	.00	1330.24	1330.75	.00	.25	2.199	111.51
60.2800	.00	1329.73	1330.24	.00	.25	2.198	111.51
60.3200	.00	1329.22	1329.73	.00	.25	2.197	111.51
60.3600	.00	1328.72	1329.22	.00	.25	2.197	111.51
60.4000	.00	1328.21	1328.72	.00	.25	2.196	111.51
60.4400	.00	1327.70	1328.21	.00	.25	2.195	111.51
60.4800	.00	1327.19	1327.70	.00	.25	2.194	111.50
60.5200	.00	1326.68	1327.19	.00	.25	2.193	111.50
60.5600	.00	1326.17	1326.68	.00	.25	2.192	111.50
60.6000	.00	1325.67	1326.17	.00	.25	2.192	111.50
60.6400	.00	1325.16	1325.67	.00	.25	2.191	111.50
60.6800	.00	1324.65	1325.16	.00	.25	2.190	111.50
60.7200	.00	1324.14	1324.65	.00	.25	2.189	111.50
60.7600	.00	1323.64	1324.14	.00	.25	2.188	111.50
60.8000	.00	1323.13	1323.64	.00	.25	2.187	111.50
60.8400	.00	1322.62	1323.13	.00	.25	2.187	111.50
60.8800	.00	1322.11	1322.62	.00	.25	2.186	111.50
60.9200	.00	1321.61	1322.11	.00	.25	2.185	111.50
60.9600	.00	1321.10	1321.61	.00	.25	2.184	111.49
61.0000	.00	1320.59	1321.10	.00	.25	2.183	111.49
61.0400	.00	1320.08	1320.59	.00	.25	2.182	111.49
61.0800	.00	1319.58	1320.08	.00	.25	2.182	111.49
61.1200	.00	1319.07	1319.58	.00	.25	2.181	111.49
61.1600	.00	1318.56	1319.07	.00	.25	2.180	111.49
61.2000	.00	1318.06	1318.56	.00	.25	2.179	111.49
61.2400	.00	1317.55	1318.06	.00	.25	2.178	111.49
61.2800	.00	1317.04	1317.55	.00	.25	2.177	111.49



LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
61.3200	.00	1316.54	1317.04	.00	.25	2.176	111.49
61.3600	.00	1316.03	1316.54	.00	.25	2.176	111.49
61.4000	.00	1315.53	1316.03	.00	.25	2.175	111.49
61.4400	.00	1315.02	1315.53	.00	.25	2.174	111.48
61.4800	.00	1314.51	1315.02	.00	.25	2.173	111.48
61.5200	.00	1314.01	1314.51	.00	.25	2.172	111.48
61.5600	.00	1313.50	1314.01	.00	.25	2.171	111.48
61.6000	.00	1313.00	1313.50	.00	.25	2.171	111.48
61.6400	.00	1312.49	1313.00	.00	.25	2.170	111.48
61.6800	.00	1311.98	1312.49	.00	.25	2.169	111.48
61.7200	.00	1311.48	1311.98	.00	.25	2.168	111.48
61.7600	.00	1310.97	1311.48	.00	.25	2.167	111.48
61.8000	.00	1310.47	1310.97	.00	.25	2.166	111.48
61.8400	.00	1309.96	1310.47	.00	.25	2.166	111.48
61.8800	.00	1309.46	1309.96	.00	.25	2.165	111.48
61.9200	.00	1308.95	1309.46	.00	.25	2.164	111.47
61.9600	.00	1308.45	1308.95	.00	.25	2.163	111.47
62.0000	.00	1307.94	1308.45	.00	.25	2.162	111.47
62.0400	.00	1307.44	1307.94	.00	.25	2.161	111.47
62.0800	.00	1306.93	1307.44	.00	.25	2.161	111.47
62.1200	.00	1306.43	1306.93	.00	.25	2.160	111.47
62.1600	.00	1305.92	1306.43	.00	.25	2.159	111.47
62.2000	.00	1305.42	1305.92	.00	.25	2.158	111.47
62.2400	.00	1304.92	1305.42	.00	.25	2.157	111.47
62.2800	.00	1304.41	1304.92	.00	.25	2.156	111.47
62.3200	.00	1303.91	1304.41	.00	.25	2.156	111.47
62.3600	.00	1303.40	1303.91	.00	.25	2.155	111.47
62.4000	.00	1302.90	1303.40	.00	.25	2.154	111.46
62.4400	.00	1302.40	1302.90	.00	.25	2.153	111.46
62.4800	.00	1301.89	1302.40	.00	.25	2.152	111.46
62.5200	.00	1301.39	1301.89	.00	.25	2.151	111.46
62.5600	.00	1300.88	1301.39	.00	.25	2.151	111.46
62.6000	.00	1300.38	1300.88	.00	.25	2.150	111.46
62.6400	.00	1299.88	1300.38	.00	.25	2.149	111.46
62.6800	.00	1299.37	1299.88	.00	.25	2.148	111.46
62.7200	.00	1298.87	1299.37	.00	.25	2.147	111.46
62.7600	.00	1298.37	1298.87	.00	.25	2.146	111.46
62.8000	.00	1297.87	1298.37	.00	.25	2.146	111.46
62.8400	.00	1297.36	1297.87	.00	.25	2.145	111.46
62.8800	.00	1296.86	1297.36	.00	.25	2.144	111.45
62.9200	.00	1296.36	1296.86	.00	.25	2.143	111.45
62.9600	.00	1295.85	1296.36	.00	.25	2.142	111.45

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
63.0000	.00	1295.35	1295.85	.00	.25	2.141	111.45
63.0400	.00	1294.85	1295.35	.00	.25	2.141	111.45
63.0800	.00	1294.35	1294.85	.00	.25	2.140	111.45
63.1200	.00	1293.84	1294.35	.00	.25	2.139	111.45
63.1600	.00	1293.34	1293.84	.00	.25	2.138	111.45
63.2000	.00	1292.84	1293.34	.00	.25	2.137	111.45
63.2400	.00	1292.34	1292.84	.00	.25	2.136	111.45
63.2800	.00	1291.84	1292.34	.00	.25	2.136	111.45
63.3200	.00	1291.33	1291.84	.00	.25	2.135	111.45
63.3600	.00	1290.83	1291.33	.00	.25	2.134	111.44
63.4000	.00	1290.33	1290.83	.00	.25	2.133	111.44
63.4400	.00	1289.83	1290.33	.00	.25	2.132	111.44
63.4800	.00	1289.33	1289.83	.00	.25	2.131	111.44
63.5200	.00	1288.83	1289.33	.00	.25	2.131	111.44
63.5600	.00	1288.32	1288.83	.00	.25	2.130	111.44
63.6000	.00	1287.82	1288.32	.00	.25	2.129	111.44
63.6400	.00	1287.32	1287.82	.00	.25	2.128	111.44
63.6800	.00	1286.82	1287.32	.00	.25	2.127	111.44
63.7200	.00	1286.32	1286.82	.00	.25	2.126	111.44
63.7600	.00	1285.82	1286.32	.00	.25	2.126	111.44
63.8000	.00	1285.32	1285.82	.00	.25	2.125	111.44
63.8400	.00	1284.82	1285.32	.00	.25	2.124	111.43
63.8800	.00	1284.32	1284.82	.00	.25	2.123	111.43
63.9200	.00	1283.82	1284.32	.00	.25	2.122	111.43
63.9600	.00	1283.32	1283.82	.00	.25	2.122	111.43
64.0000	.00	1282.81	1283.32	.00	.25	2.121	111.43
64.0400	.00	1282.31	1282.81	.00	.25	2.120	111.43
64.0800	.00	1281.81	1282.31	.00	.25	2.119	111.43
64.1200	.00	1281.31	1281.81	.00	.25	2.118	111.43
64.1600	.00	1280.81	1281.31	.00	.25	2.117	111.43
64.2000	.00	1280.31	1280.81	.00	.25	2.117	111.43
64.2400	.00	1279.81	1280.31	.00	.25	2.116	111.43
64.2800	.00	1279.31	1279.81	.00	.25	2.115	111.43
64.3200	.00	1278.81	1279.31	.00	.25	2.114	111.42
64.3600	.00	1278.32	1278.81	.00	.25	2.113	111.42
64.4000	.00	1277.82	1278.32	.00	.25	2.112	111.42
64.4400	.00	1277.32	1277.82	.00	.25	2.112	111.42
64.4800	.00	1276.82	1277.32	.00	.25	2.111	111.42
64.5200	.00	1276.32	1276.82	.00	.25	2.110	111.42
64.5600	.00	1275.82	1276.32	.00	.25	2.109	111.42
64.6000	.00	1275.32	1275.82	.00	.25	2.108	111.42
64.6400	.00	1274.82	1275.32	.00	.25	2.108	111.42

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
64.6800	.00	1274.32	1274.82	.00	.25	2.107	111.42
64.7200	.00	1273.82	1274.32	.00	.25	2.106	111.42
64.7600	.00	1273.32	1273.82	.00	.25	2.105	111.42
64.8000	.00	1272.83	1273.32	.00	.25	2.104	111.41
64.8400	.00	1272.33	1272.83	.00	.25	2.103	111.41
64.8800	.00	1271.83	1272.33	.00	.25	2.103	111.41
64.9200	.00	1271.33	1271.83	.00	.25	2.102	111.41
64.9600	.00	1270.83	1271.33	.00	.25	2.101	111.41
65.0000	.00	1270.33	1270.83	.00	.25	2.100	111.41
65.0400	.00	1269.84	1270.33	.00	.25	2.099	111.41
65.0800	.00	1269.34	1269.84	.00	.25	2.098	111.41
65.1200	.00	1268.84	1269.34	.00	.25	2.098	111.41
65.1600	.00	1268.34	1268.84	.00	.25	2.097	111.41
65.2000	.00	1267.84	1268.34	.00	.25	2.096	111.41
65.2400	.00	1267.35	1267.84	.00	.25	2.095	111.41
65.2800	.00	1266.85	1267.35	.00	.25	2.094	111.41
65.3200	.00	1266.35	1266.85	.00	.25	2.094	111.40
65.3600	.00	1265.85	1266.35	.00	.25	2.093	111.40
65.4000	.00	1265.36	1265.85	.00	.25	2.092	111.40
65.4400	.00	1264.86	1265.36	.00	.25	2.091	111.40
65.4800	.00	1264.36	1264.86	.00	.25	2.090	111.40
65.5200	.00	1263.87	1264.36	.00	.25	2.089	111.40
65.5600	.00	1263.37	1263.87	.00	.25	2.089	111.40
65.6000	.00	1262.87	1263.37	.00	.25	2.088	111.40
65.6400	.00	1262.37	1262.87	.00	.25	2.087	111.40
65.6800	.00	1261.88	1262.37	.00	.25	2.086	111.40
65.7200	.00	1261.38	1261.88	.00	.25	2.085	111.40
65.7600	.00	1260.88	1261.38	.00	.25	2.085	111.40
65.8000	.00	1260.39	1260.88	.00	.25	2.084	111.39
65.8400	.00	1259.89	1260.39	.00	.25	2.083	111.39
65.8800	.00	1259.40	1259.89	.00	.25	2.082	111.39
65.9200	.00	1258.90	1259.40	.00	.25	2.081	111.39
65.9600	.00	1258.40	1258.90	.00	.25	2.080	111.39
66.0000	.00	1257.91	1258.40	.00	.25	2.080	111.39
66.0400	.00	1257.41	1257.91	.00	.25	2.079	111.39
66.0800	.00	1256.92	1257.41	.00	.25	2.078	111.39
66.1200	.00	1256.42	1256.92	.00	.25	2.077	111.39
66.1600	.00	1255.92	1256.42	.00	.25	2.076	111.39
66.2000	.00	1255.43	1255.92	.00	.25	2.075	111.39
66.2400	.00	1254.93	1255.43	.00	.25	2.075	111.39
66.2800	.00	1254.44	1254.93	.00	.25	2.074	111.38
66.3200	.00	1253.94	1254.44	.00	.25	2.073	111.38

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
66.3600	.00	1253.45	1253.94	.00	.25	2.072	111.38
66.4000	.00	1252.95	1253.45	.00	.25	2.071	111.38
66.4400	.00	1252.46	1252.95	.00	.25	2.071	111.38
66.4800	.00	1251.96	1252.46	.00	.25	2.070	111.38
66.5200	.00	1251.47	1251.96	.00	.25	2.069	111.38
66.5600	.00	1250.97	1251.47	.00	.25	2.068	111.38
66.6000	.00	1250.48	1250.97	.00	.25	2.067	111.38
66.6400	.00	1249.98	1250.48	.00	.25	2.066	111.38
66.6800	.00	1249.49	1249.98	.00	.25	2.066	111.38
66.7200	.00	1249.00	1249.49	.00	.25	2.065	111.38
66.7600	.00	1248.50	1249.00	.00	.25	2.064	111.37
66.8000	.00	1248.01	1248.50	.00	.25	2.063	111.37
66.8400	.00	1247.51	1248.01	.00	.25	2.062	111.37
66.8800	.00	1247.02	1247.51	.00	.25	2.062	111.37
66.9200	.00	1246.53	1247.02	.00	.25	2.061	111.37
66.9600	.00	1246.03	1246.53	.00	.25	2.060	111.37
67.0000	.00	1245.54	1246.03	.00	.25	2.059	111.37
67.0400	.00	1245.04	1245.54	.00	.25	2.058	111.37
67.0800	.00	1244.55	1245.04	.00	.25	2.057	111.37
67.1200	.00	1244.06	1244.55	.00	.25	2.057	111.37
67.1600	.00	1243.56	1244.06	.00	.25	2.056	111.37
67.2000	.00	1243.07	1243.56	.00	.25	2.055	111.37
67.2400	.00	1242.58	1243.07	.00	.25	2.054	111.36
67.2800	.00	1242.08	1242.58	.00	.25	2.053	111.36
67.3200	.00	1241.59	1242.08	.00	.25	2.053	111.36
67.3600	.00	1241.10	1241.59	.00	.25	2.052	111.36
67.4000	.00	1240.61	1241.10	.00	.25	2.051	111.36
67.4400	.00	1240.11	1240.61	.00	.25	2.050	111.36
67.4800	.00	1239.62	1240.11	.00	.25	2.049	111.36
67.5200	.00	1239.13	1239.62	.00	.25	2.048	111.36
67.5600	.00	1238.64	1239.13	.00	.25	2.048	111.36
67.6000	.00	1238.14	1238.64	.00	.25	2.047	111.36
67.6400	.00	1237.65	1238.14	.00	.25	2.046	111.36
67.6800	.00	1237.16	1237.65	.00	.25	2.045	111.36
67.7200	.00	1236.67	1237.16	.00	.25	2.044	111.35
67.7600	.00	1236.17	1236.67	.00	.25	2.044	111.35
67.8000	.00	1235.68	1236.17	.00	.25	2.043	111.35
67.8400	.00	1235.19	1235.68	.00	.25	2.042	111.35
67.8800	.00	1234.70	1235.19	.00	.25	2.041	111.35
67.9200	.00	1234.21	1234.70	.00	.25	2.040	111.35
67.9600	.00	1233.72	1234.21	.00	.25	2.040	111.35
68.0000	.00	1233.22	1233.72	.00	.25	2.039	111.35

LEVEL POOL ROUTING CALCULATIONS

HYG Dir           = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
68.0400	.00	1232.73	1233.22	.00	.25	2.038	111.35
68.0800	.00	1232.24	1232.73	.00	.25	2.037	111.35
68.1200	.00	1231.75	1232.24	.00	.25	2.036	111.35
68.1600	.00	1231.26	1231.75	.00	.25	2.035	111.35
68.2000	.00	1230.77	1231.26	.00	.25	2.035	111.35
68.2400	.00	1230.28	1230.77	.00	.25	2.034	111.34
68.2800	.00	1229.79	1230.28	.00	.25	2.033	111.34
68.3200	.00	1229.30	1229.79	.00	.25	2.032	111.34
68.3600	.00	1228.81	1229.30	.00	.25	2.031	111.34
68.4000	.00	1228.32	1228.81	.00	.25	2.031	111.34
68.4400	.00	1227.82	1228.32	.00	.25	2.030	111.34
68.4800	.00	1227.33	1227.82	.00	.25	2.029	111.34
68.5200	.00	1226.84	1227.33	.00	.25	2.028	111.34
68.5600	.00	1226.35	1226.84	.00	.25	2.027	111.34
68.6000	.00	1225.86	1226.35	.00	.25	2.027	111.34
68.6400	.00	1225.37	1225.86	.00	.25	2.026	111.34
68.6800	.00	1224.88	1225.37	.00	.24	2.025	111.34
68.7200	.00	1224.39	1224.88	.00	.24	2.024	111.33
68.7600	.00	1223.90	1224.39	.00	.24	2.023	111.33
68.8000	.00	1223.41	1223.90	.00	.24	2.022	111.33
68.8400	.00	1222.92	1223.41	.00	.24	2.022	111.33
68.8800	.00	1222.44	1222.92	.00	.24	2.021	111.33
68.9200	.00	1221.95	1222.44	.00	.24	2.020	111.33
68.9600	.00	1221.46	1221.95	.00	.24	2.019	111.33
69.0000	.00	1220.97	1221.46	.00	.24	2.018	111.33
69.0400	.00	1220.48	1220.97	.00	.24	2.018	111.33
69.0800	.00	1219.99	1220.48	.00	.24	2.017	111.33
69.1200	.00	1219.50	1219.99	.00	.24	2.016	111.33
69.1600	.00	1219.01	1219.50	.00	.24	2.015	111.33
69.2000	.00	1218.52	1219.01	.00	.24	2.014	111.32
69.2400	.00	1218.03	1218.52	.00	.24	2.014	111.32
69.2800	.00	1217.55	1218.03	.00	.24	2.013	111.32
69.3200	.00	1217.06	1217.55	.00	.24	2.012	111.32
69.3600	.00	1216.57	1217.06	.00	.24	2.011	111.32
69.4000	.00	1216.08	1216.57	.00	.24	2.010	111.32
69.4400	.00	1215.59	1216.08	.00	.24	2.010	111.32
69.4800	.00	1215.10	1215.59	.00	.24	2.009	111.32
69.5200	.00	1214.62	1215.10	.00	.24	2.008	111.32
69.5600	.00	1214.13	1214.62	.00	.24	2.007	111.32
69.6000	.00	1213.64	1214.13	.00	.24	2.006	111.32
69.6400	.00	1213.15	1213.64	.00	.24	2.006	111.32
69.6800	.00	1212.66	1213.15	.00	.24	2.005	111.31

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
69.7200	.00	1212.18	1212.66	.00	.24	2.004	111.31
69.7600	.00	1211.69	1212.18	.00	.24	2.003	111.31
69.8000	.00	1211.20	1211.69	.00	.24	2.002	111.31
69.8400	.00	1210.71	1211.20	.00	.24	2.002	111.31
69.8800	.00	1210.23	1210.71	.00	.24	2.001	111.31
69.9200	.00	1209.74	1210.23	.00	.24	2.000	111.31
69.9600	.00	1209.25	1209.74	.00	.24	1.999	111.31
70.0000	.00	1208.77	1209.25	.00	.24	1.998	111.31
70.0400	.00	1208.28	1208.77	.00	.24	1.998	111.31
70.0800	.00	1207.79	1208.28	.00	.24	1.997	111.31
70.1200	.00	1207.30	1207.79	.00	.24	1.996	111.31
70.1600	.00	1206.82	1207.30	.00	.24	1.995	111.31
70.2000	.00	1206.33	1206.82	.00	.24	1.994	111.30
70.2400	.00	1205.85	1206.33	.00	.24	1.994	111.30
70.2800	.00	1205.36	1205.85	.00	.24	1.993	111.30
70.3200	.00	1204.87	1205.36	.00	.24	1.992	111.30
70.3600	.00	1204.39	1204.87	.00	.24	1.991	111.30
70.4000	.00	1203.90	1204.39	.00	.24	1.990	111.30
70.4400	.00	1203.41	1203.90	.00	.24	1.990	111.30
70.4800	.00	1202.93	1203.41	.00	.24	1.989	111.30
70.5200	.00	1202.44	1202.93	.00	.24	1.988	111.30
70.5600	.00	1201.96	1202.44	.00	.24	1.987	111.30
70.6000	.00	1201.47	1201.96	.00	.24	1.986	111.30
70.6400	.00	1200.99	1201.47	.00	.24	1.985	111.30
70.6800	.00	1200.50	1200.99	.00	.24	1.985	111.29
70.7200	.00	1200.01	1200.50	.00	.24	1.984	111.29
70.7600	.00	1199.53	1200.01	.00	.24	1.983	111.29
70.8000	.00	1199.04	1199.53	.00	.24	1.982	111.29
70.8400	.00	1198.56	1199.04	.00	.24	1.981	111.29
70.8800	.00	1198.07	1198.56	.00	.24	1.981	111.29
70.9200	.00	1197.59	1198.07	.00	.24	1.980	111.29
70.9600	.00	1197.10	1197.59	.00	.24	1.979	111.29
71.0000	.00	1196.62	1197.10	.00	.24	1.978	111.29
71.0400	.00	1196.13	1196.62	.00	.24	1.977	111.29
71.0800	.00	1195.65	1196.13	.00	.24	1.977	111.29
71.1200	.00	1195.17	1195.65	.00	.24	1.976	111.29
71.1600	.00	1194.68	1195.17	.00	.24	1.975	111.28
71.2000	.00	1194.20	1194.68	.00	.24	1.974	111.28
71.2400	.00	1193.71	1194.20	.00	.24	1.973	111.28
71.2800	.00	1193.23	1193.71	.00	.24	1.973	111.28
71.3200	.00	1192.74	1193.23	.00	.24	1.972	111.28
71.3600	.00	1192.26	1192.74	.00	.24	1.971	111.28

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
71.4000	.00	1191.78	1192.26	.00	.24	1.970	111.28
71.4400	.00	1191.29	1191.78	.00	.24	1.969	111.28
71.4800	.00	1190.81	1191.29	.00	.24	1.969	111.28
71.5200	.00	1190.33	1190.81	.00	.24	1.968	111.28
71.5600	.00	1189.84	1190.33	.00	.24	1.967	111.28
71.6000	.00	1189.36	1189.84	.00	.24	1.966	111.28
71.6400	.00	1188.88	1189.36	.00	.24	1.965	111.28
71.6800	.00	1188.39	1188.88	.00	.24	1.965	111.27
71.7200	.00	1187.91	1188.39	.00	.24	1.964	111.27
71.7600	.00	1187.43	1187.91	.00	.24	1.963	111.27
71.8000	.00	1186.94	1187.43	.00	.24	1.962	111.27
71.8400	.00	1186.46	1186.94	.00	.24	1.961	111.27
71.8800	.00	1185.98	1186.46	.00	.24	1.961	111.27
71.9200	.00	1185.50	1185.98	.00	.24	1.960	111.27
71.9600	.00	1185.01	1185.50	.00	.24	1.959	111.27
72.0000	.00	1184.53	1185.01	.00	.24	1.958	111.27
72.0400	.00	1184.05	1184.53	.00	.24	1.957	111.27
72.0800	.00	1183.57	1184.05	.00	.24	1.957	111.27
72.1200	.00	1183.08	1183.57	.00	.24	1.956	111.27
72.1600	.00	1182.60	1183.08	.00	.24	1.955	111.26
72.2000	.00	1182.12	1182.60	.00	.24	1.954	111.26
72.2400	.00	1181.64	1182.12	.00	.24	1.953	111.26
72.2800	.00	1181.16	1181.64	.00	.24	1.953	111.26
72.3200	.00	1180.67	1181.16	.00	.24	1.952	111.26
72.3600	.00	1180.19	1180.67	.00	.24	1.951	111.26
72.4000	.00	1179.71	1180.19	.00	.24	1.950	111.26
72.4400	.00	1179.23	1179.71	.00	.24	1.949	111.26
72.4800	.00	1178.75	1179.23	.00	.24	1.949	111.26
72.5200	.00	1178.27	1178.75	.00	.24	1.948	111.26
72.5600	.00	1177.78	1178.27	.00	.24	1.947	111.26
72.6000	.00	1177.30	1177.78	.00	.24	1.946	111.26
72.6400	.00	1176.82	1177.30	.00	.24	1.945	111.25
72.6800	.00	1176.34	1176.82	.00	.24	1.945	111.25
72.7200	.00	1175.86	1176.34	.00	.24	1.944	111.25
72.7600	.00	1175.38	1175.86	.00	.24	1.943	111.25
72.8000	.00	1174.90	1175.38	.00	.24	1.942	111.25
72.8400	.00	1174.42	1174.90	.00	.24	1.941	111.25
72.8800	.00	1173.94	1174.42	.00	.24	1.941	111.25
72.9200	.00	1173.46	1173.94	.00	.24	1.940	111.25
72.9600	.00	1172.98	1173.46	.00	.24	1.939	111.25
73.0000	.00	1172.50	1172.98	.00	.24	1.938	111.25
73.0400	.00	1172.02	1172.50	.00	.24	1.938	111.25

LEVEL POOL ROUTING CALCULATIONS

HYG Dir               = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
73.0800	.00	1171.54	1172.02	.00	.24	1.937	111.25
73.1200	.00	1171.06	1171.54	.00	.24	1.936	111.25
73.1600	.00	1170.58	1171.06	.00	.24	1.935	111.24
73.2000	.00	1170.10	1170.58	.00	.24	1.934	111.24
73.2400	.00	1169.62	1170.10	.00	.24	1.934	111.24
73.2800	.00	1169.14	1169.62	.00	.24	1.933	111.24
73.3200	.00	1168.66	1169.14	.00	.24	1.932	111.24
73.3600	.00	1168.18	1168.66	.00	.24	1.931	111.24
73.4000	.00	1167.70	1168.18	.00	.24	1.930	111.24
73.4400	.00	1167.22	1167.70	.00	.24	1.930	111.24
73.4800	.00	1166.74	1167.22	.00	.24	1.929	111.24
73.5200	.00	1166.26	1166.74	.00	.24	1.928	111.24
73.5600	.00	1165.78	1166.26	.00	.24	1.927	111.24
73.6000	.00	1165.30	1165.78	.00	.24	1.926	111.24
73.6400	.00	1164.83	1165.30	.00	.24	1.926	111.23
73.6800	.00	1164.35	1164.83	.00	.24	1.925	111.23
73.7200	.00	1163.87	1164.35	.00	.24	1.924	111.23
73.7600	.00	1163.39	1163.87	.00	.24	1.923	111.23
73.8000	.00	1162.91	1163.39	.00	.24	1.922	111.23
73.8400	.00	1162.43	1162.91	.00	.24	1.922	111.23
73.8800	.00	1161.95	1162.43	.00	.24	1.921	111.23
73.9200	.00	1161.48	1161.95	.00	.24	1.920	111.23
73.9600	.00	1161.00	1161.48	.00	.24	1.919	111.23
74.0000	.00	1160.52	1161.00	.00	.24	1.919	111.23
74.0400	.00	1160.04	1160.52	.00	.24	1.918	111.23
74.0800	.00	1159.57	1160.04	.00	.24	1.917	111.23
74.1200	.00	1159.09	1159.57	.00	.24	1.916	111.23
74.1600	.00	1158.61	1159.09	.00	.24	1.915	111.22
74.2000	.00	1158.13	1158.61	.00	.24	1.915	111.22
74.2400	.00	1157.65	1158.13	.00	.24	1.914	111.22
74.2800	.00	1157.18	1157.65	.00	.24	1.913	111.22
74.3200	.00	1156.70	1157.18	.00	.24	1.912	111.22
74.3600	.00	1156.22	1156.70	.00	.24	1.911	111.22
74.4000	.00	1155.75	1156.22	.00	.24	1.911	111.22
74.4400	.00	1155.27	1155.75	.00	.24	1.910	111.22
74.4800	.00	1154.79	1155.27	.00	.24	1.909	111.22
74.5200	.00	1154.32	1154.79	.00	.24	1.908	111.22
74.5600	.00	1153.84	1154.32	.00	.24	1.908	111.22
74.6000	.00	1153.36	1153.84	.00	.24	1.907	111.22
74.6400	.00	1152.89	1153.36	.00	.24	1.906	111.21
74.6800	.00	1152.41	1152.89	.00	.24	1.905	111.21
74.7200	.00	1151.93	1152.41	.00	.24	1.904	111.21



LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
74.7600	.00	1151.46	1151.93	.00	.24	1.904	111.21
74.8000	.00	1150.98	1151.46	.00	.24	1.903	111.21
74.8400	.00	1150.50	1150.98	.00	.24	1.902	111.21
74.8800	.00	1150.03	1150.50	.00	.24	1.901	111.21
74.9200	.00	1149.55	1150.03	.00	.24	1.900	111.21
74.9600	.00	1149.08	1149.55	.00	.24	1.900	111.21
75.0000	.00	1148.60	1149.08	.00	.24	1.899	111.21
75.0400	.00	1148.12	1148.60	.00	.24	1.898	111.21
75.0800	.00	1147.65	1148.12	.00	.24	1.897	111.21
75.1200	.00	1147.17	1147.65	.00	.24	1.897	111.21
75.1600	.00	1146.70	1147.17	.00	.24	1.896	111.20
75.2000	.00	1146.22	1146.70	.00	.24	1.895	111.20
75.2400	.00	1145.75	1146.22	.00	.24	1.894	111.20
75.2800	.00	1145.27	1145.75	.00	.24	1.893	111.20
75.3200	.00	1144.80	1145.27	.00	.24	1.893	111.20
75.3600	.00	1144.32	1144.80	.00	.24	1.892	111.20
75.4000	.00	1143.85	1144.32	.00	.24	1.891	111.20
75.4400	.00	1143.37	1143.85	.00	.24	1.890	111.20
75.4800	.00	1142.90	1143.37	.00	.24	1.889	111.20
75.5200	.00	1142.42	1142.90	.00	.24	1.889	111.20
75.5600	.00	1141.95	1142.42	.00	.24	1.888	111.20
75.6000	.00	1141.48	1141.95	.00	.24	1.887	111.20
75.6400	.00	1141.00	1141.48	.00	.24	1.886	111.19
75.6800	.00	1140.53	1141.00	.00	.24	1.886	111.19
75.7200	.00	1140.05	1140.53	.00	.24	1.885	111.19
75.7600	.00	1139.58	1140.05	.00	.24	1.884	111.19
75.8000	.00	1139.10	1139.58	.00	.24	1.883	111.19
75.8400	.00	1138.63	1139.10	.00	.24	1.882	111.19
75.8800	.00	1138.16	1138.63	.00	.24	1.882	111.19
75.9200	.00	1137.68	1138.16	.00	.24	1.881	111.19
75.9600	.00	1137.21	1137.68	.00	.24	1.880	111.19
76.0000	.00	1136.74	1137.21	.00	.24	1.879	111.19
76.0400	.00	1136.26	1136.74	.00	.24	1.878	111.19
76.0800	.00	1135.79	1136.26	.00	.24	1.878	111.19
76.1200	.00	1135.32	1135.79	.00	.24	1.877	111.19
76.1600	.00	1134.84	1135.32	.00	.24	1.876	111.18
76.2000	.00	1134.37	1134.84	.00	.24	1.875	111.18
76.2400	.00	1133.90	1134.37	.00	.24	1.875	111.18
76.2800	.00	1133.42	1133.90	.00	.24	1.874	111.18
76.3200	.00	1132.95	1133.42	.00	.24	1.873	111.18
76.3600	.00	1132.48	1132.95	.00	.24	1.872	111.18
76.4000	.00	1132.01	1132.48	.00	.24	1.871	111.18

LEVEL POOL ROUTING CALCULATIONS

HYG Dir           = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
76.4400	.00	1131.53	1132.01	.00	.24	1.871	111.18
76.4800	.00	1131.06	1131.53	.00	.24	1.870	111.18
76.5200	.00	1130.59	1131.06	.00	.24	1.869	111.18
76.5600	.00	1130.12	1130.59	.00	.24	1.868	111.18
76.6000	.00	1129.65	1130.12	.00	.24	1.868	111.18
76.6400	.00	1129.17	1129.65	.00	.24	1.867	111.17
76.6800	.00	1128.70	1129.17	.00	.24	1.866	111.17
76.7200	.00	1128.23	1128.70	.00	.24	1.865	111.17
76.7600	.00	1127.76	1128.23	.00	.24	1.864	111.17
76.8000	.00	1127.29	1127.76	.00	.24	1.864	111.17
76.8400	.00	1126.81	1127.29	.00	.24	1.863	111.17
76.8800	.00	1126.34	1126.81	.00	.24	1.862	111.17
76.9200	.00	1125.87	1126.34	.00	.24	1.861	111.17
76.9600	.00	1125.40	1125.87	.00	.24	1.860	111.17
77.0000	.00	1124.93	1125.40	.00	.24	1.860	111.17
77.0400	.00	1124.46	1124.93	.00	.24	1.859	111.17
77.0800	.00	1123.99	1124.46	.00	.24	1.858	111.17
77.1200	.00	1123.52	1123.99	.00	.24	1.857	111.17
77.1600	.00	1123.05	1123.52	.00	.24	1.857	111.16
77.2000	.00	1122.57	1123.05	.00	.24	1.856	111.16
77.2400	.00	1122.10	1122.57	.00	.24	1.855	111.16
77.2800	.00	1121.63	1122.10	.00	.24	1.854	111.16
77.3200	.00	1121.16	1121.63	.00	.24	1.853	111.16
77.3600	.00	1120.69	1121.16	.00	.24	1.853	111.16
77.4000	.00	1120.22	1120.69	.00	.24	1.852	111.16
77.4400	.00	1119.75	1120.22	.00	.24	1.851	111.16
77.4800	.00	1119.28	1119.75	.00	.24	1.850	111.16
77.5200	.00	1118.81	1119.28	.00	.23	1.850	111.16
77.5600	.00	1118.34	1118.81	.00	.23	1.849	111.16
77.6000	.00	1117.87	1118.34	.00	.23	1.848	111.16
77.6400	.00	1117.40	1117.87	.00	.23	1.847	111.15
77.6800	.00	1116.93	1117.40	.00	.23	1.846	111.15
77.7200	.00	1116.46	1116.93	.00	.23	1.846	111.15
77.7600	.00	1115.99	1116.46	.00	.23	1.845	111.15
77.8000	.00	1115.53	1115.99	.00	.23	1.844	111.15
77.8400	.00	1115.06	1115.53	.00	.23	1.843	111.15
77.8800	.00	1114.59	1115.06	.00	.23	1.843	111.15
77.9200	.00	1114.12	1114.59	.00	.23	1.842	111.15
77.9600	.00	1113.65	1114.12	.00	.23	1.841	111.15
78.0000	.00	1113.18	1113.65	.00	.23	1.840	111.15
78.0400	.00	1112.71	1113.18	.00	.23	1.839	111.15
78.0800	.00	1112.24	1112.71	.00	.23	1.839	111.15

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
78.1200	.00	1111.77	1112.24	.00	.23	1.838	111.15
78.1600	.00	1111.30	1111.77	.00	.23	1.837	111.14
78.2000	.00	1110.84	1111.30	.00	.23	1.836	111.14
78.2400	.00	1110.37	1110.84	.00	.23	1.836	111.14
78.2800	.00	1109.90	1110.37	.00	.23	1.835	111.14
78.3200	.00	1109.43	1109.90	.00	.23	1.834	111.14
78.3600	.00	1108.96	1109.43	.00	.23	1.833	111.14
78.4000	.00	1108.50	1108.96	.00	.23	1.833	111.14
78.4400	.00	1108.03	1108.50	.00	.23	1.832	111.14
78.4800	.00	1107.56	1108.03	.00	.23	1.831	111.14
78.5200	.00	1107.09	1107.56	.00	.23	1.830	111.14
78.5600	.00	1106.62	1107.09	.00	.23	1.829	111.14
78.6000	.00	1106.16	1106.62	.00	.23	1.829	111.14
78.6400	.00	1105.69	1106.16	.00	.23	1.828	111.14
78.6800	.00	1105.22	1105.69	.00	.23	1.827	111.13
78.7200	.00	1104.75	1105.22	.00	.23	1.826	111.13
78.7600	.00	1104.29	1104.75	.00	.23	1.826	111.13
78.8000	.00	1103.82	1104.29	.00	.23	1.825	111.13
78.8400	.00	1103.35	1103.82	.00	.23	1.824	111.13
78.8800	.00	1102.89	1103.35	.00	.23	1.823	111.13
78.9200	.00	1102.42	1102.89	.00	.23	1.822	111.13
78.9600	.00	1101.95	1102.42	.00	.23	1.822	111.13
79.0000	.00	1101.49	1101.95	.00	.23	1.821	111.13
79.0400	.00	1101.02	1101.49	.00	.23	1.820	111.13
79.0800	.00	1100.55	1101.02	.00	.23	1.819	111.13
79.1200	.00	1100.09	1100.55	.00	.23	1.819	111.13
79.1600	.00	1099.62	1100.09	.00	.23	1.818	111.12
79.2000	.00	1099.15	1099.62	.00	.23	1.817	111.12
79.2400	.00	1098.69	1099.15	.00	.23	1.816	111.12
79.2800	.00	1098.22	1098.69	.00	.23	1.816	111.12
79.3200	.00	1097.76	1098.22	.00	.23	1.815	111.12
79.3600	.00	1097.29	1097.76	.00	.23	1.814	111.12
79.4000	.00	1096.82	1097.29	.00	.23	1.813	111.12
79.4400	.00	1096.36	1096.82	.00	.23	1.812	111.12
79.4800	.00	1095.89	1096.36	.00	.23	1.812	111.12
79.5200	.00	1095.43	1095.89	.00	.23	1.811	111.12
79.5600	.00	1094.96	1095.43	.00	.23	1.810	111.12
79.6000	.00	1094.50	1094.96	.00	.23	1.809	111.12
79.6400	.00	1094.03	1094.50	.00	.23	1.809	111.12
79.6800	.00	1093.57	1094.03	.00	.23	1.808	111.11
79.7200	.00	1093.10	1093.57	.00	.23	1.807	111.11
79.7600	.00	1092.64	1093.10	.00	.23	1.806	111.11

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 10YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 10YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
79.8000	.00	1092.17	1092.64	.00	.23	1.806	111.11
79.8400	.00	1091.71	1092.17	.00	.23	1.805	111.11
79.8800	.00	1091.24	1091.71	.00	.23	1.804	111.11
79.9200	.00	1090.78	1091.24	.00	.23	1.803	111.11
79.9600	.00	1090.31	1090.78	.00	.23	1.803	111.11
80.0000	.00	1089.85	1090.31	.00	.23	1.802	111.11
80.0400	.00	1089.39	1089.85	.00	.23	1.801	111.11
80.0800	.00	1088.92	1089.39	.00	.23	1.800	111.11
80.1200	.00	1088.46	1088.92	.00	.23	1.799	111.11
80.1600	.00	1087.99	1088.46	.00	.23	1.799	111.11
80.2000	.00	1087.53	1087.99	.00	.23	1.798	111.10
80.2400	.00	1087.07	1087.53	.00	.23	1.797	111.10
80.2800	.00	1086.60	1087.07	.00	.23	1.796	111.10
80.3200	.00	1086.14	1086.60	.00	.23	1.796	111.10
80.3600	.00	1085.67	1086.14	.00	.23	1.795	111.10
80.4000	.00	1085.21	1085.67	.00	.23	1.794	111.10
80.4400	.00	1084.75	1085.21	.00	.23	1.793	111.10
80.4800	.00	1084.28	1084.75	.00	.23	1.793	111.10
80.5200	.00	1083.82	1084.28	.00	.23	1.792	111.10
80.5600	.00	1083.36	1083.82	.00	.23	1.791	111.10
80.6000	.00	1082.89	1083.36	.00	.23	1.790	111.10
80.6400	.00	1082.43	1082.89	.00	.23	1.790	111.10
80.6800	.00	1081.97	1082.43	.00	.23	1.789	111.10
80.7200	.00	1081.51	1081.97	.00	.23	1.788	111.09
80.7600	.00	1081.04	1081.51	.00	.23	1.787	111.09
80.8000	.00	1080.58	1081.04	.00	.23	1.786	111.09
80.8400	.00	1080.12	1080.58	.00	.23	1.786	111.09

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
.6800	.00	.00	.00	.00	.00	.000	109.00
.7200	.00	.00	.00	.00	.00	.000	109.00
.7600	.01	.02	.02	.00	.00	.000	109.00
.8000	.02	.05	.05	.00	.00	.000	109.00
.8400	.03	.10	.10	.00	.00	.000	109.00
.8800	.05	.18	.18	.00	.00	.000	109.00
.9200	.06	.29	.29	.00	.00	.000	109.00
.9600	.07	.42	.42	.00	.00	.001	109.00
1.0000	.08	.58	.58	.00	.00	.001	109.00
1.0400	.10	.76	.76	.00	.00	.001	109.00
1.0800	.11	.96	.96	.00	.00	.002	109.00
1.1200	.12	1.20	1.20	.00	.00	.002	109.00
1.1600	.13	1.45	1.45	.00	.00	.002	109.00
1.2000	.14	1.72	1.72	.00	.00	.003	109.00
1.2400	.15	2.02	2.02	.00	.00	.003	109.00
1.2800	.16	2.34	2.34	.00	.00	.004	109.01
1.3200	.17	2.68	2.68	.00	.00	.004	109.01
1.3600	.18	3.04	3.04	.00	.00	.005	109.01
1.4000	.19	3.41	3.41	.00	.00	.006	109.01
1.4400	.20	3.81	3.81	.00	.00	.006	109.01
1.4800	.21	4.22	4.22	.00	.00	.007	109.01
1.5200	.22	4.65	4.65	.00	.00	.008	109.01
1.5600	.23	5.10	5.10	.00	.00	.008	109.01
1.6000	.24	5.56	5.56	.00	.00	.009	109.01
1.6400	.24	6.04	6.04	.00	.00	.010	109.01
1.6800	.25	6.53	6.53	.00	.00	.011	109.01
1.7200	.26	7.04	7.04	.00	.00	.012	109.02
1.7600	.26	7.56	7.56	.00	.00	.012	109.02
1.8000	.27	8.10	8.10	.00	.00	.013	109.02
1.8400	.28	8.65	8.65	.00	.00	.014	109.02
1.8800	.28	9.21	9.21	.00	.00	.015	109.02
1.9200	.29	9.78	9.78	.00	.00	.016	109.02
1.9600	.30	10.37	10.37	.00	.00	.017	109.02
2.0000	.30	10.97	10.97	.00	.00	.018	109.02
2.0400	.31	11.59	11.59	.00	.00	.019	109.03
2.0800	.32	12.21	12.21	.00	.00	.020	109.03
2.1200	.32	12.85	12.85	.00	.00	.021	109.03
2.1600	.33	13.50	13.50	.00	.00	.022	109.03
2.2000	.33	14.16	14.16	.00	.00	.023	109.03
2.2400	.34	14.84	14.84	.00	.00	.024	109.03
2.2800	.35	15.53	15.53	.00	.00	.026	109.04
2.3200	.36	16.23	16.23	.00	.00	.027	109.04

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
2.3600	.36	16.95	16.95	.00	.00	.028	109.04
2.4000	.37	17.68	17.68	.00	.00	.029	109.04
2.4400	.38	18.43	18.43	.00	.00	.030	109.04
2.4800	.38	19.19	19.19	.00	.00	.032	109.04
2.5200	.39	19.96	19.96	.00	.00	.033	109.04
2.5600	.40	20.75	20.75	.00	.00	.034	109.05
2.6000	.40	21.55	21.55	.00	.00	.036	109.05
2.6400	.41	22.37	22.37	.00	.00	.037	109.05
2.6800	.42	23.20	23.20	.00	.00	.038	109.05
2.7200	.42	24.04	24.04	.00	.00	.040	109.05
2.7600	.43	24.89	24.89	.00	.00	.041	109.06
2.8000	.44	25.76	25.76	.00	.00	.043	109.06
2.8400	.44	26.64	26.64	.00	.00	.044	109.06
2.8800	.45	27.54	27.54	.00	.00	.045	109.06
2.9200	.46	28.45	28.45	.00	.00	.047	109.06
2.9600	.46	29.37	29.37	.00	.00	.048	109.07
3.0000	.47	30.30	30.30	.00	.00	.050	109.07
3.0400	.48	31.25	31.25	.00	.00	.052	109.07
3.0800	.48	32.21	32.21	.00	.00	.053	109.07
3.1200	.49	33.18	33.18	.00	.00	.055	109.07
3.1600	.50	34.16	34.16	.00	.00	.056	109.08
3.2000	.50	35.16	35.16	.00	.00	.058	109.08
3.2400	.51	36.17	36.17	.00	.00	.060	109.08
3.2800	.51	37.19	37.19	.00	.00	.061	109.08
3.3200	.52	38.23	38.23	.00	.00	.063	109.09
3.3600	.53	39.27	39.27	.00	.00	.065	109.09
3.4000	.53	40.33	40.33	.00	.00	.067	109.09
3.4400	.54	41.40	41.40	.00	.00	.068	109.09
3.4800	.54	42.49	42.49	.00	.00	.070	109.10
3.5200	.55	43.58	43.58	.00	.00	.072	109.10
3.5600	.56	44.69	44.69	.00	.00	.074	109.10
3.6000	.56	45.81	45.81	.00	.00	.076	109.10
3.6400	.57	46.93	46.94	.00	.00	.078	109.11
3.6800	.57	48.07	48.08	.00	.00	.079	109.11
3.7200	.58	49.21	49.22	.00	.00	.081	109.11
3.7600	.59	50.37	50.38	.00	.01	.083	109.11
3.8000	.59	51.53	51.55	.00	.01	.085	109.12
3.8400	.60	52.71	52.72	.00	.01	.087	109.12
3.8800	.60	53.89	53.91	.00	.01	.089	109.12
3.9200	.61	55.08	55.10	.00	.01	.091	109.12
3.9600	.62	56.29	56.31	.00	.01	.093	109.13
4.0000	.62	57.50	57.52	.00	.01	.095	109.13

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
4.0400	.63	58.72	58.74	.00	.01	.097	109.13
4.0800	.63	59.94	59.97	.00	.01	.099	109.13
4.1200	.64	61.18	61.21	.00	.02	.101	109.14
4.1600	.64	62.43	62.46	.00	.02	.103	109.14
4.2000	.65	63.68	63.72	.00	.02	.105	109.14
4.2400	.65	64.95	64.99	.00	.02	.107	109.15
4.2800	.66	66.22	66.26	.00	.02	.109	109.15
4.3200	.67	67.50	67.55	.00	.02	.112	109.15
4.3600	.67	68.79	68.84	.00	.02	.114	109.15
4.4000	.68	70.09	70.14	.00	.02	.116	109.16
4.4400	.68	71.40	71.45	.00	.03	.118	109.16
4.4800	.69	72.71	72.76	.00	.03	.120	109.16
4.5200	.69	74.03	74.09	.00	.03	.122	109.17
4.5600	.70	75.37	75.42	.00	.03	.125	109.17
4.6000	.70	76.71	76.77	.00	.03	.127	109.17
4.6400	.71	78.05	78.12	.00	.03	.129	109.18
4.6800	.71	79.41	79.48	.00	.03	.131	109.18
4.7200	.72	80.77	80.84	.00	.03	.134	109.18
4.7600	.72	82.15	82.22	.00	.04	.136	109.18
4.8000	.73	83.53	83.60	.00	.04	.138	109.19
4.8400	.73	84.91	84.99	.00	.04	.140	109.19
4.8800	.74	86.31	86.39	.00	.04	.143	109.19
4.9200	.75	87.71	87.79	.00	.04	.145	109.20
4.9600	.75	89.12	89.21	.00	.04	.147	109.20
5.0000	.76	90.54	90.63	.00	.04	.150	109.20
5.0400	.76	91.97	92.06	.00	.04	.152	109.21
5.0800	.77	93.40	93.49	.00	.05	.154	109.21
5.1200	.77	94.85	94.94	.00	.05	.157	109.21
5.1600	.78	96.30	96.40	.00	.05	.159	109.22
5.2000	.78	97.76	97.86	.00	.05	.162	109.22
5.2400	.79	99.23	99.33	.00	.05	.164	109.22
5.2800	.79	100.71	100.81	.00	.05	.166	109.23
5.3200	.80	102.19	102.29	.00	.05	.169	109.23
5.3600	.80	103.69	103.79	.00	.05	.171	109.23
5.4000	.81	105.19	105.29	.00	.05	.174	109.24
5.4400	.81	106.70	106.80	.00	.05	.176	109.24
5.4800	.82	108.21	108.32	.00	.05	.179	109.24
5.5200	.82	109.74	109.85	.00	.06	.181	109.25
5.5600	.83	111.27	111.38	.00	.06	.184	109.25
5.6000	.83	112.81	112.93	.00	.06	.186	109.25
5.6400	.84	114.36	114.47	.00	.06	.189	109.26
5.6800	.84	115.91	116.03	.00	.06	.192	109.26

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
5.7200	.85	117.47	117.60	.00	.06	.194	109.26
5.7600	.85	119.05	119.17	.00	.06	.197	109.27
5.8000	.85	120.62	120.75	.00	.06	.199	109.27
5.8400	.86	122.21	122.34	.00	.06	.202	109.27
5.8800	.86	123.80	123.93	.00	.07	.205	109.28
5.9200	.87	125.40	125.54	.00	.07	.207	109.28
5.9600	.87	127.01	127.15	.00	.07	.210	109.28
6.0000	.88	128.63	128.77	.00	.07	.213	109.29
6.0400	.88	130.25	130.39	.00	.07	.215	109.29
6.0800	.89	131.88	132.03	.00	.07	.218	109.29
6.1200	.90	133.53	133.67	.00	.07	.221	109.30
6.1600	.91	135.19	135.34	.00	.07	.224	109.30
6.2000	.92	136.87	137.02	.00	.07	.226	109.31
6.2400	.93	138.57	138.72	.00	.07	.229	109.31
6.2800	.94	140.29	140.44	.00	.07	.232	109.31
6.3200	.95	142.04	142.19	.00	.08	.235	109.32
6.3600	.97	143.81	143.96	.00	.08	.238	109.32
6.4000	.98	145.60	145.76	.00	.08	.241	109.32
6.4400	.99	147.42	147.57	.00	.08	.244	109.33
6.4800	1.00	149.26	149.41	.00	.08	.247	109.33
6.5200	1.02	151.12	151.28	.00	.08	.250	109.34
6.5600	1.03	153.01	153.17	.00	.08	.253	109.34
6.6000	1.04	154.93	155.09	.00	.08	.256	109.34
6.6400	1.05	156.86	157.02	.00	.08	.259	109.35
6.6800	1.07	158.82	158.99	.00	.08	.263	109.35
6.7200	1.08	160.81	160.97	.00	.08	.266	109.36
6.7600	1.09	162.82	162.98	.00	.08	.269	109.36
6.8000	1.11	164.85	165.02	.00	.08	.273	109.37
6.8400	1.12	166.91	167.08	.00	.08	.276	109.37
6.8800	1.13	168.99	169.16	.00	.09	.279	109.38
6.9200	1.15	171.10	171.27	.00	.09	.283	109.38
6.9600	1.16	173.23	173.40	.00	.09	.286	109.39
7.0000	1.17	175.39	175.56	.00	.09	.290	109.39
7.0400	1.18	177.57	177.74	.00	.09	.294	109.39
7.0800	1.20	179.77	179.95	.00	.09	.297	109.40
7.1200	1.21	182.00	182.18	.00	.09	.301	109.40
7.1600	1.22	184.25	184.43	.00	.09	.305	109.41
7.2000	1.24	186.53	186.71	.00	.09	.308	109.41
7.2400	1.25	188.83	189.02	.00	.09	.312	109.42
7.2800	1.26	191.16	191.34	.00	.09	.316	109.42
7.3200	1.28	193.51	193.70	.00	.09	.320	109.43
7.3600	1.29	195.89	196.07	.00	.09	.324	109.43



LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
7.4000	1.30	198.29	198.48	.00	.09	.328	109.44
7.4400	1.31	200.71	200.90	.00	.10	.332	109.44
7.4800	1.33	203.16	203.35	.00	.10	.336	109.45
7.5200	1.34	205.63	205.83	.00	.10	.340	109.46
7.5600	1.35	208.13	208.33	.00	.10	.344	109.46
7.6000	1.37	210.66	210.86	.00	.10	.348	109.47
7.6400	1.38	213.21	213.40	.00	.10	.352	109.47
7.6800	1.39	215.78	215.98	.00	.10	.357	109.48
7.7200	1.41	218.37	218.58	.00	.10	.361	109.48
7.7600	1.42	221.00	221.20	.00	.10	.365	109.49
7.8000	1.43	223.64	223.85	.00	.10	.370	109.49
7.8400	1.44	226.31	226.52	.00	.10	.374	109.50
7.8800	1.46	229.01	229.22	.00	.10	.379	109.51
7.9200	1.47	231.73	231.94	.00	.10	.383	109.51
7.9600	1.49	234.47	234.68	.00	.11	.388	109.52
8.0000	1.50	237.24	237.46	.00	.11	.392	109.52
8.0400	1.51	240.04	240.25	.00	.11	.397	109.53
8.0800	1.53	242.86	243.08	.00	.11	.402	109.54
8.1200	1.55	245.72	245.94	.00	.11	.406	109.54
8.1600	1.57	248.62	248.83	.00	.11	.411	109.55
8.2000	1.59	251.56	251.78	.00	.11	.416	109.55
8.2400	1.62	254.55	254.77	.00	.11	.421	109.56
8.2800	1.65	257.59	257.82	.00	.11	.426	109.57
8.3200	1.68	260.69	260.92	.00	.11	.431	109.57
8.3600	1.70	263.85	264.07	.00	.11	.436	109.58
8.4000	1.73	267.05	267.28	.00	.11	.442	109.59
8.4400	1.76	270.32	270.55	.00	.11	.447	109.60
8.4800	1.79	273.64	273.87	.00	.12	.452	109.60
8.5200	1.82	277.01	277.24	.00	.12	.458	109.61
8.5600	1.85	280.44	280.68	.00	.12	.464	109.62
8.6000	1.88	283.93	284.17	.00	.12	.469	109.62
8.6400	1.90	287.47	287.71	.00	.12	.475	109.63
8.6800	1.93	291.07	291.31	.00	.12	.481	109.64
8.7200	1.96	294.73	294.97	.00	.12	.487	109.65
8.7600	1.99	298.44	298.68	.00	.12	.493	109.66
8.8000	2.02	302.21	302.45	.00	.12	.500	109.66
8.8400	2.05	306.03	306.28	.00	.12	.506	109.67
8.8800	2.08	309.91	310.16	.00	.12	.512	109.68
8.9200	2.11	313.85	314.10	.00	.13	.519	109.69
8.9600	2.14	317.84	318.09	.00	.13	.526	109.70
9.0000	2.17	321.89	322.14	.00	.13	.532	109.71
9.0400	2.19	325.99	326.25	.00	.13	.539	109.71

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN                IN 25YR  
 Outflow HYG file = NONE STORED - BASIN                OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
9.0800	2.22	330.15	330.41	.00	.13	.546	109.72
9.1200	2.25	334.37	334.63	.00	.13	.553	109.73
9.1600	2.28	338.65	338.91	.00	.13	.560	109.74
9.2000	2.31	342.98	343.24	.00	.13	.567	109.75
9.2400	2.34	347.36	347.63	.00	.13	.574	109.76
9.2800	2.37	351.81	352.07	.00	.13	.582	109.77
9.3200	2.40	356.31	356.58	.00	.13	.589	109.78
9.3600	2.43	360.86	361.14	.00	.14	.597	109.79
9.4000	2.46	365.48	365.75	.00	.14	.604	109.80
9.4400	2.49	370.15	370.42	.00	.14	.612	109.81
9.4800	2.52	374.87	375.15	.00	.14	.620	109.82
9.5200	2.55	379.66	379.93	.00	.14	.628	109.83
9.5600	2.57	384.50	384.78	.00	.14	.636	109.84
9.6000	2.60	389.39	389.67	.00	.14	.644	109.85
9.6400	2.63	394.34	394.63	.00	.14	.652	109.86
9.6800	2.66	399.35	399.64	.00	.14	.660	109.87
9.7200	2.69	404.42	404.71	.00	.14	.669	109.88
9.7600	2.72	409.54	409.83	.00	.15	.677	109.89
9.8000	2.75	414.72	415.01	.00	.15	.686	109.90
9.8400	2.78	419.95	420.25	.00	.15	.694	109.91
9.8800	2.81	425.24	425.54	.00	.15	.703	109.92
9.9200	2.84	430.59	430.89	.00	.15	.712	109.93
9.9600	2.87	436.00	436.30	.00	.15	.721	109.94
10.0000	2.90	441.46	441.76	.00	.15	.730	109.96
10.0400	2.93	446.98	447.28	.00	.15	.739	109.97
10.0800	2.96	452.56	452.87	.00	.15	.748	109.98
10.1200	3.01	458.23	458.53	.00	.15	.758	109.99
10.1600	3.05	463.97	464.28	.00	.16	.767	110.00
10.2000	3.10	469.81	470.13	.00	.16	.777	110.01
10.2400	3.16	475.76	476.08	.00	.16	.787	110.02
10.2800	3.22	481.82	482.14	.00	.16	.797	110.04
10.3200	3.28	488.00	488.32	.00	.16	.807	110.05
10.3600	3.34	494.29	494.61	.00	.16	.817	110.06
10.4000	3.40	500.70	501.02	.00	.16	.828	110.07
10.4400	3.45	507.22	507.55	.00	.16	.839	110.08
10.4800	3.52	513.87	514.19	.00	.16	.850	110.09
10.5200	3.58	520.63	520.96	.00	.16	.861	110.11
10.5600	3.64	527.51	527.84	.00	.17	.872	110.12
10.6000	3.70	534.51	534.84	.00	.17	.884	110.13
10.6400	3.75	541.63	541.96	.00	.17	.895	110.14
10.6800	3.82	548.86	549.20	.00	.17	.907	110.16
10.7200	3.88	556.21	556.55	.00	.17	.920	110.17

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
10.7600	3.94	563.69	564.03	.00	.17	.932	110.18
10.8000	4.00	571.28	571.62	.00	.17	.945	110.20
10.8400	4.06	578.99	579.34	.00	.17	.957	110.21
10.8800	4.13	586.84	587.18	.00	.17	.970	110.23
10.9200	4.20	594.82	595.17	.00	.17	.983	110.24
10.9600	4.28	602.95	603.30	.00	.18	.997	110.26
11.0000	4.36	611.23	611.58	.00	.18	1.011	110.27
11.0400	4.44	619.67	620.03	.00	.18	1.024	110.29
11.0800	4.56	628.32	628.68	.00	.18	1.039	110.30
11.1200	4.71	637.23	637.59	.00	.18	1.054	110.32
11.1600	4.89	646.47	646.83	.00	.18	1.069	110.33
11.2000	5.10	656.10	656.46	.00	.18	1.085	110.35
11.2400	5.33	666.16	666.53	.00	.18	1.101	110.37
11.2800	5.59	676.71	677.09	.00	.19	1.119	110.39
11.3200	5.85	687.77	688.15	.00	.19	1.137	110.41
11.3600	6.11	699.36	699.74	.00	.19	1.156	110.43
11.4000	6.38	711.47	711.85	.00	.19	1.176	110.45
11.4400	6.65	724.12	724.51	.00	.19	1.197	110.47
11.4800	6.93	737.32	737.71	.00	.19	1.219	110.50
11.5200	7.27	751.14	751.53	.00	.20	1.242	110.52
11.5600	7.86	765.87	766.27	.00	.20	1.266	110.55
11.6000	8.80	782.14	782.54	.00	.20	1.293	110.58
11.6400	10.05	800.59	800.99	.00	.20	1.324	110.61
11.6800	11.87	822.10	822.51	.00	.20	1.359	110.65
11.7200	14.01	847.57	847.98	.00	.21	1.401	110.69
11.7600	16.37	877.53	877.95	.00	.21	1.451	110.74
11.8000	18.93	912.40	912.83	.00	.21	1.508	110.80
11.8400	21.51	952.40	952.84	.00	.22	1.575	110.87
11.8800	24.34	997.81	998.26	.00	.22	1.650	110.95
11.9200	27.71	1049.40	1049.86	.00	.23	1.735	111.04
11.9600	33.54	1110.18	1110.65	.00	.23	1.835	111.14
12.0000	42.80	1186.04	1186.52	.00	.24	1.961	111.27
12.0400	52.07	1280.41	1280.91	.00	.25	2.117	111.43
12.0800	58.89	1390.84	1391.36	.00	.26	2.299	111.61
12.1200	62.61	1511.79	1512.33	.00	.27	2.499	111.81
12.1600	61.63	1635.47	1636.03	.00	.28	2.704	112.00
12.2000	55.23	1751.75	1752.33	.00	.29	2.896	112.19
12.2400	47.56	1852.73	1854.54	.00	.91	3.064	112.34
12.2800	41.08	1936.59	1941.37	.00	2.39	3.205	112.48
12.3200	36.27	2005.89	2013.95	.00	4.03	3.322	112.58
12.3600	32.32	2063.23	2074.48	.00	5.62	3.420	112.67
12.4000	28.78	2110.22	2124.33	.00	7.06	3.500	112.75

LEVEL POOL ROUTING CALCULATIONS

HYG Dir           = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
12.4400	25.59	2148.06	2164.59	.00	8.27	3.564	112.81
12.4800	22.36	2177.45	2196.02	.00	9.28	3.614	112.85
12.5200	19.30	2199.06	2219.12	.00	10.03	3.651	112.88
12.5600	16.60	2213.86	2234.96	.00	10.55	3.677	112.91
12.6000	14.32	2222.99	2244.78	.00	10.89	3.692	112.92
12.6400	12.55	2227.72	2249.86	.00	11.07	3.700	112.93
12.6800	11.31	2229.32	2251.58	.00	11.13	3.703	112.93
12.7200	10.48	2228.89	2251.11	.00	11.11	3.702	112.93
12.7600	9.88	2227.16	2249.25	.00	11.05	3.699	112.93
12.8000	9.41	2224.55	2246.45	.00	10.95	3.695	112.92
12.8400	9.02	2221.32	2242.99	.00	10.83	3.689	112.92
12.8800	8.65	2217.61	2239.00	.00	10.69	3.683	112.91
12.9200	8.31	2213.50	2234.58	.00	10.54	3.676	112.91
12.9600	7.98	2209.04	2229.79	.00	10.37	3.668	112.90
13.0000	7.65	2204.25	2224.67	.00	10.21	3.660	112.89
13.0400	7.35	2199.19	2219.25	.00	10.03	3.652	112.88
13.0800	7.08	2193.91	2213.62	.00	9.85	3.643	112.88
13.1200	6.85	2188.51	2207.84	.00	9.66	3.633	112.87
13.1600	6.66	2183.07	2202.02	.00	9.48	3.624	112.86
13.2000	6.52	2177.66	2196.24	.00	9.29	3.615	112.85
13.2400	6.41	2172.37	2190.59	.00	9.11	3.606	112.84
13.2800	6.31	2167.23	2185.09	.00	8.93	3.597	112.84
13.3200	6.21	2162.23	2179.75	.00	8.76	3.588	112.83
13.3600	6.13	2157.40	2174.57	.00	8.59	3.580	112.82
13.4000	6.04	2152.71	2169.56	.00	8.43	3.572	112.81
13.4400	5.96	2148.17	2164.71	.00	8.27	3.564	112.81
13.4800	5.88	2143.77	2160.01	.00	8.12	3.557	112.80
13.5200	5.79	2139.47	2155.43	.00	7.98	3.549	112.79
13.5600	5.71	2135.27	2150.97	.00	7.85	3.542	112.79
13.6000	5.63	2131.16	2146.60	.00	7.72	3.535	112.78
13.6400	5.55	2127.15	2142.33	.00	7.59	3.528	112.77
13.6800	5.46	2123.21	2138.15	.00	7.47	3.522	112.77
13.7200	5.38	2119.36	2134.05	.00	7.35	3.515	112.76
13.7600	5.29	2115.57	2130.03	.00	7.23	3.509	112.75
13.8000	5.21	2111.86	2126.08	.00	7.11	3.502	112.75
13.8400	5.13	2108.21	2122.19	.00	6.99	3.496	112.74
13.8800	5.04	2104.61	2118.37	.00	6.88	3.490	112.74
13.9200	4.96	2101.07	2114.61	.00	6.77	3.484	112.73
13.9600	4.87	2097.59	2110.90	.00	6.66	3.478	112.73
14.0000	4.79	2094.15	2107.25	.00	6.55	3.472	112.72
14.0400	4.71	2090.76	2103.64	.00	6.44	3.466	112.72
14.0800	4.63	2087.42	2100.10	.00	6.34	3.461	112.71

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
14.1200	4.56	2084.15	2096.62	.00	6.23	3.455	112.71
14.1600	4.50	2080.95	2093.21	.00	6.13	3.450	112.70
14.2000	4.45	2077.83	2089.91	.00	6.04	3.444	112.70
14.2400	4.41	2074.78	2086.68	.00	5.95	3.439	112.69
14.2800	4.36	2071.81	2083.55	.00	5.87	3.434	112.69
14.3200	4.32	2068.92	2080.49	.00	5.79	3.429	112.68
14.3600	4.28	2066.11	2077.52	.00	5.71	3.424	112.68
14.4000	4.24	2063.37	2074.62	.00	5.63	3.420	112.67
14.4400	4.20	2060.70	2071.80	.00	5.55	3.415	112.67
14.4800	4.16	2058.10	2069.05	.00	5.48	3.411	112.67
14.5200	4.12	2055.56	2066.37	.00	5.41	3.406	112.66
14.5600	4.08	2053.08	2063.75	.00	5.34	3.402	112.66
14.6000	4.04	2050.66	2061.19	.00	5.27	3.398	112.65
14.6400	4.00	2048.29	2058.69	.00	5.20	3.394	112.65
14.6800	3.95	2045.98	2056.24	.00	5.13	3.390	112.65
14.7200	3.91	2043.71	2053.85	.00	5.07	3.386	112.64
14.7600	3.87	2041.48	2051.50	.00	5.01	3.383	112.64
14.8000	3.83	2039.30	2049.19	.00	4.94	3.379	112.64
14.8400	3.79	2037.16	2046.93	.00	4.88	3.375	112.63
14.8800	3.75	2035.06	2044.70	.00	4.82	3.372	112.63
14.9200	3.71	2032.99	2042.52	.00	4.76	3.368	112.63
14.9600	3.67	2030.96	2040.37	.00	4.71	3.365	112.62
15.0000	3.63	2028.95	2038.25	.00	4.65	3.361	112.62
15.0400	3.59	2026.98	2036.17	.00	4.59	3.358	112.62
15.0800	3.54	2025.04	2034.11	.00	4.54	3.355	112.61
15.1200	3.50	2023.12	2032.09	.00	4.48	3.351	112.61
15.1600	3.46	2021.23	2030.08	.00	4.43	3.348	112.61
15.2000	3.42	2019.36	2028.11	.00	4.38	3.345	112.61
15.2400	3.38	2017.51	2026.16	.00	4.32	3.342	112.60
15.2800	3.34	2015.68	2024.23	.00	4.27	3.339	112.60
15.3200	3.30	2013.86	2022.31	.00	4.23	3.336	112.60
15.3600	3.25	2012.04	2020.41	.00	4.18	3.333	112.59
15.4000	3.21	2010.23	2018.51	.00	4.14	3.330	112.59
15.4400	3.17	2008.43	2016.62	.00	4.09	3.326	112.59
15.4800	3.13	2006.63	2014.73	.00	4.05	3.323	112.59
15.5200	3.09	2004.84	2012.85	.00	4.00	3.320	112.58
15.5600	3.04	2003.05	2010.97	.00	3.96	3.317	112.58
15.6000	3.00	2001.26	2009.09	.00	3.92	3.314	112.58
15.6400	2.96	1999.48	2007.23	.00	3.87	3.311	112.57
15.6800	2.92	1997.71	2005.36	.00	3.83	3.308	112.57
15.7200	2.88	1995.93	2003.50	.00	3.78	3.305	112.57
15.7600	2.83	1994.16	2001.64	.00	3.74	3.302	112.57

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
15.8000	2.79	1992.39	1999.79	.00	3.70	3.299	112.56
15.8400	2.75	1990.63	1997.94	.00	3.65	3.296	112.56
15.8800	2.71	1988.87	1996.09	.00	3.61	3.293	112.56
15.9200	2.67	1987.11	1994.24	.00	3.57	3.290	112.55
15.9600	2.62	1985.35	1992.40	.00	3.52	3.287	112.55
16.0000	2.58	1983.60	1990.56	.00	3.48	3.284	112.55
16.0400	2.54	1981.85	1988.72	.00	3.44	3.281	112.55
16.0800	2.51	1980.11	1986.89	.00	3.39	3.278	112.54
16.1200	2.47	1978.38	1985.09	.00	3.35	3.276	112.54
16.1600	2.44	1976.68	1983.30	.00	3.31	3.273	112.54
16.2000	2.42	1975.01	1981.55	.00	3.27	3.270	112.54
16.2400	2.39	1973.37	1979.82	.00	3.23	3.267	112.53
16.2800	2.37	1971.76	1978.14	.00	3.19	3.264	112.53
16.3200	2.36	1970.20	1976.50	.00	3.15	3.262	112.53
16.3600	2.34	1968.67	1974.90	.00	3.11	3.259	112.53
16.4000	2.32	1967.19	1973.33	.00	3.07	3.257	112.52
16.4400	2.30	1965.73	1971.80	.00	3.04	3.254	112.52
16.4800	2.28	1964.30	1970.31	.00	3.00	3.252	112.52
16.5200	2.27	1962.91	1968.85	.00	2.97	3.249	112.52
16.5600	2.25	1961.56	1967.43	.00	2.93	3.247	112.51
16.6000	2.23	1960.23	1966.03	.00	2.90	3.245	112.51
16.6400	2.21	1958.92	1964.66	.00	2.87	3.243	112.51
16.6800	2.19	1957.64	1963.32	.00	2.84	3.240	112.51
16.7200	2.17	1956.39	1962.01	.00	2.81	3.238	112.51
16.7600	2.16	1955.17	1960.72	.00	2.78	3.236	112.50
16.8000	2.14	1953.96	1959.46	.00	2.75	3.234	112.50
16.8400	2.12	1952.78	1958.22	.00	2.72	3.232	112.50
16.8800	2.10	1951.61	1956.99	.00	2.69	3.230	112.50
16.9200	2.08	1950.46	1955.79	.00	2.67	3.228	112.50
16.9600	2.06	1949.31	1954.60	.00	2.65	3.226	112.50
17.0000	2.04	1948.17	1953.42	.00	2.62	3.224	112.49
17.0400	2.02	1947.04	1952.24	.00	2.60	3.223	112.49
17.0800	2.01	1945.92	1951.07	.00	2.58	3.221	112.49
17.1200	1.99	1944.81	1949.92	.00	2.55	3.219	112.49
17.1600	1.97	1943.71	1948.77	.00	2.53	3.217	112.49
17.2000	1.95	1942.61	1947.63	.00	2.51	3.215	112.49
17.2400	1.93	1941.52	1946.49	.00	2.49	3.213	112.48
17.2800	1.91	1940.43	1945.36	.00	2.47	3.211	112.48
17.3200	1.90	1939.36	1944.24	.00	2.44	3.210	112.48
17.3600	1.88	1938.29	1943.13	.00	2.42	3.208	112.48
17.4000	1.86	1937.22	1942.03	.00	2.40	3.206	112.48
17.4400	1.84	1936.16	1940.92	.00	2.38	3.204	112.47

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
17.4800	1.82	1935.11	1939.82	.00	2.36	3.202	112.47
17.5200	1.80	1934.06	1938.73	.00	2.34	3.201	112.47
17.5600	1.79	1933.02	1937.65	.00	2.32	3.199	112.47
17.6000	1.77	1931.98	1936.57	.00	2.29	3.197	112.47
17.6400	1.75	1930.95	1935.49	.00	2.27	3.195	112.47
17.6800	1.73	1929.91	1934.42	.00	2.25	3.194	112.47
17.7200	1.71	1928.89	1933.35	.00	2.23	3.192	112.46
17.7600	1.69	1927.87	1932.29	.00	2.21	3.190	112.46
17.8000	1.67	1926.85	1931.24	.00	2.19	3.188	112.46
17.8400	1.65	1925.84	1930.18	.00	2.17	3.187	112.46
17.8800	1.63	1924.83	1929.13	.00	2.15	3.185	112.46
17.9200	1.62	1923.82	1928.08	.00	2.13	3.183	112.46
17.9600	1.60	1922.82	1927.04	.00	2.11	3.182	112.45
18.0000	1.58	1921.82	1926.00	.00	2.09	3.180	112.45
18.0400	1.56	1920.82	1924.96	.00	2.07	3.178	112.45
18.0800	1.54	1919.82	1923.92	.00	2.05	3.177	112.45
18.1200	1.53	1918.84	1922.90	.00	2.03	3.175	112.45
18.1600	1.52	1917.87	1921.89	.00	2.01	3.173	112.45
18.2000	1.51	1916.92	1920.90	.00	1.99	3.172	112.44
18.2400	1.51	1915.99	1919.94	.00	1.97	3.170	112.44
18.2800	1.50	1915.09	1919.00	.00	1.95	3.169	112.44
18.3200	1.49	1914.21	1918.08	.00	1.94	3.167	112.44
18.3600	1.49	1913.35	1917.19	.00	1.92	3.166	112.44
18.4000	1.48	1912.52	1916.32	.00	1.90	3.164	112.44
18.4400	1.48	1911.71	1915.48	.00	1.88	3.163	112.44
18.4800	1.47	1910.91	1914.65	.00	1.87	3.162	112.44
18.5200	1.46	1910.14	1913.85	.00	1.85	3.160	112.43
18.5600	1.46	1909.39	1913.06	.00	1.84	3.159	112.43
18.6000	1.45	1908.65	1912.30	.00	1.82	3.158	112.43
18.6400	1.45	1907.94	1911.56	.00	1.81	3.157	112.43
18.6800	1.44	1907.24	1910.83	.00	1.79	3.155	112.43
18.7200	1.44	1906.56	1910.12	.00	1.78	3.154	112.43
18.7600	1.43	1905.89	1909.43	.00	1.77	3.153	112.43
18.8000	1.43	1905.24	1908.75	.00	1.75	3.152	112.43
18.8400	1.42	1904.61	1908.09	.00	1.74	3.151	112.43
18.8800	1.42	1903.98	1907.44	.00	1.73	3.150	112.42
18.9200	1.41	1903.38	1906.81	.00	1.72	3.149	112.42
18.9600	1.40	1902.78	1906.19	.00	1.70	3.148	112.42
19.0000	1.40	1902.20	1905.58	.00	1.69	3.147	112.42
19.0400	1.39	1901.63	1904.99	.00	1.68	3.146	112.42
19.0800	1.39	1901.07	1904.41	.00	1.67	3.145	112.42
19.1200	1.38	1900.52	1903.84	.00	1.66	3.144	112.42

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
19.1600	1.38	1899.98	1903.28	.00	1.65	3.143	112.42
19.2000	1.37	1899.45	1902.73	.00	1.64	3.142	112.42
19.2400	1.37	1898.94	1902.19	.00	1.63	3.141	112.42
19.2800	1.36	1898.43	1901.66	.00	1.62	3.141	112.42
19.3200	1.35	1897.93	1901.15	.00	1.61	3.140	112.42
19.3600	1.35	1897.44	1900.63	.00	1.60	3.139	112.41
19.4000	1.34	1896.96	1900.13	.00	1.59	3.138	112.41
19.4400	1.34	1896.49	1899.64	.00	1.58	3.137	112.41
19.4800	1.33	1896.02	1899.16	.00	1.57	3.136	112.41
19.5200	1.33	1895.56	1898.68	.00	1.56	3.136	112.41
19.5600	1.32	1895.11	1898.21	.00	1.55	3.135	112.41
19.6000	1.32	1894.67	1897.75	.00	1.54	3.134	112.41
19.6400	1.31	1894.23	1897.29	.00	1.53	3.133	112.41
19.6800	1.30	1893.80	1896.84	.00	1.52	3.133	112.41
19.7200	1.30	1893.37	1896.40	.00	1.51	3.132	112.41
19.7600	1.29	1892.95	1895.96	.00	1.51	3.131	112.41
19.8000	1.29	1892.54	1895.53	.00	1.50	3.131	112.41
19.8400	1.28	1892.13	1895.11	.00	1.49	3.130	112.41
19.8800	1.28	1891.73	1894.69	.00	1.48	3.129	112.41
19.9200	1.27	1891.33	1894.28	.00	1.47	3.129	112.40
19.9600	1.26	1890.94	1893.87	.00	1.46	3.128	112.40
20.0000	1.26	1890.55	1893.46	.00	1.46	3.127	112.40
20.0400	1.25	1890.16	1893.06	.00	1.45	3.127	112.40
20.0800	1.25	1889.78	1892.67	.00	1.44	3.126	112.40
20.1200	1.24	1889.41	1892.27	.00	1.43	3.125	112.40
20.1600	1.24	1889.03	1891.89	.00	1.43	3.125	112.40
20.2000	1.24	1888.67	1891.51	.00	1.42	3.124	112.40
20.2400	1.23	1888.31	1891.14	.00	1.41	3.124	112.40
20.2800	1.23	1887.96	1890.77	.00	1.41	3.123	112.40
20.3200	1.22	1887.61	1890.41	.00	1.40	3.122	112.40
20.3600	1.22	1887.25	1890.05	.00	1.40	3.122	112.40
20.4000	1.21	1886.90	1889.68	.00	1.39	3.121	112.40
20.4400	1.21	1886.55	1889.32	.00	1.39	3.121	112.40
20.4800	1.20	1886.20	1888.96	.00	1.38	3.120	112.40
20.5200	1.20	1885.85	1888.60	.00	1.38	3.119	112.40
20.5600	1.20	1885.50	1888.25	.00	1.37	3.119	112.40
20.6000	1.19	1885.16	1887.89	.00	1.37	3.118	112.40
20.6400	1.19	1884.82	1887.54	.00	1.36	3.118	112.39
20.6800	1.18	1884.47	1887.19	.00	1.36	3.117	112.39
20.7200	1.18	1884.13	1886.84	.00	1.35	3.116	112.39
20.7600	1.17	1883.78	1886.48	.00	1.35	3.116	112.39
20.8000	1.17	1883.44	1886.13	.00	1.34	3.115	112.39



LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
20.8400	1.17	1883.10	1885.78	.00	1.34	3.115	112.39
20.8800	1.16	1882.77	1885.44	.00	1.33	3.114	112.39
20.9200	1.16	1882.43	1885.09	.00	1.33	3.114	112.39
20.9600	1.15	1882.10	1884.75	.00	1.32	3.113	112.39
21.0000	1.15	1881.77	1884.40	.00	1.32	3.113	112.39
21.0400	1.15	1881.44	1884.07	.00	1.31	3.112	112.39
21.0800	1.15	1881.11	1883.73	.00	1.31	3.111	112.39
21.1200	1.14	1880.79	1883.40	.00	1.31	3.111	112.39
21.1600	1.13	1880.46	1883.06	.00	1.30	3.110	112.39
21.2000	1.13	1880.13	1882.72	.00	1.30	3.110	112.39
21.2400	1.13	1879.80	1882.39	.00	1.29	3.109	112.39
21.2800	1.12	1879.48	1882.05	.00	1.29	3.109	112.39
21.3200	1.12	1879.15	1881.71	.00	1.28	3.108	112.39
21.3600	1.11	1878.83	1881.38	.00	1.28	3.108	112.39
21.4000	1.11	1878.50	1881.05	.00	1.27	3.107	112.38
21.4400	1.11	1878.18	1880.72	.00	1.27	3.106	112.38
21.4800	1.10	1877.86	1880.39	.00	1.26	3.106	112.38
21.5200	1.09	1877.54	1880.06	.00	1.26	3.105	112.38
21.5600	1.09	1877.21	1879.72	.00	1.25	3.105	112.38
21.6000	1.09	1876.89	1879.39	.00	1.25	3.104	112.38
21.6400	1.08	1876.57	1879.06	.00	1.25	3.104	112.38
21.6800	1.08	1876.25	1878.73	.00	1.24	3.103	112.38
21.7200	1.07	1875.93	1878.40	.00	1.24	3.103	112.38
21.7600	1.07	1875.61	1878.08	.00	1.23	3.102	112.38
21.8000	1.07	1875.30	1877.75	.00	1.23	3.102	112.38
21.8400	1.07	1874.98	1877.43	.00	1.22	3.101	112.38
21.8800	1.06	1874.67	1877.11	.00	1.22	3.101	112.38
21.9200	1.06	1874.36	1876.79	.00	1.21	3.100	112.38
21.9600	1.05	1874.05	1876.47	.00	1.21	3.100	112.38
22.0000	1.05	1873.73	1876.14	.00	1.21	3.099	112.38
22.0400	1.04	1873.42	1875.82	.00	1.20	3.098	112.38
22.0800	1.04	1873.10	1875.50	.00	1.20	3.098	112.38
22.1200	1.03	1872.79	1875.17	.00	1.19	3.097	112.38
22.1600	1.03	1872.48	1874.85	.00	1.19	3.097	112.38
22.2000	1.03	1872.17	1874.53	.00	1.18	3.096	112.37
22.2400	1.02	1871.86	1874.22	.00	1.18	3.096	112.37
22.2800	1.02	1871.55	1873.90	.00	1.17	3.095	112.37
22.3200	1.01	1871.23	1873.57	.00	1.17	3.095	112.37
22.3600	1.00	1870.92	1873.25	.00	1.17	3.094	112.37
22.4000	1.00	1870.60	1872.93	.00	1.16	3.094	112.37
22.4400	1.00	1870.29	1872.61	.00	1.16	3.093	112.37
22.4800	1.00	1869.99	1872.29	.00	1.15	3.093	112.37

LEVEL POOL ROUTING CALCULATIONS

HYG Dir           = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
22.5200	.99	1869.68	1871.97	.00	1.15	3.092	112.37
22.5600	.99	1869.37	1871.65	.00	1.14	3.092	112.37
22.6000	.98	1869.06	1871.33	.00	1.14	3.091	112.37
22.6400	.98	1868.75	1871.02	.00	1.13	3.091	112.37
22.6800	.98	1868.45	1870.71	.00	1.13	3.090	112.37
22.7200	.97	1868.15	1870.40	.00	1.13	3.090	112.37
22.7600	.97	1867.84	1870.08	.00	1.12	3.089	112.37
22.8000	.96	1867.53	1869.77	.00	1.12	3.089	112.37
22.8400	.96	1867.22	1869.45	.00	1.11	3.088	112.37
22.8800	.95	1866.92	1869.13	.00	1.11	3.088	112.37
22.9200	.95	1866.61	1868.82	.00	1.10	3.087	112.37
22.9600	.94	1866.31	1868.50	.00	1.10	3.087	112.37
23.0000	.94	1866.00	1868.19	.00	1.10	3.086	112.36
23.0400	.94	1865.70	1867.88	.00	1.09	3.086	112.36
23.0800	.93	1865.39	1867.56	.00	1.09	3.085	112.36
23.1200	.92	1865.08	1867.25	.00	1.08	3.084	112.36
23.1600	.92	1864.77	1866.93	.00	1.08	3.084	112.36
23.2000	.92	1864.46	1866.61	.00	1.07	3.083	112.36
23.2400	.91	1864.16	1866.29	.00	1.07	3.083	112.36
23.2800	.91	1863.85	1865.98	.00	1.06	3.082	112.36
23.3200	.91	1863.55	1865.67	.00	1.06	3.082	112.36
23.3600	.90	1863.24	1865.35	.00	1.06	3.081	112.36
23.4000	.90	1862.94	1865.04	.00	1.05	3.081	112.36
23.4400	.90	1862.64	1864.73	.00	1.05	3.080	112.36
23.4800	.89	1862.34	1864.42	.00	1.04	3.080	112.36
23.5200	.89	1862.04	1864.11	.00	1.04	3.079	112.36
23.5600	.88	1861.73	1863.80	.00	1.03	3.079	112.36
23.6000	.88	1861.43	1863.49	.00	1.03	3.078	112.36
23.6400	.87	1861.13	1863.18	.00	1.03	3.078	112.36
23.6800	.87	1860.82	1862.86	.00	1.02	3.077	112.36
23.7200	.86	1860.52	1862.55	.00	1.02	3.077	112.36
23.7600	.86	1860.21	1862.24	.00	1.01	3.076	112.36
23.8000	.86	1859.91	1861.93	.00	1.01	3.076	112.36
23.8400	.85	1859.61	1861.62	.00	1.00	3.075	112.35
23.8800	.85	1859.31	1861.31	.00	1.00	3.075	112.35
23.9200	.84	1859.00	1860.99	.00	1.00	3.074	112.35
23.9600	.83	1858.69	1860.68	.00	.99	3.074	112.35
24.0000	.83	1858.38	1860.36	.00	.99	3.073	112.35
24.0400	.78	1858.03	1860.00	.00	.98	3.073	112.35
24.0800	.63	1857.49	1859.44	.00	.97	3.072	112.35
24.1200	.41	1856.61	1858.53	.00	.96	3.070	112.35
24.1600	.23	1855.36	1857.25	.00	.94	3.068	112.35

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
24.2000	.13	1853.88	1855.72	.00	.92	3.066	112.35
24.2400	.07	1852.27	1854.07	.00	.90	3.063	112.34
24.2800	.04	1850.63	1852.38	.00	.88	3.060	112.34
24.3200	.02	1848.98	1850.69	.00	.85	3.057	112.34
24.3600	.01	1847.36	1849.02	.00	.83	3.055	112.34
24.4000	.01	1845.76	1847.37	.00	.81	3.052	112.33
24.4400	.00	1844.20	1845.77	.00	.79	3.049	112.33
24.4800	.00	1842.67	1844.20	.00	.76	3.047	112.33
24.5200	.00	1841.19	1842.67	.00	.74	3.044	112.33
24.5600	.00	1839.75	1841.19	.00	.72	3.042	112.32
24.6000	.00	1838.34	1839.75	.00	.70	3.040	112.32
24.6400	.00	1836.98	1838.34	.00	.68	3.037	112.32
24.6800	.00	1835.65	1836.98	.00	.66	3.035	112.32
24.7200	.00	1834.36	1835.65	.00	.65	3.033	112.32
24.7600	.00	1833.10	1834.36	.00	.63	3.031	112.31
24.8000	.00	1831.88	1833.10	.00	.61	3.029	112.31
24.8400	.00	1830.70	1831.88	.00	.59	3.027	112.31
24.8800	.00	1829.54	1830.70	.00	.58	3.025	112.31
24.9200	.00	1828.42	1829.54	.00	.56	3.023	112.31
24.9600	.00	1827.33	1828.42	.00	.55	3.021	112.30
25.0000	.00	1826.27	1827.33	.00	.53	3.019	112.30
25.0400	.00	1825.24	1826.27	.00	.52	3.018	112.30
25.0800	.00	1824.23	1825.24	.00	.50	3.016	112.30
25.1200	.00	1823.23	1824.23	.00	.50	3.014	112.30
25.1600	.00	1822.25	1823.23	.00	.49	3.013	112.30
25.2000	.00	1821.28	1822.25	.00	.48	3.011	112.29
25.2400	.00	1820.32	1821.28	.00	.48	3.010	112.29
25.2800	.00	1819.38	1820.32	.00	.47	3.008	112.29
25.3200	.00	1818.45	1819.38	.00	.47	3.006	112.29
25.3600	.00	1817.53	1818.45	.00	.46	3.005	112.29
25.4000	.00	1816.62	1817.53	.00	.45	3.003	112.29
25.4400	.00	1815.73	1816.62	.00	.45	3.002	112.29
25.4800	.00	1814.85	1815.73	.00	.44	3.000	112.28
25.5200	.00	1813.98	1814.85	.00	.44	2.999	112.28
25.5600	.00	1813.12	1813.98	.00	.43	2.998	112.28
25.6000	.00	1812.27	1813.12	.00	.42	2.996	112.28
25.6400	.00	1811.43	1812.27	.00	.42	2.995	112.28
25.6800	.00	1810.61	1811.43	.00	.41	2.993	112.28
25.7200	.00	1809.80	1810.61	.00	.41	2.992	112.28
25.7600	.00	1808.99	1809.80	.00	.40	2.991	112.28
25.8000	.00	1808.20	1808.99	.00	.40	2.989	112.27
25.8400	.00	1807.42	1808.20	.00	.39	2.988	112.27

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
25.8800	.00	1806.65	1807.42	.00	.39	2.987	112.27
25.9200	.00	1805.89	1806.65	.00	.38	2.986	112.27
25.9600	.00	1805.14	1805.89	.00	.38	2.984	112.27
26.0000	.00	1804.40	1805.14	.00	.37	2.983	112.27
26.0400	.00	1803.67	1804.40	.00	.37	2.982	112.27
26.0800	.00	1802.95	1803.67	.00	.36	2.981	112.27
26.1200	.00	1802.24	1802.95	.00	.36	2.979	112.26
26.1600	.00	1801.54	1802.24	.00	.35	2.978	112.26
26.2000	.00	1800.85	1801.54	.00	.35	2.977	112.26
26.2400	.00	1800.16	1800.85	.00	.34	2.976	112.26
26.2800	.00	1799.49	1800.16	.00	.34	2.975	112.26
26.3200	.00	1798.83	1799.49	.00	.33	2.974	112.26
26.3600	.00	1798.17	1798.83	.00	.33	2.973	112.26
26.4000	.00	1797.52	1798.17	.00	.32	2.972	112.26
26.4400	.00	1796.89	1797.52	.00	.32	2.971	112.26
26.4800	.00	1796.26	1796.89	.00	.31	2.970	112.26
26.5200	.00	1795.64	1796.26	.00	.31	2.968	112.25
26.5600	.00	1795.02	1795.64	.00	.31	2.967	112.25
26.6000	.00	1794.42	1795.02	.00	.30	2.966	112.25
26.6400	.00	1793.82	1794.42	.00	.30	2.965	112.25
26.6800	.00	1793.24	1793.82	.00	.29	2.965	112.25
26.7200	.00	1792.65	1793.24	.00	.29	2.964	112.25
26.7600	.00	1792.07	1792.65	.00	.29	2.963	112.25
26.8000	.00	1791.49	1792.07	.00	.29	2.962	112.25
26.8400	.00	1790.91	1791.49	.00	.29	2.961	112.25
26.8800	.00	1790.33	1790.91	.00	.29	2.960	112.25
26.9200	.00	1789.75	1790.33	.00	.29	2.959	112.25
26.9600	.00	1789.16	1789.75	.00	.29	2.958	112.24
27.0000	.00	1788.58	1789.16	.00	.29	2.957	112.24
27.0400	.00	1788.00	1788.58	.00	.29	2.956	112.24
27.0800	.00	1787.42	1788.00	.00	.29	2.955	112.24
27.1200	.00	1786.84	1787.42	.00	.29	2.954	112.24
27.1600	.00	1786.26	1786.84	.00	.29	2.953	112.24
27.2000	.00	1785.68	1786.26	.00	.29	2.952	112.24
27.2400	.00	1785.10	1785.68	.00	.29	2.951	112.24
27.2800	.00	1784.52	1785.10	.00	.29	2.950	112.24
27.3200	.00	1783.94	1784.52	.00	.29	2.949	112.24
27.3600	.00	1783.36	1783.94	.00	.29	2.948	112.24
27.4000	.00	1782.78	1783.36	.00	.29	2.947	112.23
27.4400	.00	1782.20	1782.78	.00	.29	2.946	112.23
27.4800	.00	1781.62	1782.20	.00	.29	2.945	112.23
27.5200	.00	1781.04	1781.62	.00	.29	2.944	112.23

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
27.5600	.00	1780.46	1781.04	.00	.29	2.943	112.23
27.6000	.00	1779.88	1780.46	.00	.29	2.942	112.23
27.6400	.00	1779.30	1779.88	.00	.29	2.941	112.23
27.6800	.00	1778.72	1779.30	.00	.29	2.940	112.23
27.7200	.00	1778.14	1778.72	.00	.29	2.940	112.23
27.7600	.00	1777.56	1778.14	.00	.29	2.939	112.23
27.8000	.00	1776.98	1777.56	.00	.29	2.938	112.23
27.8400	.00	1776.40	1776.98	.00	.29	2.937	112.22
27.8800	.00	1775.82	1776.40	.00	.29	2.936	112.22
27.9200	.00	1775.24	1775.82	.00	.29	2.935	112.22
27.9600	.00	1774.66	1775.24	.00	.29	2.934	112.22
28.0000	.00	1774.08	1774.66	.00	.29	2.933	112.22
28.0400	.00	1773.50	1774.08	.00	.29	2.932	112.22
28.0800	.00	1772.92	1773.50	.00	.29	2.931	112.22
28.1200	.00	1772.34	1772.92	.00	.29	2.930	112.22
28.1600	.00	1771.77	1772.34	.00	.29	2.929	112.22
28.2000	.00	1771.19	1771.77	.00	.29	2.928	112.22
28.2400	.00	1770.61	1771.19	.00	.29	2.927	112.22
28.2800	.00	1770.03	1770.61	.00	.29	2.926	112.21
28.3200	.00	1769.45	1770.03	.00	.29	2.925	112.21
28.3600	.00	1768.87	1769.45	.00	.29	2.924	112.21
28.4000	.00	1768.29	1768.87	.00	.29	2.923	112.21
28.4400	.00	1767.72	1768.29	.00	.29	2.922	112.21
28.4800	.00	1767.14	1767.72	.00	.29	2.921	112.21
28.5200	.00	1766.56	1767.14	.00	.29	2.920	112.21
28.5600	.00	1765.98	1766.56	.00	.29	2.919	112.21
28.6000	.00	1765.40	1765.98	.00	.29	2.918	112.21
28.6400	.00	1764.83	1765.40	.00	.29	2.918	112.21
28.6800	.00	1764.25	1764.83	.00	.29	2.917	112.21
28.7200	.00	1763.67	1764.25	.00	.29	2.916	112.20
28.7600	.00	1763.09	1763.67	.00	.29	2.915	112.20
28.8000	.00	1762.52	1763.09	.00	.29	2.914	112.20
28.8400	.00	1761.94	1762.52	.00	.29	2.913	112.20
28.8800	.00	1761.36	1761.94	.00	.29	2.912	112.20
28.9200	.00	1760.78	1761.36	.00	.29	2.911	112.20
28.9600	.00	1760.21	1760.78	.00	.29	2.910	112.20
29.0000	.00	1759.63	1760.21	.00	.29	2.909	112.20
29.0400	.00	1759.05	1759.63	.00	.29	2.908	112.20
29.0800	.00	1758.48	1759.05	.00	.29	2.907	112.20
29.1200	.00	1757.90	1758.48	.00	.29	2.906	112.20
29.1600	.00	1757.32	1757.90	.00	.29	2.905	112.19
29.2000	.00	1756.75	1757.32	.00	.29	2.904	112.19

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
29.2400	.00	1756.17	1756.75	.00	.29	2.903	112.19
29.2800	.00	1755.59	1756.17	.00	.29	2.902	112.19
29.3200	.00	1755.02	1755.59	.00	.29	2.901	112.19
29.3600	.00	1754.44	1755.02	.00	.29	2.900	112.19
29.4000	.00	1753.87	1754.44	.00	.29	2.899	112.19
29.4400	.00	1753.29	1753.87	.00	.29	2.898	112.19
29.4800	.00	1752.71	1753.29	.00	.29	2.897	112.19
29.5200	.00	1752.14	1752.71	.00	.29	2.897	112.19
29.5600	.00	1751.56	1752.14	.00	.29	2.896	112.19
29.6000	.00	1750.99	1751.56	.00	.29	2.895	112.18
29.6400	.00	1750.41	1750.99	.00	.29	2.894	112.18
29.6800	.00	1749.83	1750.41	.00	.29	2.893	112.18
29.7200	.00	1749.26	1749.83	.00	.29	2.892	112.18
29.7600	.00	1748.68	1749.26	.00	.29	2.891	112.18
29.8000	.00	1748.11	1748.68	.00	.29	2.890	112.18
29.8400	.00	1747.53	1748.11	.00	.29	2.889	112.18
29.8800	.00	1746.96	1747.53	.00	.29	2.888	112.18
29.9200	.00	1746.38	1746.96	.00	.29	2.887	112.18
29.9600	.00	1745.81	1746.38	.00	.29	2.886	112.18
30.0000	.00	1745.23	1745.81	.00	.29	2.885	112.18
30.0400	.00	1744.66	1745.23	.00	.29	2.884	112.17
30.0800	.00	1744.08	1744.66	.00	.29	2.883	112.17
30.1200	.00	1743.51	1744.08	.00	.29	2.882	112.17
30.1600	.00	1742.93	1743.51	.00	.29	2.881	112.17
30.2000	.00	1742.36	1742.93	.00	.29	2.880	112.17
30.2400	.00	1741.79	1742.36	.00	.29	2.879	112.17
30.2800	.00	1741.21	1741.79	.00	.29	2.878	112.17
30.3200	.00	1740.64	1741.21	.00	.29	2.877	112.17
30.3600	.00	1740.06	1740.64	.00	.29	2.877	112.17
30.4000	.00	1739.49	1740.06	.00	.29	2.876	112.17
30.4400	.00	1738.91	1739.49	.00	.29	2.875	112.17
30.4800	.00	1738.34	1738.91	.00	.29	2.874	112.16
30.5200	.00	1737.77	1738.34	.00	.29	2.873	112.16
30.5600	.00	1737.19	1737.77	.00	.29	2.872	112.16
30.6000	.00	1736.62	1737.19	.00	.29	2.871	112.16
30.6400	.00	1736.05	1736.62	.00	.29	2.870	112.16
30.6800	.00	1735.47	1736.05	.00	.29	2.869	112.16
30.7200	.00	1734.90	1735.47	.00	.29	2.868	112.16
30.7600	.00	1734.33	1734.90	.00	.29	2.867	112.16
30.8000	.00	1733.75	1734.33	.00	.29	2.866	112.16
30.8400	.00	1733.18	1733.75	.00	.29	2.865	112.16
30.8800	.00	1732.61	1733.18	.00	.29	2.864	112.16

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
30.9200	.00	1732.03	1732.61	.00	.29	2.863	112.15
30.9600	.00	1731.46	1732.03	.00	.29	2.862	112.15
31.0000	.00	1730.89	1731.46	.00	.29	2.861	112.15
31.0400	.00	1730.32	1730.89	.00	.29	2.860	112.15
31.0800	.00	1729.74	1730.32	.00	.29	2.859	112.15
31.1200	.00	1729.17	1729.74	.00	.29	2.859	112.15
31.1600	.00	1728.60	1729.17	.00	.29	2.858	112.15
31.2000	.00	1728.03	1728.60	.00	.29	2.857	112.15
31.2400	.00	1727.45	1728.03	.00	.29	2.856	112.15
31.2800	.00	1726.88	1727.45	.00	.29	2.855	112.15
31.3200	.00	1726.31	1726.88	.00	.29	2.854	112.15
31.3600	.00	1725.74	1726.31	.00	.29	2.853	112.15
31.4000	.00	1725.17	1725.74	.00	.29	2.852	112.14
31.4400	.00	1724.59	1725.17	.00	.29	2.851	112.14
31.4800	.00	1724.02	1724.59	.00	.29	2.850	112.14
31.5200	.00	1723.45	1724.02	.00	.29	2.849	112.14
31.5600	.00	1722.88	1723.45	.00	.29	2.848	112.14
31.6000	.00	1722.31	1722.88	.00	.29	2.847	112.14
31.6400	.00	1721.74	1722.31	.00	.29	2.846	112.14
31.6800	.00	1721.16	1721.74	.00	.29	2.845	112.14
31.7200	.00	1720.59	1721.16	.00	.29	2.844	112.14
31.7600	.00	1720.02	1720.59	.00	.29	2.843	112.14
31.8000	.00	1719.45	1720.02	.00	.29	2.842	112.14
31.8400	.00	1718.88	1719.45	.00	.29	2.842	112.13
31.8800	.00	1718.31	1718.88	.00	.29	2.841	112.13
31.9200	.00	1717.74	1718.31	.00	.29	2.840	112.13
31.9600	.00	1717.17	1717.74	.00	.29	2.839	112.13
32.0000	.00	1716.60	1717.17	.00	.29	2.838	112.13
32.0400	.00	1716.03	1716.60	.00	.29	2.837	112.13
32.0800	.00	1715.46	1716.03	.00	.29	2.836	112.13
32.1200	.00	1714.88	1715.46	.00	.29	2.835	112.13
32.1600	.00	1714.31	1714.88	.00	.29	2.834	112.13
32.2000	.00	1713.74	1714.31	.00	.29	2.833	112.13
32.2400	.00	1713.17	1713.74	.00	.29	2.832	112.13
32.2800	.00	1712.60	1713.17	.00	.29	2.831	112.12
32.3200	.00	1712.03	1712.60	.00	.28	2.830	112.12
32.3600	.00	1711.46	1712.03	.00	.28	2.829	112.12
32.4000	.00	1710.89	1711.46	.00	.28	2.828	112.12
32.4400	.00	1710.32	1710.89	.00	.28	2.827	112.12
32.4800	.00	1709.76	1710.32	.00	.28	2.826	112.12
32.5200	.00	1709.19	1709.76	.00	.28	2.826	112.12
32.5600	.00	1708.62	1709.19	.00	.28	2.825	112.12

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
32.6000	.00	1708.05	1708.62	.00	.28	2.824	112.12
32.6400	.00	1707.48	1708.05	.00	.28	2.823	112.12
32.6800	.00	1706.91	1707.48	.00	.28	2.822	112.12
32.7200	.00	1706.34	1706.91	.00	.28	2.821	112.11
32.7600	.00	1705.77	1706.34	.00	.28	2.820	112.11
32.8000	.00	1705.20	1705.77	.00	.28	2.819	112.11
32.8400	.00	1704.63	1705.20	.00	.28	2.818	112.11
32.8800	.00	1704.06	1704.63	.00	.28	2.817	112.11
32.9200	.00	1703.49	1704.06	.00	.28	2.816	112.11
32.9600	.00	1702.93	1703.49	.00	.28	2.815	112.11
33.0000	.00	1702.36	1702.93	.00	.28	2.814	112.11
33.0400	.00	1701.79	1702.36	.00	.28	2.813	112.11
33.0800	.00	1701.22	1701.79	.00	.28	2.812	112.11
33.1200	.00	1700.65	1701.22	.00	.28	2.811	112.11
33.1600	.00	1700.08	1700.65	.00	.28	2.811	112.10
33.2000	.00	1699.52	1700.08	.00	.28	2.810	112.10
33.2400	.00	1698.95	1699.52	.00	.28	2.809	112.10
33.2800	.00	1698.38	1698.95	.00	.28	2.808	112.10
33.3200	.00	1697.81	1698.38	.00	.28	2.807	112.10
33.3600	.00	1697.24	1697.81	.00	.28	2.806	112.10
33.4000	.00	1696.68	1697.24	.00	.28	2.805	112.10
33.4400	.00	1696.11	1696.68	.00	.28	2.804	112.10
33.4800	.00	1695.54	1696.11	.00	.28	2.803	112.10
33.5200	.00	1694.97	1695.54	.00	.28	2.802	112.10
33.5600	.00	1694.41	1694.97	.00	.28	2.801	112.10
33.6000	.00	1693.84	1694.41	.00	.28	2.800	112.09
33.6400	.00	1693.27	1693.84	.00	.28	2.799	112.09
33.6800	.00	1692.70	1693.27	.00	.28	2.798	112.09
33.7200	.00	1692.14	1692.70	.00	.28	2.797	112.09
33.7600	.00	1691.57	1692.14	.00	.28	2.796	112.09
33.8000	.00	1691.00	1691.57	.00	.28	2.795	112.09
33.8400	.00	1690.44	1691.00	.00	.28	2.795	112.09
33.8800	.00	1689.87	1690.44	.00	.28	2.794	112.09
33.9200	.00	1689.30	1689.87	.00	.28	2.793	112.09
33.9600	.00	1688.74	1689.30	.00	.28	2.792	112.09
34.0000	.00	1688.17	1688.74	.00	.28	2.791	112.09
34.0400	.00	1687.60	1688.17	.00	.28	2.790	112.09
34.0800	.00	1687.04	1687.60	.00	.28	2.789	112.08
34.1200	.00	1686.47	1687.04	.00	.28	2.788	112.08
34.1600	.00	1685.91	1686.47	.00	.28	2.787	112.08
34.2000	.00	1685.34	1685.91	.00	.28	2.786	112.08
34.2400	.00	1684.77	1685.34	.00	.28	2.785	112.08



LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
34.2800	.00	1684.21	1684.77	.00	.28	2.784	112.08
34.3200	.00	1683.64	1684.21	.00	.28	2.783	112.08
34.3600	.00	1683.08	1683.64	.00	.28	2.782	112.08
34.4000	.00	1682.51	1683.08	.00	.28	2.781	112.08
34.4400	.00	1681.95	1682.51	.00	.28	2.780	112.08
34.4800	.00	1681.38	1681.95	.00	.28	2.780	112.08
34.5200	.00	1680.81	1681.38	.00	.28	2.779	112.07
34.5600	.00	1680.25	1680.81	.00	.28	2.778	112.07
34.6000	.00	1679.68	1680.25	.00	.28	2.777	112.07
34.6400	.00	1679.12	1679.68	.00	.28	2.776	112.07
34.6800	.00	1678.55	1679.12	.00	.28	2.775	112.07
34.7200	.00	1677.99	1678.55	.00	.28	2.774	112.07
34.7600	.00	1677.42	1677.99	.00	.28	2.773	112.07
34.8000	.00	1676.86	1677.42	.00	.28	2.772	112.07
34.8400	.00	1676.30	1676.86	.00	.28	2.771	112.07
34.8800	.00	1675.73	1676.30	.00	.28	2.770	112.07
34.9200	.00	1675.17	1675.73	.00	.28	2.769	112.07
34.9600	.00	1674.60	1675.17	.00	.28	2.768	112.06
35.0000	.00	1674.04	1674.60	.00	.28	2.767	112.06
35.0400	.00	1673.47	1674.04	.00	.28	2.766	112.06
35.0800	.00	1672.91	1673.47	.00	.28	2.766	112.06
35.1200	.00	1672.35	1672.91	.00	.28	2.765	112.06
35.1600	.00	1671.78	1672.35	.00	.28	2.764	112.06
35.2000	.00	1671.22	1671.78	.00	.28	2.763	112.06
35.2400	.00	1670.65	1671.22	.00	.28	2.762	112.06
35.2800	.00	1670.09	1670.65	.00	.28	2.761	112.06
35.3200	.00	1669.53	1670.09	.00	.28	2.760	112.06
35.3600	.00	1668.96	1669.53	.00	.28	2.759	112.06
35.4000	.00	1668.40	1668.96	.00	.28	2.758	112.05
35.4400	.00	1667.84	1668.40	.00	.28	2.757	112.05
35.4800	.00	1667.27	1667.84	.00	.28	2.756	112.05
35.5200	.00	1666.71	1667.27	.00	.28	2.755	112.05
35.5600	.00	1666.15	1666.71	.00	.28	2.754	112.05
35.6000	.00	1665.58	1666.15	.00	.28	2.753	112.05
35.6400	.00	1665.02	1665.58	.00	.28	2.752	112.05
35.6800	.00	1664.46	1665.02	.00	.28	2.752	112.05
35.7200	.00	1663.89	1664.46	.00	.28	2.751	112.05
35.7600	.00	1663.33	1663.89	.00	.28	2.750	112.05
35.8000	.00	1662.77	1663.33	.00	.28	2.749	112.05
35.8400	.00	1662.21	1662.77	.00	.28	2.748	112.04
35.8800	.00	1661.64	1662.21	.00	.28	2.747	112.04
35.9200	.00	1661.08	1661.64	.00	.28	2.746	112.04

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
35.9600	.00	1660.52	1661.08	.00	.28	2.745	112.04
36.0000	.00	1659.96	1660.52	.00	.28	2.744	112.04
36.0400	.00	1659.40	1659.96	.00	.28	2.743	112.04
36.0800	.00	1658.83	1659.40	.00	.28	2.742	112.04
36.1200	.00	1658.27	1658.83	.00	.28	2.741	112.04
36.1600	.00	1657.71	1658.27	.00	.28	2.740	112.04
36.2000	.00	1657.15	1657.71	.00	.28	2.739	112.04
36.2400	.00	1656.59	1657.15	.00	.28	2.739	112.04
36.2800	.00	1656.02	1656.59	.00	.28	2.738	112.04
36.3200	.00	1655.46	1656.02	.00	.28	2.737	112.03
36.3600	.00	1654.90	1655.46	.00	.28	2.736	112.03
36.4000	.00	1654.34	1654.90	.00	.28	2.735	112.03
36.4400	.00	1653.78	1654.34	.00	.28	2.734	112.03
36.4800	.00	1653.22	1653.78	.00	.28	2.733	112.03
36.5200	.00	1652.66	1653.22	.00	.28	2.732	112.03
36.5600	.00	1652.10	1652.66	.00	.28	2.731	112.03
36.6000	.00	1651.54	1652.10	.00	.28	2.730	112.03
36.6400	.00	1650.97	1651.54	.00	.28	2.729	112.03
36.6800	.00	1650.41	1650.97	.00	.28	2.728	112.03
36.7200	.00	1649.85	1650.41	.00	.28	2.727	112.03
36.7600	.00	1649.29	1649.85	.00	.28	2.726	112.02
36.8000	.00	1648.73	1649.29	.00	.28	2.726	112.02
36.8400	.00	1648.17	1648.73	.00	.28	2.725	112.02
36.8800	.00	1647.61	1648.17	.00	.28	2.724	112.02
36.9200	.00	1647.05	1647.61	.00	.28	2.723	112.02
36.9600	.00	1646.49	1647.05	.00	.28	2.722	112.02
37.0000	.00	1645.93	1646.49	.00	.28	2.721	112.02
37.0400	.00	1645.37	1645.93	.00	.28	2.720	112.02
37.0800	.00	1644.81	1645.37	.00	.28	2.719	112.02
37.1200	.00	1644.25	1644.81	.00	.28	2.718	112.02
37.1600	.00	1643.69	1644.25	.00	.28	2.717	112.02
37.2000	.00	1643.13	1643.69	.00	.28	2.716	112.01
37.2400	.00	1642.57	1643.13	.00	.28	2.715	112.01
37.2800	.00	1642.01	1642.57	.00	.28	2.714	112.01
37.3200	.00	1641.45	1642.01	.00	.28	2.714	112.01
37.3600	.00	1640.89	1641.45	.00	.28	2.713	112.01
37.4000	.00	1640.34	1640.89	.00	.28	2.712	112.01
37.4400	.00	1639.78	1640.34	.00	.28	2.711	112.01
37.4800	.00	1639.22	1639.78	.00	.28	2.710	112.01
37.5200	.00	1638.66	1639.22	.00	.28	2.709	112.01
37.5600	.00	1638.10	1638.66	.00	.28	2.708	112.01
37.6000	.00	1637.54	1638.10	.00	.28	2.707	112.01

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
37.6400	.00	1636.98	1637.54	.00	.28	2.706	112.01
37.6800	.00	1636.42	1636.98	.00	.28	2.705	112.00
37.7200	.00	1635.86	1636.42	.00	.28	2.704	112.00
37.7600	.00	1635.31	1635.86	.00	.28	2.703	112.00
37.8000	.00	1634.75	1635.31	.00	.28	2.703	112.00
37.8400	.00	1634.19	1634.75	.00	.28	2.702	112.00
37.8800	.00	1633.63	1634.19	.00	.28	2.701	112.00
37.9200	.00	1633.07	1633.63	.00	.28	2.700	112.00
37.9600	.00	1632.52	1633.07	.00	.28	2.699	112.00
38.0000	.00	1631.96	1632.52	.00	.28	2.698	112.00
38.0400	.00	1631.40	1631.96	.00	.28	2.697	112.00
38.0800	.00	1630.84	1631.40	.00	.28	2.696	112.00
38.1200	.00	1630.28	1630.84	.00	.28	2.695	111.99
38.1600	.00	1629.73	1630.28	.00	.28	2.694	111.99
38.2000	.00	1629.17	1629.73	.00	.28	2.693	111.99
38.2400	.00	1628.61	1629.17	.00	.28	2.692	111.99
38.2800	.00	1628.05	1628.61	.00	.28	2.691	111.99
38.3200	.00	1627.50	1628.05	.00	.28	2.691	111.99
38.3600	.00	1626.94	1627.50	.00	.28	2.690	111.99
38.4000	.00	1626.38	1626.94	.00	.28	2.689	111.99
38.4400	.00	1625.83	1626.38	.00	.28	2.688	111.99
38.4800	.00	1625.27	1625.83	.00	.28	2.687	111.99
38.5200	.00	1624.71	1625.27	.00	.28	2.686	111.99
38.5600	.00	1624.16	1624.71	.00	.28	2.685	111.98
38.6000	.00	1623.60	1624.16	.00	.28	2.684	111.98
38.6400	.00	1623.04	1623.60	.00	.28	2.683	111.98
38.6800	.00	1622.49	1623.04	.00	.28	2.682	111.98
38.7200	.00	1621.93	1622.49	.00	.28	2.681	111.98
38.7600	.00	1621.37	1621.93	.00	.28	2.680	111.98
38.8000	.00	1620.82	1621.37	.00	.28	2.679	111.98
38.8400	.00	1620.26	1620.82	.00	.28	2.679	111.98
38.8800	.00	1619.70	1620.26	.00	.28	2.678	111.98
38.9200	.00	1619.15	1619.70	.00	.28	2.677	111.98
38.9600	.00	1618.59	1619.15	.00	.28	2.676	111.98
39.0000	.00	1618.04	1618.59	.00	.28	2.675	111.97
39.0400	.00	1617.48	1618.04	.00	.28	2.674	111.97
39.0800	.00	1616.93	1617.48	.00	.28	2.673	111.97
39.1200	.00	1616.37	1616.93	.00	.28	2.672	111.97
39.1600	.00	1615.81	1616.37	.00	.28	2.671	111.97
39.2000	.00	1615.26	1615.81	.00	.28	2.670	111.97
39.2400	.00	1614.70	1615.26	.00	.28	2.669	111.97
39.2800	.00	1614.15	1614.70	.00	.28	2.668	111.97

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
39.3200	.00	1613.59	1614.15	.00	.28	2.667	111.97
39.3600	.00	1613.04	1613.59	.00	.28	2.667	111.97
39.4000	.00	1612.48	1613.04	.00	.28	2.666	111.97
39.4400	.00	1611.93	1612.48	.00	.28	2.665	111.97
39.4800	.00	1611.37	1611.93	.00	.28	2.664	111.96
39.5200	.00	1610.82	1611.37	.00	.28	2.663	111.96
39.5600	.00	1610.27	1610.82	.00	.28	2.662	111.96
39.6000	.00	1609.71	1610.27	.00	.28	2.661	111.96
39.6400	.00	1609.16	1609.71	.00	.28	2.660	111.96
39.6800	.00	1608.60	1609.16	.00	.28	2.659	111.96
39.7200	.00	1608.05	1608.60	.00	.28	2.658	111.96
39.7600	.00	1607.49	1608.05	.00	.28	2.657	111.96
39.8000	.00	1606.94	1607.49	.00	.28	2.656	111.96
39.8400	.00	1606.39	1606.94	.00	.28	2.656	111.96
39.8800	.00	1605.83	1606.39	.00	.28	2.655	111.96
39.9200	.00	1605.28	1605.83	.00	.28	2.654	111.95
39.9600	.00	1604.72	1605.28	.00	.28	2.653	111.95
40.0000	.00	1604.17	1604.72	.00	.28	2.652	111.95
40.0400	.00	1603.62	1604.17	.00	.28	2.651	111.95
40.0800	.00	1603.06	1603.62	.00	.28	2.650	111.95
40.1200	.00	1602.51	1603.06	.00	.28	2.649	111.95
40.1600	.00	1601.96	1602.51	.00	.28	2.648	111.95
40.2000	.00	1601.40	1601.96	.00	.28	2.647	111.95
40.2400	.00	1600.85	1601.40	.00	.28	2.646	111.95
40.2800	.00	1600.30	1600.85	.00	.28	2.645	111.95
40.3200	.00	1599.74	1600.30	.00	.28	2.645	111.95
40.3600	.00	1599.19	1599.74	.00	.28	2.644	111.94
40.4000	.00	1598.64	1599.19	.00	.28	2.643	111.94
40.4400	.00	1598.09	1598.64	.00	.28	2.642	111.94
40.4800	.00	1597.53	1598.09	.00	.28	2.641	111.94
40.5200	.00	1596.98	1597.53	.00	.28	2.640	111.94
40.5600	.00	1596.43	1596.98	.00	.28	2.639	111.94
40.6000	.00	1595.88	1596.43	.00	.28	2.638	111.94
40.6400	.00	1595.32	1595.88	.00	.28	2.637	111.94
40.6800	.00	1594.77	1595.32	.00	.28	2.636	111.94
40.7200	.00	1594.22	1594.77	.00	.28	2.635	111.94
40.7600	.00	1593.67	1594.22	.00	.28	2.635	111.94
40.8000	.00	1593.12	1593.67	.00	.28	2.634	111.94
40.8400	.00	1592.56	1593.12	.00	.28	2.633	111.93
40.8800	.00	1592.01	1592.56	.00	.28	2.632	111.93
40.9200	.00	1591.46	1592.01	.00	.28	2.631	111.93
40.9600	.00	1590.91	1591.46	.00	.28	2.630	111.93

LEVEL POOL ROUTING CALCULATIONS

HYG Dir           = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
41.0000	.00	1590.36	1590.91	.00	.28	2.629	111.93
41.0400	.00	1589.81	1590.36	.00	.28	2.628	111.93
41.0800	.00	1589.25	1589.81	.00	.28	2.627	111.93
41.1200	.00	1588.70	1589.25	.00	.28	2.626	111.93
41.1600	.00	1588.15	1588.70	.00	.28	2.625	111.93
41.2000	.00	1587.60	1588.15	.00	.28	2.625	111.93
41.2400	.00	1587.05	1587.60	.00	.28	2.624	111.93
41.2800	.00	1586.50	1587.05	.00	.28	2.623	111.92
41.3200	.00	1585.95	1586.50	.00	.28	2.622	111.92
41.3600	.00	1585.40	1585.95	.00	.28	2.621	111.92
41.4000	.00	1584.85	1585.40	.00	.28	2.620	111.92
41.4400	.00	1584.30	1584.85	.00	.28	2.619	111.92
41.4800	.00	1583.75	1584.30	.00	.28	2.618	111.92
41.5200	.00	1583.20	1583.75	.00	.28	2.617	111.92
41.5600	.00	1582.65	1583.20	.00	.28	2.616	111.92
41.6000	.00	1582.10	1582.65	.00	.28	2.615	111.92
41.6400	.00	1581.55	1582.10	.00	.28	2.615	111.92
41.6800	.00	1581.00	1581.55	.00	.28	2.614	111.92
41.7200	.00	1580.45	1581.00	.00	.27	2.613	111.92
41.7600	.00	1579.90	1580.45	.00	.27	2.612	111.91
41.8000	.00	1579.35	1579.90	.00	.27	2.611	111.91
41.8400	.00	1578.80	1579.35	.00	.27	2.610	111.91
41.8800	.00	1578.25	1578.80	.00	.27	2.609	111.91
41.9200	.00	1577.70	1578.25	.00	.27	2.608	111.91
41.9600	.00	1577.15	1577.70	.00	.27	2.607	111.91
42.0000	.00	1576.60	1577.15	.00	.27	2.606	111.91
42.0400	.00	1576.05	1576.60	.00	.27	2.605	111.91
42.0800	.00	1575.50	1576.05	.00	.27	2.605	111.91
42.1200	.00	1574.95	1575.50	.00	.27	2.604	111.91
42.1600	.00	1574.40	1574.95	.00	.27	2.603	111.91
42.2000	.00	1573.85	1574.40	.00	.27	2.602	111.90
42.2400	.00	1573.30	1573.85	.00	.27	2.601	111.90
42.2800	.00	1572.75	1573.30	.00	.27	2.600	111.90
42.3200	.00	1572.21	1572.75	.00	.27	2.599	111.90
42.3600	.00	1571.66	1572.21	.00	.27	2.598	111.90
42.4000	.00	1571.11	1571.66	.00	.27	2.597	111.90
42.4400	.00	1570.56	1571.11	.00	.27	2.596	111.90
42.4800	.00	1570.01	1570.56	.00	.27	2.596	111.90
42.5200	.00	1569.46	1570.01	.00	.27	2.595	111.90
42.5600	.00	1568.92	1569.46	.00	.27	2.594	111.90
42.6000	.00	1568.37	1568.92	.00	.27	2.593	111.90
42.6400	.00	1567.82	1568.37	.00	.27	2.592	111.89

LEVEL POOL ROUTING CALCULATIONS

HYG Dir               = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
42.6800	.00	1567.27	1567.82	.00	.27	2.591	111.89
42.7200	.00	1566.72	1567.27	.00	.27	2.590	111.89
42.7600	.00	1566.18	1566.72	.00	.27	2.589	111.89
42.8000	.00	1565.63	1566.18	.00	.27	2.588	111.89
42.8400	.00	1565.08	1565.63	.00	.27	2.587	111.89
42.8800	.00	1564.53	1565.08	.00	.27	2.586	111.89
42.9200	.00	1563.99	1564.53	.00	.27	2.586	111.89
42.9600	.00	1563.44	1563.99	.00	.27	2.585	111.89
43.0000	.00	1562.89	1563.44	.00	.27	2.584	111.89
43.0400	.00	1562.34	1562.89	.00	.27	2.583	111.89
43.0800	.00	1561.80	1562.34	.00	.27	2.582	111.89
43.1200	.00	1561.25	1561.80	.00	.27	2.581	111.88
43.1600	.00	1560.70	1561.25	.00	.27	2.580	111.88
43.2000	.00	1560.16	1560.70	.00	.27	2.579	111.88
43.2400	.00	1559.61	1560.16	.00	.27	2.578	111.88
43.2800	.00	1559.06	1559.61	.00	.27	2.577	111.88
43.3200	.00	1558.52	1559.06	.00	.27	2.576	111.88
43.3600	.00	1557.97	1558.52	.00	.27	2.576	111.88
43.4000	.00	1557.42	1557.97	.00	.27	2.575	111.88
43.4400	.00	1556.88	1557.42	.00	.27	2.574	111.88
43.4800	.00	1556.33	1556.88	.00	.27	2.573	111.88
43.5200	.00	1555.79	1556.33	.00	.27	2.572	111.88
43.5600	.00	1555.24	1555.79	.00	.27	2.571	111.87
43.6000	.00	1554.69	1555.24	.00	.27	2.570	111.87
43.6400	.00	1554.15	1554.69	.00	.27	2.569	111.87
43.6800	.00	1553.60	1554.15	.00	.27	2.568	111.87
43.7200	.00	1553.06	1553.60	.00	.27	2.567	111.87
43.7600	.00	1552.51	1553.06	.00	.27	2.567	111.87
43.8000	.00	1551.97	1552.51	.00	.27	2.566	111.87
43.8400	.00	1551.42	1551.97	.00	.27	2.565	111.87
43.8800	.00	1550.88	1551.42	.00	.27	2.564	111.87
43.9200	.00	1550.33	1550.88	.00	.27	2.563	111.87
43.9600	.00	1549.78	1550.33	.00	.27	2.562	111.87
44.0000	.00	1549.24	1549.78	.00	.27	2.561	111.87
44.0400	.00	1548.69	1549.24	.00	.27	2.560	111.86
44.0800	.00	1548.15	1548.69	.00	.27	2.559	111.86
44.1200	.00	1547.61	1548.15	.00	.27	2.558	111.86
44.1600	.00	1547.06	1547.61	.00	.27	2.557	111.86
44.2000	.00	1546.52	1547.06	.00	.27	2.557	111.86
44.2400	.00	1545.97	1546.52	.00	.27	2.556	111.86
44.2800	.00	1545.43	1545.97	.00	.27	2.555	111.86
44.3200	.00	1544.88	1545.43	.00	.27	2.554	111.86

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
44.3600	.00	1544.34	1544.88	.00	.27	2.553	111.86
44.4000	.00	1543.79	1544.34	.00	.27	2.552	111.86
44.4400	.00	1543.25	1543.79	.00	.27	2.551	111.86
44.4800	.00	1542.71	1543.25	.00	.27	2.550	111.85
44.5200	.00	1542.16	1542.71	.00	.27	2.549	111.85
44.5600	.00	1541.62	1542.16	.00	.27	2.548	111.85
44.6000	.00	1541.07	1541.62	.00	.27	2.548	111.85
44.6400	.00	1540.53	1541.07	.00	.27	2.547	111.85
44.6800	.00	1539.99	1540.53	.00	.27	2.546	111.85
44.7200	.00	1539.44	1539.99	.00	.27	2.545	111.85
44.7600	.00	1538.90	1539.44	.00	.27	2.544	111.85
44.8000	.00	1538.36	1538.90	.00	.27	2.543	111.85
44.8400	.00	1537.81	1538.36	.00	.27	2.542	111.85
44.8800	.00	1537.27	1537.81	.00	.27	2.541	111.85
44.9200	.00	1536.73	1537.27	.00	.27	2.540	111.85
44.9600	.00	1536.18	1536.73	.00	.27	2.540	111.84
45.0000	.00	1535.64	1536.18	.00	.27	2.539	111.84
45.0400	.00	1535.10	1535.64	.00	.27	2.538	111.84
45.0800	.00	1534.56	1535.10	.00	.27	2.537	111.84
45.1200	.00	1534.01	1534.56	.00	.27	2.536	111.84
45.1600	.00	1533.47	1534.01	.00	.27	2.535	111.84
45.2000	.00	1532.93	1533.47	.00	.27	2.534	111.84
45.2400	.00	1532.39	1532.93	.00	.27	2.533	111.84
45.2800	.00	1531.84	1532.39	.00	.27	2.532	111.84
45.3200	.00	1531.30	1531.84	.00	.27	2.531	111.84
45.3600	.00	1530.76	1531.30	.00	.27	2.531	111.84
45.4000	.00	1530.22	1530.76	.00	.27	2.530	111.83
45.4400	.00	1529.68	1530.22	.00	.27	2.529	111.83
45.4800	.00	1529.13	1529.68	.00	.27	2.528	111.83
45.5200	.00	1528.59	1529.13	.00	.27	2.527	111.83
45.5600	.00	1528.05	1528.59	.00	.27	2.526	111.83
45.6000	.00	1527.51	1528.05	.00	.27	2.525	111.83
45.6400	.00	1526.97	1527.51	.00	.27	2.524	111.83
45.6800	.00	1526.43	1526.97	.00	.27	2.523	111.83
45.7200	.00	1525.88	1526.43	.00	.27	2.522	111.83
45.7600	.00	1525.34	1525.88	.00	.27	2.522	111.83
45.8000	.00	1524.80	1525.34	.00	.27	2.521	111.83
45.8400	.00	1524.26	1524.80	.00	.27	2.520	111.83
45.8800	.00	1523.72	1524.26	.00	.27	2.519	111.82
45.9200	.00	1523.18	1523.72	.00	.27	2.518	111.82
45.9600	.00	1522.64	1523.18	.00	.27	2.517	111.82
46.0000	.00	1522.10	1522.64	.00	.27	2.516	111.82

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
46.0400	.00	1521.56	1522.10	.00	.27	2.515	111.82
46.0800	.00	1521.02	1521.56	.00	.27	2.514	111.82
46.1200	.00	1520.48	1521.02	.00	.27	2.514	111.82
46.1600	.00	1519.94	1520.48	.00	.27	2.513	111.82
46.2000	.00	1519.40	1519.94	.00	.27	2.512	111.82
46.2400	.00	1518.86	1519.40	.00	.27	2.511	111.82
46.2800	.00	1518.32	1518.86	.00	.27	2.510	111.82
46.3200	.00	1517.78	1518.32	.00	.27	2.509	111.81
46.3600	.00	1517.24	1517.78	.00	.27	2.508	111.81
46.4000	.00	1516.70	1517.24	.00	.27	2.507	111.81
46.4400	.00	1516.16	1516.70	.00	.27	2.506	111.81
46.4800	.00	1515.62	1516.16	.00	.27	2.506	111.81
46.5200	.00	1515.08	1515.62	.00	.27	2.505	111.81
46.5600	.00	1514.54	1515.08	.00	.27	2.504	111.81
46.6000	.00	1514.00	1514.54	.00	.27	2.503	111.81
46.6400	.00	1513.46	1514.00	.00	.27	2.502	111.81
46.6800	.00	1512.92	1513.46	.00	.27	2.501	111.81
46.7200	.00	1512.38	1512.92	.00	.27	2.500	111.81
46.7600	.00	1511.84	1512.38	.00	.27	2.499	111.81
46.8000	.00	1511.30	1511.84	.00	.27	2.498	111.80
46.8400	.00	1510.76	1511.30	.00	.27	2.498	111.80
46.8800	.00	1510.22	1510.76	.00	.27	2.497	111.80
46.9200	.00	1509.68	1510.22	.00	.27	2.496	111.80
46.9600	.00	1509.15	1509.68	.00	.27	2.495	111.80
47.0000	.00	1508.61	1509.15	.00	.27	2.494	111.80
47.0400	.00	1508.07	1508.61	.00	.27	2.493	111.80
47.0800	.00	1507.53	1508.07	.00	.27	2.492	111.80
47.1200	.00	1506.99	1507.53	.00	.27	2.491	111.80
47.1600	.00	1506.45	1506.99	.00	.27	2.490	111.80
47.2000	.00	1505.92	1506.45	.00	.27	2.490	111.80
47.2400	.00	1505.38	1505.92	.00	.27	2.489	111.79
47.2800	.00	1504.84	1505.38	.00	.27	2.488	111.79
47.3200	.00	1504.30	1504.84	.00	.27	2.487	111.79
47.3600	.00	1503.76	1504.30	.00	.27	2.486	111.79
47.4000	.00	1503.23	1503.76	.00	.27	2.485	111.79
47.4400	.00	1502.69	1503.23	.00	.27	2.484	111.79
47.4800	.00	1502.15	1502.69	.00	.27	2.483	111.79
47.5200	.00	1501.61	1502.15	.00	.27	2.482	111.79
47.5600	.00	1501.08	1501.61	.00	.27	2.482	111.79
47.6000	.00	1500.54	1501.08	.00	.27	2.481	111.79
47.6400	.00	1500.00	1500.54	.00	.27	2.480	111.79
47.6800	.00	1499.46	1500.00	.00	.27	2.479	111.79



LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
47.7200	.00	1498.93	1499.46	.00	.27	2.478	111.78
47.7600	.00	1498.39	1498.93	.00	.27	2.477	111.78
47.8000	.00	1497.85	1498.39	.00	.27	2.476	111.78
47.8400	.00	1497.32	1497.85	.00	.27	2.475	111.78
47.8800	.00	1496.78	1497.32	.00	.27	2.474	111.78
47.9200	.00	1496.24	1496.78	.00	.27	2.474	111.78
47.9600	.00	1495.71	1496.24	.00	.27	2.473	111.78
48.0000	.00	1495.17	1495.71	.00	.27	2.472	111.78
48.0400	.00	1494.63	1495.17	.00	.27	2.471	111.78
48.0800	.00	1494.10	1494.63	.00	.27	2.470	111.78
48.1200	.00	1493.56	1494.10	.00	.27	2.469	111.78
48.1600	.00	1493.03	1493.56	.00	.27	2.468	111.77
48.2000	.00	1492.49	1493.03	.00	.27	2.467	111.77
48.2400	.00	1491.95	1492.49	.00	.27	2.466	111.77
48.2800	.00	1491.42	1491.95	.00	.27	2.466	111.77
48.3200	.00	1490.88	1491.42	.00	.27	2.465	111.77
48.3600	.00	1490.35	1490.88	.00	.27	2.464	111.77
48.4000	.00	1489.81	1490.35	.00	.27	2.463	111.77
48.4400	.00	1489.28	1489.81	.00	.27	2.462	111.77
48.4800	.00	1488.74	1489.28	.00	.27	2.461	111.77
48.5200	.00	1488.21	1488.74	.00	.27	2.460	111.77
48.5600	.00	1487.67	1488.21	.00	.27	2.459	111.77
48.6000	.00	1487.14	1487.67	.00	.27	2.458	111.77
48.6400	.00	1486.60	1487.14	.00	.27	2.458	111.76
48.6800	.00	1486.07	1486.60	.00	.27	2.457	111.76
48.7200	.00	1485.53	1486.07	.00	.27	2.456	111.76
48.7600	.00	1485.00	1485.53	.00	.27	2.455	111.76
48.8000	.00	1484.46	1485.00	.00	.27	2.454	111.76
48.8400	.00	1483.93	1484.46	.00	.27	2.453	111.76
48.8800	.00	1483.39	1483.93	.00	.27	2.452	111.76
48.9200	.00	1482.86	1483.39	.00	.27	2.451	111.76
48.9600	.00	1482.32	1482.86	.00	.27	2.450	111.76
49.0000	.00	1481.79	1482.32	.00	.27	2.450	111.76
49.0400	.00	1481.26	1481.79	.00	.27	2.449	111.76
49.0800	.00	1480.72	1481.26	.00	.27	2.448	111.75
49.1200	.00	1480.19	1480.72	.00	.27	2.447	111.75
49.1600	.00	1479.65	1480.19	.00	.27	2.446	111.75
49.2000	.00	1479.12	1479.65	.00	.27	2.445	111.75
49.2400	.00	1478.59	1479.12	.00	.27	2.444	111.75
49.2800	.00	1478.05	1478.59	.00	.27	2.443	111.75
49.3200	.00	1477.52	1478.05	.00	.27	2.443	111.75
49.3600	.00	1476.99	1477.52	.00	.27	2.442	111.75

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
49.4000	.00	1476.45	1476.99	.00	.27	2.441	111.75
49.4400	.00	1475.92	1476.45	.00	.27	2.440	111.75
49.4800	.00	1475.39	1475.92	.00	.27	2.439	111.75
49.5200	.00	1474.85	1475.39	.00	.27	2.438	111.75
49.5600	.00	1474.32	1474.85	.00	.27	2.437	111.74
49.6000	.00	1473.79	1474.32	.00	.27	2.436	111.74
49.6400	.00	1473.25	1473.79	.00	.27	2.435	111.74
49.6800	.00	1472.72	1473.25	.00	.27	2.435	111.74
49.7200	.00	1472.19	1472.72	.00	.27	2.434	111.74
49.7600	.00	1471.66	1472.19	.00	.27	2.433	111.74
49.8000	.00	1471.12	1471.66	.00	.27	2.432	111.74
49.8400	.00	1470.59	1471.12	.00	.27	2.431	111.74
49.8800	.00	1470.06	1470.59	.00	.27	2.430	111.74
49.9200	.00	1469.53	1470.06	.00	.27	2.429	111.74
49.9600	.00	1468.99	1469.53	.00	.27	2.428	111.74
50.0000	.00	1468.46	1468.99	.00	.27	2.428	111.74
50.0400	.00	1467.93	1468.46	.00	.27	2.427	111.73
50.0800	.00	1467.40	1467.93	.00	.27	2.426	111.73
50.1200	.00	1466.87	1467.40	.00	.27	2.425	111.73
50.1600	.00	1466.34	1466.87	.00	.27	2.424	111.73
50.2000	.00	1465.80	1466.34	.00	.27	2.423	111.73
50.2400	.00	1465.27	1465.80	.00	.27	2.422	111.73
50.2800	.00	1464.74	1465.27	.00	.27	2.421	111.73
50.3200	.00	1464.21	1464.74	.00	.27	2.421	111.73
50.3600	.00	1463.68	1464.21	.00	.27	2.420	111.73
50.4000	.00	1463.15	1463.68	.00	.27	2.419	111.73
50.4400	.00	1462.62	1463.15	.00	.27	2.418	111.73
50.4800	.00	1462.08	1462.62	.00	.27	2.417	111.72
50.5200	.00	1461.55	1462.08	.00	.27	2.416	111.72
50.5600	.00	1461.02	1461.55	.00	.27	2.415	111.72
50.6000	.00	1460.49	1461.02	.00	.27	2.414	111.72
50.6400	.00	1459.96	1460.49	.00	.27	2.414	111.72
50.6800	.00	1459.43	1459.96	.00	.27	2.413	111.72
50.7200	.00	1458.90	1459.43	.00	.27	2.412	111.72
50.7600	.00	1458.37	1458.90	.00	.27	2.411	111.72
50.8000	.00	1457.84	1458.37	.00	.27	2.410	111.72
50.8400	.00	1457.31	1457.84	.00	.27	2.409	111.72
50.8800	.00	1456.78	1457.31	.00	.27	2.408	111.72
50.9200	.00	1456.25	1456.78	.00	.27	2.407	111.72
50.9600	.00	1455.72	1456.25	.00	.26	2.407	111.71
51.0000	.00	1455.19	1455.72	.00	.26	2.406	111.71
51.0400	.00	1454.66	1455.19	.00	.26	2.405	111.71

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
51.0800	.00	1454.13	1454.66	.00	.26	2.404	111.71
51.1200	.00	1453.60	1454.13	.00	.26	2.403	111.71
51.1600	.00	1453.07	1453.60	.00	.26	2.402	111.71
51.2000	.00	1452.54	1453.07	.00	.26	2.401	111.71
51.2400	.00	1452.01	1452.54	.00	.26	2.400	111.71
51.2800	.00	1451.48	1452.01	.00	.26	2.400	111.71
51.3200	.00	1450.95	1451.48	.00	.26	2.399	111.71
51.3600	.00	1450.42	1450.95	.00	.26	2.398	111.71
51.4000	.00	1449.90	1450.42	.00	.26	2.397	111.71
51.4400	.00	1449.37	1449.90	.00	.26	2.396	111.70
51.4800	.00	1448.84	1449.37	.00	.26	2.395	111.70
51.5200	.00	1448.31	1448.84	.00	.26	2.394	111.70
51.5600	.00	1447.78	1448.31	.00	.26	2.393	111.70
51.6000	.00	1447.25	1447.78	.00	.26	2.393	111.70
51.6400	.00	1446.72	1447.25	.00	.26	2.392	111.70
51.6800	.00	1446.19	1446.72	.00	.26	2.391	111.70
51.7200	.00	1445.67	1446.19	.00	.26	2.390	111.70
51.7600	.00	1445.14	1445.67	.00	.26	2.389	111.70
51.8000	.00	1444.61	1445.14	.00	.26	2.388	111.70
51.8400	.00	1444.08	1444.61	.00	.26	2.387	111.70
51.8800	.00	1443.55	1444.08	.00	.26	2.386	111.69
51.9200	.00	1443.03	1443.55	.00	.26	2.386	111.69
51.9600	.00	1442.50	1443.03	.00	.26	2.385	111.69
52.0000	.00	1441.97	1442.50	.00	.26	2.384	111.69
52.0400	.00	1441.44	1441.97	.00	.26	2.383	111.69
52.0800	.00	1440.92	1441.44	.00	.26	2.382	111.69
52.1200	.00	1440.39	1440.92	.00	.26	2.381	111.69
52.1600	.00	1439.86	1440.39	.00	.26	2.380	111.69
52.2000	.00	1439.33	1439.86	.00	.26	2.379	111.69
52.2400	.00	1438.81	1439.33	.00	.26	2.379	111.69
52.2800	.00	1438.28	1438.81	.00	.26	2.378	111.69
52.3200	.00	1437.75	1438.28	.00	.26	2.377	111.69
52.3600	.00	1437.23	1437.75	.00	.26	2.376	111.68
52.4000	.00	1436.70	1437.23	.00	.26	2.375	111.68
52.4400	.00	1436.17	1436.70	.00	.26	2.374	111.68
52.4800	.00	1435.65	1436.17	.00	.26	2.373	111.68
52.5200	.00	1435.12	1435.65	.00	.26	2.372	111.68
52.5600	.00	1434.59	1435.12	.00	.26	2.372	111.68
52.6000	.00	1434.07	1434.59	.00	.26	2.371	111.68
52.6400	.00	1433.54	1434.07	.00	.26	2.370	111.68
52.6800	.00	1433.01	1433.54	.00	.26	2.369	111.68
52.7200	.00	1432.49	1433.01	.00	.26	2.368	111.68

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
52.7600	.00	1431.96	1432.49	.00	.26	2.367	111.68
52.8000	.00	1431.43	1431.96	.00	.26	2.366	111.68
52.8400	.00	1430.91	1431.43	.00	.26	2.366	111.67
52.8800	.00	1430.38	1430.91	.00	.26	2.365	111.67
52.9200	.00	1429.86	1430.38	.00	.26	2.364	111.67
52.9600	.00	1429.33	1429.86	.00	.26	2.363	111.67
53.0000	.00	1428.81	1429.33	.00	.26	2.362	111.67
53.0400	.00	1428.28	1428.81	.00	.26	2.361	111.67
53.0800	.00	1427.76	1428.28	.00	.26	2.360	111.67
53.1200	.00	1427.23	1427.76	.00	.26	2.359	111.67
53.1600	.00	1426.71	1427.23	.00	.26	2.359	111.67
53.2000	.00	1426.18	1426.71	.00	.26	2.358	111.67
53.2400	.00	1425.66	1426.18	.00	.26	2.357	111.67
53.2800	.00	1425.13	1425.66	.00	.26	2.356	111.66
53.3200	.00	1424.61	1425.13	.00	.26	2.355	111.66
53.3600	.00	1424.08	1424.61	.00	.26	2.354	111.66
53.4000	.00	1423.56	1424.08	.00	.26	2.353	111.66
53.4400	.00	1423.03	1423.56	.00	.26	2.352	111.66
53.4800	.00	1422.51	1423.03	.00	.26	2.352	111.66
53.5200	.00	1421.98	1422.51	.00	.26	2.351	111.66
53.5600	.00	1421.46	1421.98	.00	.26	2.350	111.66
53.6000	.00	1420.93	1421.46	.00	.26	2.349	111.66
53.6400	.00	1420.41	1420.93	.00	.26	2.348	111.66
53.6800	.00	1419.89	1420.41	.00	.26	2.347	111.66
53.7200	.00	1419.36	1419.89	.00	.26	2.346	111.66
53.7600	.00	1418.84	1419.36	.00	.26	2.346	111.65
53.8000	.00	1418.31	1418.84	.00	.26	2.345	111.65
53.8400	.00	1417.79	1418.31	.00	.26	2.344	111.65
53.8800	.00	1417.27	1417.79	.00	.26	2.343	111.65
53.9200	.00	1416.74	1417.27	.00	.26	2.342	111.65
53.9600	.00	1416.22	1416.74	.00	.26	2.341	111.65
54.0000	.00	1415.70	1416.22	.00	.26	2.340	111.65
54.0400	.00	1415.17	1415.70	.00	.26	2.339	111.65
54.0800	.00	1414.65	1415.17	.00	.26	2.339	111.65
54.1200	.00	1414.13	1414.65	.00	.26	2.338	111.65
54.1600	.00	1413.61	1414.13	.00	.26	2.337	111.65
54.2000	.00	1413.08	1413.61	.00	.26	2.336	111.65
54.2400	.00	1412.56	1413.08	.00	.26	2.335	111.64
54.2800	.00	1412.04	1412.56	.00	.26	2.334	111.64
54.3200	.00	1411.51	1412.04	.00	.26	2.333	111.64
54.3600	.00	1410.99	1411.51	.00	.26	2.333	111.64
54.4000	.00	1410.47	1410.99	.00	.26	2.332	111.64

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
54.4400	.00	1409.95	1410.47	.00	.26	2.331	111.64
54.4800	.00	1409.42	1409.95	.00	.26	2.330	111.64
54.5200	.00	1408.90	1409.42	.00	.26	2.329	111.64
54.5600	.00	1408.38	1408.90	.00	.26	2.328	111.64
54.6000	.00	1407.86	1408.38	.00	.26	2.327	111.64
54.6400	.00	1407.34	1407.86	.00	.26	2.327	111.64
54.6800	.00	1406.81	1407.34	.00	.26	2.326	111.63
54.7200	.00	1406.29	1406.81	.00	.26	2.325	111.63
54.7600	.00	1405.77	1406.29	.00	.26	2.324	111.63
54.8000	.00	1405.25	1405.77	.00	.26	2.323	111.63
54.8400	.00	1404.73	1405.25	.00	.26	2.322	111.63
54.8800	.00	1404.21	1404.73	.00	.26	2.321	111.63
54.9200	.00	1403.69	1404.21	.00	.26	2.320	111.63
54.9600	.00	1403.16	1403.69	.00	.26	2.320	111.63
55.0000	.00	1402.64	1403.16	.00	.26	2.319	111.63
55.0400	.00	1402.12	1402.64	.00	.26	2.318	111.63
55.0800	.00	1401.60	1402.12	.00	.26	2.317	111.63
55.1200	.00	1401.08	1401.60	.00	.26	2.316	111.63
55.1600	.00	1400.56	1401.08	.00	.26	2.315	111.62
55.2000	.00	1400.04	1400.56	.00	.26	2.314	111.62
55.2400	.00	1399.52	1400.04	.00	.26	2.314	111.62
55.2800	.00	1399.00	1399.52	.00	.26	2.313	111.62
55.3200	.00	1398.48	1399.00	.00	.26	2.312	111.62
55.3600	.00	1397.96	1398.48	.00	.26	2.311	111.62
55.4000	.00	1397.44	1397.96	.00	.26	2.310	111.62
55.4400	.00	1396.92	1397.44	.00	.26	2.309	111.62
55.4800	.00	1396.40	1396.92	.00	.26	2.308	111.62
55.5200	.00	1395.88	1396.40	.00	.26	2.308	111.62
55.5600	.00	1395.36	1395.88	.00	.26	2.307	111.62
55.6000	.00	1394.84	1395.36	.00	.26	2.306	111.62
55.6400	.00	1394.32	1394.84	.00	.26	2.305	111.61
55.6800	.00	1393.80	1394.32	.00	.26	2.304	111.61
55.7200	.00	1393.28	1393.80	.00	.26	2.303	111.61
55.7600	.00	1392.76	1393.28	.00	.26	2.302	111.61
55.8000	.00	1392.24	1392.76	.00	.26	2.302	111.61
55.8400	.00	1391.72	1392.24	.00	.26	2.301	111.61
55.8800	.00	1391.20	1391.72	.00	.26	2.300	111.61
55.9200	.00	1390.68	1391.20	.00	.26	2.299	111.61
55.9600	.00	1390.16	1390.68	.00	.26	2.298	111.61
56.0000	.00	1389.64	1390.16	.00	.26	2.297	111.61
56.0400	.00	1389.12	1389.64	.00	.26	2.296	111.61
56.0800	.00	1388.61	1389.12	.00	.26	2.296	111.61

LEVEL POOL ROUTING CALCULATIONS

HYG Dir               = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
56.1200	.00	1388.09	1388.61	.00	.26	2.295	111.60
56.1600	.00	1387.57	1388.09	.00	.26	2.294	111.60
56.2000	.00	1387.05	1387.57	.00	.26	2.293	111.60
56.2400	.00	1386.53	1387.05	.00	.26	2.292	111.60
56.2800	.00	1386.01	1386.53	.00	.26	2.291	111.60
56.3200	.00	1385.49	1386.01	.00	.26	2.291	111.60
56.3600	.00	1384.98	1385.49	.00	.26	2.290	111.60
56.4000	.00	1384.46	1384.98	.00	.26	2.289	111.60
56.4400	.00	1383.94	1384.46	.00	.26	2.288	111.60
56.4800	.00	1383.42	1383.94	.00	.26	2.287	111.60
56.5200	.00	1382.90	1383.42	.00	.26	2.286	111.60
56.5600	.00	1382.39	1382.90	.00	.26	2.285	111.60
56.6000	.00	1381.87	1382.39	.00	.26	2.284	111.59
56.6400	.00	1381.35	1381.87	.00	.26	2.284	111.59
56.6800	.00	1380.83	1381.35	.00	.26	2.283	111.59
56.7200	.00	1380.32	1380.83	.00	.26	2.282	111.59
56.7600	.00	1379.80	1380.32	.00	.26	2.281	111.59
56.8000	.00	1379.28	1379.80	.00	.26	2.280	111.59
56.8400	.00	1378.77	1379.28	.00	.26	2.279	111.59
56.8800	.00	1378.25	1378.77	.00	.26	2.278	111.59
56.9200	.00	1377.73	1378.25	.00	.26	2.278	111.59
56.9600	.00	1377.21	1377.73	.00	.26	2.277	111.59
57.0000	.00	1376.70	1377.21	.00	.26	2.276	111.59
57.0400	.00	1376.18	1376.70	.00	.26	2.275	111.58
57.0800	.00	1375.66	1376.18	.00	.26	2.274	111.58
57.1200	.00	1375.15	1375.66	.00	.26	2.273	111.58
57.1600	.00	1374.63	1375.15	.00	.26	2.272	111.58
57.2000	.00	1374.12	1374.63	.00	.26	2.272	111.58
57.2400	.00	1373.60	1374.12	.00	.26	2.271	111.58
57.2800	.00	1373.08	1373.60	.00	.26	2.270	111.58
57.3200	.00	1372.57	1373.08	.00	.26	2.269	111.58
57.3600	.00	1372.05	1372.57	.00	.26	2.268	111.58
57.4000	.00	1371.54	1372.05	.00	.26	2.267	111.58
57.4400	.00	1371.02	1371.54	.00	.26	2.267	111.58
57.4800	.00	1370.50	1371.02	.00	.26	2.266	111.58
57.5200	.00	1369.99	1370.50	.00	.26	2.265	111.57
57.5600	.00	1369.47	1369.99	.00	.26	2.264	111.57
57.6000	.00	1368.96	1369.47	.00	.26	2.263	111.57
57.6400	.00	1368.44	1368.96	.00	.26	2.262	111.57
57.6800	.00	1367.93	1368.44	.00	.26	2.261	111.57
57.7200	.00	1367.41	1367.93	.00	.26	2.261	111.57
57.7600	.00	1366.90	1367.41	.00	.26	2.260	111.57

LEVEL POOL ROUTING CALCULATIONS

HYG Dir               = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
57.8000	.00	1366.38	1366.90	.00	.26	2.259	111.57
57.8400	.00	1365.87	1366.38	.00	.26	2.258	111.57
57.8800	.00	1365.35	1365.87	.00	.26	2.257	111.57
57.9200	.00	1364.84	1365.35	.00	.26	2.256	111.57
57.9600	.00	1364.32	1364.84	.00	.26	2.255	111.57
58.0000	.00	1363.81	1364.32	.00	.26	2.255	111.56
58.0400	.00	1363.29	1363.81	.00	.26	2.254	111.56
58.0800	.00	1362.78	1363.29	.00	.26	2.253	111.56
58.1200	.00	1362.27	1362.78	.00	.26	2.252	111.56
58.1600	.00	1361.75	1362.27	.00	.26	2.251	111.56
58.2000	.00	1361.24	1361.75	.00	.26	2.250	111.56
58.2400	.00	1360.72	1361.24	.00	.26	2.249	111.56
58.2800	.00	1360.21	1360.72	.00	.26	2.249	111.56
58.3200	.00	1359.70	1360.21	.00	.26	2.248	111.56
58.3600	.00	1359.18	1359.70	.00	.26	2.247	111.56
58.4000	.00	1358.67	1359.18	.00	.26	2.246	111.56
58.4400	.00	1358.15	1358.67	.00	.26	2.245	111.56
58.4800	.00	1357.64	1358.15	.00	.26	2.244	111.55
58.5200	.00	1357.13	1357.64	.00	.26	2.244	111.55
58.5600	.00	1356.61	1357.13	.00	.26	2.243	111.55
58.6000	.00	1356.10	1356.61	.00	.26	2.242	111.55
58.6400	.00	1355.59	1356.10	.00	.26	2.241	111.55
58.6800	.00	1355.07	1355.59	.00	.26	2.240	111.55
58.7200	.00	1354.56	1355.07	.00	.26	2.239	111.55
58.7600	.00	1354.05	1354.56	.00	.26	2.238	111.55
58.8000	.00	1353.54	1354.05	.00	.26	2.238	111.55
58.8400	.00	1353.02	1353.54	.00	.26	2.237	111.55
58.8800	.00	1352.51	1353.02	.00	.26	2.236	111.55
58.9200	.00	1352.00	1352.51	.00	.26	2.235	111.55
58.9600	.00	1351.49	1352.00	.00	.26	2.234	111.54
59.0000	.00	1350.97	1351.49	.00	.26	2.233	111.54
59.0400	.00	1350.46	1350.97	.00	.26	2.233	111.54
59.0800	.00	1349.95	1350.46	.00	.26	2.232	111.54
59.1200	.00	1349.44	1349.95	.00	.26	2.231	111.54
59.1600	.00	1348.93	1349.44	.00	.26	2.230	111.54
59.2000	.00	1348.41	1348.93	.00	.26	2.229	111.54
59.2400	.00	1347.90	1348.41	.00	.26	2.228	111.54
59.2800	.00	1347.39	1347.90	.00	.26	2.227	111.54
59.3200	.00	1346.88	1347.39	.00	.26	2.227	111.54
59.3600	.00	1346.37	1346.88	.00	.26	2.226	111.54
59.4000	.00	1345.86	1346.37	.00	.26	2.225	111.54
59.4400	.00	1345.34	1345.86	.00	.26	2.224	111.53

LEVEL POOL ROUTING CALCULATIONS

HYG Dir           = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
59.4800	.00	1344.83	1345.34	.00	.26	2.223	111.53
59.5200	.00	1344.32	1344.83	.00	.26	2.222	111.53
59.5600	.00	1343.81	1344.32	.00	.26	2.222	111.53
59.6000	.00	1343.30	1343.81	.00	.26	2.221	111.53
59.6400	.00	1342.79	1343.30	.00	.26	2.220	111.53
59.6800	.00	1342.28	1342.79	.00	.26	2.219	111.53
59.7200	.00	1341.77	1342.28	.00	.26	2.218	111.53
59.7600	.00	1341.26	1341.77	.00	.26	2.217	111.53
59.8000	.00	1340.75	1341.26	.00	.26	2.216	111.53
59.8400	.00	1340.24	1340.75	.00	.26	2.216	111.53
59.8800	.00	1339.72	1340.24	.00	.26	2.215	111.53
59.9200	.00	1339.21	1339.72	.00	.26	2.214	111.52
59.9600	.00	1338.70	1339.21	.00	.26	2.213	111.52
60.0000	.00	1338.19	1338.70	.00	.26	2.212	111.52
60.0400	.00	1337.68	1338.19	.00	.26	2.211	111.52
60.0800	.00	1337.17	1337.68	.00	.25	2.211	111.52
60.1200	.00	1336.66	1337.17	.00	.25	2.210	111.52
60.1600	.00	1336.15	1336.66	.00	.25	2.209	111.52
60.2000	.00	1335.65	1336.15	.00	.25	2.208	111.52
60.2400	.00	1335.14	1335.65	.00	.25	2.207	111.52
60.2800	.00	1334.63	1335.14	.00	.25	2.206	111.52
60.3200	.00	1334.12	1334.63	.00	.25	2.206	111.52
60.3600	.00	1333.61	1334.12	.00	.25	2.205	111.52
60.4000	.00	1333.10	1333.61	.00	.25	2.204	111.51
60.4400	.00	1332.59	1333.10	.00	.25	2.203	111.51
60.4800	.00	1332.08	1332.59	.00	.25	2.202	111.51
60.5200	.00	1331.57	1332.08	.00	.25	2.201	111.51
60.5600	.00	1331.06	1331.57	.00	.25	2.200	111.51
60.6000	.00	1330.55	1331.06	.00	.25	2.200	111.51
60.6400	.00	1330.04	1330.55	.00	.25	2.199	111.51
60.6800	.00	1329.54	1330.04	.00	.25	2.198	111.51
60.7200	.00	1329.03	1329.54	.00	.25	2.197	111.51
60.7600	.00	1328.52	1329.03	.00	.25	2.196	111.51
60.8000	.00	1328.01	1328.52	.00	.25	2.195	111.51
60.8400	.00	1327.50	1328.01	.00	.25	2.195	111.51
60.8800	.00	1326.99	1327.50	.00	.25	2.194	111.50
60.9200	.00	1326.49	1326.99	.00	.25	2.193	111.50
60.9600	.00	1325.98	1326.49	.00	.25	2.192	111.50
61.0000	.00	1325.47	1325.98	.00	.25	2.191	111.50
61.0400	.00	1324.96	1325.47	.00	.25	2.190	111.50
61.0800	.00	1324.45	1324.96	.00	.25	2.190	111.50
61.1200	.00	1323.95	1324.45	.00	.25	2.189	111.50



LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
61.1600	.00	1323.44	1323.95	.00	.25	2.188	111.50
61.2000	.00	1322.93	1323.44	.00	.25	2.187	111.50
61.2400	.00	1322.42	1322.93	.00	.25	2.186	111.50
61.2800	.00	1321.92	1322.42	.00	.25	2.185	111.50
61.3200	.00	1321.41	1321.92	.00	.25	2.185	111.50
61.3600	.00	1320.90	1321.41	.00	.25	2.184	111.49
61.4000	.00	1320.40	1320.90	.00	.25	2.183	111.49
61.4400	.00	1319.89	1320.40	.00	.25	2.182	111.49
61.4800	.00	1319.38	1319.89	.00	.25	2.181	111.49
61.5200	.00	1318.87	1319.38	.00	.25	2.180	111.49
61.5600	.00	1318.37	1318.87	.00	.25	2.180	111.49
61.6000	.00	1317.86	1318.37	.00	.25	2.179	111.49
61.6400	.00	1317.35	1317.86	.00	.25	2.178	111.49
61.6800	.00	1316.85	1317.35	.00	.25	2.177	111.49
61.7200	.00	1316.34	1316.85	.00	.25	2.176	111.49
61.7600	.00	1315.84	1316.34	.00	.25	2.175	111.49
61.8000	.00	1315.33	1315.84	.00	.25	2.174	111.49
61.8400	.00	1314.82	1315.33	.00	.25	2.174	111.48
61.8800	.00	1314.32	1314.82	.00	.25	2.173	111.48
61.9200	.00	1313.81	1314.32	.00	.25	2.172	111.48
61.9600	.00	1313.31	1313.81	.00	.25	2.171	111.48
62.0000	.00	1312.80	1313.31	.00	.25	2.170	111.48
62.0400	.00	1312.29	1312.80	.00	.25	2.169	111.48
62.0800	.00	1311.79	1312.29	.00	.25	2.169	111.48
62.1200	.00	1311.28	1311.79	.00	.25	2.168	111.48
62.1600	.00	1310.78	1311.28	.00	.25	2.167	111.48
62.2000	.00	1310.27	1310.78	.00	.25	2.166	111.48
62.2400	.00	1309.77	1310.27	.00	.25	2.165	111.48
62.2800	.00	1309.26	1309.77	.00	.25	2.164	111.48
62.3200	.00	1308.76	1309.26	.00	.25	2.164	111.47
62.3600	.00	1308.25	1308.76	.00	.25	2.163	111.47
62.4000	.00	1307.75	1308.25	.00	.25	2.162	111.47
62.4400	.00	1307.24	1307.75	.00	.25	2.161	111.47
62.4800	.00	1306.74	1307.24	.00	.25	2.160	111.47
62.5200	.00	1306.23	1306.74	.00	.25	2.159	111.47
62.5600	.00	1305.73	1306.23	.00	.25	2.159	111.47
62.6000	.00	1305.23	1305.73	.00	.25	2.158	111.47
62.6400	.00	1304.72	1305.23	.00	.25	2.157	111.47
62.6800	.00	1304.22	1304.72	.00	.25	2.156	111.47
62.7200	.00	1303.71	1304.22	.00	.25	2.155	111.47
62.7600	.00	1303.21	1303.71	.00	.25	2.154	111.47
62.8000	.00	1302.71	1303.21	.00	.25	2.154	111.46

LEVEL POOL ROUTING CALCULATIONS

HYG Dir           = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
62.8400	.00	1302.20	1302.71	.00	.25	2.153	111.46
62.8800	.00	1301.70	1302.20	.00	.25	2.152	111.46
62.9200	.00	1301.19	1301.70	.00	.25	2.151	111.46
62.9600	.00	1300.69	1301.19	.00	.25	2.150	111.46
63.0000	.00	1300.19	1300.69	.00	.25	2.149	111.46
63.0400	.00	1299.68	1300.19	.00	.25	2.149	111.46
63.0800	.00	1299.18	1299.68	.00	.25	2.148	111.46
63.1200	.00	1298.68	1299.18	.00	.25	2.147	111.46
63.1600	.00	1298.17	1298.68	.00	.25	2.146	111.46
63.2000	.00	1297.67	1298.17	.00	.25	2.145	111.46
63.2400	.00	1297.17	1297.67	.00	.25	2.144	111.46
63.2800	.00	1296.67	1297.17	.00	.25	2.144	111.45
63.3200	.00	1296.16	1296.67	.00	.25	2.143	111.45
63.3600	.00	1295.66	1296.16	.00	.25	2.142	111.45
63.4000	.00	1295.16	1295.66	.00	.25	2.141	111.45
63.4400	.00	1294.65	1295.16	.00	.25	2.140	111.45
63.4800	.00	1294.15	1294.65	.00	.25	2.139	111.45
63.5200	.00	1293.65	1294.15	.00	.25	2.139	111.45
63.5600	.00	1293.15	1293.65	.00	.25	2.138	111.45
63.6000	.00	1292.65	1293.15	.00	.25	2.137	111.45
63.6400	.00	1292.14	1292.65	.00	.25	2.136	111.45
63.6800	.00	1291.64	1292.14	.00	.25	2.135	111.45
63.7200	.00	1291.14	1291.64	.00	.25	2.134	111.45
63.7600	.00	1290.64	1291.14	.00	.25	2.134	111.44
63.8000	.00	1290.14	1290.64	.00	.25	2.133	111.44
63.8400	.00	1289.63	1290.14	.00	.25	2.132	111.44
63.8800	.00	1289.13	1289.63	.00	.25	2.131	111.44
63.9200	.00	1288.63	1289.13	.00	.25	2.130	111.44
63.9600	.00	1288.13	1288.63	.00	.25	2.129	111.44
64.0000	.00	1287.63	1288.13	.00	.25	2.129	111.44
64.0400	.00	1287.13	1287.63	.00	.25	2.128	111.44
64.0800	.00	1286.63	1287.13	.00	.25	2.127	111.44
64.1200	.00	1286.13	1286.63	.00	.25	2.126	111.44
64.1600	.00	1285.63	1286.13	.00	.25	2.125	111.44
64.2000	.00	1285.12	1285.63	.00	.25	2.124	111.44
64.2400	.00	1284.62	1285.12	.00	.25	2.124	111.43
64.2800	.00	1284.12	1284.62	.00	.25	2.123	111.43
64.3200	.00	1283.62	1284.12	.00	.25	2.122	111.43
64.3600	.00	1283.12	1283.62	.00	.25	2.121	111.43
64.4000	.00	1282.62	1283.12	.00	.25	2.120	111.43
64.4400	.00	1282.12	1282.62	.00	.25	2.120	111.43
64.4800	.00	1281.62	1282.12	.00	.25	2.119	111.43

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
64.5200	.00	1281.12	1281.62	.00	.25	2.118	111.43
64.5600	.00	1280.62	1281.12	.00	.25	2.117	111.43
64.6000	.00	1280.12	1280.62	.00	.25	2.116	111.43
64.6400	.00	1279.62	1280.12	.00	.25	2.115	111.43
64.6800	.00	1279.12	1279.62	.00	.25	2.115	111.43
64.7200	.00	1278.62	1279.12	.00	.25	2.114	111.42
64.7600	.00	1278.12	1278.62	.00	.25	2.113	111.42
64.8000	.00	1277.62	1278.12	.00	.25	2.112	111.42
64.8400	.00	1277.12	1277.62	.00	.25	2.111	111.42
64.8800	.00	1276.62	1277.12	.00	.25	2.110	111.42
64.9200	.00	1276.13	1276.62	.00	.25	2.110	111.42
64.9600	.00	1275.63	1276.13	.00	.25	2.109	111.42
65.0000	.00	1275.13	1275.63	.00	.25	2.108	111.42
65.0400	.00	1274.63	1275.13	.00	.25	2.107	111.42
65.0800	.00	1274.13	1274.63	.00	.25	2.106	111.42
65.1200	.00	1273.63	1274.13	.00	.25	2.106	111.42
65.1600	.00	1273.13	1273.63	.00	.25	2.105	111.42
65.2000	.00	1272.63	1273.13	.00	.25	2.104	111.41
65.2400	.00	1272.13	1272.63	.00	.25	2.103	111.41
65.2800	.00	1271.64	1272.13	.00	.25	2.102	111.41
65.3200	.00	1271.14	1271.64	.00	.25	2.101	111.41
65.3600	.00	1270.64	1271.14	.00	.25	2.101	111.41
65.4000	.00	1270.14	1270.64	.00	.25	2.100	111.41
65.4400	.00	1269.64	1270.14	.00	.25	2.099	111.41
65.4800	.00	1269.15	1269.64	.00	.25	2.098	111.41
65.5200	.00	1268.65	1269.15	.00	.25	2.097	111.41
65.5600	.00	1268.15	1268.65	.00	.25	2.096	111.41
65.6000	.00	1267.65	1268.15	.00	.25	2.096	111.41
65.6400	.00	1267.15	1267.65	.00	.25	2.095	111.41
65.6800	.00	1266.66	1267.15	.00	.25	2.094	111.40
65.7200	.00	1266.16	1266.66	.00	.25	2.093	111.40
65.7600	.00	1265.66	1266.16	.00	.25	2.092	111.40
65.8000	.00	1265.16	1265.66	.00	.25	2.092	111.40
65.8400	.00	1264.67	1265.16	.00	.25	2.091	111.40
65.8800	.00	1264.17	1264.67	.00	.25	2.090	111.40
65.9200	.00	1263.67	1264.17	.00	.25	2.089	111.40
65.9600	.00	1263.18	1263.67	.00	.25	2.088	111.40
66.0000	.00	1262.68	1263.18	.00	.25	2.087	111.40
66.0400	.00	1262.18	1262.68	.00	.25	2.087	111.40
66.0800	.00	1261.69	1262.18	.00	.25	2.086	111.40
66.1200	.00	1261.19	1261.69	.00	.25	2.085	111.40
66.1600	.00	1260.69	1261.19	.00	.25	2.084	111.39

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
66.2000	.00	1260.20	1260.69	.00	.25	2.083	111.39
66.2400	.00	1259.70	1260.20	.00	.25	2.083	111.39
66.2800	.00	1259.20	1259.70	.00	.25	2.082	111.39
66.3200	.00	1258.71	1259.20	.00	.25	2.081	111.39
66.3600	.00	1258.21	1258.71	.00	.25	2.080	111.39
66.4000	.00	1257.72	1258.21	.00	.25	2.079	111.39
66.4400	.00	1257.22	1257.72	.00	.25	2.078	111.39
66.4800	.00	1256.72	1257.22	.00	.25	2.078	111.39
66.5200	.00	1256.23	1256.72	.00	.25	2.077	111.39
66.5600	.00	1255.73	1256.23	.00	.25	2.076	111.39
66.6000	.00	1255.24	1255.73	.00	.25	2.075	111.39
66.6400	.00	1254.74	1255.24	.00	.25	2.074	111.38
66.6800	.00	1254.25	1254.74	.00	.25	2.073	111.38
66.7200	.00	1253.75	1254.25	.00	.25	2.073	111.38
66.7600	.00	1253.26	1253.75	.00	.25	2.072	111.38
66.8000	.00	1252.76	1253.26	.00	.25	2.071	111.38
66.8400	.00	1252.27	1252.76	.00	.25	2.070	111.38
66.8800	.00	1251.77	1252.27	.00	.25	2.069	111.38
66.9200	.00	1251.28	1251.77	.00	.25	2.069	111.38
66.9600	.00	1250.78	1251.28	.00	.25	2.068	111.38
67.0000	.00	1250.29	1250.78	.00	.25	2.067	111.38
67.0400	.00	1249.79	1250.29	.00	.25	2.066	111.38
67.0800	.00	1249.30	1249.79	.00	.25	2.065	111.38
67.1200	.00	1248.81	1249.30	.00	.25	2.064	111.38
67.1600	.00	1248.31	1248.81	.00	.25	2.064	111.37
67.2000	.00	1247.82	1248.31	.00	.25	2.063	111.37
67.2400	.00	1247.32	1247.82	.00	.25	2.062	111.37
67.2800	.00	1246.83	1247.32	.00	.25	2.061	111.37
67.3200	.00	1246.33	1246.83	.00	.25	2.060	111.37
67.3600	.00	1245.84	1246.33	.00	.25	2.060	111.37
67.4000	.00	1245.35	1245.84	.00	.25	2.059	111.37
67.4400	.00	1244.85	1245.35	.00	.25	2.058	111.37
67.4800	.00	1244.36	1244.85	.00	.25	2.057	111.37
67.5200	.00	1243.87	1244.36	.00	.25	2.056	111.37
67.5600	.00	1243.37	1243.87	.00	.25	2.055	111.37
67.6000	.00	1242.88	1243.37	.00	.25	2.055	111.37
67.6400	.00	1242.39	1242.88	.00	.25	2.054	111.36
67.6800	.00	1241.89	1242.39	.00	.25	2.053	111.36
67.7200	.00	1241.40	1241.89	.00	.25	2.052	111.36
67.7600	.00	1240.91	1241.40	.00	.25	2.051	111.36
67.8000	.00	1240.42	1240.91	.00	.25	2.051	111.36
67.8400	.00	1239.92	1240.42	.00	.25	2.050	111.36

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
67.8800	.00	1239.43	1239.92	.00	.25	2.049	111.36
67.9200	.00	1238.94	1239.43	.00	.25	2.048	111.36
67.9600	.00	1238.45	1238.94	.00	.25	2.047	111.36
68.0000	.00	1237.95	1238.45	.00	.25	2.047	111.36
68.0400	.00	1237.46	1237.95	.00	.25	2.046	111.36
68.0800	.00	1236.97	1237.46	.00	.25	2.045	111.36
68.1200	.00	1236.48	1236.97	.00	.25	2.044	111.35
68.1600	.00	1235.98	1236.48	.00	.25	2.043	111.35
68.2000	.00	1235.49	1235.98	.00	.25	2.042	111.35
68.2400	.00	1235.00	1235.49	.00	.25	2.042	111.35
68.2800	.00	1234.51	1235.00	.00	.25	2.041	111.35
68.3200	.00	1234.02	1234.51	.00	.25	2.040	111.35
68.3600	.00	1233.53	1234.02	.00	.25	2.039	111.35
68.4000	.00	1233.03	1233.53	.00	.25	2.038	111.35
68.4400	.00	1232.54	1233.03	.00	.25	2.038	111.35
68.4800	.00	1232.05	1232.54	.00	.25	2.037	111.35
68.5200	.00	1231.56	1232.05	.00	.25	2.036	111.35
68.5600	.00	1231.07	1231.56	.00	.25	2.035	111.35
68.6000	.00	1230.58	1231.07	.00	.25	2.034	111.34
68.6400	.00	1230.09	1230.58	.00	.25	2.034	111.34
68.6800	.00	1229.60	1230.09	.00	.25	2.033	111.34
68.7200	.00	1229.11	1229.60	.00	.25	2.032	111.34
68.7600	.00	1228.62	1229.11	.00	.25	2.031	111.34
68.8000	.00	1228.13	1228.62	.00	.25	2.030	111.34
68.8400	.00	1227.64	1228.13	.00	.25	2.029	111.34
68.8800	.00	1227.14	1227.64	.00	.25	2.029	111.34
68.9200	.00	1226.65	1227.14	.00	.25	2.028	111.34
68.9600	.00	1226.16	1226.65	.00	.25	2.027	111.34
69.0000	.00	1225.67	1226.16	.00	.25	2.026	111.34
69.0400	.00	1225.18	1225.67	.00	.24	2.025	111.34
69.0800	.00	1224.69	1225.18	.00	.24	2.025	111.33
69.1200	.00	1224.20	1224.69	.00	.24	2.024	111.33
69.1600	.00	1223.71	1224.20	.00	.24	2.023	111.33
69.2000	.00	1223.23	1223.71	.00	.24	2.022	111.33
69.2400	.00	1222.74	1223.23	.00	.24	2.021	111.33
69.2800	.00	1222.25	1222.74	.00	.24	2.021	111.33
69.3200	.00	1221.76	1222.25	.00	.24	2.020	111.33
69.3600	.00	1221.27	1221.76	.00	.24	2.019	111.33
69.4000	.00	1220.78	1221.27	.00	.24	2.018	111.33
69.4400	.00	1220.29	1220.78	.00	.24	2.017	111.33
69.4800	.00	1219.80	1220.29	.00	.24	2.017	111.33
69.5200	.00	1219.31	1219.80	.00	.24	2.016	111.33

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
69.5600	.00	1218.82	1219.31	.00	.24	2.015	111.33
69.6000	.00	1218.33	1218.82	.00	.24	2.014	111.32
69.6400	.00	1217.84	1218.33	.00	.24	2.013	111.32
69.6800	.00	1217.36	1217.84	.00	.24	2.013	111.32
69.7200	.00	1216.87	1217.36	.00	.24	2.012	111.32
69.7600	.00	1216.38	1216.87	.00	.24	2.011	111.32
69.8000	.00	1215.89	1216.38	.00	.24	2.010	111.32
69.8400	.00	1215.40	1215.89	.00	.24	2.009	111.32
69.8800	.00	1214.91	1215.40	.00	.24	2.008	111.32
69.9200	.00	1214.43	1214.91	.00	.24	2.008	111.32
69.9600	.00	1213.94	1214.43	.00	.24	2.007	111.32
70.0000	.00	1213.45	1213.94	.00	.24	2.006	111.32
70.0400	.00	1212.96	1213.45	.00	.24	2.005	111.32
70.0800	.00	1212.48	1212.96	.00	.24	2.004	111.31
70.1200	.00	1211.99	1212.48	.00	.24	2.004	111.31
70.1600	.00	1211.50	1211.99	.00	.24	2.003	111.31
70.2000	.00	1211.01	1211.50	.00	.24	2.002	111.31
70.2400	.00	1210.53	1211.01	.00	.24	2.001	111.31
70.2800	.00	1210.04	1210.53	.00	.24	2.000	111.31
70.3200	.00	1209.55	1210.04	.00	.24	2.000	111.31
70.3600	.00	1209.06	1209.55	.00	.24	1.999	111.31
70.4000	.00	1208.58	1209.06	.00	.24	1.998	111.31
70.4400	.00	1208.09	1208.58	.00	.24	1.997	111.31
70.4800	.00	1207.60	1208.09	.00	.24	1.996	111.31
70.5200	.00	1207.12	1207.60	.00	.24	1.996	111.31
70.5600	.00	1206.63	1207.12	.00	.24	1.995	111.30
70.6000	.00	1206.14	1206.63	.00	.24	1.994	111.30
70.6400	.00	1205.66	1206.14	.00	.24	1.993	111.30
70.6800	.00	1205.17	1205.66	.00	.24	1.992	111.30
70.7200	.00	1204.68	1205.17	.00	.24	1.992	111.30
70.7600	.00	1204.20	1204.68	.00	.24	1.991	111.30
70.8000	.00	1203.71	1204.20	.00	.24	1.990	111.30
70.8400	.00	1203.23	1203.71	.00	.24	1.989	111.30
70.8800	.00	1202.74	1203.23	.00	.24	1.988	111.30
70.9200	.00	1202.25	1202.74	.00	.24	1.988	111.30
70.9600	.00	1201.77	1202.25	.00	.24	1.987	111.30
71.0000	.00	1201.28	1201.77	.00	.24	1.986	111.30
71.0400	.00	1200.80	1201.28	.00	.24	1.985	111.30
71.0800	.00	1200.31	1200.80	.00	.24	1.984	111.29
71.1200	.00	1199.83	1200.31	.00	.24	1.984	111.29
71.1600	.00	1199.34	1199.83	.00	.24	1.983	111.29
71.2000	.00	1198.86	1199.34	.00	.24	1.982	111.29

LEVEL POOL ROUTING CALCULATIONS

HYG Dir           = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
71.2400	.00	1198.37	1198.86	.00	.24	1.981	111.29
71.2800	.00	1197.89	1198.37	.00	.24	1.980	111.29
71.3200	.00	1197.40	1197.89	.00	.24	1.980	111.29
71.3600	.00	1196.92	1197.40	.00	.24	1.979	111.29
71.4000	.00	1196.43	1196.92	.00	.24	1.978	111.29
71.4400	.00	1195.95	1196.43	.00	.24	1.977	111.29
71.4800	.00	1195.46	1195.95	.00	.24	1.976	111.29
71.5200	.00	1194.98	1195.46	.00	.24	1.976	111.29
71.5600	.00	1194.49	1194.98	.00	.24	1.975	111.28
71.6000	.00	1194.01	1194.49	.00	.24	1.974	111.28
71.6400	.00	1193.53	1194.01	.00	.24	1.973	111.28
71.6800	.00	1193.04	1193.53	.00	.24	1.972	111.28
71.7200	.00	1192.56	1193.04	.00	.24	1.972	111.28
71.7600	.00	1192.07	1192.56	.00	.24	1.971	111.28
71.8000	.00	1191.59	1192.07	.00	.24	1.970	111.28
71.8400	.00	1191.11	1191.59	.00	.24	1.969	111.28
71.8800	.00	1190.62	1191.11	.00	.24	1.968	111.28
71.9200	.00	1190.14	1190.62	.00	.24	1.968	111.28
71.9600	.00	1189.66	1190.14	.00	.24	1.967	111.28
72.0000	.00	1189.17	1189.66	.00	.24	1.966	111.28
72.0400	.00	1188.69	1189.17	.00	.24	1.965	111.27
72.0800	.00	1188.21	1188.69	.00	.24	1.964	111.27
72.1200	.00	1187.72	1188.21	.00	.24	1.964	111.27
72.1600	.00	1187.24	1187.72	.00	.24	1.963	111.27
72.2000	.00	1186.76	1187.24	.00	.24	1.962	111.27
72.2400	.00	1186.27	1186.76	.00	.24	1.961	111.27
72.2800	.00	1185.79	1186.27	.00	.24	1.960	111.27
72.3200	.00	1185.31	1185.79	.00	.24	1.960	111.27
72.3600	.00	1184.83	1185.31	.00	.24	1.959	111.27
72.4000	.00	1184.34	1184.83	.00	.24	1.958	111.27
72.4400	.00	1183.86	1184.34	.00	.24	1.957	111.27
72.4800	.00	1183.38	1183.86	.00	.24	1.956	111.27
72.5200	.00	1182.90	1183.38	.00	.24	1.956	111.27
72.5600	.00	1182.41	1182.90	.00	.24	1.955	111.26
72.6000	.00	1181.93	1182.41	.00	.24	1.954	111.26
72.6400	.00	1181.45	1181.93	.00	.24	1.953	111.26
72.6800	.00	1180.97	1181.45	.00	.24	1.952	111.26
72.7200	.00	1180.49	1180.97	.00	.24	1.952	111.26
72.7600	.00	1180.01	1180.49	.00	.24	1.951	111.26
72.8000	.00	1179.52	1180.01	.00	.24	1.950	111.26
72.8400	.00	1179.04	1179.52	.00	.24	1.949	111.26
72.8800	.00	1178.56	1179.04	.00	.24	1.948	111.26

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
72.9200	.00	1178.08	1178.56	.00	.24	1.948	111.26
72.9600	.00	1177.60	1178.08	.00	.24	1.947	111.26
73.0000	.00	1177.12	1177.60	.00	.24	1.946	111.26
73.0400	.00	1176.64	1177.12	.00	.24	1.945	111.25
73.0800	.00	1176.16	1176.64	.00	.24	1.944	111.25
73.1200	.00	1175.67	1176.16	.00	.24	1.944	111.25
73.1600	.00	1175.19	1175.67	.00	.24	1.943	111.25
73.2000	.00	1174.71	1175.19	.00	.24	1.942	111.25
73.2400	.00	1174.23	1174.71	.00	.24	1.941	111.25
73.2800	.00	1173.75	1174.23	.00	.24	1.940	111.25
73.3200	.00	1173.27	1173.75	.00	.24	1.940	111.25
73.3600	.00	1172.79	1173.27	.00	.24	1.939	111.25
73.4000	.00	1172.31	1172.79	.00	.24	1.938	111.25
73.4400	.00	1171.83	1172.31	.00	.24	1.937	111.25
73.4800	.00	1171.35	1171.83	.00	.24	1.936	111.25
73.5200	.00	1170.87	1171.35	.00	.24	1.936	111.24
73.5600	.00	1170.39	1170.87	.00	.24	1.935	111.24
73.6000	.00	1169.91	1170.39	.00	.24	1.934	111.24
73.6400	.00	1169.43	1169.91	.00	.24	1.933	111.24
73.6800	.00	1168.95	1169.43	.00	.24	1.932	111.24
73.7200	.00	1168.47	1168.95	.00	.24	1.932	111.24
73.7600	.00	1167.99	1168.47	.00	.24	1.931	111.24
73.8000	.00	1167.51	1167.99	.00	.24	1.930	111.24
73.8400	.00	1167.04	1167.51	.00	.24	1.929	111.24
73.8800	.00	1166.56	1167.04	.00	.24	1.929	111.24
73.9200	.00	1166.08	1166.56	.00	.24	1.928	111.24
73.9600	.00	1165.60	1166.08	.00	.24	1.927	111.24
74.0000	.00	1165.12	1165.60	.00	.24	1.926	111.24
74.0400	.00	1164.64	1165.12	.00	.24	1.925	111.23
74.0800	.00	1164.16	1164.64	.00	.24	1.925	111.23
74.1200	.00	1163.68	1164.16	.00	.24	1.924	111.23
74.1600	.00	1163.21	1163.68	.00	.24	1.923	111.23
74.2000	.00	1162.73	1163.21	.00	.24	1.922	111.23
74.2400	.00	1162.25	1162.73	.00	.24	1.921	111.23
74.2800	.00	1161.77	1162.25	.00	.24	1.921	111.23
74.3200	.00	1161.29	1161.77	.00	.24	1.920	111.23
74.3600	.00	1160.81	1161.29	.00	.24	1.919	111.23
74.4000	.00	1160.34	1160.81	.00	.24	1.918	111.23
74.4400	.00	1159.86	1160.34	.00	.24	1.917	111.23
74.4800	.00	1159.38	1159.86	.00	.24	1.917	111.23
74.5200	.00	1158.90	1159.38	.00	.24	1.916	111.22
74.5600	.00	1158.43	1158.90	.00	.24	1.915	111.22



LEVEL POOL ROUTING CALCULATIONS

HYG Dir               = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
74.6000	.00	1157.95	1158.43	.00	.24	1.914	111.22
74.6400	.00	1157.47	1157.95	.00	.24	1.914	111.22
74.6800	.00	1156.99	1157.47	.00	.24	1.913	111.22
74.7200	.00	1156.52	1156.99	.00	.24	1.912	111.22
74.7600	.00	1156.04	1156.52	.00	.24	1.911	111.22
74.8000	.00	1155.56	1156.04	.00	.24	1.910	111.22
74.8400	.00	1155.08	1155.56	.00	.24	1.910	111.22
74.8800	.00	1154.61	1155.08	.00	.24	1.909	111.22
74.9200	.00	1154.13	1154.61	.00	.24	1.908	111.22
74.9600	.00	1153.65	1154.13	.00	.24	1.907	111.22
75.0000	.00	1153.18	1153.65	.00	.24	1.906	111.22
75.0400	.00	1152.70	1153.18	.00	.24	1.906	111.21
75.0800	.00	1152.22	1152.70	.00	.24	1.905	111.21
75.1200	.00	1151.75	1152.22	.00	.24	1.904	111.21
75.1600	.00	1151.27	1151.75	.00	.24	1.903	111.21
75.2000	.00	1150.80	1151.27	.00	.24	1.902	111.21
75.2400	.00	1150.32	1150.80	.00	.24	1.902	111.21
75.2800	.00	1149.84	1150.32	.00	.24	1.901	111.21
75.3200	.00	1149.37	1149.84	.00	.24	1.900	111.21
75.3600	.00	1148.89	1149.37	.00	.24	1.899	111.21
75.4000	.00	1148.42	1148.89	.00	.24	1.899	111.21
75.4400	.00	1147.94	1148.42	.00	.24	1.898	111.21
75.4800	.00	1147.47	1147.94	.00	.24	1.897	111.21
75.5200	.00	1146.99	1147.47	.00	.24	1.896	111.20
75.5600	.00	1146.51	1146.99	.00	.24	1.895	111.20
75.6000	.00	1146.04	1146.51	.00	.24	1.895	111.20
75.6400	.00	1145.56	1146.04	.00	.24	1.894	111.20
75.6800	.00	1145.09	1145.56	.00	.24	1.893	111.20
75.7200	.00	1144.61	1145.09	.00	.24	1.892	111.20
75.7600	.00	1144.14	1144.61	.00	.24	1.892	111.20
75.8000	.00	1143.66	1144.14	.00	.24	1.891	111.20
75.8400	.00	1143.19	1143.66	.00	.24	1.890	111.20
75.8800	.00	1142.72	1143.19	.00	.24	1.889	111.20
75.9200	.00	1142.24	1142.72	.00	.24	1.888	111.20
75.9600	.00	1141.77	1142.24	.00	.24	1.888	111.20
76.0000	.00	1141.29	1141.77	.00	.24	1.887	111.20
76.0400	.00	1140.82	1141.29	.00	.24	1.886	111.19
76.0800	.00	1140.34	1140.82	.00	.24	1.885	111.19
76.1200	.00	1139.87	1140.34	.00	.24	1.884	111.19
76.1600	.00	1139.40	1139.87	.00	.24	1.884	111.19
76.2000	.00	1138.92	1139.40	.00	.24	1.883	111.19
76.2400	.00	1138.45	1138.92	.00	.24	1.882	111.19

LEVEL POOL ROUTING CALCULATIONS

HYG Dir           = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
76.2800	.00	1137.97	1138.45	.00	.24	1.881	111.19
76.3200	.00	1137.50	1137.97	.00	.24	1.881	111.19
76.3600	.00	1137.03	1137.50	.00	.24	1.880	111.19
76.4000	.00	1136.55	1137.03	.00	.24	1.879	111.19
76.4400	.00	1136.08	1136.55	.00	.24	1.878	111.19
76.4800	.00	1135.61	1136.08	.00	.24	1.877	111.19
76.5200	.00	1135.13	1135.61	.00	.24	1.877	111.18
76.5600	.00	1134.66	1135.13	.00	.24	1.876	111.18
76.6000	.00	1134.19	1134.66	.00	.24	1.875	111.18
76.6400	.00	1133.71	1134.19	.00	.24	1.874	111.18
76.6800	.00	1133.24	1133.71	.00	.24	1.873	111.18
76.7200	.00	1132.77	1133.24	.00	.24	1.873	111.18
76.7600	.00	1132.30	1132.77	.00	.24	1.872	111.18
76.8000	.00	1131.82	1132.30	.00	.24	1.871	111.18
76.8400	.00	1131.35	1131.82	.00	.24	1.870	111.18
76.8800	.00	1130.88	1131.35	.00	.24	1.870	111.18
76.9200	.00	1130.41	1130.88	.00	.24	1.869	111.18
76.9600	.00	1129.93	1130.41	.00	.24	1.868	111.18
77.0000	.00	1129.46	1129.93	.00	.24	1.867	111.18
77.0400	.00	1128.99	1129.46	.00	.24	1.866	111.17
77.0800	.00	1128.52	1128.99	.00	.24	1.866	111.17
77.1200	.00	1128.05	1128.52	.00	.24	1.865	111.17
77.1600	.00	1127.58	1128.05	.00	.24	1.864	111.17
77.2000	.00	1127.10	1127.58	.00	.24	1.863	111.17
77.2400	.00	1126.63	1127.10	.00	.24	1.863	111.17
77.2800	.00	1126.16	1126.63	.00	.24	1.862	111.17
77.3200	.00	1125.69	1126.16	.00	.24	1.861	111.17
77.3600	.00	1125.22	1125.69	.00	.24	1.860	111.17
77.4000	.00	1124.75	1125.22	.00	.24	1.859	111.17
77.4400	.00	1124.28	1124.75	.00	.24	1.859	111.17
77.4800	.00	1123.81	1124.28	.00	.24	1.858	111.17
77.5200	.00	1123.33	1123.81	.00	.24	1.857	111.16
77.5600	.00	1122.86	1123.33	.00	.24	1.856	111.16
77.6000	.00	1122.39	1122.86	.00	.24	1.855	111.16
77.6400	.00	1121.92	1122.39	.00	.24	1.855	111.16
77.6800	.00	1121.45	1121.92	.00	.24	1.854	111.16
77.7200	.00	1120.98	1121.45	.00	.24	1.853	111.16
77.7600	.00	1120.51	1120.98	.00	.24	1.852	111.16
77.8000	.00	1120.04	1120.51	.00	.24	1.852	111.16
77.8400	.00	1119.57	1120.04	.00	.24	1.851	111.16
77.8800	.00	1119.10	1119.57	.00	.24	1.850	111.16
77.9200	.00	1118.63	1119.10	.00	.23	1.849	111.16

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
77.9600	.00	1118.16	1118.63	.00	.23	1.848	111.16
78.0000	.00	1117.69	1118.16	.00	.23	1.848	111.16
78.0400	.00	1117.22	1117.69	.00	.23	1.847	111.15
78.0800	.00	1116.75	1117.22	.00	.23	1.846	111.15
78.1200	.00	1116.28	1116.75	.00	.23	1.845	111.15
78.1600	.00	1115.81	1116.28	.00	.23	1.845	111.15
78.2000	.00	1115.34	1115.81	.00	.23	1.844	111.15
78.2400	.00	1114.87	1115.34	.00	.23	1.843	111.15
78.2800	.00	1114.41	1114.87	.00	.23	1.842	111.15
78.3200	.00	1113.94	1114.41	.00	.23	1.842	111.15
78.3600	.00	1113.47	1113.94	.00	.23	1.841	111.15
78.4000	.00	1113.00	1113.47	.00	.23	1.840	111.15
78.4400	.00	1112.53	1113.00	.00	.23	1.839	111.15
78.4800	.00	1112.06	1112.53	.00	.23	1.838	111.15
78.5200	.00	1111.59	1112.06	.00	.23	1.838	111.15
78.5600	.00	1111.12	1111.59	.00	.23	1.837	111.14
78.6000	.00	1110.66	1111.12	.00	.23	1.836	111.14
78.6400	.00	1110.19	1110.66	.00	.23	1.835	111.14
78.6800	.00	1109.72	1110.19	.00	.23	1.835	111.14
78.7200	.00	1109.25	1109.72	.00	.23	1.834	111.14
78.7600	.00	1108.78	1109.25	.00	.23	1.833	111.14
78.8000	.00	1108.31	1108.78	.00	.23	1.832	111.14
78.8400	.00	1107.85	1108.31	.00	.23	1.831	111.14
78.8800	.00	1107.38	1107.85	.00	.23	1.831	111.14
78.9200	.00	1106.91	1107.38	.00	.23	1.830	111.14
78.9600	.00	1106.44	1106.91	.00	.23	1.829	111.14
79.0000	.00	1105.98	1106.44	.00	.23	1.828	111.14
79.0400	.00	1105.51	1105.98	.00	.23	1.828	111.13
79.0800	.00	1105.04	1105.51	.00	.23	1.827	111.13
79.1200	.00	1104.57	1105.04	.00	.23	1.826	111.13
79.1600	.00	1104.11	1104.57	.00	.23	1.825	111.13
79.2000	.00	1103.64	1104.11	.00	.23	1.825	111.13
79.2400	.00	1103.17	1103.64	.00	.23	1.824	111.13
79.2800	.00	1102.71	1103.17	.00	.23	1.823	111.13
79.3200	.00	1102.24	1102.71	.00	.23	1.822	111.13
79.3600	.00	1101.77	1102.24	.00	.23	1.821	111.13
79.4000	.00	1101.31	1101.77	.00	.23	1.821	111.13
79.4400	.00	1100.84	1101.31	.00	.23	1.820	111.13
79.4800	.00	1100.37	1100.84	.00	.23	1.819	111.13
79.5200	.00	1099.91	1100.37	.00	.23	1.818	111.13
79.5600	.00	1099.44	1099.91	.00	.23	1.818	111.12
79.6000	.00	1098.97	1099.44	.00	.23	1.817	111.12

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 25YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 25YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
79.6400	.00	1098.51	1098.97	.00	.23	1.816	111.12
79.6800	.00	1098.04	1098.51	.00	.23	1.815	111.12
79.7200	.00	1097.58	1098.04	.00	.23	1.814	111.12
79.7600	.00	1097.11	1097.58	.00	.23	1.814	111.12
79.8000	.00	1096.64	1097.11	.00	.23	1.813	111.12
79.8400	.00	1096.18	1096.64	.00	.23	1.812	111.12
79.8800	.00	1095.71	1096.18	.00	.23	1.811	111.12
79.9200	.00	1095.25	1095.71	.00	.23	1.811	111.12
79.9600	.00	1094.78	1095.25	.00	.23	1.810	111.12
80.0000	.00	1094.32	1094.78	.00	.23	1.809	111.12
80.0400	.00	1093.85	1094.32	.00	.23	1.808	111.12
80.0800	.00	1093.39	1093.85	.00	.23	1.808	111.11
80.1200	.00	1092.92	1093.39	.00	.23	1.807	111.11
80.1600	.00	1092.46	1092.92	.00	.23	1.806	111.11
80.2000	.00	1091.99	1092.46	.00	.23	1.805	111.11
80.2400	.00	1091.53	1091.99	.00	.23	1.805	111.11
80.2800	.00	1091.06	1091.53	.00	.23	1.804	111.11
80.3200	.00	1090.60	1091.06	.00	.23	1.803	111.11
80.3600	.00	1090.13	1090.60	.00	.23	1.802	111.11
80.4000	.00	1089.67	1090.13	.00	.23	1.801	111.11
80.4400	.00	1089.21	1089.67	.00	.23	1.801	111.11
80.4800	.00	1088.74	1089.21	.00	.23	1.800	111.11
80.5200	.00	1088.28	1088.74	.00	.23	1.799	111.11
80.5600	.00	1087.81	1088.28	.00	.23	1.798	111.10
80.6000	.00	1087.35	1087.81	.00	.23	1.798	111.10
80.6400	.00	1086.89	1087.35	.00	.23	1.797	111.10
80.6800	.00	1086.42	1086.89	.00	.23	1.796	111.10

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
.4800	.00	.00	.00	.00	.00	.000	109.00
.5200	.00	.00	.00	.00	.00	.000	109.00
.5600	.01	.01	.01	.00	.00	.000	109.00
.6000	.02	.05	.05	.00	.00	.000	109.00
.6400	.04	.11	.11	.00	.00	.000	109.00
.6800	.07	.22	.22	.00	.00	.000	109.00
.7200	.09	.38	.38	.00	.00	.001	109.00
.7600	.11	.58	.58	.00	.00	.001	109.00
.8000	.14	.83	.83	.00	.00	.001	109.00
.8400	.16	1.12	1.12	.00	.00	.002	109.00
.8800	.18	1.46	1.46	.00	.00	.002	109.00
.9200	.20	1.84	1.84	.00	.00	.003	109.00
.9600	.22	2.26	2.26	.00	.00	.004	109.01
1.0000	.24	2.71	2.71	.00	.00	.004	109.01
1.0400	.26	3.21	3.21	.00	.00	.005	109.01
1.0800	.27	3.73	3.73	.00	.00	.006	109.01
1.1200	.29	4.30	4.30	.00	.00	.007	109.01
1.1600	.30	4.89	4.89	.00	.00	.008	109.01
1.2000	.32	5.52	5.52	.00	.00	.009	109.01
1.2400	.33	6.17	6.17	.00	.00	.010	109.01
1.2800	.35	6.85	6.85	.00	.00	.011	109.02
1.3200	.36	7.56	7.56	.00	.00	.012	109.02
1.3600	.37	8.30	8.30	.00	.00	.014	109.02
1.4000	.39	9.06	9.06	.00	.00	.015	109.02
1.4400	.40	9.85	9.85	.00	.00	.016	109.02
1.4800	.41	10.65	10.65	.00	.00	.018	109.02
1.5200	.42	11.49	11.49	.00	.00	.019	109.03
1.5600	.43	12.34	12.34	.00	.00	.020	109.03
1.6000	.44	13.21	13.21	.00	.00	.022	109.03
1.6400	.45	14.11	14.11	.00	.00	.023	109.03
1.6800	.46	15.02	15.02	.00	.00	.025	109.03
1.7200	.47	15.95	15.95	.00	.00	.026	109.04
1.7600	.48	16.90	16.90	.00	.00	.028	109.04
1.8000	.49	17.87	17.87	.00	.00	.029	109.04
1.8400	.50	18.85	18.85	.00	.00	.031	109.04
1.8800	.50	19.85	19.85	.00	.00	.033	109.04
1.9200	.51	20.87	20.87	.00	.00	.034	109.05
1.9600	.52	21.90	21.90	.00	.00	.036	109.05
2.0000	.53	22.94	22.94	.00	.00	.038	109.05
2.0400	.53	24.00	24.00	.00	.00	.040	109.05
2.0800	.54	25.08	25.08	.00	.00	.041	109.06
2.1200	.55	26.17	26.17	.00	.00	.043	109.06

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
2.1600	.56	27.28	27.28	.00	.00	.045	109.06
2.2000	.57	28.40	28.40	.00	.00	.047	109.06
2.2400	.57	29.54	29.54	.00	.00	.049	109.07
2.2800	.58	30.70	30.70	.00	.00	.051	109.07
2.3200	.59	31.88	31.88	.00	.00	.053	109.07
2.3600	.60	33.08	33.08	.00	.00	.055	109.07
2.4000	.61	34.29	34.29	.00	.00	.057	109.08
2.4400	.62	35.53	35.53	.00	.00	.059	109.08
2.4800	.63	36.78	36.78	.00	.00	.061	109.08
2.5200	.64	38.05	38.05	.00	.00	.063	109.09
2.5600	.65	39.33	39.33	.00	.00	.065	109.09
2.6000	.66	40.64	40.64	.00	.00	.067	109.09
2.6400	.67	41.96	41.96	.00	.00	.069	109.09
2.6800	.67	43.30	43.30	.00	.00	.072	109.10
2.7200	.68	44.66	44.66	.00	.00	.074	109.10
2.7600	.69	46.03	46.03	.00	.00	.076	109.10
2.8000	.70	47.41	47.42	.00	.00	.078	109.11
2.8400	.71	48.81	48.82	.00	.00	.081	109.11
2.8800	.72	50.23	50.24	.00	.01	.083	109.11
2.9200	.73	51.66	51.67	.00	.01	.085	109.12
2.9600	.73	53.10	53.12	.00	.01	.088	109.12
3.0000	.74	54.56	54.57	.00	.01	.090	109.12
3.0400	.75	56.02	56.05	.00	.01	.093	109.13
3.0800	.76	57.51	57.53	.00	.01	.095	109.13
3.1200	.77	59.00	59.03	.00	.01	.097	109.13
3.1600	.77	60.51	60.54	.00	.02	.100	109.14
3.2000	.78	62.04	62.07	.00	.02	.102	109.14
3.2400	.79	63.57	63.61	.00	.02	.105	109.14
3.2800	.80	65.12	65.16	.00	.02	.108	109.15
3.3200	.81	66.68	66.72	.00	.02	.110	109.15
3.3600	.81	68.26	68.30	.00	.02	.113	109.15
3.4000	.82	69.85	69.89	.00	.02	.115	109.16
3.4400	.83	71.44	71.50	.00	.03	.118	109.16
3.4800	.84	73.05	73.11	.00	.03	.121	109.16
3.5200	.84	74.68	74.74	.00	.03	.123	109.17
3.5600	.85	76.32	76.38	.00	.03	.126	109.17
3.6000	.86	77.96	78.03	.00	.03	.129	109.17
3.6400	.87	79.62	79.69	.00	.03	.132	109.18
3.6800	.87	81.29	81.36	.00	.03	.134	109.18
3.7200	.88	82.98	83.05	.00	.04	.137	109.19
3.7600	.89	84.67	84.75	.00	.04	.140	109.19
3.8000	.90	86.38	86.46	.00	.04	.143	109.19

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
3.8400	.90	88.10	88.18	.00	.04	.146	109.20
3.8800	.91	89.83	89.91	.00	.04	.149	109.20
3.9200	.92	91.57	91.66	.00	.04	.151	109.21
3.9600	.93	93.32	93.41	.00	.04	.154	109.21
4.0000	.93	95.09	95.18	.00	.05	.157	109.21
4.0400	.94	96.87	96.96	.00	.05	.160	109.22
4.0800	.95	98.65	98.75	.00	.05	.163	109.22
4.1200	.95	100.46	100.56	.00	.05	.166	109.22
4.1600	.96	102.27	102.37	.00	.05	.169	109.23
4.2000	.97	104.09	104.20	.00	.05	.172	109.23
4.2400	.97	105.93	106.04	.00	.05	.175	109.24
4.2800	.98	107.78	107.89	.00	.05	.178	109.24
4.3200	.99	109.64	109.75	.00	.06	.181	109.25
4.3600	1.00	111.51	111.62	.00	.06	.184	109.25
4.4000	1.00	113.39	113.51	.00	.06	.187	109.25
4.4400	1.01	115.28	115.40	.00	.06	.191	109.26
4.4800	1.02	117.18	117.31	.00	.06	.194	109.26
4.5200	1.02	119.10	119.22	.00	.06	.197	109.27
4.5600	1.03	121.02	121.15	.00	.06	.200	109.27
4.6000	1.04	122.96	123.09	.00	.06	.203	109.27
4.6400	1.04	124.91	125.04	.00	.07	.207	109.28
4.6800	1.05	126.87	127.00	.00	.07	.210	109.28
4.7200	1.06	128.83	128.97	.00	.07	.213	109.29
4.7600	1.06	130.81	130.96	.00	.07	.216	109.29
4.8000	1.07	132.81	132.95	.00	.07	.220	109.30
4.8400	1.08	134.81	134.95	.00	.07	.223	109.30
4.8800	1.08	136.82	136.96	.00	.07	.226	109.31
4.9200	1.09	138.84	138.99	.00	.07	.230	109.31
4.9600	1.10	140.88	141.03	.00	.07	.233	109.31
5.0000	1.10	142.93	143.08	.00	.08	.236	109.32
5.0400	1.11	144.98	145.14	.00	.08	.240	109.32
5.0800	1.12	147.05	147.21	.00	.08	.243	109.33
5.1200	1.12	149.14	149.29	.00	.08	.247	109.33
5.1600	1.13	151.23	151.39	.00	.08	.250	109.34
5.2000	1.13	153.33	153.49	.00	.08	.253	109.34
5.2400	1.14	155.45	155.61	.00	.08	.257	109.35
5.2800	1.15	157.58	157.74	.00	.08	.261	109.35
5.3200	1.15	159.71	159.88	.00	.08	.264	109.36
5.3600	1.16	161.86	162.03	.00	.08	.268	109.36
5.4000	1.17	164.03	164.19	.00	.08	.271	109.36
5.4400	1.17	166.20	166.36	.00	.08	.275	109.37
5.4800	1.18	168.38	168.55	.00	.08	.278	109.37

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
5.5200	1.19	170.57	170.74	.00	.09	.282	109.38
5.5600	1.19	172.78	172.95	.00	.09	.286	109.38
5.6000	1.20	174.99	175.17	.00	.09	.289	109.39
5.6400	1.20	177.22	177.39	.00	.09	.293	109.39
5.6800	1.21	179.45	179.63	.00	.09	.297	109.40
5.7200	1.22	181.70	181.88	.00	.09	.300	109.40
5.7600	1.22	183.96	184.14	.00	.09	.304	109.41
5.8000	1.23	186.23	186.41	.00	.09	.308	109.41
5.8400	1.23	188.51	188.70	.00	.09	.312	109.42
5.8800	1.24	190.80	190.99	.00	.09	.315	109.42
5.9200	1.25	193.10	193.29	.00	.09	.319	109.43
5.9600	1.25	195.42	195.61	.00	.09	.323	109.43
6.0000	1.26	197.74	197.93	.00	.09	.327	109.44
6.0400	1.27	200.08	200.27	.00	.10	.331	109.44
6.0800	1.28	202.43	202.62	.00	.10	.335	109.45
6.1200	1.29	204.80	204.99	.00	.10	.339	109.45
6.1600	1.30	207.19	207.38	.00	.10	.343	109.46
6.2000	1.31	209.60	209.80	.00	.10	.347	109.46
6.2400	1.33	212.05	212.24	.00	.10	.351	109.47
6.2800	1.34	214.52	214.72	.00	.10	.355	109.47
6.3200	1.36	217.02	217.22	.00	.10	.359	109.48
6.3600	1.38	219.56	219.76	.00	.10	.363	109.49
6.4000	1.40	222.13	222.34	.00	.10	.367	109.49
6.4400	1.41	224.74	224.94	.00	.10	.372	109.50
6.4800	1.43	227.37	227.58	.00	.10	.376	109.50
6.5200	1.45	230.04	230.25	.00	.10	.380	109.51
6.5600	1.47	232.74	232.95	.00	.10	.385	109.51
6.6000	1.48	235.48	235.69	.00	.11	.389	109.52
6.6400	1.50	238.25	238.46	.00	.11	.394	109.53
6.6800	1.52	241.05	241.27	.00	.11	.399	109.53
6.7200	1.54	243.89	244.10	.00	.11	.403	109.54
6.7600	1.55	246.76	246.98	.00	.11	.408	109.54
6.8000	1.57	249.67	249.88	.00	.11	.413	109.55
6.8400	1.59	252.60	252.82	.00	.11	.418	109.56
6.8800	1.60	255.57	255.79	.00	.11	.423	109.56
6.9200	1.62	258.57	258.80	.00	.11	.428	109.57
6.9600	1.64	261.61	261.84	.00	.11	.433	109.58
7.0000	1.66	264.69	264.91	.00	.11	.438	109.58
7.0400	1.67	267.79	268.02	.00	.11	.443	109.59
7.0800	1.69	270.92	271.15	.00	.12	.448	109.60
7.1200	1.71	274.10	274.33	.00	.12	.453	109.60
7.1600	1.73	277.30	277.54	.00	.12	.459	109.61



LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
7.2000	1.75	280.54	280.78	.00	.12	.464	109.62
7.2400	1.76	283.81	284.05	.00	.12	.469	109.62
7.2800	1.78	287.12	287.35	.00	.12	.475	109.63
7.3200	1.80	290.46	290.70	.00	.12	.480	109.64
7.3600	1.82	293.83	294.07	.00	.12	.486	109.65
7.4000	1.83	297.24	297.48	.00	.12	.491	109.65
7.4400	1.85	300.68	300.92	.00	.12	.497	109.66
7.4800	1.87	304.15	304.39	.00	.12	.503	109.67
7.5200	1.89	307.66	307.90	.00	.12	.509	109.67
7.5600	1.90	311.20	311.45	.00	.12	.515	109.68
7.6000	1.92	314.77	315.02	.00	.13	.520	109.69
7.6400	1.94	318.38	318.63	.00	.13	.526	109.70
7.6800	1.96	322.02	322.27	.00	.13	.532	109.71
7.7200	1.97	325.70	325.95	.00	.13	.539	109.71
7.7600	1.99	329.41	329.66	.00	.13	.545	109.72
7.8000	2.01	333.15	333.41	.00	.13	.551	109.73
7.8400	2.03	336.92	337.18	.00	.13	.557	109.74
7.8800	2.04	340.73	340.99	.00	.13	.563	109.74
7.9200	2.06	344.58	344.84	.00	.13	.570	109.75
7.9600	2.08	348.45	348.72	.00	.13	.576	109.76
8.0000	2.10	352.37	352.63	.00	.13	.583	109.77
8.0400	2.12	356.31	356.58	.00	.13	.589	109.78
8.0800	2.14	360.29	360.56	.00	.14	.596	109.79
8.1200	2.16	364.32	364.60	.00	.14	.602	109.79
8.1600	2.19	368.41	368.68	.00	.14	.609	109.80
8.2000	2.23	372.56	372.83	.00	.14	.616	109.81
8.2400	2.26	376.77	377.05	.00	.14	.623	109.82
8.2800	2.30	381.06	381.34	.00	.14	.630	109.83
8.3200	2.34	385.42	385.70	.00	.14	.637	109.84
8.3600	2.38	389.86	390.15	.00	.14	.645	109.85
8.4000	2.42	394.38	394.66	.00	.14	.652	109.86
8.4400	2.46	398.97	399.25	.00	.14	.660	109.87
8.4800	2.50	403.64	403.92	.00	.14	.667	109.88
8.5200	2.54	408.38	408.67	.00	.15	.675	109.89
8.5600	2.58	413.20	413.49	.00	.15	.683	109.90
8.6000	2.62	418.10	418.40	.00	.15	.691	109.91
8.6400	2.65	423.08	423.37	.00	.15	.699	109.92
8.6800	2.70	428.13	428.43	.00	.15	.708	109.93
8.7200	2.74	433.26	433.56	.00	.15	.716	109.94
8.7600	2.77	438.47	438.77	.00	.15	.725	109.95
8.8000	2.81	443.75	444.06	.00	.15	.734	109.96
8.8400	2.85	449.12	449.42	.00	.15	.743	109.97

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
8.8800	2.89	454.55	454.86	.00	.15	.752	109.98
8.9200	2.93	460.07	460.38	.00	.15	.761	109.99
8.9600	2.97	465.66	465.98	.00	.16	.770	110.01
9.0000	3.01	471.34	471.65	.00	.16	.779	110.02
9.0400	3.05	477.08	477.40	.00	.16	.789	110.03
9.0800	3.09	482.91	483.23	.00	.16	.798	110.04
9.1200	3.13	488.81	489.13	.00	.16	.808	110.05
9.1600	3.17	494.80	495.12	.00	.16	.818	110.06
9.2000	3.21	500.86	501.18	.00	.16	.828	110.07
9.2400	3.25	506.99	507.32	.00	.16	.838	110.08
9.2800	3.29	513.20	513.53	.00	.16	.849	110.09
9.3200	3.33	519.50	519.82	.00	.16	.859	110.10
9.3600	3.37	525.87	526.20	.00	.16	.869	110.12
9.4000	3.41	532.31	532.65	.00	.17	.880	110.13
9.4400	3.45	538.84	539.17	.00	.17	.891	110.14
9.4800	3.49	545.44	545.77	.00	.17	.902	110.15
9.5200	3.53	552.12	552.46	.00	.17	.913	110.16
9.5600	3.57	558.88	559.22	.00	.17	.924	110.18
9.6000	3.61	565.71	566.05	.00	.17	.935	110.19
9.6400	3.65	572.62	572.97	.00	.17	.947	110.20
9.6800	3.69	579.62	579.96	.00	.17	.958	110.21
9.7200	3.74	586.70	587.05	.00	.17	.970	110.23
9.7600	3.79	593.88	594.23	.00	.17	.982	110.24
9.8000	3.84	601.16	601.51	.00	.18	.994	110.25
9.8400	3.89	608.53	608.89	.00	.18	1.006	110.27
9.8800	3.95	616.02	616.37	.00	.18	1.018	110.28
9.9200	4.00	623.61	623.96	.00	.18	1.031	110.29
9.9600	4.06	631.30	631.66	.00	.18	1.044	110.31
10.0000	4.11	639.11	639.47	.00	.18	1.057	110.32
10.0400	4.17	647.03	647.39	.00	.18	1.070	110.34
10.0800	4.24	655.07	655.43	.00	.18	1.083	110.35
10.1200	4.31	663.24	663.61	.00	.18	1.096	110.36
10.1600	4.39	671.57	671.94	.00	.19	1.110	110.38
10.2000	4.48	680.07	680.45	.00	.19	1.124	110.40
10.2400	4.58	688.76	689.13	.00	.19	1.139	110.41
10.2800	4.68	697.64	698.01	.00	.19	1.153	110.43
10.3200	4.78	706.72	707.10	.00	.19	1.168	110.44
10.3600	4.89	716.00	716.39	.00	.19	1.184	110.46
10.4000	4.99	725.50	725.88	.00	.19	1.199	110.48
10.4400	5.10	735.20	735.58	.00	.19	1.215	110.49
10.4800	5.20	745.11	745.50	.00	.19	1.232	110.51
10.5200	5.31	755.23	755.62	.00	.20	1.249	110.53

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
10.5600	5.42	765.57	765.97	.00	.20	1.266	110.55
10.6000	5.53	776.13	776.53	.00	.20	1.283	110.57
10.6400	5.64	786.91	787.31	.00	.20	1.301	110.58
10.6800	5.76	797.90	798.31	.00	.20	1.319	110.60
10.7200	5.87	809.12	809.53	.00	.20	1.338	110.62
10.7600	5.98	820.57	820.97	.00	.20	1.357	110.64
10.8000	6.10	832.23	832.64	.00	.20	1.376	110.66
10.8400	6.21	844.13	844.54	.00	.21	1.396	110.69
10.8800	6.33	856.25	856.67	.00	.21	1.416	110.71
10.9200	6.45	868.61	869.02	.00	.21	1.436	110.73
10.9600	6.56	881.19	881.61	.00	.21	1.457	110.75
11.0000	6.68	894.01	894.44	.00	.21	1.478	110.77
11.0400	6.82	907.09	907.51	.00	.21	1.500	110.80
11.0800	7.00	920.48	920.91	.00	.21	1.522	110.82
11.1200	7.22	934.27	934.70	.00	.22	1.545	110.84
11.1600	7.50	948.56	948.99	.00	.22	1.568	110.87
11.2000	7.83	963.44	963.88	.00	.22	1.593	110.89
11.2400	8.17	978.99	979.44	.00	.22	1.618	110.92
11.2800	8.56	995.28	995.73	.00	.22	1.645	110.95
11.3200	8.96	1012.35	1012.80	.00	.22	1.674	110.98
11.3600	9.36	1030.22	1030.67	.00	.23	1.703	111.01
11.4000	9.77	1048.89	1049.35	.00	.23	1.734	111.04
11.4400	10.18	1068.38	1068.84	.00	.23	1.766	111.07
11.4800	10.61	1088.70	1089.17	.00	.23	1.800	111.11
11.5200	11.12	1109.96	1110.43	.00	.23	1.835	111.14
11.5600	12.02	1132.62	1133.09	.00	.24	1.872	111.18
11.6000	13.45	1157.61	1158.08	.00	.24	1.914	111.22
11.6400	15.35	1185.92	1186.40	.00	.24	1.961	111.27
11.6800	18.11	1218.89	1219.38	.00	.24	2.015	111.33
11.7200	21.36	1257.87	1258.37	.00	.25	2.079	111.39
11.7600	24.94	1303.67	1304.18	.00	.25	2.155	111.47
11.8000	28.81	1356.92	1357.43	.00	.26	2.243	111.55
11.8400	32.71	1417.92	1418.44	.00	.26	2.344	111.65
11.8800	36.97	1487.07	1487.61	.00	.27	2.458	111.77
11.9200	42.03	1565.52	1566.07	.00	.27	2.588	111.89
11.9600	50.78	1657.77	1658.33	.00	.28	2.740	112.04
12.0000	64.67	1772.64	1773.22	.00	.29	2.930	112.22
12.0400	78.49	1912.02	1915.81	.00	1.89	3.163	112.44
12.0800	88.57	2067.59	2079.08	.00	5.75	3.427	112.68
12.1200	93.94	2227.95	2250.10	.00	11.08	3.701	112.93
12.1600	92.28	2380.02	2414.16	.00	17.07	3.962	113.16
12.2000	82.54	2509.33	2554.84	.00	22.76	4.185	113.36

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
12.2400	70.95	2608.02	2662.82	.00	27.40	4.356	113.51
12.2800	61.20	2678.41	2740.17	.00	30.88	4.478	113.61
12.3200	53.95	2726.88	2793.56	.00	33.34	4.562	113.68
12.3600	48.00	2758.84	2828.83	.00	35.00	4.618	113.73
12.4000	42.71	2777.59	2849.55	.00	35.98	4.650	113.76
12.4400	37.94	2785.45	2858.23	.00	36.39	4.664	113.77
12.4800	33.12	2783.89	2856.50	.00	36.31	4.661	113.77
12.5200	28.56	2773.99	2845.57	.00	35.79	4.644	113.75
12.5600	24.55	2757.27	2827.10	.00	34.92	4.615	113.73
12.6000	21.16	2735.42	2802.98	.00	33.78	4.577	113.70
12.6400	18.54	2710.14	2775.12	.00	32.49	4.533	113.66
12.6800	16.69	2683.13	2745.37	.00	31.12	4.486	113.62
12.7200	15.47	2655.78	2715.29	.00	29.75	4.439	113.58
12.7600	14.58	2628.97	2685.84	.00	28.43	4.392	113.54
12.8000	13.88	2603.11	2657.43	.00	27.16	4.348	113.50
12.8400	13.30	2578.32	2630.29	.00	25.99	4.305	113.46
12.8800	12.75	2554.65	2604.38	.00	24.86	4.264	113.43
12.9200	12.25	2532.06	2579.65	.00	23.80	4.225	113.39
12.9600	11.76	2510.45	2556.07	.00	22.81	4.187	113.36
13.0000	11.27	2489.75	2533.47	.00	21.86	4.151	113.33
13.0400	10.83	2469.93	2511.84	.00	20.96	4.117	113.30
13.0800	10.42	2450.93	2491.18	.00	20.13	4.084	113.27
13.1200	10.08	2432.77	2471.43	.00	19.33	4.053	113.24
13.1600	9.80	2415.50	2452.65	.00	18.57	4.023	113.22
13.2000	9.59	2399.16	2434.89	.00	17.87	3.995	113.19
13.2400	9.42	2383.72	2418.17	.00	17.22	3.968	113.17
13.2800	9.27	2369.18	2402.42	.00	16.62	3.943	113.15
13.3200	9.14	2355.50	2387.59	.00	16.05	3.920	113.12
13.3600	9.01	2342.63	2373.65	.00	15.51	3.898	113.10
13.4000	8.88	2330.48	2360.52	.00	15.02	3.877	113.09
13.4400	8.76	2318.98	2348.12	.00	14.57	3.857	113.07
13.4800	8.63	2308.11	2336.38	.00	14.14	3.838	113.05
13.5200	8.51	2297.79	2325.25	.00	13.73	3.821	113.04
13.5600	8.39	2288.01	2314.70	.00	13.34	3.804	113.02
13.6000	8.26	2278.72	2304.67	.00	12.97	3.788	113.01
13.6400	8.14	2269.86	2295.13	.00	12.63	3.773	112.99
13.6800	8.02	2261.38	2286.02	.00	12.32	3.758	112.98
13.7200	7.90	2253.26	2277.30	.00	12.02	3.744	112.97
13.7600	7.77	2245.47	2268.93	.00	11.73	3.731	112.96
13.8000	7.64	2237.99	2260.89	.00	11.45	3.718	112.94
13.8400	7.52	2230.79	2253.16	.00	11.18	3.706	112.93
13.8800	7.40	2223.86	2245.71	.00	10.92	3.694	112.92

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
13.9200	7.27	2217.18	2238.53	.00	10.68	3.682	112.91
13.9600	7.15	2210.72	2231.60	.00	10.44	3.671	112.90
14.0000	7.02	2204.46	2224.89	.00	10.22	3.661	112.89
14.0400	6.90	2198.37	2218.38	.00	10.01	3.650	112.88
14.0800	6.79	2192.46	2212.06	.00	9.80	3.640	112.87
14.1200	6.69	2186.73	2205.93	.00	9.60	3.630	112.87
14.1600	6.60	2181.19	2200.01	.00	9.41	3.621	112.86
14.2000	6.52	2175.86	2194.31	.00	9.23	3.612	112.85
14.2400	6.46	2170.74	2188.84	.00	9.05	3.603	112.84
14.2800	6.39	2165.82	2183.58	.00	8.88	3.594	112.83
14.3200	6.33	2161.11	2178.54	.00	8.72	3.586	112.83
14.3600	6.27	2156.58	2173.71	.00	8.56	3.579	112.82
14.4000	6.21	2152.24	2169.06	.00	8.41	3.571	112.81
14.4400	6.15	2148.06	2164.59	.00	8.27	3.564	112.81
14.4800	6.09	2144.04	2160.30	.00	8.13	3.557	112.80
14.5200	6.03	2140.14	2156.16	.00	8.01	3.551	112.79
14.5600	5.97	2136.37	2152.14	.00	7.89	3.544	112.79
14.6000	5.91	2132.70	2148.24	.00	7.77	3.538	112.78
14.6400	5.85	2129.15	2144.46	.00	7.66	3.532	112.78
14.6800	5.79	2125.69	2140.78	.00	7.55	3.526	112.77
14.7200	5.73	2122.32	2137.21	.00	7.44	3.520	112.77
14.7600	5.67	2119.04	2133.72	.00	7.34	3.515	112.76
14.8000	5.61	2115.85	2130.32	.00	7.24	3.509	112.76
14.8400	5.55	2112.73	2127.00	.00	7.14	3.504	112.75
14.8800	5.49	2109.68	2123.76	.00	7.04	3.499	112.75
14.9200	5.43	2106.70	2120.60	.00	6.95	3.494	112.74
14.9600	5.37	2103.79	2117.49	.00	6.85	3.489	112.74
15.0000	5.30	2100.93	2114.46	.00	6.76	3.484	112.73
15.0400	5.25	2098.13	2111.48	.00	6.67	3.479	112.73
15.0800	5.18	2095.38	2108.56	.00	6.59	3.474	112.72
15.1200	5.12	2092.68	2105.69	.00	6.50	3.470	112.72
15.1600	5.06	2090.03	2102.87	.00	6.42	3.465	112.72
15.2000	5.00	2087.42	2100.09	.00	6.34	3.461	112.71
15.2400	4.94	2084.85	2097.36	.00	6.25	3.456	112.71
15.2800	4.88	2082.32	2094.67	.00	6.17	3.452	112.70
15.3200	4.82	2079.83	2092.02	.00	6.10	3.448	112.70
15.3600	4.76	2077.35	2089.40	.00	6.03	3.444	112.70
15.4000	4.69	2074.89	2086.80	.00	5.96	3.439	112.69
15.4400	4.63	2072.44	2084.22	.00	5.89	3.435	112.69
15.4800	4.57	2070.02	2081.65	.00	5.82	3.431	112.68
15.5200	4.51	2067.60	2079.10	.00	5.75	3.427	112.68
15.5600	4.45	2065.20	2076.56	.00	5.68	3.423	112.68

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
15.6000	4.39	2062.81	2074.03	.00	5.61	3.419	112.67
15.6400	4.33	2060.43	2071.52	.00	5.54	3.415	112.67
15.6800	4.26	2058.07	2069.02	.00	5.48	3.411	112.67
15.7200	4.20	2055.71	2066.53	.00	5.41	3.407	112.66
15.7600	4.14	2053.37	2064.05	.00	5.34	3.403	112.66
15.8000	4.08	2051.03	2061.58	.00	5.28	3.399	112.65
15.8400	4.02	2048.70	2059.13	.00	5.21	3.395	112.65
15.8800	3.95	2046.39	2056.68	.00	5.14	3.391	112.65
15.9200	3.89	2044.07	2054.23	.00	5.08	3.387	112.64
15.9600	3.83	2041.77	2051.80	.00	5.01	3.383	112.64
16.0000	3.77	2039.47	2049.37	.00	4.95	3.379	112.64
16.0400	3.71	2037.18	2046.95	.00	4.88	3.375	112.63
16.0800	3.66	2034.91	2044.55	.00	4.82	3.371	112.63
16.1200	3.61	2032.67	2042.18	.00	4.75	3.368	112.63
16.1600	3.57	2030.46	2039.85	.00	4.69	3.364	112.62
16.2000	3.53	2028.30	2037.56	.00	4.63	3.360	112.62
16.2400	3.49	2026.18	2035.32	.00	4.57	3.357	112.62
16.2800	3.47	2024.12	2033.14	.00	4.51	3.353	112.61
16.3200	3.44	2022.12	2031.02	.00	4.45	3.350	112.61
16.3600	3.41	2020.17	2028.97	.00	4.40	3.346	112.61
16.4000	3.38	2018.28	2026.97	.00	4.35	3.343	112.60
16.4400	3.35	2016.43	2025.02	.00	4.29	3.340	112.60
16.4800	3.33	2014.62	2023.11	.00	4.25	3.337	112.60
16.5200	3.30	2012.85	2021.25	.00	4.20	3.334	112.60
16.5600	3.28	2011.11	2019.43	.00	4.16	3.331	112.59
16.6000	3.25	2009.40	2017.64	.00	4.12	3.328	112.59
16.6400	3.22	2007.72	2015.87	.00	4.08	3.325	112.59
16.6800	3.19	2006.06	2014.13	.00	4.04	3.322	112.58
16.7200	3.17	2004.44	2012.43	.00	3.99	3.320	112.58
16.7600	3.14	2002.84	2010.75	.00	3.96	3.317	112.58
16.8000	3.11	2001.27	2009.10	.00	3.92	3.314	112.58
16.8400	3.09	1999.71	2007.47	.00	3.88	3.312	112.57
16.8800	3.06	1998.17	2005.85	.00	3.84	3.309	112.57
16.9200	3.04	1996.66	2004.27	.00	3.80	3.306	112.57
16.9600	3.01	1995.18	2002.71	.00	3.77	3.304	112.57
17.0000	2.98	1993.71	2001.16	.00	3.73	3.301	112.57
17.0400	2.95	1992.25	1999.64	.00	3.69	3.299	112.56
17.0800	2.92	1990.81	1998.12	.00	3.66	3.297	112.56
17.1200	2.90	1989.39	1996.63	.00	3.62	3.294	112.56
17.1600	2.87	1987.98	1995.16	.00	3.59	3.292	112.56
17.2000	2.84	1986.59	1993.70	.00	3.55	3.289	112.55
17.2400	2.82	1985.21	1992.25	.00	3.52	3.287	112.55

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
17.2800	2.79	1983.85	1990.82	.00	3.49	3.285	112.55
17.3200	2.76	1982.50	1989.40	.00	3.45	3.282	112.55
17.3600	2.74	1981.16	1988.00	.00	3.42	3.280	112.55
17.4000	2.71	1979.83	1986.61	.00	3.39	3.278	112.54
17.4400	2.68	1978.51	1985.22	.00	3.35	3.276	112.54
17.4800	2.65	1977.20	1983.85	.00	3.32	3.274	112.54
17.5200	2.63	1975.90	1982.48	.00	3.29	3.271	112.54
17.5600	2.60	1974.62	1981.14	.00	3.26	3.269	112.54
17.6000	2.57	1973.34	1979.79	.00	3.23	3.267	112.53
17.6400	2.54	1972.07	1978.46	.00	3.19	3.265	112.53
17.6800	2.52	1970.80	1977.13	.00	3.16	3.263	112.53
17.7200	2.49	1969.55	1975.81	.00	3.13	3.261	112.53
17.7600	2.47	1968.30	1974.51	.00	3.10	3.258	112.53
17.8000	2.44	1967.06	1973.21	.00	3.07	3.256	112.52
17.8400	2.41	1965.83	1971.91	.00	3.04	3.254	112.52
17.8800	2.38	1964.59	1970.62	.00	3.01	3.252	112.52
17.9200	2.36	1963.37	1969.33	.00	2.98	3.250	112.52
17.9600	2.33	1962.16	1968.06	.00	2.95	3.248	112.52
18.0000	2.30	1960.95	1966.79	.00	2.92	3.246	112.51
18.0400	2.27	1959.74	1965.52	.00	2.89	3.244	112.51
18.0800	2.25	1958.54	1964.26	.00	2.86	3.242	112.51
18.1200	2.23	1957.35	1963.01	.00	2.83	3.240	112.51
18.1600	2.21	1956.19	1961.79	.00	2.80	3.238	112.51
18.2000	2.20	1955.05	1960.60	.00	2.77	3.236	112.50
18.2400	2.19	1953.95	1959.44	.00	2.75	3.234	112.50
18.2800	2.18	1952.88	1958.32	.00	2.72	3.232	112.50
18.3200	2.17	1951.84	1957.24	.00	2.70	3.231	112.50
18.3600	2.16	1950.83	1956.18	.00	2.68	3.229	112.50
18.4000	2.16	1949.84	1955.15	.00	2.66	3.227	112.50
18.4400	2.15	1948.87	1954.14	.00	2.64	3.226	112.49
18.4800	2.14	1947.92	1953.16	.00	2.62	3.224	112.49
18.5200	2.13	1947.00	1952.20	.00	2.60	3.222	112.49
18.5600	2.12	1946.09	1951.25	.00	2.58	3.221	112.49
18.6000	2.12	1945.21	1950.33	.00	2.56	3.219	112.49
18.6400	2.11	1944.34	1949.43	.00	2.54	3.218	112.49
18.6800	2.10	1943.50	1948.55	.00	2.53	3.217	112.49
18.7200	2.09	1942.66	1947.69	.00	2.51	3.215	112.49
18.7600	2.08	1941.85	1946.84	.00	2.49	3.214	112.48
18.8000	2.08	1941.05	1946.01	.00	2.48	3.212	112.48
18.8400	2.07	1940.27	1945.19	.00	2.46	3.211	112.48
18.8800	2.06	1939.50	1944.40	.00	2.45	3.210	112.48
18.9200	2.05	1938.75	1943.61	.00	2.43	3.209	112.48

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
18.9600	2.04	1938.01	1942.84	.00	2.42	3.207	112.48
19.0000	2.03	1937.28	1942.09	.00	2.40	3.206	112.48
19.0400	2.03	1936.57	1941.35	.00	2.39	3.205	112.48
19.0800	2.02	1935.87	1940.62	.00	2.37	3.204	112.47
19.1200	2.01	1935.18	1939.90	.00	2.36	3.202	112.47
19.1600	2.00	1934.50	1939.19	.00	2.35	3.201	112.47
19.2000	1.99	1933.83	1938.50	.00	2.33	3.200	112.47
19.2400	1.99	1933.18	1937.82	.00	2.32	3.199	112.47
19.2800	1.98	1932.53	1937.14	.00	2.31	3.198	112.47
19.3200	1.97	1931.89	1936.48	.00	2.29	3.197	112.47
19.3600	1.96	1931.26	1935.82	.00	2.28	3.196	112.47
19.4000	1.95	1930.64	1935.18	.00	2.27	3.195	112.47
19.4400	1.95	1930.03	1934.54	.00	2.26	3.194	112.47
19.4800	1.94	1929.43	1933.92	.00	2.24	3.193	112.46
19.5200	1.93	1928.84	1933.30	.00	2.23	3.192	112.46
19.5600	1.92	1928.25	1932.69	.00	2.22	3.191	112.46
19.6000	1.91	1927.67	1932.08	.00	2.21	3.190	112.46
19.6400	1.91	1927.09	1931.49	.00	2.20	3.189	112.46
19.6800	1.90	1926.53	1930.90	.00	2.18	3.188	112.46
19.7200	1.89	1925.97	1930.31	.00	2.17	3.187	112.46
19.7600	1.88	1925.41	1929.74	.00	2.16	3.186	112.46
19.8000	1.87	1924.86	1929.16	.00	2.15	3.185	112.46
19.8400	1.87	1924.32	1928.60	.00	2.14	3.184	112.46
19.8800	1.86	1923.78	1928.04	.00	2.13	3.183	112.46
19.9200	1.85	1923.25	1927.49	.00	2.12	3.182	112.45
19.9600	1.84	1922.72	1926.94	.00	2.11	3.181	112.45
20.0000	1.83	1922.20	1926.39	.00	2.10	3.181	112.45
20.0400	1.82	1921.68	1925.86	.00	2.09	3.180	112.45
20.0800	1.82	1921.17	1925.32	.00	2.08	3.179	112.45
20.1200	1.81	1920.66	1924.79	.00	2.07	3.178	112.45
20.1600	1.80	1920.16	1924.27	.00	2.06	3.177	112.45
20.2000	1.80	1919.66	1923.75	.00	2.05	3.176	112.45
20.2400	1.79	1919.18	1923.25	.00	2.04	3.175	112.45
20.2800	1.79	1918.70	1922.76	.00	2.03	3.175	112.45
20.3200	1.78	1918.24	1922.27	.00	2.02	3.174	112.45
20.3600	1.77	1917.77	1921.78	.00	2.01	3.173	112.45
20.4000	1.76	1917.31	1921.30	.00	2.00	3.172	112.45
20.4400	1.76	1916.85	1920.83	.00	1.99	3.172	112.44
20.4800	1.75	1916.40	1920.36	.00	1.98	3.171	112.44
20.5200	1.75	1915.95	1919.90	.00	1.97	3.170	112.44
20.5600	1.74	1915.52	1919.44	.00	1.96	3.169	112.44
20.6000	1.73	1915.08	1918.99	.00	1.95	3.169	112.44



LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
20.6400	1.73	1914.66	1918.55	.00	1.94	3.168	112.44
20.6800	1.72	1914.24	1918.11	.00	1.94	3.167	112.44
20.7200	1.71	1913.81	1917.67	.00	1.93	3.166	112.44
20.7600	1.70	1913.39	1917.23	.00	1.92	3.166	112.44
20.8000	1.70	1912.98	1916.80	.00	1.91	3.165	112.44
20.8400	1.70	1912.57	1916.37	.00	1.90	3.164	112.44
20.8800	1.69	1912.17	1915.96	.00	1.89	3.164	112.44
20.9200	1.68	1911.77	1915.54	.00	1.89	3.163	112.44
20.9600	1.68	1911.38	1915.13	.00	1.88	3.162	112.44
21.0000	1.67	1910.99	1914.73	.00	1.87	3.162	112.44
21.0400	1.67	1910.60	1914.33	.00	1.86	3.161	112.43
21.0800	1.66	1910.23	1913.94	.00	1.85	3.160	112.43
21.1200	1.66	1909.85	1913.55	.00	1.85	3.160	112.43
21.1600	1.65	1909.48	1913.16	.00	1.84	3.159	112.43
21.2000	1.64	1909.10	1912.77	.00	1.83	3.158	112.43
21.2400	1.64	1908.73	1912.38	.00	1.82	3.158	112.43
21.2800	1.63	1908.36	1911.99	.00	1.82	3.157	112.43
21.3200	1.62	1907.99	1911.61	.00	1.81	3.157	112.43
21.3600	1.62	1907.63	1911.23	.00	1.80	3.156	112.43
21.4000	1.61	1907.27	1910.86	.00	1.80	3.155	112.43
21.4400	1.61	1906.91	1910.49	.00	1.79	3.155	112.43
21.4800	1.60	1906.55	1910.11	.00	1.78	3.154	112.43
21.5200	1.59	1906.19	1909.74	.00	1.77	3.154	112.43
21.5600	1.58	1905.83	1909.36	.00	1.77	3.153	112.43
21.6000	1.58	1905.47	1908.99	.00	1.76	3.152	112.43
21.6400	1.57	1905.12	1908.63	.00	1.75	3.152	112.43
21.6800	1.57	1904.78	1908.27	.00	1.74	3.151	112.43
21.7200	1.56	1904.43	1907.91	.00	1.74	3.151	112.43
21.7600	1.55	1904.08	1907.55	.00	1.73	3.150	112.42
21.8000	1.55	1903.74	1907.19	.00	1.72	3.149	112.42
21.8400	1.55	1903.41	1906.84	.00	1.72	3.149	112.42
21.8800	1.54	1903.07	1906.49	.00	1.71	3.148	112.42
21.9200	1.53	1902.74	1906.15	.00	1.70	3.148	112.42
21.9600	1.53	1902.40	1905.80	.00	1.70	3.147	112.42
22.0000	1.52	1902.07	1905.45	.00	1.69	3.147	112.42
22.0400	1.51	1901.73	1905.10	.00	1.68	3.146	112.42
22.0800	1.51	1901.40	1904.75	.00	1.68	3.146	112.42
22.1200	1.50	1901.06	1904.40	.00	1.67	3.145	112.42
22.1600	1.49	1900.73	1904.06	.00	1.66	3.144	112.42
22.2000	1.49	1900.40	1903.72	.00	1.66	3.144	112.42
22.2400	1.48	1900.08	1903.38	.00	1.65	3.143	112.42
22.2800	1.47	1899.75	1903.03	.00	1.64	3.143	112.42

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
22.3200	1.47	1899.42	1902.69	.00	1.64	3.142	112.42
22.3600	1.46	1899.08	1902.34	.00	1.63	3.142	112.42
22.4000	1.46	1898.75	1902.00	.00	1.62	3.141	112.42
22.4400	1.45	1898.42	1901.66	.00	1.62	3.141	112.42
22.4800	1.45	1898.10	1901.32	.00	1.61	3.140	112.42
22.5200	1.44	1897.78	1900.98	.00	1.60	3.139	112.41
22.5600	1.43	1897.45	1900.64	.00	1.60	3.139	112.41
22.6000	1.43	1897.13	1900.31	.00	1.59	3.138	112.41
22.6400	1.42	1896.81	1899.98	.00	1.58	3.138	112.41
22.6800	1.42	1896.50	1899.65	.00	1.58	3.137	112.41
22.7200	1.41	1896.18	1899.33	.00	1.57	3.137	112.41
22.7600	1.40	1895.87	1899.00	.00	1.56	3.136	112.41
22.8000	1.39	1895.55	1898.66	.00	1.56	3.136	112.41
22.8400	1.39	1895.23	1898.33	.00	1.55	3.135	112.41
22.8800	1.38	1894.91	1898.00	.00	1.55	3.135	112.41
22.9200	1.38	1894.59	1897.67	.00	1.54	3.134	112.41
22.9600	1.37	1894.27	1897.34	.00	1.53	3.134	112.41
23.0000	1.37	1893.96	1897.01	.00	1.53	3.133	112.41
23.0400	1.36	1893.64	1896.68	.00	1.52	3.132	112.41
23.0800	1.35	1893.33	1896.35	.00	1.51	3.132	112.41
23.1200	1.34	1893.01	1896.02	.00	1.51	3.131	112.41
23.1600	1.34	1892.68	1895.68	.00	1.50	3.131	112.41
23.2000	1.33	1892.36	1895.35	.00	1.49	3.130	112.41
23.2400	1.33	1892.05	1895.02	.00	1.49	3.130	112.41
23.2800	1.32	1891.73	1894.69	.00	1.48	3.129	112.41
23.3200	1.31	1891.42	1894.37	.00	1.47	3.129	112.40
23.3600	1.31	1891.10	1894.04	.00	1.47	3.128	112.40
23.4000	1.30	1890.79	1893.71	.00	1.46	3.128	112.40
23.4400	1.30	1890.48	1893.39	.00	1.46	3.127	112.40
23.4800	1.29	1890.17	1893.07	.00	1.45	3.127	112.40
23.5200	1.29	1889.87	1892.75	.00	1.44	3.126	112.40
23.5600	1.28	1889.56	1892.43	.00	1.44	3.126	112.40
23.6000	1.27	1889.24	1892.10	.00	1.43	3.125	112.40
23.6400	1.26	1888.93	1891.78	.00	1.42	3.125	112.40
23.6800	1.26	1888.62	1891.45	.00	1.42	3.124	112.40
23.7200	1.25	1888.30	1891.13	.00	1.41	3.123	112.40
23.7600	1.25	1887.99	1890.80	.00	1.41	3.123	112.40
23.8000	1.24	1887.67	1890.47	.00	1.40	3.122	112.40
23.8400	1.24	1887.35	1890.14	.00	1.40	3.122	112.40
23.8800	1.23	1887.02	1889.81	.00	1.39	3.121	112.40
23.9200	1.22	1886.69	1889.47	.00	1.39	3.121	112.40
23.9600	1.21	1886.35	1889.12	.00	1.38	3.120	112.40

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
24.0000	1.20	1886.01	1888.76	.00	1.38	3.120	112.40
24.0400	1.14	1885.60	1888.35	.00	1.37	3.119	112.40
24.0800	.91	1884.92	1887.64	.00	1.36	3.118	112.39
24.1200	.60	1883.73	1886.42	.00	1.35	3.116	112.39
24.1600	.33	1882.01	1884.66	.00	1.32	3.113	112.39
24.2000	.19	1879.95	1882.53	.00	1.29	3.109	112.39
24.2400	.10	1877.71	1880.23	.00	1.26	3.106	112.38
24.2800	.06	1875.41	1877.87	.00	1.23	3.102	112.38
24.3200	.03	1873.11	1875.50	.00	1.20	3.098	112.38
24.3600	.02	1870.83	1873.16	.00	1.16	3.094	112.37
24.4000	.01	1868.59	1870.85	.00	1.13	3.090	112.37
24.4400	.00	1866.40	1868.60	.00	1.10	3.087	112.37
24.4800	.00	1864.26	1866.41	.00	1.07	3.083	112.36
24.5200	.00	1862.18	1864.26	.00	1.04	3.080	112.36
24.5600	.00	1860.16	1862.18	.00	1.01	3.076	112.36
24.6000	.00	1858.19	1860.16	.00	.98	3.073	112.35
24.6400	.00	1856.28	1858.19	.00	.96	3.070	112.35
24.6800	.00	1854.42	1856.28	.00	.93	3.067	112.35
24.7200	.00	1852.61	1854.42	.00	.90	3.064	112.34
24.7600	.00	1850.85	1852.61	.00	.88	3.061	112.34
24.8000	.00	1849.14	1850.85	.00	.86	3.058	112.34
24.8400	.00	1847.47	1849.14	.00	.83	3.055	112.34
24.8800	.00	1845.85	1847.47	.00	.81	3.052	112.33
24.9200	.00	1844.28	1845.85	.00	.79	3.050	112.33
24.9600	.00	1842.75	1844.28	.00	.76	3.047	112.33
25.0000	.00	1841.26	1842.75	.00	.74	3.045	112.33
25.0400	.00	1839.82	1841.26	.00	.72	3.042	112.32
25.0800	.00	1838.41	1839.82	.00	.70	3.040	112.32
25.1200	.00	1837.04	1838.41	.00	.68	3.038	112.32
25.1600	.00	1835.72	1837.04	.00	.66	3.035	112.32
25.2000	.00	1834.42	1835.72	.00	.65	3.033	112.32
25.2400	.00	1833.17	1834.42	.00	.63	3.031	112.31
25.2800	.00	1831.94	1833.17	.00	.61	3.029	112.31
25.3200	.00	1830.76	1831.94	.00	.59	3.027	112.31
25.3600	.00	1829.60	1830.76	.00	.58	3.025	112.31
25.4000	.00	1828.48	1829.60	.00	.56	3.023	112.31
25.4400	.00	1827.38	1828.48	.00	.55	3.021	112.30
25.4800	.00	1826.32	1827.38	.00	.53	3.020	112.30
25.5200	.00	1825.29	1826.32	.00	.52	3.018	112.30
25.5600	.00	1824.28	1825.29	.00	.51	3.016	112.30
25.6000	.00	1823.28	1824.28	.00	.50	3.015	112.30
25.6400	.00	1822.30	1823.28	.00	.49	3.013	112.30

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
25.6800	.00	1821.33	1822.30	.00	.49	3.011	112.29
25.7200	.00	1820.37	1821.33	.00	.48	3.010	112.29
25.7600	.00	1819.43	1820.37	.00	.47	3.008	112.29
25.8000	.00	1818.49	1819.43	.00	.47	3.007	112.29
25.8400	.00	1817.58	1818.49	.00	.46	3.005	112.29
25.8800	.00	1816.67	1817.58	.00	.45	3.003	112.29
25.9200	.00	1815.77	1816.67	.00	.45	3.002	112.29
25.9600	.00	1814.89	1815.77	.00	.44	3.001	112.28
26.0000	.00	1814.02	1814.89	.00	.44	2.999	112.28
26.0400	.00	1813.16	1814.02	.00	.43	2.998	112.28
26.0800	.00	1812.31	1813.16	.00	.42	2.996	112.28
26.1200	.00	1811.48	1812.31	.00	.42	2.995	112.28
26.1600	.00	1810.65	1811.48	.00	.41	2.993	112.28
26.2000	.00	1809.84	1810.65	.00	.41	2.992	112.28
26.2400	.00	1809.04	1809.84	.00	.40	2.991	112.28
26.2800	.00	1808.24	1809.04	.00	.40	2.989	112.27
26.3200	.00	1807.46	1808.24	.00	.39	2.988	112.27
26.3600	.00	1806.69	1807.46	.00	.39	2.987	112.27
26.4000	.00	1805.93	1806.69	.00	.38	2.986	112.27
26.4400	.00	1805.18	1805.93	.00	.38	2.984	112.27
26.4800	.00	1804.44	1805.18	.00	.37	2.983	112.27
26.5200	.00	1803.71	1804.44	.00	.37	2.982	112.27
26.5600	.00	1802.99	1803.71	.00	.36	2.981	112.27
26.6000	.00	1802.28	1802.99	.00	.36	2.980	112.26
26.6400	.00	1801.57	1802.28	.00	.35	2.978	112.26
26.6800	.00	1800.88	1801.57	.00	.35	2.977	112.26
26.7200	.00	1800.20	1800.88	.00	.34	2.976	112.26
26.7600	.00	1799.53	1800.20	.00	.34	2.975	112.26
26.8000	.00	1798.86	1799.53	.00	.33	2.974	112.26
26.8400	.00	1798.21	1798.86	.00	.33	2.973	112.26
26.8800	.00	1797.56	1798.21	.00	.32	2.972	112.26
26.9200	.00	1796.92	1797.56	.00	.32	2.971	112.26
26.9600	.00	1796.29	1796.92	.00	.31	2.970	112.26
27.0000	.00	1795.67	1796.29	.00	.31	2.969	112.25
27.0400	.00	1795.06	1795.67	.00	.31	2.968	112.25
27.0800	.00	1794.45	1795.06	.00	.30	2.967	112.25
27.1200	.00	1793.85	1794.45	.00	.30	2.966	112.25
27.1600	.00	1793.27	1793.85	.00	.29	2.965	112.25
27.2000	.00	1792.68	1793.27	.00	.29	2.964	112.25
27.2400	.00	1792.10	1792.68	.00	.29	2.963	112.25
27.2800	.00	1791.52	1792.10	.00	.29	2.962	112.25
27.3200	.00	1790.94	1791.52	.00	.29	2.961	112.25

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
27.3600	.00	1790.36	1790.94	.00	.29	2.960	112.25
27.4000	.00	1789.78	1790.36	.00	.29	2.959	112.25
27.4400	.00	1789.20	1789.78	.00	.29	2.958	112.24
27.4800	.00	1788.61	1789.20	.00	.29	2.957	112.24
27.5200	.00	1788.03	1788.61	.00	.29	2.956	112.24
27.5600	.00	1787.45	1788.03	.00	.29	2.955	112.24
27.6000	.00	1786.87	1787.45	.00	.29	2.954	112.24
27.6400	.00	1786.29	1786.87	.00	.29	2.953	112.24
27.6800	.00	1785.71	1786.29	.00	.29	2.952	112.24
27.7200	.00	1785.13	1785.71	.00	.29	2.951	112.24
27.7600	.00	1784.55	1785.13	.00	.29	2.950	112.24
27.8000	.00	1783.97	1784.55	.00	.29	2.949	112.24
27.8400	.00	1783.39	1783.97	.00	.29	2.948	112.24
27.8800	.00	1782.81	1783.39	.00	.29	2.947	112.23
27.9200	.00	1782.23	1782.81	.00	.29	2.946	112.23
27.9600	.00	1781.65	1782.23	.00	.29	2.945	112.23
28.0000	.00	1781.07	1781.65	.00	.29	2.944	112.23
28.0400	.00	1780.49	1781.07	.00	.29	2.943	112.23
28.0800	.00	1779.91	1780.49	.00	.29	2.942	112.23
28.1200	.00	1779.33	1779.91	.00	.29	2.941	112.23
28.1600	.00	1778.75	1779.33	.00	.29	2.941	112.23
28.2000	.00	1778.17	1778.75	.00	.29	2.940	112.23
28.2400	.00	1777.59	1778.17	.00	.29	2.939	112.23
28.2800	.00	1777.01	1777.59	.00	.29	2.938	112.23
28.3200	.00	1776.43	1777.01	.00	.29	2.937	112.22
28.3600	.00	1775.85	1776.43	.00	.29	2.936	112.22
28.4000	.00	1775.27	1775.85	.00	.29	2.935	112.22
28.4400	.00	1774.69	1775.27	.00	.29	2.934	112.22
28.4800	.00	1774.11	1774.69	.00	.29	2.933	112.22
28.5200	.00	1773.53	1774.11	.00	.29	2.932	112.22
28.5600	.00	1772.95	1773.53	.00	.29	2.931	112.22
28.6000	.00	1772.37	1772.95	.00	.29	2.930	112.22
28.6400	.00	1771.80	1772.37	.00	.29	2.929	112.22
28.6800	.00	1771.22	1771.80	.00	.29	2.928	112.22
28.7200	.00	1770.64	1771.22	.00	.29	2.927	112.22
28.7600	.00	1770.06	1770.64	.00	.29	2.926	112.21
28.8000	.00	1769.48	1770.06	.00	.29	2.925	112.21
28.8400	.00	1768.90	1769.48	.00	.29	2.924	112.21
28.8800	.00	1768.32	1768.90	.00	.29	2.923	112.21
28.9200	.00	1767.75	1768.32	.00	.29	2.922	112.21
28.9600	.00	1767.17	1767.75	.00	.29	2.921	112.21
29.0000	.00	1766.59	1767.17	.00	.29	2.920	112.21

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
29.0400	.00	1766.01	1766.59	.00	.29	2.919	112.21
29.0800	.00	1765.43	1766.01	.00	.29	2.919	112.21
29.1200	.00	1764.86	1765.43	.00	.29	2.918	112.21
29.1600	.00	1764.28	1764.86	.00	.29	2.917	112.21
29.2000	.00	1763.70	1764.28	.00	.29	2.916	112.20
29.2400	.00	1763.12	1763.70	.00	.29	2.915	112.20
29.2800	.00	1762.55	1763.12	.00	.29	2.914	112.20
29.3200	.00	1761.97	1762.55	.00	.29	2.913	112.20
29.3600	.00	1761.39	1761.97	.00	.29	2.912	112.20
29.4000	.00	1760.81	1761.39	.00	.29	2.911	112.20
29.4400	.00	1760.24	1760.81	.00	.29	2.910	112.20
29.4800	.00	1759.66	1760.24	.00	.29	2.909	112.20
29.5200	.00	1759.08	1759.66	.00	.29	2.908	112.20
29.5600	.00	1758.51	1759.08	.00	.29	2.907	112.20
29.6000	.00	1757.93	1758.51	.00	.29	2.906	112.20
29.6400	.00	1757.35	1757.93	.00	.29	2.905	112.19
29.6800	.00	1756.78	1757.35	.00	.29	2.904	112.19
29.7200	.00	1756.20	1756.78	.00	.29	2.903	112.19
29.7600	.00	1755.62	1756.20	.00	.29	2.902	112.19
29.8000	.00	1755.05	1755.62	.00	.29	2.901	112.19
29.8400	.00	1754.47	1755.05	.00	.29	2.900	112.19
29.8800	.00	1753.89	1754.47	.00	.29	2.899	112.19
29.9200	.00	1753.32	1753.89	.00	.29	2.898	112.19
29.9600	.00	1752.74	1753.32	.00	.29	2.898	112.19
30.0000	.00	1752.17	1752.74	.00	.29	2.897	112.19
30.0400	.00	1751.59	1752.17	.00	.29	2.896	112.19
30.0800	.00	1751.02	1751.59	.00	.29	2.895	112.18
30.1200	.00	1750.44	1751.02	.00	.29	2.894	112.18
30.1600	.00	1749.86	1750.44	.00	.29	2.893	112.18
30.2000	.00	1749.29	1749.86	.00	.29	2.892	112.18
30.2400	.00	1748.71	1749.29	.00	.29	2.891	112.18
30.2800	.00	1748.14	1748.71	.00	.29	2.890	112.18
30.3200	.00	1747.56	1748.14	.00	.29	2.889	112.18
30.3600	.00	1746.99	1747.56	.00	.29	2.888	112.18
30.4000	.00	1746.41	1746.99	.00	.29	2.887	112.18
30.4400	.00	1745.84	1746.41	.00	.29	2.886	112.18
30.4800	.00	1745.26	1745.84	.00	.29	2.885	112.18
30.5200	.00	1744.69	1745.26	.00	.29	2.884	112.17
30.5600	.00	1744.11	1744.69	.00	.29	2.883	112.17
30.6000	.00	1743.54	1744.11	.00	.29	2.882	112.17
30.6400	.00	1742.96	1743.54	.00	.29	2.881	112.17
30.6800	.00	1742.39	1742.96	.00	.29	2.880	112.17

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
30.7200	.00	1741.82	1742.39	.00	.29	2.879	112.17
30.7600	.00	1741.24	1741.82	.00	.29	2.878	112.17
30.8000	.00	1740.67	1741.24	.00	.29	2.878	112.17
30.8400	.00	1740.09	1740.67	.00	.29	2.877	112.17
30.8800	.00	1739.52	1740.09	.00	.29	2.876	112.17
30.9200	.00	1738.94	1739.52	.00	.29	2.875	112.17
30.9600	.00	1738.37	1738.94	.00	.29	2.874	112.16
31.0000	.00	1737.80	1738.37	.00	.29	2.873	112.16
31.0400	.00	1737.22	1737.80	.00	.29	2.872	112.16
31.0800	.00	1736.65	1737.22	.00	.29	2.871	112.16
31.1200	.00	1736.08	1736.65	.00	.29	2.870	112.16
31.1600	.00	1735.50	1736.08	.00	.29	2.869	112.16
31.2000	.00	1734.93	1735.50	.00	.29	2.868	112.16
31.2400	.00	1734.36	1734.93	.00	.29	2.867	112.16
31.2800	.00	1733.78	1734.36	.00	.29	2.866	112.16
31.3200	.00	1733.21	1733.78	.00	.29	2.865	112.16
31.3600	.00	1732.64	1733.21	.00	.29	2.864	112.16
31.4000	.00	1732.06	1732.64	.00	.29	2.863	112.16
31.4400	.00	1731.49	1732.06	.00	.29	2.862	112.15
31.4800	.00	1730.92	1731.49	.00	.29	2.861	112.15
31.5200	.00	1730.35	1730.92	.00	.29	2.860	112.15
31.5600	.00	1729.77	1730.35	.00	.29	2.860	112.15
31.6000	.00	1729.20	1729.77	.00	.29	2.859	112.15
31.6400	.00	1728.63	1729.20	.00	.29	2.858	112.15
31.6800	.00	1728.06	1728.63	.00	.29	2.857	112.15
31.7200	.00	1727.48	1728.06	.00	.29	2.856	112.15
31.7600	.00	1726.91	1727.48	.00	.29	2.855	112.15
31.8000	.00	1726.34	1726.91	.00	.29	2.854	112.15
31.8400	.00	1725.77	1726.34	.00	.29	2.853	112.15
31.8800	.00	1725.19	1725.77	.00	.29	2.852	112.14
31.9200	.00	1724.62	1725.19	.00	.29	2.851	112.14
31.9600	.00	1724.05	1724.62	.00	.29	2.850	112.14
32.0000	.00	1723.48	1724.05	.00	.29	2.849	112.14
32.0400	.00	1722.91	1723.48	.00	.29	2.848	112.14
32.0800	.00	1722.34	1722.91	.00	.29	2.847	112.14
32.1200	.00	1721.77	1722.34	.00	.29	2.846	112.14
32.1600	.00	1721.19	1721.77	.00	.29	2.845	112.14
32.2000	.00	1720.62	1721.19	.00	.29	2.844	112.14
32.2400	.00	1720.05	1720.62	.00	.29	2.843	112.14
32.2800	.00	1719.48	1720.05	.00	.29	2.842	112.14
32.3200	.00	1718.91	1719.48	.00	.29	2.842	112.13
32.3600	.00	1718.34	1718.91	.00	.29	2.841	112.13

LEVEL POOL ROUTING CALCULATIONS

HYG Dir               = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
32.4000	.00	1717.77	1718.34	.00	.29	2.840	112.13
32.4400	.00	1717.20	1717.77	.00	.29	2.839	112.13
32.4800	.00	1716.63	1717.20	.00	.29	2.838	112.13
32.5200	.00	1716.06	1716.63	.00	.29	2.837	112.13
32.5600	.00	1715.49	1716.06	.00	.29	2.836	112.13
32.6000	.00	1714.91	1715.49	.00	.29	2.835	112.13
32.6400	.00	1714.34	1714.91	.00	.29	2.834	112.13
32.6800	.00	1713.77	1714.34	.00	.29	2.833	112.13
32.7200	.00	1713.20	1713.77	.00	.29	2.832	112.13
32.7600	.00	1712.63	1713.20	.00	.29	2.831	112.12
32.8000	.00	1712.06	1712.63	.00	.28	2.830	112.12
32.8400	.00	1711.49	1712.06	.00	.28	2.829	112.12
32.8800	.00	1710.92	1711.49	.00	.28	2.828	112.12
32.9200	.00	1710.35	1710.92	.00	.28	2.827	112.12
32.9600	.00	1709.78	1710.35	.00	.28	2.827	112.12
33.0000	.00	1709.22	1709.78	.00	.28	2.826	112.12
33.0400	.00	1708.65	1709.22	.00	.28	2.825	112.12
33.0800	.00	1708.08	1708.65	.00	.28	2.824	112.12
33.1200	.00	1707.51	1708.08	.00	.28	2.823	112.12
33.1600	.00	1706.94	1707.51	.00	.28	2.822	112.12
33.2000	.00	1706.37	1706.94	.00	.28	2.821	112.11
33.2400	.00	1705.80	1706.37	.00	.28	2.820	112.11
33.2800	.00	1705.23	1705.80	.00	.28	2.819	112.11
33.3200	.00	1704.66	1705.23	.00	.28	2.818	112.11
33.3600	.00	1704.09	1704.66	.00	.28	2.817	112.11
33.4000	.00	1703.52	1704.09	.00	.28	2.816	112.11
33.4400	.00	1702.96	1703.52	.00	.28	2.815	112.11
33.4800	.00	1702.39	1702.96	.00	.28	2.814	112.11
33.5200	.00	1701.82	1702.39	.00	.28	2.813	112.11
33.5600	.00	1701.25	1701.82	.00	.28	2.812	112.11
33.6000	.00	1700.68	1701.25	.00	.28	2.811	112.11
33.6400	.00	1700.11	1700.68	.00	.28	2.811	112.10
33.6800	.00	1699.55	1700.11	.00	.28	2.810	112.10
33.7200	.00	1698.98	1699.55	.00	.28	2.809	112.10
33.7600	.00	1698.41	1698.98	.00	.28	2.808	112.10
33.8000	.00	1697.84	1698.41	.00	.28	2.807	112.10
33.8400	.00	1697.27	1697.84	.00	.28	2.806	112.10
33.8800	.00	1696.71	1697.27	.00	.28	2.805	112.10
33.9200	.00	1696.14	1696.71	.00	.28	2.804	112.10
33.9600	.00	1695.57	1696.14	.00	.28	2.803	112.10
34.0000	.00	1695.00	1695.57	.00	.28	2.802	112.10
34.0400	.00	1694.44	1695.00	.00	.28	2.801	112.10



LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
34.0800	.00	1693.87	1694.44	.00	.28	2.800	112.10
34.1200	.00	1693.30	1693.87	.00	.28	2.799	112.09
34.1600	.00	1692.73	1693.30	.00	.28	2.798	112.09
34.2000	.00	1692.17	1692.73	.00	.28	2.797	112.09
34.2400	.00	1691.60	1692.17	.00	.28	2.796	112.09
34.2800	.00	1691.03	1691.60	.00	.28	2.796	112.09
34.3200	.00	1690.47	1691.03	.00	.28	2.795	112.09
34.3600	.00	1689.90	1690.47	.00	.28	2.794	112.09
34.4000	.00	1689.33	1689.90	.00	.28	2.793	112.09
34.4400	.00	1688.77	1689.33	.00	.28	2.792	112.09
34.4800	.00	1688.20	1688.77	.00	.28	2.791	112.09
34.5200	.00	1687.63	1688.20	.00	.28	2.790	112.09
34.5600	.00	1687.07	1687.63	.00	.28	2.789	112.08
34.6000	.00	1686.50	1687.07	.00	.28	2.788	112.08
34.6400	.00	1685.94	1686.50	.00	.28	2.787	112.08
34.6800	.00	1685.37	1685.94	.00	.28	2.786	112.08
34.7200	.00	1684.80	1685.37	.00	.28	2.785	112.08
34.7600	.00	1684.24	1684.80	.00	.28	2.784	112.08
34.8000	.00	1683.67	1684.24	.00	.28	2.783	112.08
34.8400	.00	1683.11	1683.67	.00	.28	2.782	112.08
34.8800	.00	1682.54	1683.11	.00	.28	2.781	112.08
34.9200	.00	1681.98	1682.54	.00	.28	2.781	112.08
34.9600	.00	1681.41	1681.98	.00	.28	2.780	112.08
35.0000	.00	1680.84	1681.41	.00	.28	2.779	112.07
35.0400	.00	1680.28	1680.84	.00	.28	2.778	112.07
35.0800	.00	1679.71	1680.28	.00	.28	2.777	112.07
35.1200	.00	1679.15	1679.71	.00	.28	2.776	112.07
35.1600	.00	1678.58	1679.15	.00	.28	2.775	112.07
35.2000	.00	1678.02	1678.58	.00	.28	2.774	112.07
35.2400	.00	1677.45	1678.02	.00	.28	2.773	112.07
35.2800	.00	1676.89	1677.45	.00	.28	2.772	112.07
35.3200	.00	1676.32	1676.89	.00	.28	2.771	112.07
35.3600	.00	1675.76	1676.32	.00	.28	2.770	112.07
35.4000	.00	1675.20	1675.76	.00	.28	2.769	112.07
35.4400	.00	1674.63	1675.20	.00	.28	2.768	112.06
35.4800	.00	1674.07	1674.63	.00	.28	2.767	112.06
35.5200	.00	1673.50	1674.07	.00	.28	2.766	112.06
35.5600	.00	1672.94	1673.50	.00	.28	2.766	112.06
35.6000	.00	1672.37	1672.94	.00	.28	2.765	112.06
35.6400	.00	1671.81	1672.37	.00	.28	2.764	112.06
35.6800	.00	1671.25	1671.81	.00	.28	2.763	112.06
35.7200	.00	1670.68	1671.25	.00	.28	2.762	112.06

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
35.7600	.00	1670.12	1670.68	.00	.28	2.761	112.06
35.8000	.00	1669.56	1670.12	.00	.28	2.760	112.06
35.8400	.00	1668.99	1669.56	.00	.28	2.759	112.06
35.8800	.00	1668.43	1668.99	.00	.28	2.758	112.05
35.9200	.00	1667.87	1668.43	.00	.28	2.757	112.05
35.9600	.00	1667.30	1667.87	.00	.28	2.756	112.05
36.0000	.00	1666.74	1667.30	.00	.28	2.755	112.05
36.0400	.00	1666.18	1666.74	.00	.28	2.754	112.05
36.0800	.00	1665.61	1666.18	.00	.28	2.753	112.05
36.1200	.00	1665.05	1665.61	.00	.28	2.753	112.05
36.1600	.00	1664.49	1665.05	.00	.28	2.752	112.05
36.2000	.00	1663.92	1664.49	.00	.28	2.751	112.05
36.2400	.00	1663.36	1663.92	.00	.28	2.750	112.05
36.2800	.00	1662.80	1663.36	.00	.28	2.749	112.05
36.3200	.00	1662.24	1662.80	.00	.28	2.748	112.04
36.3600	.00	1661.67	1662.24	.00	.28	2.747	112.04
36.4000	.00	1661.11	1661.67	.00	.28	2.746	112.04
36.4400	.00	1660.55	1661.11	.00	.28	2.745	112.04
36.4800	.00	1659.99	1660.55	.00	.28	2.744	112.04
36.5200	.00	1659.43	1659.99	.00	.28	2.743	112.04
36.5600	.00	1658.86	1659.43	.00	.28	2.742	112.04
36.6000	.00	1658.30	1658.86	.00	.28	2.741	112.04
36.6400	.00	1657.74	1658.30	.00	.28	2.740	112.04
36.6800	.00	1657.18	1657.74	.00	.28	2.740	112.04
36.7200	.00	1656.62	1657.18	.00	.28	2.739	112.04
36.7600	.00	1656.05	1656.62	.00	.28	2.738	112.04
36.8000	.00	1655.49	1656.05	.00	.28	2.737	112.03
36.8400	.00	1654.93	1655.49	.00	.28	2.736	112.03
36.8800	.00	1654.37	1654.93	.00	.28	2.735	112.03
36.9200	.00	1653.81	1654.37	.00	.28	2.734	112.03
36.9600	.00	1653.25	1653.81	.00	.28	2.733	112.03
37.0000	.00	1652.69	1653.25	.00	.28	2.732	112.03
37.0400	.00	1652.13	1652.69	.00	.28	2.731	112.03
37.0800	.00	1651.56	1652.13	.00	.28	2.730	112.03
37.1200	.00	1651.00	1651.56	.00	.28	2.729	112.03
37.1600	.00	1650.44	1651.00	.00	.28	2.728	112.03
37.2000	.00	1649.88	1650.44	.00	.28	2.727	112.03
37.2400	.00	1649.32	1649.88	.00	.28	2.727	112.02
37.2800	.00	1648.76	1649.32	.00	.28	2.726	112.02
37.3200	.00	1648.20	1648.76	.00	.28	2.725	112.02
37.3600	.00	1647.64	1648.20	.00	.28	2.724	112.02
37.4000	.00	1647.08	1647.64	.00	.28	2.723	112.02

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
37.4400	.00	1646.52	1647.08	.00	.28	2.722	112.02
37.4800	.00	1645.96	1646.52	.00	.28	2.721	112.02
37.5200	.00	1645.40	1645.96	.00	.28	2.720	112.02
37.5600	.00	1644.84	1645.40	.00	.28	2.719	112.02
37.6000	.00	1644.28	1644.84	.00	.28	2.718	112.02
37.6400	.00	1643.72	1644.28	.00	.28	2.717	112.02
37.6800	.00	1643.16	1643.72	.00	.28	2.716	112.01
37.7200	.00	1642.60	1643.16	.00	.28	2.715	112.01
37.7600	.00	1642.04	1642.60	.00	.28	2.715	112.01
37.8000	.00	1641.48	1642.04	.00	.28	2.714	112.01
37.8400	.00	1640.92	1641.48	.00	.28	2.713	112.01
37.8800	.00	1640.36	1640.92	.00	.28	2.712	112.01
37.9200	.00	1639.81	1640.36	.00	.28	2.711	112.01
37.9600	.00	1639.25	1639.81	.00	.28	2.710	112.01
38.0000	.00	1638.69	1639.25	.00	.28	2.709	112.01
38.0400	.00	1638.13	1638.69	.00	.28	2.708	112.01
38.0800	.00	1637.57	1638.13	.00	.28	2.707	112.01
38.1200	.00	1637.01	1637.57	.00	.28	2.706	112.01
38.1600	.00	1636.45	1637.01	.00	.28	2.705	112.00
38.2000	.00	1635.89	1636.45	.00	.28	2.704	112.00
38.2400	.00	1635.34	1635.89	.00	.28	2.703	112.00
38.2800	.00	1634.78	1635.34	.00	.28	2.703	112.00
38.3200	.00	1634.22	1634.78	.00	.28	2.702	112.00
38.3600	.00	1633.66	1634.22	.00	.28	2.701	112.00
38.4000	.00	1633.10	1633.66	.00	.28	2.700	112.00
38.4400	.00	1632.54	1633.10	.00	.28	2.699	112.00
38.4800	.00	1631.99	1632.54	.00	.28	2.698	112.00
38.5200	.00	1631.43	1631.99	.00	.28	2.697	112.00
38.5600	.00	1630.87	1631.43	.00	.28	2.696	112.00
38.6000	.00	1630.31	1630.87	.00	.28	2.695	111.99
38.6400	.00	1629.76	1630.31	.00	.28	2.694	111.99
38.6800	.00	1629.20	1629.76	.00	.28	2.693	111.99
38.7200	.00	1628.64	1629.20	.00	.28	2.692	111.99
38.7600	.00	1628.08	1628.64	.00	.28	2.691	111.99
38.8000	.00	1627.53	1628.08	.00	.28	2.691	111.99
38.8400	.00	1626.97	1627.53	.00	.28	2.690	111.99
38.8800	.00	1626.41	1626.97	.00	.28	2.689	111.99
38.9200	.00	1625.85	1626.41	.00	.28	2.688	111.99
38.9600	.00	1625.30	1625.85	.00	.28	2.687	111.99
39.0000	.00	1624.74	1625.30	.00	.28	2.686	111.99
39.0400	.00	1624.18	1624.74	.00	.28	2.685	111.98
39.0800	.00	1623.63	1624.18	.00	.28	2.684	111.98

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
39.1200	.00	1623.07	1623.63	.00	.28	2.683	111.98
39.1600	.00	1622.51	1623.07	.00	.28	2.682	111.98
39.2000	.00	1621.96	1622.51	.00	.28	2.681	111.98
39.2400	.00	1621.40	1621.96	.00	.28	2.680	111.98
39.2800	.00	1620.85	1621.40	.00	.28	2.679	111.98
39.3200	.00	1620.29	1620.85	.00	.28	2.679	111.98
39.3600	.00	1619.73	1620.29	.00	.28	2.678	111.98
39.4000	.00	1619.18	1619.73	.00	.28	2.677	111.98
39.4400	.00	1618.62	1619.18	.00	.28	2.676	111.98
39.4800	.00	1618.07	1618.62	.00	.28	2.675	111.97
39.5200	.00	1617.51	1618.07	.00	.28	2.674	111.97
39.5600	.00	1616.95	1617.51	.00	.28	2.673	111.97
39.6000	.00	1616.40	1616.95	.00	.28	2.672	111.97
39.6400	.00	1615.84	1616.40	.00	.28	2.671	111.97
39.6800	.00	1615.29	1615.84	.00	.28	2.670	111.97
39.7200	.00	1614.73	1615.29	.00	.28	2.669	111.97
39.7600	.00	1614.18	1614.73	.00	.28	2.668	111.97
39.8000	.00	1613.62	1614.18	.00	.28	2.668	111.97
39.8400	.00	1613.07	1613.62	.00	.28	2.667	111.97
39.8800	.00	1612.51	1613.07	.00	.28	2.666	111.97
39.9200	.00	1611.96	1612.51	.00	.28	2.665	111.97
39.9600	.00	1611.40	1611.96	.00	.28	2.664	111.96
40.0000	.00	1610.85	1611.40	.00	.28	2.663	111.96
40.0400	.00	1610.29	1610.85	.00	.28	2.662	111.96
40.0800	.00	1609.74	1610.29	.00	.28	2.661	111.96
40.1200	.00	1609.19	1609.74	.00	.28	2.660	111.96
40.1600	.00	1608.63	1609.19	.00	.28	2.659	111.96
40.2000	.00	1608.08	1608.63	.00	.28	2.658	111.96
40.2400	.00	1607.52	1608.08	.00	.28	2.657	111.96
40.2800	.00	1606.97	1607.52	.00	.28	2.657	111.96
40.3200	.00	1606.41	1606.97	.00	.28	2.656	111.96
40.3600	.00	1605.86	1606.41	.00	.28	2.655	111.96
40.4000	.00	1605.31	1605.86	.00	.28	2.654	111.95
40.4400	.00	1604.75	1605.31	.00	.28	2.653	111.95
40.4800	.00	1604.20	1604.75	.00	.28	2.652	111.95
40.5200	.00	1603.65	1604.20	.00	.28	2.651	111.95
40.5600	.00	1603.09	1603.65	.00	.28	2.650	111.95
40.6000	.00	1602.54	1603.09	.00	.28	2.649	111.95
40.6400	.00	1601.99	1602.54	.00	.28	2.648	111.95
40.6800	.00	1601.43	1601.99	.00	.28	2.647	111.95
40.7200	.00	1600.88	1601.43	.00	.28	2.646	111.95
40.7600	.00	1600.33	1600.88	.00	.28	2.646	111.95

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
40.8000	.00	1599.77	1600.33	.00	.28	2.645	111.95
40.8400	.00	1599.22	1599.77	.00	.28	2.644	111.94
40.8800	.00	1598.67	1599.22	.00	.28	2.643	111.94
40.9200	.00	1598.12	1598.67	.00	.28	2.642	111.94
40.9600	.00	1597.56	1598.12	.00	.28	2.641	111.94
41.0000	.00	1597.01	1597.56	.00	.28	2.640	111.94
41.0400	.00	1596.46	1597.01	.00	.28	2.639	111.94
41.0800	.00	1595.91	1596.46	.00	.28	2.638	111.94
41.1200	.00	1595.35	1595.91	.00	.28	2.637	111.94
41.1600	.00	1594.80	1595.35	.00	.28	2.636	111.94
41.2000	.00	1594.25	1594.80	.00	.28	2.635	111.94
41.2400	.00	1593.70	1594.25	.00	.28	2.635	111.94
41.2800	.00	1593.15	1593.70	.00	.28	2.634	111.94
41.3200	.00	1592.59	1593.15	.00	.28	2.633	111.93
41.3600	.00	1592.04	1592.59	.00	.28	2.632	111.93
41.4000	.00	1591.49	1592.04	.00	.28	2.631	111.93
41.4400	.00	1590.94	1591.49	.00	.28	2.630	111.93
41.4800	.00	1590.39	1590.94	.00	.28	2.629	111.93
41.5200	.00	1589.84	1590.39	.00	.28	2.628	111.93
41.5600	.00	1589.28	1589.84	.00	.28	2.627	111.93
41.6000	.00	1588.73	1589.28	.00	.28	2.626	111.93
41.6400	.00	1588.18	1588.73	.00	.28	2.625	111.93
41.6800	.00	1587.63	1588.18	.00	.28	2.625	111.93
41.7200	.00	1587.08	1587.63	.00	.28	2.624	111.93
41.7600	.00	1586.53	1587.08	.00	.28	2.623	111.92
41.8000	.00	1585.98	1586.53	.00	.28	2.622	111.92
41.8400	.00	1585.43	1585.98	.00	.28	2.621	111.92
41.8800	.00	1584.88	1585.43	.00	.28	2.620	111.92
41.9200	.00	1584.33	1584.88	.00	.28	2.619	111.92
41.9600	.00	1583.78	1584.33	.00	.28	2.618	111.92
42.0000	.00	1583.22	1583.78	.00	.28	2.617	111.92
42.0400	.00	1582.67	1583.22	.00	.28	2.616	111.92
42.0800	.00	1582.12	1582.67	.00	.28	2.615	111.92
42.1200	.00	1581.57	1582.12	.00	.28	2.615	111.92
42.1600	.00	1581.02	1581.57	.00	.28	2.614	111.92
42.2000	.00	1580.47	1581.02	.00	.27	2.613	111.92
42.2400	.00	1579.92	1580.47	.00	.27	2.612	111.91
42.2800	.00	1579.37	1579.92	.00	.27	2.611	111.91
42.3200	.00	1578.82	1579.37	.00	.27	2.610	111.91
42.3600	.00	1578.28	1578.82	.00	.27	2.609	111.91
42.4000	.00	1577.73	1578.28	.00	.27	2.608	111.91
42.4400	.00	1577.18	1577.73	.00	.27	2.607	111.91

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
42.4800	.00	1576.63	1577.18	.00	.27	2.606	111.91
42.5200	.00	1576.08	1576.63	.00	.27	2.606	111.91
42.5600	.00	1575.53	1576.08	.00	.27	2.605	111.91
42.6000	.00	1574.98	1575.53	.00	.27	2.604	111.91
42.6400	.00	1574.43	1574.98	.00	.27	2.603	111.91
42.6800	.00	1573.88	1574.43	.00	.27	2.602	111.90
42.7200	.00	1573.33	1573.88	.00	.27	2.601	111.90
42.7600	.00	1572.78	1573.33	.00	.27	2.600	111.90
42.8000	.00	1572.24	1572.78	.00	.27	2.599	111.90
42.8400	.00	1571.69	1572.24	.00	.27	2.598	111.90
42.8800	.00	1571.14	1571.69	.00	.27	2.597	111.90
42.9200	.00	1570.59	1571.14	.00	.27	2.596	111.90
42.9600	.00	1570.04	1570.59	.00	.27	2.596	111.90
43.0000	.00	1569.49	1570.04	.00	.27	2.595	111.90
43.0400	.00	1568.94	1569.49	.00	.27	2.594	111.90
43.0800	.00	1568.40	1568.94	.00	.27	2.593	111.90
43.1200	.00	1567.85	1568.40	.00	.27	2.592	111.89
43.1600	.00	1567.30	1567.85	.00	.27	2.591	111.89
43.2000	.00	1566.75	1567.30	.00	.27	2.590	111.89
43.2400	.00	1566.21	1566.75	.00	.27	2.589	111.89
43.2800	.00	1565.66	1566.21	.00	.27	2.588	111.89
43.3200	.00	1565.11	1565.66	.00	.27	2.587	111.89
43.3600	.00	1564.56	1565.11	.00	.27	2.586	111.89
43.4000	.00	1564.02	1564.56	.00	.27	2.586	111.89
43.4400	.00	1563.47	1564.02	.00	.27	2.585	111.89
43.4800	.00	1562.92	1563.47	.00	.27	2.584	111.89
43.5200	.00	1562.37	1562.92	.00	.27	2.583	111.89
43.5600	.00	1561.83	1562.37	.00	.27	2.582	111.89
43.6000	.00	1561.28	1561.83	.00	.27	2.581	111.88
43.6400	.00	1560.73	1561.28	.00	.27	2.580	111.88
43.6800	.00	1560.19	1560.73	.00	.27	2.579	111.88
43.7200	.00	1559.64	1560.19	.00	.27	2.578	111.88
43.7600	.00	1559.09	1559.64	.00	.27	2.577	111.88
43.8000	.00	1558.55	1559.09	.00	.27	2.577	111.88
43.8400	.00	1558.00	1558.55	.00	.27	2.576	111.88
43.8800	.00	1557.45	1558.00	.00	.27	2.575	111.88
43.9200	.00	1556.91	1557.45	.00	.27	2.574	111.88
43.9600	.00	1556.36	1556.91	.00	.27	2.573	111.88
44.0000	.00	1555.81	1556.36	.00	.27	2.572	111.88
44.0400	.00	1555.27	1555.81	.00	.27	2.571	111.87
44.0800	.00	1554.72	1555.27	.00	.27	2.570	111.87
44.1200	.00	1554.18	1554.72	.00	.27	2.569	111.87

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
44.1600	.00	1553.63	1554.18	.00	.27	2.568	111.87
44.2000	.00	1553.09	1553.63	.00	.27	2.567	111.87
44.2400	.00	1552.54	1553.09	.00	.27	2.567	111.87
44.2800	.00	1551.99	1552.54	.00	.27	2.566	111.87
44.3200	.00	1551.45	1551.99	.00	.27	2.565	111.87
44.3600	.00	1550.90	1551.45	.00	.27	2.564	111.87
44.4000	.00	1550.36	1550.90	.00	.27	2.563	111.87
44.4400	.00	1549.81	1550.36	.00	.27	2.562	111.87
44.4800	.00	1549.27	1549.81	.00	.27	2.561	111.87
44.5200	.00	1548.72	1549.27	.00	.27	2.560	111.86
44.5600	.00	1548.18	1548.72	.00	.27	2.559	111.86
44.6000	.00	1547.63	1548.18	.00	.27	2.558	111.86
44.6400	.00	1547.09	1547.63	.00	.27	2.558	111.86
44.6800	.00	1546.54	1547.09	.00	.27	2.557	111.86
44.7200	.00	1546.00	1546.54	.00	.27	2.556	111.86
44.7600	.00	1545.46	1546.00	.00	.27	2.555	111.86
44.8000	.00	1544.91	1545.46	.00	.27	2.554	111.86
44.8400	.00	1544.37	1544.91	.00	.27	2.553	111.86
44.8800	.00	1543.82	1544.37	.00	.27	2.552	111.86
44.9200	.00	1543.28	1543.82	.00	.27	2.551	111.86
44.9600	.00	1542.73	1543.28	.00	.27	2.550	111.85
45.0000	.00	1542.19	1542.73	.00	.27	2.549	111.85
45.0400	.00	1541.65	1542.19	.00	.27	2.549	111.85
45.0800	.00	1541.10	1541.65	.00	.27	2.548	111.85
45.1200	.00	1540.56	1541.10	.00	.27	2.547	111.85
45.1600	.00	1540.02	1540.56	.00	.27	2.546	111.85
45.2000	.00	1539.47	1540.02	.00	.27	2.545	111.85
45.2400	.00	1538.93	1539.47	.00	.27	2.544	111.85
45.2800	.00	1538.39	1538.93	.00	.27	2.543	111.85
45.3200	.00	1537.84	1538.39	.00	.27	2.542	111.85
45.3600	.00	1537.30	1537.84	.00	.27	2.541	111.85
45.4000	.00	1536.76	1537.30	.00	.27	2.540	111.85
45.4400	.00	1536.21	1536.76	.00	.27	2.540	111.84
45.4800	.00	1535.67	1536.21	.00	.27	2.539	111.84
45.5200	.00	1535.13	1535.67	.00	.27	2.538	111.84
45.5600	.00	1534.59	1535.13	.00	.27	2.537	111.84
45.6000	.00	1534.04	1534.59	.00	.27	2.536	111.84
45.6400	.00	1533.50	1534.04	.00	.27	2.535	111.84
45.6800	.00	1532.96	1533.50	.00	.27	2.534	111.84
45.7200	.00	1532.42	1532.96	.00	.27	2.533	111.84
45.7600	.00	1531.87	1532.42	.00	.27	2.532	111.84
45.8000	.00	1531.33	1531.87	.00	.27	2.531	111.84

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
45.8400	.00	1530.79	1531.33	.00	.27	2.531	111.84
45.8800	.00	1530.25	1530.79	.00	.27	2.530	111.83
45.9200	.00	1529.70	1530.25	.00	.27	2.529	111.83
45.9600	.00	1529.16	1529.70	.00	.27	2.528	111.83
46.0000	.00	1528.62	1529.16	.00	.27	2.527	111.83
46.0400	.00	1528.08	1528.62	.00	.27	2.526	111.83
46.0800	.00	1527.54	1528.08	.00	.27	2.525	111.83
46.1200	.00	1527.00	1527.54	.00	.27	2.524	111.83
46.1600	.00	1526.45	1527.00	.00	.27	2.523	111.83
46.2000	.00	1525.91	1526.45	.00	.27	2.523	111.83
46.2400	.00	1525.37	1525.91	.00	.27	2.522	111.83
46.2800	.00	1524.83	1525.37	.00	.27	2.521	111.83
46.3200	.00	1524.29	1524.83	.00	.27	2.520	111.83
46.3600	.00	1523.75	1524.29	.00	.27	2.519	111.82
46.4000	.00	1523.21	1523.75	.00	.27	2.518	111.82
46.4400	.00	1522.67	1523.21	.00	.27	2.517	111.82
46.4800	.00	1522.13	1522.67	.00	.27	2.516	111.82
46.5200	.00	1521.59	1522.13	.00	.27	2.515	111.82
46.5600	.00	1521.05	1521.59	.00	.27	2.515	111.82
46.6000	.00	1520.50	1521.05	.00	.27	2.514	111.82
46.6400	.00	1519.96	1520.50	.00	.27	2.513	111.82
46.6800	.00	1519.42	1519.96	.00	.27	2.512	111.82
46.7200	.00	1518.88	1519.42	.00	.27	2.511	111.82
46.7600	.00	1518.34	1518.88	.00	.27	2.510	111.82
46.8000	.00	1517.80	1518.34	.00	.27	2.509	111.81
46.8400	.00	1517.26	1517.80	.00	.27	2.508	111.81
46.8800	.00	1516.72	1517.26	.00	.27	2.507	111.81
46.9200	.00	1516.18	1516.72	.00	.27	2.506	111.81
46.9600	.00	1515.64	1516.18	.00	.27	2.506	111.81
47.0000	.00	1515.10	1515.64	.00	.27	2.505	111.81
47.0400	.00	1514.57	1515.10	.00	.27	2.504	111.81
47.0800	.00	1514.03	1514.57	.00	.27	2.503	111.81
47.1200	.00	1513.49	1514.03	.00	.27	2.502	111.81
47.1600	.00	1512.95	1513.49	.00	.27	2.501	111.81
47.2000	.00	1512.41	1512.95	.00	.27	2.500	111.81
47.2400	.00	1511.87	1512.41	.00	.27	2.499	111.81
47.2800	.00	1511.33	1511.87	.00	.27	2.498	111.80
47.3200	.00	1510.79	1511.33	.00	.27	2.498	111.80
47.3600	.00	1510.25	1510.79	.00	.27	2.497	111.80
47.4000	.00	1509.71	1510.25	.00	.27	2.496	111.80
47.4400	.00	1509.17	1509.71	.00	.27	2.495	111.80
47.4800	.00	1508.64	1509.17	.00	.27	2.494	111.80



LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
47.5200	.00	1508.10	1508.64	.00	.27	2.493	111.80
47.5600	.00	1507.56	1508.10	.00	.27	2.492	111.80
47.6000	.00	1507.02	1507.56	.00	.27	2.491	111.80
47.6400	.00	1506.48	1507.02	.00	.27	2.490	111.80
47.6800	.00	1505.94	1506.48	.00	.27	2.490	111.80
47.7200	.00	1505.41	1505.94	.00	.27	2.489	111.79
47.7600	.00	1504.87	1505.41	.00	.27	2.488	111.79
47.8000	.00	1504.33	1504.87	.00	.27	2.487	111.79
47.8400	.00	1503.79	1504.33	.00	.27	2.486	111.79
47.8800	.00	1503.26	1503.79	.00	.27	2.485	111.79
47.9200	.00	1502.72	1503.26	.00	.27	2.484	111.79
47.9600	.00	1502.18	1502.72	.00	.27	2.483	111.79
48.0000	.00	1501.64	1502.18	.00	.27	2.482	111.79
48.0400	.00	1501.10	1501.64	.00	.27	2.482	111.79
48.0800	.00	1500.57	1501.10	.00	.27	2.481	111.79
48.1200	.00	1500.03	1500.57	.00	.27	2.480	111.79
48.1600	.00	1499.49	1500.03	.00	.27	2.479	111.79
48.2000	.00	1498.96	1499.49	.00	.27	2.478	111.78
48.2400	.00	1498.42	1498.96	.00	.27	2.477	111.78
48.2800	.00	1497.88	1498.42	.00	.27	2.476	111.78
48.3200	.00	1497.35	1497.88	.00	.27	2.475	111.78
48.3600	.00	1496.81	1497.35	.00	.27	2.474	111.78
48.4000	.00	1496.27	1496.81	.00	.27	2.474	111.78
48.4400	.00	1495.74	1496.27	.00	.27	2.473	111.78
48.4800	.00	1495.20	1495.74	.00	.27	2.472	111.78
48.5200	.00	1494.66	1495.20	.00	.27	2.471	111.78
48.5600	.00	1494.13	1494.66	.00	.27	2.470	111.78
48.6000	.00	1493.59	1494.13	.00	.27	2.469	111.78
48.6400	.00	1493.06	1493.59	.00	.27	2.468	111.77
48.6800	.00	1492.52	1493.06	.00	.27	2.467	111.77
48.7200	.00	1491.98	1492.52	.00	.27	2.466	111.77
48.7600	.00	1491.45	1491.98	.00	.27	2.466	111.77
48.8000	.00	1490.91	1491.45	.00	.27	2.465	111.77
48.8400	.00	1490.38	1490.91	.00	.27	2.464	111.77
48.8800	.00	1489.84	1490.38	.00	.27	2.463	111.77
48.9200	.00	1489.31	1489.84	.00	.27	2.462	111.77
48.9600	.00	1488.77	1489.31	.00	.27	2.461	111.77
49.0000	.00	1488.23	1488.77	.00	.27	2.460	111.77
49.0400	.00	1487.70	1488.23	.00	.27	2.459	111.77
49.0800	.00	1487.16	1487.70	.00	.27	2.458	111.77
49.1200	.00	1486.63	1487.16	.00	.27	2.458	111.76
49.1600	.00	1486.09	1486.63	.00	.27	2.457	111.76

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
49.2000	.00	1485.56	1486.09	.00	.27	2.456	111.76
49.2400	.00	1485.02	1485.56	.00	.27	2.455	111.76
49.2800	.00	1484.49	1485.02	.00	.27	2.454	111.76
49.3200	.00	1483.96	1484.49	.00	.27	2.453	111.76
49.3600	.00	1483.42	1483.96	.00	.27	2.452	111.76
49.4000	.00	1482.89	1483.42	.00	.27	2.451	111.76
49.4400	.00	1482.35	1482.89	.00	.27	2.451	111.76
49.4800	.00	1481.82	1482.35	.00	.27	2.450	111.76
49.5200	.00	1481.28	1481.82	.00	.27	2.449	111.76
49.5600	.00	1480.75	1481.28	.00	.27	2.448	111.75
49.6000	.00	1480.22	1480.75	.00	.27	2.447	111.75
49.6400	.00	1479.68	1480.22	.00	.27	2.446	111.75
49.6800	.00	1479.15	1479.68	.00	.27	2.445	111.75
49.7200	.00	1478.61	1479.15	.00	.27	2.444	111.75
49.7600	.00	1478.08	1478.61	.00	.27	2.443	111.75
49.8000	.00	1477.55	1478.08	.00	.27	2.443	111.75
49.8400	.00	1477.01	1477.55	.00	.27	2.442	111.75
49.8800	.00	1476.48	1477.01	.00	.27	2.441	111.75
49.9200	.00	1475.95	1476.48	.00	.27	2.440	111.75
49.9600	.00	1475.41	1475.95	.00	.27	2.439	111.75
50.0000	.00	1474.88	1475.41	.00	.27	2.438	111.75
50.0400	.00	1474.35	1474.88	.00	.27	2.437	111.74
50.0800	.00	1473.82	1474.35	.00	.27	2.436	111.74
50.1200	.00	1473.28	1473.82	.00	.27	2.436	111.74
50.1600	.00	1472.75	1473.28	.00	.27	2.435	111.74
50.2000	.00	1472.22	1472.75	.00	.27	2.434	111.74
50.2400	.00	1471.68	1472.22	.00	.27	2.433	111.74
50.2800	.00	1471.15	1471.68	.00	.27	2.432	111.74
50.3200	.00	1470.62	1471.15	.00	.27	2.431	111.74
50.3600	.00	1470.09	1470.62	.00	.27	2.430	111.74
50.4000	.00	1469.56	1470.09	.00	.27	2.429	111.74
50.4400	.00	1469.02	1469.56	.00	.27	2.428	111.74
50.4800	.00	1468.49	1469.02	.00	.27	2.428	111.74
50.5200	.00	1467.96	1468.49	.00	.27	2.427	111.73
50.5600	.00	1467.43	1467.96	.00	.27	2.426	111.73
50.6000	.00	1466.90	1467.43	.00	.27	2.425	111.73
50.6400	.00	1466.36	1466.90	.00	.27	2.424	111.73
50.6800	.00	1465.83	1466.36	.00	.27	2.423	111.73
50.7200	.00	1465.30	1465.83	.00	.27	2.422	111.73
50.7600	.00	1464.77	1465.30	.00	.27	2.421	111.73
50.8000	.00	1464.24	1464.77	.00	.27	2.421	111.73
50.8400	.00	1463.71	1464.24	.00	.27	2.420	111.73

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN                IN 100YR  
 Outflow HYG file = NONE STORED - BASIN                OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
50.8800	.00	1463.18	1463.71	.00	.27	2.419	111.73
50.9200	.00	1462.64	1463.18	.00	.27	2.418	111.73
50.9600	.00	1462.11	1462.64	.00	.27	2.417	111.72
51.0000	.00	1461.58	1462.11	.00	.27	2.416	111.72
51.0400	.00	1461.05	1461.58	.00	.27	2.415	111.72
51.0800	.00	1460.52	1461.05	.00	.27	2.414	111.72
51.1200	.00	1459.99	1460.52	.00	.27	2.414	111.72
51.1600	.00	1459.46	1459.99	.00	.27	2.413	111.72
51.2000	.00	1458.93	1459.46	.00	.27	2.412	111.72
51.2400	.00	1458.40	1458.93	.00	.27	2.411	111.72
51.2800	.00	1457.87	1458.40	.00	.27	2.410	111.72
51.3200	.00	1457.34	1457.87	.00	.27	2.409	111.72
51.3600	.00	1456.81	1457.34	.00	.27	2.408	111.72
51.4000	.00	1456.28	1456.81	.00	.27	2.407	111.72
51.4400	.00	1455.75	1456.28	.00	.26	2.407	111.71
51.4800	.00	1455.22	1455.75	.00	.26	2.406	111.71
51.5200	.00	1454.69	1455.22	.00	.26	2.405	111.71
51.5600	.00	1454.16	1454.69	.00	.26	2.404	111.71
51.6000	.00	1453.63	1454.16	.00	.26	2.403	111.71
51.6400	.00	1453.10	1453.63	.00	.26	2.402	111.71
51.6800	.00	1452.57	1453.10	.00	.26	2.401	111.71
51.7200	.00	1452.04	1452.57	.00	.26	2.400	111.71
51.7600	.00	1451.51	1452.04	.00	.26	2.400	111.71
51.8000	.00	1450.98	1451.51	.00	.26	2.399	111.71
51.8400	.00	1450.45	1450.98	.00	.26	2.398	111.71
51.8800	.00	1449.92	1450.45	.00	.26	2.397	111.71
51.9200	.00	1449.39	1449.92	.00	.26	2.396	111.70
51.9600	.00	1448.87	1449.39	.00	.26	2.395	111.70
52.0000	.00	1448.34	1448.87	.00	.26	2.394	111.70
52.0400	.00	1447.81	1448.34	.00	.26	2.394	111.70
52.0800	.00	1447.28	1447.81	.00	.26	2.393	111.70
52.1200	.00	1446.75	1447.28	.00	.26	2.392	111.70
52.1600	.00	1446.22	1446.75	.00	.26	2.391	111.70
52.2000	.00	1445.69	1446.22	.00	.26	2.390	111.70
52.2400	.00	1445.17	1445.69	.00	.26	2.389	111.70
52.2800	.00	1444.64	1445.17	.00	.26	2.388	111.70
52.3200	.00	1444.11	1444.64	.00	.26	2.387	111.70
52.3600	.00	1443.58	1444.11	.00	.26	2.387	111.69
52.4000	.00	1443.05	1443.58	.00	.26	2.386	111.69
52.4400	.00	1442.53	1443.05	.00	.26	2.385	111.69
52.4800	.00	1442.00	1442.53	.00	.26	2.384	111.69
52.5200	.00	1441.47	1442.00	.00	.26	2.383	111.69

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
52.5600	.00	1440.94	1441.47	.00	.26	2.382	111.69
52.6000	.00	1440.42	1440.94	.00	.26	2.381	111.69
52.6400	.00	1439.89	1440.42	.00	.26	2.380	111.69
52.6800	.00	1439.36	1439.89	.00	.26	2.380	111.69
52.7200	.00	1438.83	1439.36	.00	.26	2.379	111.69
52.7600	.00	1438.31	1438.83	.00	.26	2.378	111.69
52.8000	.00	1437.78	1438.31	.00	.26	2.377	111.69
52.8400	.00	1437.25	1437.78	.00	.26	2.376	111.68
52.8800	.00	1436.73	1437.25	.00	.26	2.375	111.68
52.9200	.00	1436.20	1436.73	.00	.26	2.374	111.68
52.9600	.00	1435.67	1436.20	.00	.26	2.373	111.68
53.0000	.00	1435.15	1435.67	.00	.26	2.373	111.68
53.0400	.00	1434.62	1435.15	.00	.26	2.372	111.68
53.0800	.00	1434.09	1434.62	.00	.26	2.371	111.68
53.1200	.00	1433.57	1434.09	.00	.26	2.370	111.68
53.1600	.00	1433.04	1433.57	.00	.26	2.369	111.68
53.2000	.00	1432.52	1433.04	.00	.26	2.368	111.68
53.2400	.00	1431.99	1432.52	.00	.26	2.367	111.68
53.2800	.00	1431.46	1431.99	.00	.26	2.366	111.68
53.3200	.00	1430.94	1431.46	.00	.26	2.366	111.67
53.3600	.00	1430.41	1430.94	.00	.26	2.365	111.67
53.4000	.00	1429.89	1430.41	.00	.26	2.364	111.67
53.4400	.00	1429.36	1429.89	.00	.26	2.363	111.67
53.4800	.00	1428.83	1429.36	.00	.26	2.362	111.67
53.5200	.00	1428.31	1428.83	.00	.26	2.361	111.67
53.5600	.00	1427.78	1428.31	.00	.26	2.360	111.67
53.6000	.00	1427.26	1427.78	.00	.26	2.359	111.67
53.6400	.00	1426.73	1427.26	.00	.26	2.359	111.67
53.6800	.00	1426.21	1426.73	.00	.26	2.358	111.67
53.7200	.00	1425.68	1426.21	.00	.26	2.357	111.67
53.7600	.00	1425.16	1425.68	.00	.26	2.356	111.66
53.8000	.00	1424.63	1425.16	.00	.26	2.355	111.66
53.8400	.00	1424.11	1424.63	.00	.26	2.354	111.66
53.8800	.00	1423.58	1424.11	.00	.26	2.353	111.66
53.9200	.00	1423.06	1423.58	.00	.26	2.353	111.66
53.9600	.00	1422.54	1423.06	.00	.26	2.352	111.66
54.0000	.00	1422.01	1422.54	.00	.26	2.351	111.66
54.0400	.00	1421.49	1422.01	.00	.26	2.350	111.66
54.0800	.00	1420.96	1421.49	.00	.26	2.349	111.66
54.1200	.00	1420.44	1420.96	.00	.26	2.348	111.66
54.1600	.00	1419.91	1420.44	.00	.26	2.347	111.66
54.2000	.00	1419.39	1419.91	.00	.26	2.346	111.66

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
54.2400	.00	1418.87	1419.39	.00	.26	2.346	111.65
54.2800	.00	1418.34	1418.87	.00	.26	2.345	111.65
54.3200	.00	1417.82	1418.34	.00	.26	2.344	111.65
54.3600	.00	1417.30	1417.82	.00	.26	2.343	111.65
54.4000	.00	1416.77	1417.30	.00	.26	2.342	111.65
54.4400	.00	1416.25	1416.77	.00	.26	2.341	111.65
54.4800	.00	1415.73	1416.25	.00	.26	2.340	111.65
54.5200	.00	1415.20	1415.73	.00	.26	2.340	111.65
54.5600	.00	1414.68	1415.20	.00	.26	2.339	111.65
54.6000	.00	1414.16	1414.68	.00	.26	2.338	111.65
54.6400	.00	1413.63	1414.16	.00	.26	2.337	111.65
54.6800	.00	1413.11	1413.63	.00	.26	2.336	111.65
54.7200	.00	1412.59	1413.11	.00	.26	2.335	111.64
54.7600	.00	1412.06	1412.59	.00	.26	2.334	111.64
54.8000	.00	1411.54	1412.06	.00	.26	2.333	111.64
54.8400	.00	1411.02	1411.54	.00	.26	2.333	111.64
54.8800	.00	1410.50	1411.02	.00	.26	2.332	111.64
54.9200	.00	1409.97	1410.50	.00	.26	2.331	111.64
54.9600	.00	1409.45	1409.97	.00	.26	2.330	111.64
55.0000	.00	1408.93	1409.45	.00	.26	2.329	111.64
55.0400	.00	1408.41	1408.93	.00	.26	2.328	111.64
55.0800	.00	1407.89	1408.41	.00	.26	2.327	111.64
55.1200	.00	1407.36	1407.89	.00	.26	2.327	111.64
55.1600	.00	1406.84	1407.36	.00	.26	2.326	111.64
55.2000	.00	1406.32	1406.84	.00	.26	2.325	111.63
55.2400	.00	1405.80	1406.32	.00	.26	2.324	111.63
55.2800	.00	1405.28	1405.80	.00	.26	2.323	111.63
55.3200	.00	1404.76	1405.28	.00	.26	2.322	111.63
55.3600	.00	1404.23	1404.76	.00	.26	2.321	111.63
55.4000	.00	1403.71	1404.23	.00	.26	2.321	111.63
55.4400	.00	1403.19	1403.71	.00	.26	2.320	111.63
55.4800	.00	1402.67	1403.19	.00	.26	2.319	111.63
55.5200	.00	1402.15	1402.67	.00	.26	2.318	111.63
55.5600	.00	1401.63	1402.15	.00	.26	2.317	111.63
55.6000	.00	1401.11	1401.63	.00	.26	2.316	111.63
55.6400	.00	1400.59	1401.11	.00	.26	2.315	111.62
55.6800	.00	1400.07	1400.59	.00	.26	2.315	111.62
55.7200	.00	1399.55	1400.07	.00	.26	2.314	111.62
55.7600	.00	1399.03	1399.55	.00	.26	2.313	111.62
55.8000	.00	1398.51	1399.03	.00	.26	2.312	111.62
55.8400	.00	1397.98	1398.51	.00	.26	2.311	111.62
55.8800	.00	1397.46	1397.98	.00	.26	2.310	111.62

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
55.9200	.00	1396.94	1397.46	.00	.26	2.309	111.62
55.9600	.00	1396.42	1396.94	.00	.26	2.309	111.62
56.0000	.00	1395.90	1396.42	.00	.26	2.308	111.62
56.0400	.00	1395.38	1395.90	.00	.26	2.307	111.62
56.0800	.00	1394.86	1395.38	.00	.26	2.306	111.62
56.1200	.00	1394.34	1394.86	.00	.26	2.305	111.61
56.1600	.00	1393.83	1394.34	.00	.26	2.304	111.61
56.2000	.00	1393.31	1393.83	.00	.26	2.303	111.61
56.2400	.00	1392.79	1393.31	.00	.26	2.303	111.61
56.2800	.00	1392.27	1392.79	.00	.26	2.302	111.61
56.3200	.00	1391.75	1392.27	.00	.26	2.301	111.61
56.3600	.00	1391.23	1391.75	.00	.26	2.300	111.61
56.4000	.00	1390.71	1391.23	.00	.26	2.299	111.61
56.4400	.00	1390.19	1390.71	.00	.26	2.298	111.61
56.4800	.00	1389.67	1390.19	.00	.26	2.297	111.61
56.5200	.00	1389.15	1389.67	.00	.26	2.297	111.61
56.5600	.00	1388.63	1389.15	.00	.26	2.296	111.61
56.6000	.00	1388.11	1388.63	.00	.26	2.295	111.60
56.6400	.00	1387.60	1388.11	.00	.26	2.294	111.60
56.6800	.00	1387.08	1387.60	.00	.26	2.293	111.60
56.7200	.00	1386.56	1387.08	.00	.26	2.292	111.60
56.7600	.00	1386.04	1386.56	.00	.26	2.291	111.60
56.8000	.00	1385.52	1386.04	.00	.26	2.291	111.60
56.8400	.00	1385.00	1385.52	.00	.26	2.290	111.60
56.8800	.00	1384.49	1385.00	.00	.26	2.289	111.60
56.9200	.00	1383.97	1384.49	.00	.26	2.288	111.60
56.9600	.00	1383.45	1383.97	.00	.26	2.287	111.60
57.0000	.00	1382.93	1383.45	.00	.26	2.286	111.60
57.0400	.00	1382.41	1382.93	.00	.26	2.285	111.60
57.0800	.00	1381.90	1382.41	.00	.26	2.285	111.59
57.1200	.00	1381.38	1381.90	.00	.26	2.284	111.59
57.1600	.00	1380.86	1381.38	.00	.26	2.283	111.59
57.2000	.00	1380.34	1380.86	.00	.26	2.282	111.59
57.2400	.00	1379.83	1380.34	.00	.26	2.281	111.59
57.2800	.00	1379.31	1379.83	.00	.26	2.280	111.59
57.3200	.00	1378.79	1379.31	.00	.26	2.279	111.59
57.3600	.00	1378.28	1378.79	.00	.26	2.279	111.59
57.4000	.00	1377.76	1378.28	.00	.26	2.278	111.59
57.4400	.00	1377.24	1377.76	.00	.26	2.277	111.59
57.4800	.00	1376.73	1377.24	.00	.26	2.276	111.59
57.5200	.00	1376.21	1376.73	.00	.26	2.275	111.59
57.5600	.00	1375.69	1376.21	.00	.26	2.274	111.58

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
57.6000	.00	1375.18	1375.69	.00	.26	2.273	111.58
57.6400	.00	1374.66	1375.18	.00	.26	2.273	111.58
57.6800	.00	1374.14	1374.66	.00	.26	2.272	111.58
57.7200	.00	1373.63	1374.14	.00	.26	2.271	111.58
57.7600	.00	1373.11	1373.63	.00	.26	2.270	111.58
57.8000	.00	1372.59	1373.11	.00	.26	2.269	111.58
57.8400	.00	1372.08	1372.59	.00	.26	2.268	111.58
57.8800	.00	1371.56	1372.08	.00	.26	2.267	111.58
57.9200	.00	1371.05	1371.56	.00	.26	2.267	111.58
57.9600	.00	1370.53	1371.05	.00	.26	2.266	111.58
58.0000	.00	1370.02	1370.53	.00	.26	2.265	111.57
58.0400	.00	1369.50	1370.02	.00	.26	2.264	111.57
58.0800	.00	1368.99	1369.50	.00	.26	2.263	111.57
58.1200	.00	1368.47	1368.99	.00	.26	2.262	111.57
58.1600	.00	1367.95	1368.47	.00	.26	2.261	111.57
58.2000	.00	1367.44	1367.95	.00	.26	2.261	111.57
58.2400	.00	1366.92	1367.44	.00	.26	2.260	111.57
58.2800	.00	1366.41	1366.92	.00	.26	2.259	111.57
58.3200	.00	1365.89	1366.41	.00	.26	2.258	111.57
58.3600	.00	1365.38	1365.89	.00	.26	2.257	111.57
58.4000	.00	1364.87	1365.38	.00	.26	2.256	111.57
58.4400	.00	1364.35	1364.87	.00	.26	2.255	111.57
58.4800	.00	1363.84	1364.35	.00	.26	2.255	111.56
58.5200	.00	1363.32	1363.84	.00	.26	2.254	111.56
58.5600	.00	1362.81	1363.32	.00	.26	2.253	111.56
58.6000	.00	1362.29	1362.81	.00	.26	2.252	111.56
58.6400	.00	1361.78	1362.29	.00	.26	2.251	111.56
58.6800	.00	1361.26	1361.78	.00	.26	2.250	111.56
58.7200	.00	1360.75	1361.26	.00	.26	2.250	111.56
58.7600	.00	1360.24	1360.75	.00	.26	2.249	111.56
58.8000	.00	1359.72	1360.24	.00	.26	2.248	111.56
58.8400	.00	1359.21	1359.72	.00	.26	2.247	111.56
58.8800	.00	1358.70	1359.21	.00	.26	2.246	111.56
58.9200	.00	1358.18	1358.70	.00	.26	2.245	111.56
58.9600	.00	1357.67	1358.18	.00	.26	2.244	111.55
59.0000	.00	1357.15	1357.67	.00	.26	2.244	111.55
59.0400	.00	1356.64	1357.15	.00	.26	2.243	111.55
59.0800	.00	1356.13	1356.64	.00	.26	2.242	111.55
59.1200	.00	1355.62	1356.13	.00	.26	2.241	111.55
59.1600	.00	1355.10	1355.62	.00	.26	2.240	111.55
59.2000	.00	1354.59	1355.10	.00	.26	2.239	111.55
59.2400	.00	1354.08	1354.59	.00	.26	2.238	111.55

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
59.2800	.00	1353.56	1354.08	.00	.26	2.238	111.55
59.3200	.00	1353.05	1353.56	.00	.26	2.237	111.55
59.3600	.00	1352.54	1353.05	.00	.26	2.236	111.55
59.4000	.00	1352.03	1352.54	.00	.26	2.235	111.55
59.4400	.00	1351.51	1352.03	.00	.26	2.234	111.54
59.4800	.00	1351.00	1351.51	.00	.26	2.233	111.54
59.5200	.00	1350.49	1351.00	.00	.26	2.233	111.54
59.5600	.00	1349.98	1350.49	.00	.26	2.232	111.54
59.6000	.00	1349.46	1349.98	.00	.26	2.231	111.54
59.6400	.00	1348.95	1349.46	.00	.26	2.230	111.54
59.6800	.00	1348.44	1348.95	.00	.26	2.229	111.54
59.7200	.00	1347.93	1348.44	.00	.26	2.228	111.54
59.7600	.00	1347.42	1347.93	.00	.26	2.227	111.54
59.8000	.00	1346.91	1347.42	.00	.26	2.227	111.54
59.8400	.00	1346.39	1346.91	.00	.26	2.226	111.54
59.8800	.00	1345.88	1346.39	.00	.26	2.225	111.54
59.9200	.00	1345.37	1345.88	.00	.26	2.224	111.53
59.9600	.00	1344.86	1345.37	.00	.26	2.223	111.53
60.0000	.00	1344.35	1344.86	.00	.26	2.222	111.53
60.0400	.00	1343.84	1344.35	.00	.26	2.222	111.53
60.0800	.00	1343.33	1343.84	.00	.26	2.221	111.53
60.1200	.00	1342.82	1343.33	.00	.26	2.220	111.53
60.1600	.00	1342.31	1342.82	.00	.26	2.219	111.53
60.2000	.00	1341.79	1342.31	.00	.26	2.218	111.53
60.2400	.00	1341.28	1341.79	.00	.26	2.217	111.53
60.2800	.00	1340.77	1341.28	.00	.26	2.217	111.53
60.3200	.00	1340.26	1340.77	.00	.26	2.216	111.53
60.3600	.00	1339.75	1340.26	.00	.26	2.215	111.53
60.4000	.00	1339.24	1339.75	.00	.26	2.214	111.52
60.4400	.00	1338.73	1339.24	.00	.26	2.213	111.52
60.4800	.00	1338.22	1338.73	.00	.26	2.212	111.52
60.5200	.00	1337.71	1338.22	.00	.26	2.211	111.52
60.5600	.00	1337.20	1337.71	.00	.25	2.211	111.52
60.6000	.00	1336.69	1337.20	.00	.25	2.210	111.52
60.6400	.00	1336.18	1336.69	.00	.25	2.209	111.52
60.6800	.00	1335.67	1336.18	.00	.25	2.208	111.52
60.7200	.00	1335.16	1335.67	.00	.25	2.207	111.52
60.7600	.00	1334.65	1335.16	.00	.25	2.206	111.52
60.8000	.00	1334.14	1334.65	.00	.25	2.206	111.52
60.8400	.00	1333.63	1334.14	.00	.25	2.205	111.52
60.8800	.00	1333.13	1333.63	.00	.25	2.204	111.51
60.9200	.00	1332.62	1333.13	.00	.25	2.203	111.51



LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
60.9600	.00	1332.11	1332.62	.00	.25	2.202	111.51
61.0000	.00	1331.60	1332.11	.00	.25	2.201	111.51
61.0400	.00	1331.09	1331.60	.00	.25	2.201	111.51
61.0800	.00	1330.58	1331.09	.00	.25	2.200	111.51
61.1200	.00	1330.07	1330.58	.00	.25	2.199	111.51
61.1600	.00	1329.56	1330.07	.00	.25	2.198	111.51
61.2000	.00	1329.05	1329.56	.00	.25	2.197	111.51
61.2400	.00	1328.55	1329.05	.00	.25	2.196	111.51
61.2800	.00	1328.04	1328.55	.00	.25	2.196	111.51
61.3200	.00	1327.53	1328.04	.00	.25	2.195	111.51
61.3600	.00	1327.02	1327.53	.00	.25	2.194	111.50
61.4000	.00	1326.51	1327.02	.00	.25	2.193	111.50
61.4400	.00	1326.00	1326.51	.00	.25	2.192	111.50
61.4800	.00	1325.50	1326.00	.00	.25	2.191	111.50
61.5200	.00	1324.99	1325.50	.00	.25	2.190	111.50
61.5600	.00	1324.48	1324.99	.00	.25	2.190	111.50
61.6000	.00	1323.97	1324.48	.00	.25	2.189	111.50
61.6400	.00	1323.47	1323.97	.00	.25	2.188	111.50
61.6800	.00	1322.96	1323.47	.00	.25	2.187	111.50
61.7200	.00	1322.45	1322.96	.00	.25	2.186	111.50
61.7600	.00	1321.94	1322.45	.00	.25	2.185	111.50
61.8000	.00	1321.44	1321.94	.00	.25	2.185	111.50
61.8400	.00	1320.93	1321.44	.00	.25	2.184	111.49
61.8800	.00	1320.42	1320.93	.00	.25	2.183	111.49
61.9200	.00	1319.92	1320.42	.00	.25	2.182	111.49
61.9600	.00	1319.41	1319.92	.00	.25	2.181	111.49
62.0000	.00	1318.90	1319.41	.00	.25	2.180	111.49
62.0400	.00	1318.40	1318.90	.00	.25	2.180	111.49
62.0800	.00	1317.89	1318.40	.00	.25	2.179	111.49
62.1200	.00	1317.38	1317.89	.00	.25	2.178	111.49
62.1600	.00	1316.88	1317.38	.00	.25	2.177	111.49
62.2000	.00	1316.37	1316.88	.00	.25	2.176	111.49
62.2400	.00	1315.86	1316.37	.00	.25	2.175	111.49
62.2800	.00	1315.36	1315.86	.00	.25	2.175	111.49
62.3200	.00	1314.85	1315.36	.00	.25	2.174	111.48
62.3600	.00	1314.34	1314.85	.00	.25	2.173	111.48
62.4000	.00	1313.84	1314.34	.00	.25	2.172	111.48
62.4400	.00	1313.33	1313.84	.00	.25	2.171	111.48
62.4800	.00	1312.83	1313.33	.00	.25	2.170	111.48
62.5200	.00	1312.32	1312.83	.00	.25	2.169	111.48
62.5600	.00	1311.82	1312.32	.00	.25	2.169	111.48
62.6000	.00	1311.31	1311.82	.00	.25	2.168	111.48

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
62.6400	.00	1310.81	1311.31	.00	.25	2.167	111.48
62.6800	.00	1310.30	1310.81	.00	.25	2.166	111.48
62.7200	.00	1309.80	1310.30	.00	.25	2.165	111.48
62.7600	.00	1309.29	1309.80	.00	.25	2.164	111.48
62.8000	.00	1308.79	1309.29	.00	.25	2.164	111.47
62.8400	.00	1308.28	1308.79	.00	.25	2.163	111.47
62.8800	.00	1307.78	1308.28	.00	.25	2.162	111.47
62.9200	.00	1307.27	1307.78	.00	.25	2.161	111.47
62.9600	.00	1306.77	1307.27	.00	.25	2.160	111.47
63.0000	.00	1306.26	1306.77	.00	.25	2.159	111.47
63.0400	.00	1305.76	1306.26	.00	.25	2.159	111.47
63.0800	.00	1305.25	1305.76	.00	.25	2.158	111.47
63.1200	.00	1304.75	1305.25	.00	.25	2.157	111.47
63.1600	.00	1304.24	1304.75	.00	.25	2.156	111.47
63.2000	.00	1303.74	1304.24	.00	.25	2.155	111.47
63.2400	.00	1303.24	1303.74	.00	.25	2.154	111.47
63.2800	.00	1302.73	1303.24	.00	.25	2.154	111.46
63.3200	.00	1302.23	1302.73	.00	.25	2.153	111.46
63.3600	.00	1301.72	1302.23	.00	.25	2.152	111.46
63.4000	.00	1301.22	1301.72	.00	.25	2.151	111.46
63.4400	.00	1300.72	1301.22	.00	.25	2.150	111.46
63.4800	.00	1300.21	1300.72	.00	.25	2.149	111.46
63.5200	.00	1299.71	1300.21	.00	.25	2.149	111.46
63.5600	.00	1299.21	1299.71	.00	.25	2.148	111.46
63.6000	.00	1298.70	1299.21	.00	.25	2.147	111.46
63.6400	.00	1298.20	1298.70	.00	.25	2.146	111.46
63.6800	.00	1297.70	1298.20	.00	.25	2.145	111.46
63.7200	.00	1297.19	1297.70	.00	.25	2.144	111.46
63.7600	.00	1296.69	1297.19	.00	.25	2.144	111.45
63.8000	.00	1296.19	1296.69	.00	.25	2.143	111.45
63.8400	.00	1295.69	1296.19	.00	.25	2.142	111.45
63.8800	.00	1295.18	1295.69	.00	.25	2.141	111.45
63.9200	.00	1294.68	1295.18	.00	.25	2.140	111.45
63.9600	.00	1294.18	1294.68	.00	.25	2.139	111.45
64.0000	.00	1293.68	1294.18	.00	.25	2.139	111.45
64.0400	.00	1293.17	1293.68	.00	.25	2.138	111.45
64.0800	.00	1292.67	1293.17	.00	.25	2.137	111.45
64.1200	.00	1292.17	1292.67	.00	.25	2.136	111.45
64.1600	.00	1291.67	1292.17	.00	.25	2.135	111.45
64.2000	.00	1291.17	1291.67	.00	.25	2.134	111.45
64.2400	.00	1290.66	1291.17	.00	.25	2.134	111.44
64.2800	.00	1290.16	1290.66	.00	.25	2.133	111.44

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
64.3200	.00	1289.66	1290.16	.00	.25	2.132	111.44
64.3600	.00	1289.16	1289.66	.00	.25	2.131	111.44
64.4000	.00	1288.66	1289.16	.00	.25	2.130	111.44
64.4400	.00	1288.16	1288.66	.00	.25	2.130	111.44
64.4800	.00	1287.66	1288.16	.00	.25	2.129	111.44
64.5200	.00	1287.15	1287.66	.00	.25	2.128	111.44
64.5600	.00	1286.65	1287.15	.00	.25	2.127	111.44
64.6000	.00	1286.15	1286.65	.00	.25	2.126	111.44
64.6400	.00	1285.65	1286.15	.00	.25	2.125	111.44
64.6800	.00	1285.15	1285.65	.00	.25	2.125	111.44
64.7200	.00	1284.65	1285.15	.00	.25	2.124	111.43
64.7600	.00	1284.15	1284.65	.00	.25	2.123	111.43
64.8000	.00	1283.65	1284.15	.00	.25	2.122	111.43
64.8400	.00	1283.15	1283.65	.00	.25	2.121	111.43
64.8800	.00	1282.65	1283.15	.00	.25	2.120	111.43
64.9200	.00	1282.15	1282.65	.00	.25	2.120	111.43
64.9600	.00	1281.65	1282.15	.00	.25	2.119	111.43
65.0000	.00	1281.15	1281.65	.00	.25	2.118	111.43
65.0400	.00	1280.65	1281.15	.00	.25	2.117	111.43
65.0800	.00	1280.15	1280.65	.00	.25	2.116	111.43
65.1200	.00	1279.65	1280.15	.00	.25	2.115	111.43
65.1600	.00	1279.15	1279.65	.00	.25	2.115	111.43
65.2000	.00	1278.65	1279.15	.00	.25	2.114	111.42
65.2400	.00	1278.15	1278.65	.00	.25	2.113	111.42
65.2800	.00	1277.65	1278.15	.00	.25	2.112	111.42
65.3200	.00	1277.15	1277.65	.00	.25	2.111	111.42
65.3600	.00	1276.65	1277.15	.00	.25	2.111	111.42
65.4000	.00	1276.15	1276.65	.00	.25	2.110	111.42
65.4400	.00	1275.65	1276.15	.00	.25	2.109	111.42
65.4800	.00	1275.15	1275.65	.00	.25	2.108	111.42
65.5200	.00	1274.65	1275.15	.00	.25	2.107	111.42
65.5600	.00	1274.16	1274.65	.00	.25	2.106	111.42
65.6000	.00	1273.66	1274.16	.00	.25	2.106	111.42
65.6400	.00	1273.16	1273.66	.00	.25	2.105	111.42
65.6800	.00	1272.66	1273.16	.00	.25	2.104	111.41
65.7200	.00	1272.16	1272.66	.00	.25	2.103	111.41
65.7600	.00	1271.66	1272.16	.00	.25	2.102	111.41
65.8000	.00	1271.16	1271.66	.00	.25	2.101	111.41
65.8400	.00	1270.67	1271.16	.00	.25	2.101	111.41
65.8800	.00	1270.17	1270.67	.00	.25	2.100	111.41
65.9200	.00	1269.67	1270.17	.00	.25	2.099	111.41
65.9600	.00	1269.17	1269.67	.00	.25	2.098	111.41

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
66.0000	.00	1268.67	1269.17	.00	.25	2.097	111.41
66.0400	.00	1268.18	1268.67	.00	.25	2.097	111.41
66.0800	.00	1267.68	1268.18	.00	.25	2.096	111.41
66.1200	.00	1267.18	1267.68	.00	.25	2.095	111.41
66.1600	.00	1266.68	1267.18	.00	.25	2.094	111.40
66.2000	.00	1266.19	1266.68	.00	.25	2.093	111.40
66.2400	.00	1265.69	1266.19	.00	.25	2.092	111.40
66.2800	.00	1265.19	1265.69	.00	.25	2.092	111.40
66.3200	.00	1264.69	1265.19	.00	.25	2.091	111.40
66.3600	.00	1264.20	1264.69	.00	.25	2.090	111.40
66.4000	.00	1263.70	1264.20	.00	.25	2.089	111.40
66.4400	.00	1263.20	1263.70	.00	.25	2.088	111.40
66.4800	.00	1262.71	1263.20	.00	.25	2.088	111.40
66.5200	.00	1262.21	1262.71	.00	.25	2.087	111.40
66.5600	.00	1261.71	1262.21	.00	.25	2.086	111.40
66.6000	.00	1261.22	1261.71	.00	.25	2.085	111.40
66.6400	.00	1260.72	1261.22	.00	.25	2.084	111.39
66.6800	.00	1260.22	1260.72	.00	.25	2.083	111.39
66.7200	.00	1259.73	1260.22	.00	.25	2.083	111.39
66.7600	.00	1259.23	1259.73	.00	.25	2.082	111.39
66.8000	.00	1258.73	1259.23	.00	.25	2.081	111.39
66.8400	.00	1258.24	1258.73	.00	.25	2.080	111.39
66.8800	.00	1257.74	1258.24	.00	.25	2.079	111.39
66.9200	.00	1257.25	1257.74	.00	.25	2.078	111.39
66.9600	.00	1256.75	1257.25	.00	.25	2.078	111.39
67.0000	.00	1256.26	1256.75	.00	.25	2.077	111.39
67.0400	.00	1255.76	1256.26	.00	.25	2.076	111.39
67.0800	.00	1255.26	1255.76	.00	.25	2.075	111.39
67.1200	.00	1254.77	1255.26	.00	.25	2.074	111.38
67.1600	.00	1254.27	1254.77	.00	.25	2.074	111.38
67.2000	.00	1253.78	1254.27	.00	.25	2.073	111.38
67.2400	.00	1253.28	1253.78	.00	.25	2.072	111.38
67.2800	.00	1252.79	1253.28	.00	.25	2.071	111.38
67.3200	.00	1252.29	1252.79	.00	.25	2.070	111.38
67.3600	.00	1251.80	1252.29	.00	.25	2.069	111.38
67.4000	.00	1251.30	1251.80	.00	.25	2.069	111.38
67.4400	.00	1250.81	1251.30	.00	.25	2.068	111.38
67.4800	.00	1250.31	1250.81	.00	.25	2.067	111.38
67.5200	.00	1249.82	1250.31	.00	.25	2.066	111.38
67.5600	.00	1249.33	1249.82	.00	.25	2.065	111.38
67.6000	.00	1248.83	1249.33	.00	.25	2.065	111.38
67.6400	.00	1248.34	1248.83	.00	.25	2.064	111.37

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
67.6800	.00	1247.84	1248.34	.00	.25	2.063	111.37
67.7200	.00	1247.35	1247.84	.00	.25	2.062	111.37
67.7600	.00	1246.86	1247.35	.00	.25	2.061	111.37
67.8000	.00	1246.36	1246.86	.00	.25	2.060	111.37
67.8400	.00	1245.87	1246.36	.00	.25	2.060	111.37
67.8800	.00	1245.37	1245.87	.00	.25	2.059	111.37
67.9200	.00	1244.88	1245.37	.00	.25	2.058	111.37
67.9600	.00	1244.39	1244.88	.00	.25	2.057	111.37
68.0000	.00	1243.89	1244.39	.00	.25	2.056	111.37
68.0400	.00	1243.40	1243.89	.00	.25	2.056	111.37
68.0800	.00	1242.91	1243.40	.00	.25	2.055	111.37
68.1200	.00	1242.41	1242.91	.00	.25	2.054	111.36
68.1600	.00	1241.92	1242.41	.00	.25	2.053	111.36
68.2000	.00	1241.43	1241.92	.00	.25	2.052	111.36
68.2400	.00	1240.93	1241.43	.00	.25	2.051	111.36
68.2800	.00	1240.44	1240.93	.00	.25	2.051	111.36
68.3200	.00	1239.95	1240.44	.00	.25	2.050	111.36
68.3600	.00	1239.46	1239.95	.00	.25	2.049	111.36
68.4000	.00	1238.96	1239.46	.00	.25	2.048	111.36
68.4400	.00	1238.47	1238.96	.00	.25	2.047	111.36
68.4800	.00	1237.98	1238.47	.00	.25	2.047	111.36
68.5200	.00	1237.49	1237.98	.00	.25	2.046	111.36
68.5600	.00	1237.00	1237.49	.00	.25	2.045	111.36
68.6000	.00	1236.50	1237.00	.00	.25	2.044	111.35
68.6400	.00	1236.01	1236.50	.00	.25	2.043	111.35
68.6800	.00	1235.52	1236.01	.00	.25	2.042	111.35
68.7200	.00	1235.03	1235.52	.00	.25	2.042	111.35
68.7600	.00	1234.54	1235.03	.00	.25	2.041	111.35
68.8000	.00	1234.04	1234.54	.00	.25	2.040	111.35
68.8400	.00	1233.55	1234.04	.00	.25	2.039	111.35
68.8800	.00	1233.06	1233.55	.00	.25	2.038	111.35
68.9200	.00	1232.57	1233.06	.00	.25	2.038	111.35
68.9600	.00	1232.08	1232.57	.00	.25	2.037	111.35
69.0000	.00	1231.59	1232.08	.00	.25	2.036	111.35
69.0400	.00	1231.10	1231.59	.00	.25	2.035	111.35
69.0800	.00	1230.61	1231.10	.00	.25	2.034	111.34
69.1200	.00	1230.11	1230.61	.00	.25	2.034	111.34
69.1600	.00	1229.62	1230.11	.00	.25	2.033	111.34
69.2000	.00	1229.13	1229.62	.00	.25	2.032	111.34
69.2400	.00	1228.64	1229.13	.00	.25	2.031	111.34
69.2800	.00	1228.15	1228.64	.00	.25	2.030	111.34
69.3200	.00	1227.66	1228.15	.00	.25	2.030	111.34

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
69.3600	.00	1227.17	1227.66	.00	.25	2.029	111.34
69.4000	.00	1226.68	1227.17	.00	.25	2.028	111.34
69.4400	.00	1226.19	1226.68	.00	.25	2.027	111.34
69.4800	.00	1225.70	1226.19	.00	.25	2.026	111.34
69.5200	.00	1225.21	1225.70	.00	.25	2.025	111.34
69.5600	.00	1224.72	1225.21	.00	.24	2.025	111.33
69.6000	.00	1224.23	1224.72	.00	.24	2.024	111.33
69.6400	.00	1223.74	1224.23	.00	.24	2.023	111.33
69.6800	.00	1223.25	1223.74	.00	.24	2.022	111.33
69.7200	.00	1222.76	1223.25	.00	.24	2.021	111.33
69.7600	.00	1222.27	1222.76	.00	.24	2.021	111.33
69.8000	.00	1221.78	1222.27	.00	.24	2.020	111.33
69.8400	.00	1221.29	1221.78	.00	.24	2.019	111.33
69.8800	.00	1220.80	1221.29	.00	.24	2.018	111.33
69.9200	.00	1220.32	1220.80	.00	.24	2.017	111.33
69.9600	.00	1219.83	1220.32	.00	.24	2.017	111.33
70.0000	.00	1219.34	1219.83	.00	.24	2.016	111.33
70.0400	.00	1218.85	1219.34	.00	.24	2.015	111.33
70.0800	.00	1218.36	1218.85	.00	.24	2.014	111.32
70.1200	.00	1217.87	1218.36	.00	.24	2.013	111.32
70.1600	.00	1217.38	1217.87	.00	.24	2.013	111.32
70.2000	.00	1216.89	1217.38	.00	.24	2.012	111.32
70.2400	.00	1216.41	1216.89	.00	.24	2.011	111.32
70.2800	.00	1215.92	1216.41	.00	.24	2.010	111.32
70.3200	.00	1215.43	1215.92	.00	.24	2.009	111.32
70.3600	.00	1214.94	1215.43	.00	.24	2.009	111.32
70.4000	.00	1214.45	1214.94	.00	.24	2.008	111.32
70.4400	.00	1213.96	1214.45	.00	.24	2.007	111.32
70.4800	.00	1213.48	1213.96	.00	.24	2.006	111.32
70.5200	.00	1212.99	1213.48	.00	.24	2.005	111.32
70.5600	.00	1212.50	1212.99	.00	.24	2.004	111.31
70.6000	.00	1212.01	1212.50	.00	.24	2.004	111.31
70.6400	.00	1211.53	1212.01	.00	.24	2.003	111.31
70.6800	.00	1211.04	1211.53	.00	.24	2.002	111.31
70.7200	.00	1210.55	1211.04	.00	.24	2.001	111.31
70.7600	.00	1210.06	1210.55	.00	.24	2.000	111.31
70.8000	.00	1209.58	1210.06	.00	.24	2.000	111.31
70.8400	.00	1209.09	1209.58	.00	.24	1.999	111.31
70.8800	.00	1208.60	1209.09	.00	.24	1.998	111.31
70.9200	.00	1208.12	1208.60	.00	.24	1.997	111.31
70.9600	.00	1207.63	1208.12	.00	.24	1.996	111.31
71.0000	.00	1207.14	1207.63	.00	.24	1.996	111.31

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
71.0400	.00	1206.66	1207.14	.00	.24	1.995	111.30
71.0800	.00	1206.17	1206.66	.00	.24	1.994	111.30
71.1200	.00	1205.68	1206.17	.00	.24	1.993	111.30
71.1600	.00	1205.20	1205.68	.00	.24	1.992	111.30
71.2000	.00	1204.71	1205.20	.00	.24	1.992	111.30
71.2400	.00	1204.22	1204.71	.00	.24	1.991	111.30
71.2800	.00	1203.74	1204.22	.00	.24	1.990	111.30
71.3200	.00	1203.25	1203.74	.00	.24	1.989	111.30
71.3600	.00	1202.77	1203.25	.00	.24	1.988	111.30
71.4000	.00	1202.28	1202.77	.00	.24	1.988	111.30
71.4400	.00	1201.79	1202.28	.00	.24	1.987	111.30
71.4800	.00	1201.31	1201.79	.00	.24	1.986	111.30
71.5200	.00	1200.82	1201.31	.00	.24	1.985	111.30
71.5600	.00	1200.34	1200.82	.00	.24	1.984	111.29
71.6000	.00	1199.85	1200.34	.00	.24	1.984	111.29
71.6400	.00	1199.37	1199.85	.00	.24	1.983	111.29
71.6800	.00	1198.88	1199.37	.00	.24	1.982	111.29
71.7200	.00	1198.40	1198.88	.00	.24	1.981	111.29
71.7600	.00	1197.91	1198.40	.00	.24	1.980	111.29
71.8000	.00	1197.43	1197.91	.00	.24	1.980	111.29
71.8400	.00	1196.94	1197.43	.00	.24	1.979	111.29
71.8800	.00	1196.46	1196.94	.00	.24	1.978	111.29
71.9200	.00	1195.97	1196.46	.00	.24	1.977	111.29
71.9600	.00	1195.49	1195.97	.00	.24	1.976	111.29
72.0000	.00	1195.00	1195.49	.00	.24	1.976	111.29
72.0400	.00	1194.52	1195.00	.00	.24	1.975	111.28
72.0800	.00	1194.04	1194.52	.00	.24	1.974	111.28
72.1200	.00	1193.55	1194.04	.00	.24	1.973	111.28
72.1600	.00	1193.07	1193.55	.00	.24	1.972	111.28
72.2000	.00	1192.58	1193.07	.00	.24	1.972	111.28
72.2400	.00	1192.10	1192.58	.00	.24	1.971	111.28
72.2800	.00	1191.62	1192.10	.00	.24	1.970	111.28
72.3200	.00	1191.13	1191.62	.00	.24	1.969	111.28
72.3600	.00	1190.65	1191.13	.00	.24	1.968	111.28
72.4000	.00	1190.16	1190.65	.00	.24	1.968	111.28
72.4400	.00	1189.68	1190.16	.00	.24	1.967	111.28
72.4800	.00	1189.20	1189.68	.00	.24	1.966	111.28
72.5200	.00	1188.71	1189.20	.00	.24	1.965	111.27
72.5600	.00	1188.23	1188.71	.00	.24	1.964	111.27
72.6000	.00	1187.75	1188.23	.00	.24	1.964	111.27
72.6400	.00	1187.27	1187.75	.00	.24	1.963	111.27
72.6800	.00	1186.78	1187.27	.00	.24	1.962	111.27

LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
72.7200	.00	1186.30	1186.78	.00	.24	1.961	111.27
72.7600	.00	1185.82	1186.30	.00	.24	1.960	111.27
72.8000	.00	1185.33	1185.82	.00	.24	1.960	111.27
72.8400	.00	1184.85	1185.33	.00	.24	1.959	111.27
72.8800	.00	1184.37	1184.85	.00	.24	1.958	111.27
72.9200	.00	1183.89	1184.37	.00	.24	1.957	111.27
72.9600	.00	1183.40	1183.89	.00	.24	1.956	111.27
73.0000	.00	1182.92	1183.40	.00	.24	1.956	111.27
73.0400	.00	1182.44	1182.92	.00	.24	1.955	111.26
73.0800	.00	1181.96	1182.44	.00	.24	1.954	111.26
73.1200	.00	1181.48	1181.96	.00	.24	1.953	111.26
73.1600	.00	1180.99	1181.48	.00	.24	1.952	111.26
73.2000	.00	1180.51	1180.99	.00	.24	1.952	111.26
73.2400	.00	1180.03	1180.51	.00	.24	1.951	111.26
73.2800	.00	1179.55	1180.03	.00	.24	1.950	111.26
73.3200	.00	1179.07	1179.55	.00	.24	1.949	111.26
73.3600	.00	1178.59	1179.07	.00	.24	1.948	111.26
73.4000	.00	1178.11	1178.59	.00	.24	1.948	111.26
73.4400	.00	1177.62	1178.11	.00	.24	1.947	111.26
73.4800	.00	1177.14	1177.62	.00	.24	1.946	111.26
73.5200	.00	1176.66	1177.14	.00	.24	1.945	111.25
73.5600	.00	1176.18	1176.66	.00	.24	1.944	111.25
73.6000	.00	1175.70	1176.18	.00	.24	1.944	111.25
73.6400	.00	1175.22	1175.70	.00	.24	1.943	111.25
73.6800	.00	1174.74	1175.22	.00	.24	1.942	111.25
73.7200	.00	1174.26	1174.74	.00	.24	1.941	111.25
73.7600	.00	1173.78	1174.26	.00	.24	1.940	111.25
73.8000	.00	1173.30	1173.78	.00	.24	1.940	111.25
73.8400	.00	1172.82	1173.30	.00	.24	1.939	111.25
73.8800	.00	1172.34	1172.82	.00	.24	1.938	111.25
73.9200	.00	1171.86	1172.34	.00	.24	1.937	111.25
73.9600	.00	1171.38	1171.86	.00	.24	1.936	111.25
74.0000	.00	1170.90	1171.38	.00	.24	1.936	111.24
74.0400	.00	1170.42	1170.90	.00	.24	1.935	111.24
74.0800	.00	1169.94	1170.42	.00	.24	1.934	111.24
74.1200	.00	1169.46	1169.94	.00	.24	1.933	111.24
74.1600	.00	1168.98	1169.46	.00	.24	1.933	111.24
74.2000	.00	1168.50	1168.98	.00	.24	1.932	111.24
74.2400	.00	1168.02	1168.50	.00	.24	1.931	111.24
74.2800	.00	1167.54	1168.02	.00	.24	1.930	111.24
74.3200	.00	1167.06	1167.54	.00	.24	1.929	111.24
74.3600	.00	1166.58	1167.06	.00	.24	1.929	111.24



LEVEL POOL ROUTING CALCULATIONS

HYG Dir                = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
74.4000	.00	1166.10	1166.58	.00	.24	1.928	111.24
74.4400	.00	1165.62	1166.10	.00	.24	1.927	111.24
74.4800	.00	1165.14	1165.62	.00	.24	1.926	111.24
74.5200	.00	1164.67	1165.14	.00	.24	1.925	111.23
74.5600	.00	1164.19	1164.67	.00	.24	1.925	111.23
74.6000	.00	1163.71	1164.19	.00	.24	1.924	111.23
74.6400	.00	1163.23	1163.71	.00	.24	1.923	111.23
74.6800	.00	1162.75	1163.23	.00	.24	1.922	111.23
74.7200	.00	1162.27	1162.75	.00	.24	1.921	111.23
74.7600	.00	1161.80	1162.27	.00	.24	1.921	111.23
74.8000	.00	1161.32	1161.80	.00	.24	1.920	111.23
74.8400	.00	1160.84	1161.32	.00	.24	1.919	111.23
74.8800	.00	1160.36	1160.84	.00	.24	1.918	111.23
74.9200	.00	1159.88	1160.36	.00	.24	1.917	111.23
74.9600	.00	1159.41	1159.88	.00	.24	1.917	111.23
75.0000	.00	1158.93	1159.41	.00	.24	1.916	111.22
75.0400	.00	1158.45	1158.93	.00	.24	1.915	111.22
75.0800	.00	1157.97	1158.45	.00	.24	1.914	111.22
75.1200	.00	1157.50	1157.97	.00	.24	1.914	111.22
75.1600	.00	1157.02	1157.50	.00	.24	1.913	111.22
75.2000	.00	1156.54	1157.02	.00	.24	1.912	111.22
75.2400	.00	1156.06	1156.54	.00	.24	1.911	111.22
75.2800	.00	1155.59	1156.06	.00	.24	1.910	111.22
75.3200	.00	1155.11	1155.59	.00	.24	1.910	111.22
75.3600	.00	1154.63	1155.11	.00	.24	1.909	111.22
75.4000	.00	1154.16	1154.63	.00	.24	1.908	111.22
75.4400	.00	1153.68	1154.16	.00	.24	1.907	111.22
75.4800	.00	1153.20	1153.68	.00	.24	1.906	111.22
75.5200	.00	1152.73	1153.20	.00	.24	1.906	111.21
75.5600	.00	1152.25	1152.73	.00	.24	1.905	111.21
75.6000	.00	1151.77	1152.25	.00	.24	1.904	111.21
75.6400	.00	1151.30	1151.77	.00	.24	1.903	111.21
75.6800	.00	1150.82	1151.30	.00	.24	1.903	111.21
75.7200	.00	1150.35	1150.82	.00	.24	1.902	111.21
75.7600	.00	1149.87	1150.35	.00	.24	1.901	111.21
75.8000	.00	1149.39	1149.87	.00	.24	1.900	111.21
75.8400	.00	1148.92	1149.39	.00	.24	1.899	111.21
75.8800	.00	1148.44	1148.92	.00	.24	1.899	111.21
75.9200	.00	1147.97	1148.44	.00	.24	1.898	111.21
75.9600	.00	1147.49	1147.97	.00	.24	1.897	111.21
76.0000	.00	1147.02	1147.49	.00	.24	1.896	111.20
76.0400	.00	1146.54	1147.02	.00	.24	1.895	111.20

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
76.0800	.00	1146.06	1146.54	.00	.24	1.895	111.20
76.1200	.00	1145.59	1146.06	.00	.24	1.894	111.20
76.1600	.00	1145.11	1145.59	.00	.24	1.893	111.20
76.2000	.00	1144.64	1145.11	.00	.24	1.892	111.20
76.2400	.00	1144.16	1144.64	.00	.24	1.892	111.20
76.2800	.00	1143.69	1144.16	.00	.24	1.891	111.20
76.3200	.00	1143.21	1143.69	.00	.24	1.890	111.20
76.3600	.00	1142.74	1143.21	.00	.24	1.889	111.20
76.4000	.00	1142.27	1142.74	.00	.24	1.888	111.20
76.4400	.00	1141.79	1142.27	.00	.24	1.888	111.20
76.4800	.00	1141.32	1141.79	.00	.24	1.887	111.20
76.5200	.00	1140.84	1141.32	.00	.24	1.886	111.19
76.5600	.00	1140.37	1140.84	.00	.24	1.885	111.19
76.6000	.00	1139.89	1140.37	.00	.24	1.884	111.19
76.6400	.00	1139.42	1139.89	.00	.24	1.884	111.19
76.6800	.00	1138.95	1139.42	.00	.24	1.883	111.19
76.7200	.00	1138.47	1138.95	.00	.24	1.882	111.19
76.7600	.00	1138.00	1138.47	.00	.24	1.881	111.19
76.8000	.00	1137.53	1138.00	.00	.24	1.881	111.19
76.8400	.00	1137.05	1137.53	.00	.24	1.880	111.19
76.8800	.00	1136.58	1137.05	.00	.24	1.879	111.19
76.9200	.00	1136.11	1136.58	.00	.24	1.878	111.19
76.9600	.00	1135.63	1136.11	.00	.24	1.877	111.19
77.0000	.00	1135.16	1135.63	.00	.24	1.877	111.18
77.0400	.00	1134.69	1135.16	.00	.24	1.876	111.18
77.0800	.00	1134.21	1134.69	.00	.24	1.875	111.18
77.1200	.00	1133.74	1134.21	.00	.24	1.874	111.18
77.1600	.00	1133.27	1133.74	.00	.24	1.874	111.18
77.2000	.00	1132.79	1133.27	.00	.24	1.873	111.18
77.2400	.00	1132.32	1132.79	.00	.24	1.872	111.18
77.2800	.00	1131.85	1132.32	.00	.24	1.871	111.18
77.3200	.00	1131.38	1131.85	.00	.24	1.870	111.18
77.3600	.00	1130.90	1131.38	.00	.24	1.870	111.18
77.4000	.00	1130.43	1130.90	.00	.24	1.869	111.18
77.4400	.00	1129.96	1130.43	.00	.24	1.868	111.18
77.4800	.00	1129.49	1129.96	.00	.24	1.867	111.18
77.5200	.00	1129.02	1129.49	.00	.24	1.866	111.17
77.5600	.00	1128.54	1129.02	.00	.24	1.866	111.17
77.6000	.00	1128.07	1128.54	.00	.24	1.865	111.17
77.6400	.00	1127.60	1128.07	.00	.24	1.864	111.17
77.6800	.00	1127.13	1127.60	.00	.24	1.863	111.17
77.7200	.00	1126.66	1127.13	.00	.24	1.863	111.17

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN           OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
77.7600	.00	1126.19	1126.66	.00	.24	1.862	111.17
77.8000	.00	1125.71	1126.19	.00	.24	1.861	111.17
77.8400	.00	1125.24	1125.71	.00	.24	1.860	111.17
77.8800	.00	1124.77	1125.24	.00	.24	1.859	111.17
77.9200	.00	1124.30	1124.77	.00	.24	1.859	111.17
77.9600	.00	1123.83	1124.30	.00	.24	1.858	111.17
78.0000	.00	1123.36	1123.83	.00	.24	1.857	111.17
78.0400	.00	1122.89	1123.36	.00	.24	1.856	111.16
78.0800	.00	1122.42	1122.89	.00	.24	1.856	111.16
78.1200	.00	1121.95	1122.42	.00	.24	1.855	111.16
78.1600	.00	1121.48	1121.95	.00	.24	1.854	111.16
78.2000	.00	1121.01	1121.48	.00	.24	1.853	111.16
78.2400	.00	1120.54	1121.01	.00	.24	1.852	111.16
78.2800	.00	1120.07	1120.54	.00	.24	1.852	111.16
78.3200	.00	1119.60	1120.07	.00	.24	1.851	111.16
78.3600	.00	1119.13	1119.60	.00	.24	1.850	111.16
78.4000	.00	1118.66	1119.13	.00	.23	1.849	111.16
78.4400	.00	1118.19	1118.66	.00	.23	1.849	111.16
78.4800	.00	1117.72	1118.19	.00	.23	1.848	111.16
78.5200	.00	1117.25	1117.72	.00	.23	1.847	111.15
78.5600	.00	1116.78	1117.25	.00	.23	1.846	111.15
78.6000	.00	1116.31	1116.78	.00	.23	1.845	111.15
78.6400	.00	1115.84	1116.31	.00	.23	1.845	111.15
78.6800	.00	1115.37	1115.84	.00	.23	1.844	111.15
78.7200	.00	1114.90	1115.37	.00	.23	1.843	111.15
78.7600	.00	1114.43	1114.90	.00	.23	1.842	111.15
78.8000	.00	1113.96	1114.43	.00	.23	1.842	111.15
78.8400	.00	1113.49	1113.96	.00	.23	1.841	111.15
78.8800	.00	1113.02	1113.49	.00	.23	1.840	111.15
78.9200	.00	1112.55	1113.02	.00	.23	1.839	111.15
78.9600	.00	1112.09	1112.55	.00	.23	1.838	111.15
79.0000	.00	1111.62	1112.09	.00	.23	1.838	111.15
79.0400	.00	1111.15	1111.62	.00	.23	1.837	111.14
79.0800	.00	1110.68	1111.15	.00	.23	1.836	111.14
79.1200	.00	1110.21	1110.68	.00	.23	1.835	111.14
79.1600	.00	1109.74	1110.21	.00	.23	1.835	111.14
79.2000	.00	1109.28	1109.74	.00	.23	1.834	111.14
79.2400	.00	1108.81	1109.28	.00	.23	1.833	111.14
79.2800	.00	1108.34	1108.81	.00	.23	1.832	111.14
79.3200	.00	1107.87	1108.34	.00	.23	1.831	111.14
79.3600	.00	1107.40	1107.87	.00	.23	1.831	111.14
79.4000	.00	1106.94	1107.40	.00	.23	1.830	111.14

LEVEL POOL ROUTING CALCULATIONS

HYG Dir            = L:\Work\55200\55291\55291.2000.00 CIS\DATA\Drainage\Pond Pack\  
 Inflow HYG file = NONE STORED - BASIN            IN 100YR  
 Outflow HYG file = NONE STORED - BASIN            OUT 100YR

Time hrs	Inflow cfs	2S/t - 0 cfs	2S/t + 0 cfs	Infilt. cfs	Outflow cfs	Storage ac-ft	Elev. ft
79.4400	.00	1106.47	1106.94	.00	.23	1.829	111.14
79.4800	.00	1106.00	1106.47	.00	.23	1.828	111.14
79.5200	.00	1105.53	1106.00	.00	.23	1.828	111.13
79.5600	.00	1105.07	1105.53	.00	.23	1.827	111.13
79.6000	.00	1104.60	1105.07	.00	.23	1.826	111.13
79.6400	.00	1104.13	1104.60	.00	.23	1.825	111.13
79.6800	.00	1103.66	1104.13	.00	.23	1.825	111.13
79.7200	.00	1103.20	1103.66	.00	.23	1.824	111.13
79.7600	.00	1102.73	1103.20	.00	.23	1.823	111.13
79.8000	.00	1102.26	1102.73	.00	.23	1.822	111.13
79.8400	.00	1101.80	1102.26	.00	.23	1.821	111.13
79.8800	.00	1101.33	1101.80	.00	.23	1.821	111.13
79.9200	.00	1100.86	1101.33	.00	.23	1.820	111.13
79.9600	.00	1100.40	1100.86	.00	.23	1.819	111.13
80.0000	.00	1099.93	1100.40	.00	.23	1.818	111.13
80.0400	.00	1099.47	1099.93	.00	.23	1.818	111.12
80.0800	.00	1099.00	1099.47	.00	.23	1.817	111.12
80.1200	.00	1098.53	1099.00	.00	.23	1.816	111.12
80.1600	.00	1098.07	1098.53	.00	.23	1.815	111.12
80.2000	.00	1097.60	1098.07	.00	.23	1.815	111.12
80.2400	.00	1097.14	1097.60	.00	.23	1.814	111.12
80.2800	.00	1096.67	1097.14	.00	.23	1.813	111.12
80.3200	.00	1096.20	1096.67	.00	.23	1.812	111.12
80.3600	.00	1095.74	1096.20	.00	.23	1.811	111.12
80.4000	.00	1095.27	1095.74	.00	.23	1.811	111.12
80.4400	.00	1094.81	1095.27	.00	.23	1.810	111.12
80.4800	.00	1094.34	1094.81	.00	.23	1.809	111.12

Index of Starting Page Numbers for ID Names

---

## ----- E -----

E1... 2.01, 3.01, 4.01, 4.02, 4.03,  
4.04, 4.05  
E2 IMPERV... 2.03, 3.02, 4.06, 4.07,  
4.08, 4.09, 4.10  
E2 PERV... 2.05, 3.03, 4.11, 4.12,  
4.13, 4.14, 4.15

## ----- O -----

Outlet 2... 5.01

## ----- P -----

P1 PERV.... 2.07, 3.04, 4.16, 4.17,  
4.18, 4.19, 4.20  
P2 IMPERV... 2.09, 3.05, 4.21, 4.22,  
4.23, 4.24, 4.25  
P2 PERV... 2.11, 3.06, 4.26, 4.27,  
4.28, 4.29, 4.30  
PI IMPERV.... 2.13, 3.07, 4.31,  
4.32, 4.33, 4.34, 4.35

## ----- W -----

Watershed... 1.01

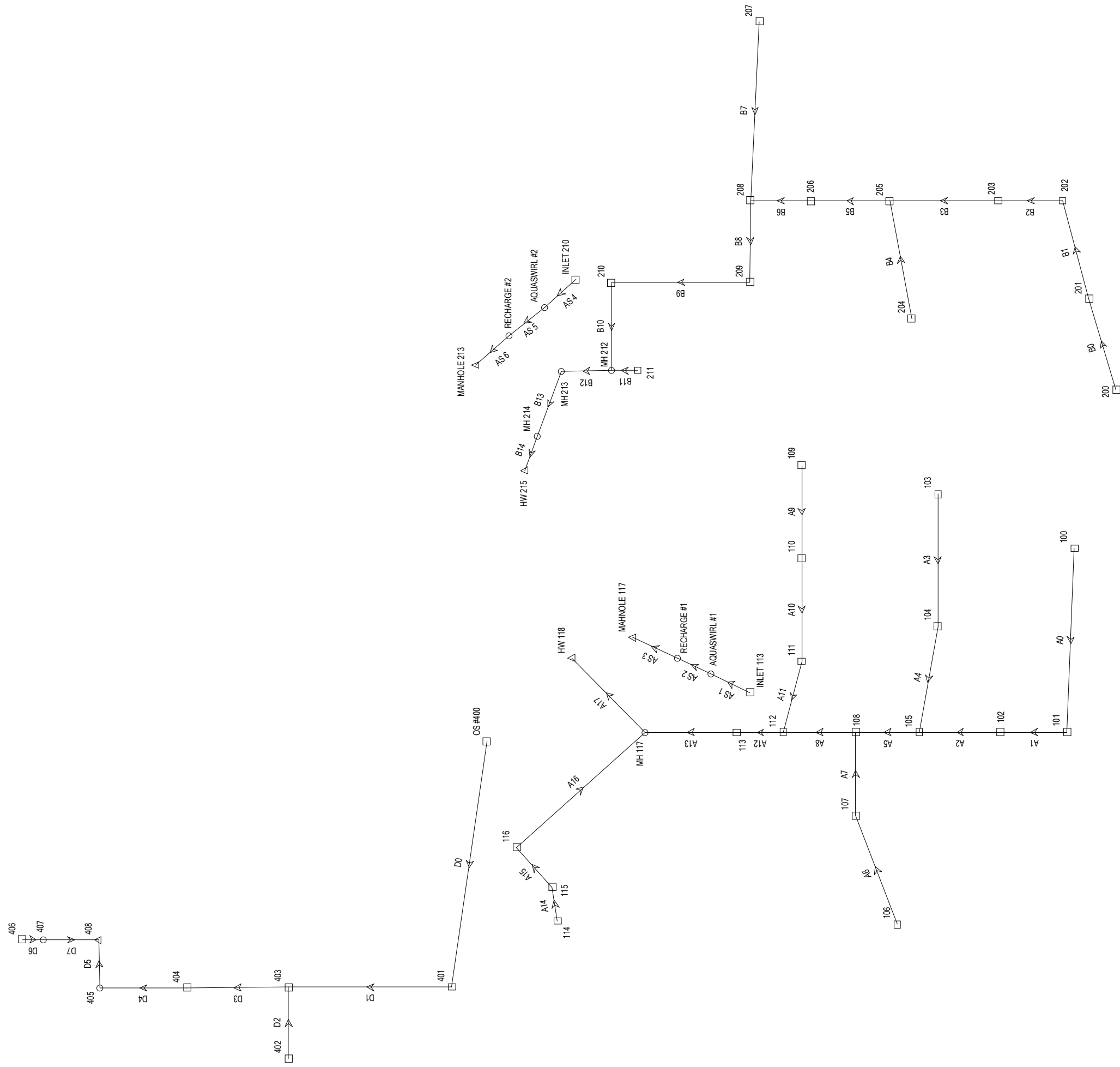


## APPENDIX 3





Scenario: Base





**Computational Table - Storm Sewer Design**

Project: THE PLACE @ MARLBORO  
Marlboro Township, Monmouth County, NJ

PROJ. #: 55291.2000.00

PROJ.: The Place at Marlboro

BY: VAS

DATE: 11/02/20

**STORM TABLE (StormCAD)**

Label	Upstream Node	Downstream Node	Upstream Inlet Area (acres)	Upstream Inlet Rational Coefficient	Upstream Inlet CA (acres)	Upstream Calculated System CA (acres)	System Intensity (in/hr)	Total System Flow (cfs)	System Flow Time (min)	Length (ft)	Constructed Slope (ft/ft)	Section Size	Mannings n	Full Capacity (cfs)	Average Velocity (ft/s)	Upstream Invert Elevation (ft)	Downstream Invert Elevation (ft)	Upstream Ground Elevation (ft)	Downstream Ground Elevation (ft)	Upstream Cover (ft)	Downstream Cover (ft)	Hydraulic Grade Line In (ft)	Hydraulic Grade Line Out (ft)
A0	100	101	0.70	0.71	0.50	0.50	5.72	2.87	10.00	217	0.0200	18 inch	0.015	12.87	5.87	134.66	130.32	138.15	137.40	1.99	5.58	135.30	130.80
A1	101	102	1.33	0.67	0.89	1.39	5.61	7.86	10.62	76	0.1040	24 inch	0.015	63.21	13.71	129.82	121.92	137.40	129.80	5.58	5.88	130.82	123.17
A2	102	105	0.29	0.99	0.29	1.68	5.59	9.46	10.71	83	0.0050	24 inch	0.015	13.95	4.77	121.92	121.50	129.80	128.25	5.88	4.75	123.17	122.93
A3	103	104	0.76	0.81	0.62	0.62	5.72	3.56	10.00	189	0.0080	18 inch	0.015	7.92	4.36	124.00	122.57	128.00	128.00	2.50	3.93	124.72	123.27
A4	104	105	0.56	0.71	0.40	1.02	5.59	5.75	10.72	123	0.0050	24 inch	0.015	13.35	4.09	122.07	121.50	128.00	128.25	3.93	4.75	123.07	122.93
A5	105	108	0.18	0.86	0.16	2.85	5.50	15.83	11.22	62	0.1010	24 inch	0.015	62.25	16.55	121.50	115.25	128.25	122.70	4.75	5.45	122.93	115.95
A6	106	107	1.02	0.47	0.48	0.48	5.72	2.76	10.00	123	0.0480	15 inch	0.015	12.28	8.07	126.82	120.90	129.65	124.85	1.58	2.70	127.49	121.74
A7	107	108	0.30	0.88	0.27	0.75	5.67	4.26	10.25	49	0.1000	15 inch	0.013	20.43	13.15	120.90	116.00	124.85	122.70	2.70	5.45	121.74	116.39
A8	108	112	0.25	0.90	0.23	3.82	5.49	21.17	11.29	97	0.0050	30 inch	0.015	25.26	5.76	114.75	114.26	122.70	119.60	5.45	2.84	116.50	115.82
A9	109	110	0.34	0.84	0.28	0.28	5.72	1.64	10.00	86	0.0040	18 inch (CL V)	0.013	6.60	3.10	116.56	116.22	118.60	118.60	0.54	0.88	117.12	117.08
A10	110	111	0.48	0.72	0.35	0.63	5.64	3.59	10.46	170	0.0040	18 inch (CL IV)	0.015	5.76	3.44	116.22	115.54	118.60	117.90	0.88	0.86	117.08	116.26
A11	111	112	0.69	0.73	0.50	1.13	5.49	6.26	11.29	110	0.0030	24 inch (CL IV)	0.015	9.89	3.33	115.04	114.76	117.90	119.60	0.86	2.84	116.16	115.65
A12	112	113	0.43	0.87	0.37	5.33	5.39	28.96	11.84	49	0.0570	36 inch	0.015	138.42	15.49	113.76	110.95	119.60	118.40	2.84	4.45	115.50	115.67
A13	113	MH 117	0.07	0.94	0.07	5.40	5.38	29.28	11.89	126	0.0290	36 inch	0.015	97.70	12.08	113.92	110.32	118.40	117.00	1.48	3.68	115.67	113.49
A14	114	115	0.66	0.38	0.25	0.25	5.72	1.44	10.00	12	0.0200	15 inch	0.013	9.14	5.43	113.53	113.29	117.20	116.50	2.42	1.96	114.01	113.87
A15	115	116	0.24	0.50	0.12	0.37	5.71	2.13	10.04	24	0.0200	15 inch	0.015	7.92	5.47	113.29	112.81	116.50	116.50	1.96	2.44	113.87	113.47
A16	116	MH 117	0.30	0.32	0.10	0.47	5.70	2.68	10.11	37	0.0200	15 inch	0.013	9.14	6.47	112.81	112.07	116.50	117.00	2.44	3.68	113.47	113.49
A17	MH 117	HW 118	N/A	N/A	N/A	5.86	5.35	31.63	12.06	52	0.0290	36 inch	0.015	98.17	4.48	104.50	103.00	117.00	107.00	9.50	1.00	113.49	113.33
AS 1	INLET 113	AQUASWIRL #1						12.32	10.00	15	0.0250	24 inch	0.015	30.79	9.26	111.95	111.58	118.40	119.00	4.45	5.42	113.37	113.47
AS 2	AQUASWIRL #1	RECHARGE #1	N/A	N/A	N/A			12.32	10.03	15	0.0050	24 inch	0.015	14.32	5.13	111.58	111.50	119.00	117.00	5.42	3.50	113.47	113.43
AS 3	RECHARGE #1	MAHNOLE 117	N/A	N/A	N/A			12.32	10.08	37	0.0050	24 inch	0.013	15.78	5.55	111.50	111.32	117.00	117.00	3.50	3.68	113.43	113.33
AS 4	INLET 210	AQUASWIRL #2						9.44	10.00	15	0.0190	24 inch	0.015	27.26	7.89	111.84	111.55	119.00	118.00	5.16	4.45	113.34	113.36
AS 5	AQUASWIRL #2	RECHARGE #2	N/A	N/A	N/A			9.44	10.03	9	0.0060	24 inch	0.015	14.61	4.94	111.55	111.50	118.00	117.50	4.45	4.00	113.36	113.35
AS 6	RECHARGE #2	MANHOLE 213	N/A	N/A	N/A			9.44	10.06	12	0.0050	24 inch	0.015	13.86	4.75	111.50	111.44	117.50	117.50	4.00	4.06	113.35	113.33



**Computational Table - Storm Sewer Design**

Project: THE PLACE @ MARLBORO  
Marlboro Township, Monmouth County, NJ

PROJ. #: 55291.2000.00

PROJ.: The Place at Marlboro

BY: VAS

DATE: 11/02/20

**STORM TABLE (StormCAD)**

Label	Upstream Node	Downstream Node	Upstream Inlet Area (acres)	Upstream Inlet Rational Coefficient	Upstream Inlet CA (acres)	Upstream Calculated System CA (acres)	System Intensity (in/hr)	Total System Flow (cfs)	System Flow Time (min)	Length (ft)	Constructed Slope (ft/ft)	Section Size	Mannings n	Full Capacity (cfs)	Average Velocity (ft/s)	Upstream Invert Elevation (ft)	Downstream Invert Elevation (ft)	Upstream Ground Elevation (ft)	Downstream Ground Elevation (ft)	Upstream Cover (ft)	Downstream Cover (ft)	Hydraulic Grade Line In (ft)	Hydraulic Grade Line Out (ft)
B0	200	201	0.70	0.66	0.46	0.46	5.72	2.67	10.00	167	0.0050	18 inch	0.015	6.49	3.50	133.26	132.41	141.20	138.30	6.44	4.39	133.93	133.13
B1	201	202	0.08	0.81	0.06	0.53	5.58	2.96	10.80	76	0.0050	18 inch	0.015	6.35	3.53	132.41	132.04	138.30	135.00	4.39	1.46	133.13	132.69
B2	202	203	0.17	0.99	0.17	0.70	5.51	3.89	11.15	72	0.1110	24 inch	0.015	65.35	11.41	131.54	123.54	135.00	129.00	1.46	3.46	132.23	124.58
B3	203	205	0.17	0.99	0.17	0.87	5.50	4.82	11.26	82	0.0050	24 inch	0.015	13.35	3.90	123.54	123.16	129.00	127.00	3.46	1.84	124.58	124.52
B4	204	205	1.41	0.75	1.06	1.06	5.72	6.10	10.00	120	0.0100	24 inch	0.015	19.11	5.41	124.30	123.16	127.65	127.00	1.35	1.84	125.17	124.52
B5	205	206	1.90	0.36	0.69	2.61	5.43	14.31	11.61	84	0.0940	24 inch	0.015	60.12	15.69	123.16	115.26	127.00	121.40	1.84	4.14	124.52	115.92
B6	206	208	0.17	0.99	0.17	2.78	5.42	15.18	11.70	52	0.0050	30 inch	0.015	25.61	5.44	114.76	114.49	121.40	119.80	4.14	2.81	116.15	115.80
B7	207	208	1.21	0.59	0.72	0.72	5.72	4.14	10.00	167	0.0030	18 inch	0.015	5.22	3.28	116.04	115.49	118.50	119.80	0.96	2.81	117.05	116.27
B8	208	209	0.07	0.99	0.07	3.57	5.39	19.39	11.86	99	0.0030	36 inch	0.015	29.62	4.47	113.99	113.73	119.80	118.70	2.81	1.97	115.69	115.23
B9	209	210	0.72	0.71	0.51	4.08	5.32	21.90	12.23	124	0.0230	36 inch	0.015	88.24	10.36	113.73	110.84	118.70	119.00	1.97	5.16	115.23	115.37
B10	210	MH 212	0.15	0.99	0.15	4.23	5.29	22.54	12.43	101	0.0250	36 inch	0.015	91.30	10.70	113.84	111.32	119.00	119.40	2.16	5.08	115.37	113.75
B11	211	MH 212	0.32	0.53	0.17	0.17	5.72	0.98	10.00	11	0.0200	15 inch	0.015	7.92	4.39	113.29	113.07	118.60	119.40	4.06	5.08	113.68	113.75
B12	MH 212	MH 213	N/A	N/A	N/A	4.40	5.26	23.33	12.58	32	0.0270	36 inch	0.015	95.85	11.19	111.32	110.44	119.40	117.50	5.08	4.06	113.75	113.76
B13	MH 213	MH 214	N/A	N/A	N/A	4.40	5.25	23.29	12.63	230	0.0100	36 inch	0.015	57.80	3.29	105.80	103.50	117.50	116.00	8.70	9.50	113.76	113.38
B14	MH 214	HW 215	N/A	N/A	N/A	4.40	5.04	22.37	13.80	36	0.0140	36 inch	0.015	68.12	3.16	103.50	103.00	116.00	107.00	9.50	1.00	113.38	113.33
D0	OS #400	401						36.39	10.00	202	0.0150	30 inch	0.015	43.61	9.94	106.00	102.96	114.00	113.00	5.50	7.54	108.05	105.01
D1	401	403	0.06	0.99	0.06	0.06	5.66	36.73	10.34	209	0.0150	30 inch	0.015	43.64	9.96	102.96	99.81	113.00	103.80	7.54	1.49	105.01	101.57
D2	402	403	0.27	0.55	0.15	0.15	5.72	0.86	10.00	44	0.0050	15 inch	0.015	3.96	2.58	101.28	101.06	103.80	103.80	1.27	1.49	101.68	101.52
D3	403	404	0.15	0.71	0.10	0.31	5.60	38.16	10.69	129	0.0150	24x38 inch	0.013	54.81	11.46	99.81	97.88	103.80	100.35	1.99	0.47	101.52	99.60
D4	404	405	0.08	0.99	0.08	0.39	5.56	38.59	10.88	53	0.0150	24x38 inch	0.015	47.71	10.33	97.88	97.08	100.35	100.60	0.47	1.52	99.60	98.50
D5	405	408	N/A	N/A	N/A	0.39	5.55	38.59	10.96	28	0.0160	24x38 inch	0.015	49.23	10.59	97.08	96.63	100.60	100.00	1.52	1.37	98.80	98.08
D6	406	407							10.00	6	0.0180	18 inch	0.015	12.33		97.88	97.77	99.80	99.92	0.42	0.65	97.88	97.77
D7	407	408	N/A	N/A	N/A				10.00	30	0.0090	18 inch	0.015	8.64		97.77	97.50	99.92	100.00	0.65	1.00	97.77	97.50





**CONDUIT OUTLET PROTECTION WORKSHEET**

**Horizontal Riprap Apron Headwall #: 118**

PROJECT: The Place at Marlboro  
JOB NUMBER: 55291

BY: VAS  
DATE: 11/2/20

Length: 32'  
Width: 41'  
Riprap: 9"

Culvert Height ( $D_0$ ) = 3.00'  
Culvert Width ( $W_0$ ) = 3.00' (Circular Pipe)  
Design or 25-Year Storm Discharge ( $Q_0$ ) = 31.63cfs  
2-Year Storm Elevation ( $T_w$ ) = 0.6'

**Apron Dimensions:  $T_w < .5D_0$**

Length

$$L_a = \left(1.8 \frac{q}{\sqrt{D_0}}\right) + 7 D_0$$

$q = 31.63/3.00 = 10.54$   
 $D_0 = 3.00$   
 $L_a = 31.95'$  (Use 32')

Width

$$W = 3W_0 + L_a$$

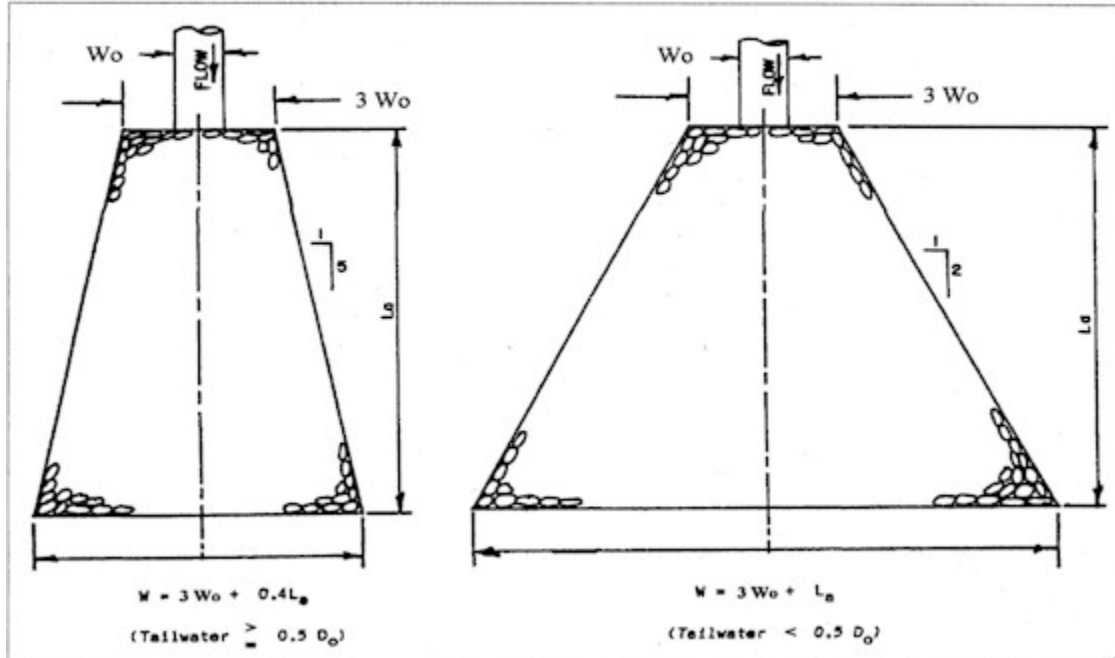
$W_0 = 3.00$   
 $L_a = 31.95$   
 $W = 40.95'$  (Use 41')

**Riprap (Median Stone Diameter ( $D_{50}$ )):**

$$D_0 = \frac{0.020}{T_w} q^{1.33}$$

$q = 31.63/3.00 = 10.54$   
 $T_w = 0.6$   
 $D_{50} = 0.76'$  (Use 9")

Figure 12-1 Configuration of Conduit Outlet Protection



From the Conduit Outlet Protection Standard, "Standards for Soil Erosion and Sediment Control in New Jersey", January 2014 (Pages 12-1 through 12-6)



**CONDUIT OUTLET PROTECTION WORKSHEET**

**Horizontal Riprap Apron Headwall #: 215**

PROJECT: The Place at Marlboro  
JOB NUMBER: 55291

BY: VAS  
DATE: 11/2/20

Length: 29'  
Width: 38'  
Riprap: 6"

Culvert Height ( $D_0$ ) = 3.00'  
Culvert Width ( $W_0$ ) = 3.00' (Circular Pipe)  
Design or 25-Year Storm Discharge ( $Q_0$ ) = 22.37cfs  
2-Year Storm Elevation ( $T_w$ ) = 0.6'

**Apron Dimensions:  $T_w < .5D_0$**

Length

$$L_a = \left(1.8 \frac{q}{\sqrt{D_0}}\right) + 7 D_0$$

$q = 22.37/3.00 = 7.46$   
 $D_0 = 3.00$   
 $L_a = 28.75'$  (Use 29')

Width

$$W = 3W_0 + L_a$$

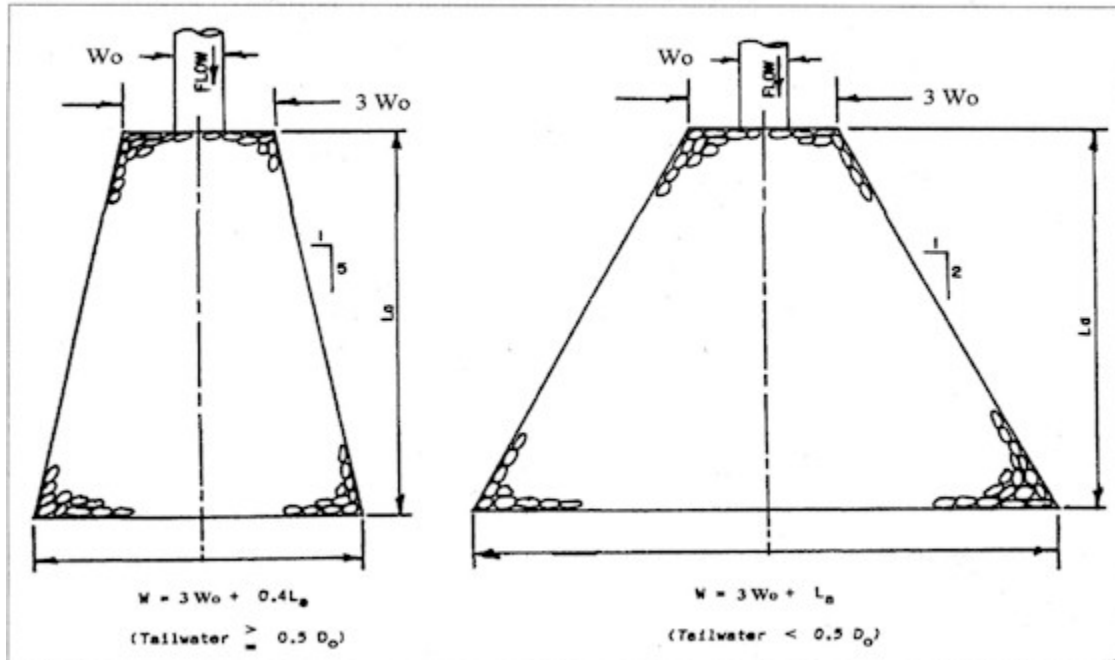
$W_0 = 3.00$   
 $L_a = 28.75$   
 $W = 37.75'$  (Use 38')

**Riprap (Median Stone Diameter ( $D_{50}$ )):**

$$D_{50} = \frac{0.020}{T_w} q^{1.33}$$

$q = 22.37/3.00 = 7.46$   
 $T_w = 0.6$   
 $D_{50} = 0.48'$  (Use 6")

Figure 12-1 Configuration of Conduit Outlet Protection



From the Conduit Outlet Protection Standard, "Standards for Soil Erosion and Sediment Control in New Jersey", January 2014 (Pages 12-1 through 12-6)



## APPENDIX 4



## Emergency Spillway

$$L = \frac{Q}{C \times H}^{1.50}$$

Top of Berm Elev. = 116.00  
C = 3.20  
Q = 140.91 cfs  
H = 1.00 ft.  
Crest Elev. = 114.00

$$L = \frac{140.91}{3.20 \times 1.00} = 44.03 \text{ (use } 75.00 \text{ ft.)}$$

$$V = Q/A$$

$$V = 1.88 \text{ ft/s} \text{ Therefore, vegetative stability is achieved.}$$



## APPENDIX 5



Project: The Place at Marlboro  
Location: Marlboro Township, Monmouth County, N.J.

Date: 01/31/19  
By: VS

**Sediment Basin Calculations**

Revised: 11/02/20  
By: VS

Basin ID: 1

**Sediment Basin Volume:**

The volume in the sediment basin below the crest elevation of the emergency spillway shall be the larger of:

Method #1: The volume necessary to obtain 70% trap efficiency at the start of the basin's useful life ('C')

Method #2: The volume necessary to provide sediment storage capacity and provide for temporary stormwater runoff storage from a 2-year frequency, 24-hour duration, Type III storm (V)

**Method #1: Trap Efficiency**

Trap Efficiency = 70 %  
Efficiency Reduction = 10 % (10% for silt, clay and fine grains, 5% for sand and coarse grained)  

---

---

Adjusted Trap Efficiency (TE) = 80 %

C/I = Ratio of capacity of basin to annual flow

Where:

C = Required Volume of Sediment Basin (AcFt)  
A = 17.66 Acres, Total Drainage Area  
R = 22 inches, Average Surface Rainfall (fig 26-1)  
I = Average Annual Surface Runoff (AcFt)  
= (A)(R)(1ft/12in)  
= 32.38 AcFt

C/I = 0.06 Ratio of Capacity to Annual Inflow (curve 26-1)  
where TE = 80 %

C = (I)(C/I)  
=

**Minimum Required Volume = 1.94 Ac-ft Below the Emergency Spillway**

**Volume Provided = 1.980 acre feet @ Elev= 111.28**

Project: The Place at Marlboro  
 Location: Marlboro Township, Monmouth County, N.J.

Date: 01/31/19  
 By: VS

**Sediment Basin Calculations**

Revised: 11/02/20  
 By: VS

Basin ID: 1

**Sediment Basin Volume:  
 Method #2: Sediment Storage Capacity**

Determine (DA)(A)

DA = Acres, Drainage Area  
 A = ton/ac/yr, Avg. Annual Erosion (chart on pg 26-4)

First = 1.0 year(s)

	<u>DA</u>	<u>A</u>	<u>(DA)(A), yrs</u>
Developed Areas	0	1.0	0.00
Construction	17.66	50	883.00
		Sub-total	883 tons/yr

Second = 0.5 year(s)

	<u>DA</u>	<u>A</u>	<u>(DA)(A), tons/yr</u>
Developed Areas	17.66	1.0	8.83
Construction	0	50	0.00
		Sub-total	9 tons/yr

Total (DA)(A)= 892 tons/yr

Determine DR, Delivery Ratio

A = 17.66 Acres, Total Drainage Area  
 = 0.028 square miles  
 From Curve 26-2 DR= 100.00 % Delivery Ratio for silt

Determine  $\gamma_s$ , Saturated density of sediment (Table 26-1)

$\gamma_s$  = 75 lb/cf for submerged silt

Determine Volume of Sediment Trapped for planned life of structure (ac-ft/yr)

where:

$$V(\text{sed}) = (DA)(A)(DR)(TE)(1/\gamma_s)(2000 \text{ lbs/ton})(1/43560 \text{ sf/acre})$$

Where: V = Volume of Sediment Trapped for planned life of structure (ac-ft/yr)  
 (DA)(A) = 892 tons/yr  
 DR = 100 % Delivery Ratio for silt  
 TE = 80 %  
 $\gamma_s$  = 75 lb/cf for submerged silt

**V(sed) = 19,026 cf, Required Storage for Trapped Sediment**

Minimum Req'd Sediment Volume = 0.437 acre feet  
 2 yr. Inflow Volume = 2.478 acre feet  
 Minimum Volume Required = 2.915 acre feet @ Elev= 112.20 +/-  
 Volume Provided = 2.970 acre feet @ Elev= 112.25

**The wet pond will act as the sediment basin with the 2.5-inch orifice plugged.**



## APPENDIX 6



# Low Impact Development Checklist

**A checklist for identifying nonstructural stormwater management strategies incorporated into proposed land development**

Municipality: MARLBORO

County: MONMOUTH Date: \_\_\_\_\_

Review board or agency: MARLBORO PLANNING BOARD

Proposed land development name: The Place at Marlboro

Lot(s): 31 & 16 Block(s): 148 & 149

Project or application number: 55291.1004.00

Applicant's name: The Place at Marlboro, LLC

Applicant's address: 1970 Brunswick Avenue, Suite 100

Lawrenceville, NJ 08648

Telephone: 609-298-2229 Fax: N/A

Email address: N/A

Designer's name: Taylor Wiseman & Taylor

Designer's address: 124 Gaither Drive, Suite 150, Mount Laurel, NJ 08054

Telephone: (856) 235-7200 Fax: (856) 722-9250

Email address: \_\_\_\_\_

## Part 1: Description of Nonstructural Approach to Site Design

In narrative form, provide an overall description of the nonstructural stormwater management approach and strategies incorporated into the proposed site's design. Attach additional pages as necessary. Details of each nonstructural strategy are provided in Part 3 below.

- 1) Protect areas that provide water quality benefits or areas particularly susceptible to erosion and sediment loss--The runoff from the site is to be collected in inlets and piped to the basins to prevent erosion and sediment loss. The proposed swale slopes were minimized at 2%.

---
- 2) Minimize impervious surfaces and break up or disconnect the flow of runoff over impervious surfaces--Impervious coverage was minimized and the runoff was disconnected wherever feasible without compromising the integrity of the design.

---
- 3) Maximize the protection of natural drainage features and vegetation--The disturbance for the site was minimized as much as possible by clustering the development and providing approximately 35% open space.

---
- 4) Minimize the decrease in the pre construction "time of concentration"--The time of concentration was minimized as much as possible by introducing swales @ 2%, which are less than existing slopes.

---
- 5) Minimize land disturbance including clearing and grading--The disturbance for the site was minimized as much as possible by condensing the development and providing approximately 35% open space.

---
- 6) Minimize soil compaction--Construction vehicles shall utilize the proposed roadway and driveways to help minimize soil compaction to the proposed open areas. Also, lightweight construction vehicles shall be utilized within grassed areas whenever possible.

---
- 7)•Provide low maintenance landscaping that encourages retention and planting of native vegetation and minimizes the use of lawns, fertilizers, and pesticides.–The project proposes low maintenance landscaping and native vegetation.

---
- 8)•Provide vegetated open channel conveyance systems that discharge into and through stable vegetated areas--Where ever possible runoff generated from the lots will flow through vegetated swales at minimal allowable slopes.

---
- 9) Provide preventative source controls--Pollution prevention techniques such as using 'Eco-type inlets with 'Dump No Waste' stamps on the grates shall be utilized. Also, when establishing vegetation after land disturbance, applying fertilizer in accordance with the requirements established under the Soil Erosion and Sediment Control Act, N.J.S.A. 4:24-39 et seq., and implementing rules.

---

## Part 2: Review of Local Stormwater Management Regulations

Title and date of stormwater management regulations used in development design:

NJDEP Stormwater Regulations - NJAC 7:8 (adopted 2/05/04 & amended on 4/19/10)

---

Do regulations include nonstructural requirements? Yes: \_\_\_\_\_ No: X

If yes, briefly describe: \_\_\_\_\_

---

---

List LID-BMPs prohibited by local regulations: \_\_\_\_\_

---

---

Pre-design meeting held? Yes: \_\_\_\_\_ Date: \_\_\_\_\_ No: X

Meeting held with: \_\_\_\_\_

---

---

Pre-design site walk held? Yes: \_\_\_\_\_ Date: \_\_\_\_\_ No: X

Site walk held with: \_\_\_\_\_

---

---

Other agencies with stormwater review jurisdiction:

Name: MONMOUTH COUNTY PLANNING BOARD

Required approval: SUBDIVISION APPROVAL

Name: FREEHOLD SOIL CONSERVATION DISTRICT

Required approval: SOIL CERTIFICATION

Name: \_\_\_\_\_

Required approval: \_\_\_\_\_

## Part 3: Nonstructural Strategies and LID-BMPs in Design

### 3.1 Vegetation and Landscaping

Effective management of both existing and proposed site vegetation can reduce a development's adverse impacts on groundwater recharges and runoff quality and quantity. This section of the checklist helps identify the vegetation and landscaping strategies and nonstructural LID-BMPs that have been incorporated into the proposed development's design to help maintain existing recharge rates and/or minimize or prevent increases in runoff quantity and pollutant loading.

A. Has an inventory of existing site vegetation been performed? Yes:  No: \_\_\_\_\_

If yes, was this inventory a factor in the site's layout and design? Yes:  No: \_\_\_\_\_

B. Does the site design utilize any of the following nonstructural LID-BMPs?

Preservation of natural areas? Yes:  No: \_\_\_\_\_ If yes, specify % of site: 24%

Native ground cover? Yes:  No: \_\_\_\_\_ If yes, specify % of site: 24%

Vegetated buffers? Yes:  No: \_\_\_\_\_ If yes, specify % of site: 24%

C. Do the land development regulations require these nonstructural LID-BMPs?

Preservation of natural areas? Yes: \_\_\_\_\_ No:  If yes, specify % of site: \_\_\_\_\_

Native ground cover? Yes: \_\_\_\_\_ No:  If yes, specify % of site: \_\_\_\_\_

Vegetated buffers? Yes: \_\_\_\_\_ No:  If yes, specify % of site: \_\_\_\_\_

D. If vegetated filter strips or buffers are utilized, specify their functions:

Reduce runoff volume increases through lower runoff coefficient: Yes: \_\_\_\_\_ No:

Reduce runoff pollutant loads through runoff treatment: Yes: \_\_\_\_\_ No:

Maintain groundwater recharge by preserving natural areas: Yes: \_\_\_\_\_ No:

### 3.2 Minimize Land Disturbance

Minimizing land disturbance is a nonstructural LID-BMP that can be applied during both the development's construction and post-construction phases. This section of the checklist helps identify those land disturbance strategies and nonstructural LID-BMPs that have been incorporated into the proposed development's design to minimize land disturbance and the resultant change in the site's hydrologic character.

A. Have inventories of existing site soils and slopes been performed? Yes: X No: \_\_\_\_\_

If yes, were these inventories factors in the site's layout and design? Yes: X No: \_\_\_\_\_

B. Does the development's design utilize any of the following nonstructural LID-BMPs?

Restrict permanent site disturbance by land owners? Yes: \_\_\_\_\_ No: X

If yes, how: \_\_\_\_\_  
\_\_\_\_\_

Restrict temporary site disturbance during construction? Yes: \_\_\_\_\_ No: X

If yes, how: \_\_\_\_\_  
\_\_\_\_\_

Consider soils and slopes in selecting disturbance limits? Yes: \_\_\_\_\_ No: X

If yes, how: \_\_\_\_\_  
\_\_\_\_\_

C. Specify percentage of site to be cleared: 76% Regraded: 76%

D. Specify percentage of cleared areas done so for buildings: 18 %

For driveways and parking: 30 % For roadways: 8%

E. What design criteria and/or site changes would be required to reduce the percentages in C and D above?

Increasing slopes to tie into existing grades.

---

---

---

F. Specify site's hydrologic soil group (HSG) percentages:

HSG A: 19% HSG B: 81% HSG C: 0% HSG D: 0%

G. Specify percentage of each HSG that will be permanently disturbed:

HSG A: 94% HSG B: 72% HSG C: n/a HSG D: n/a

H. Locating site disturbance within areas with less permeable soils (HSG C and D) and minimizing disturbance within areas with greater permeable soils (HSG A and B) can help maintain groundwater recharge rates and reduce runoff volume increases. In light of the HSG percentages in F and G above, what other practical measures if any can be taken to achieve this?

Can not due to soils on site consisting of only HSG 'A' & 'B' type soils.

---

---

---

I. Does the site include Karst topography? Yes: \_\_\_\_\_ No: X

If yes, discuss measures taken to limit Karst impacts:

---

---

---

---

---

---



### 3.3 Impervious Area Management

New impervious surfaces at a development site can have the greatest adverse effect on groundwater recharge and stormwater quality and quantity. This section of the checklist helps identify those nonstructural strategies and LID-BMPs that have been incorporated into a proposed development's design to comprehensively manage the extent and impacts of new impervious surfaces.

A. Specify impervious cover at site: Existing: 6% Proposed: 39%

B. Specify maximum site impervious coverage allowed by regulations: 80%

C. Compare proposed street cartway widths with those required by regulations:

Type of Street	Proposed Cartway Width (feet)	Required Cartway Width (feet)
Residential access – low intensity	24	25
Residential access – medium intensity		
Residential access – high intensity with parking		
Residential access – high intensity without parking		
Neighborhood		
Minor collector – low intensity without parking		
Minor collector – with one parking lane		
Minor collector – with two parking lanes		
Minor collector – without parking		
Major collector		

-□

D. Compare proposed parking space dimensions with those required by regulations:

Proposed: 9' X 18' Regulations: 10' X 20'

E. Compare proposed number of parking spaces with those required by regulations:

Proposed: 522 parking spaces Regulations: 522 parking spaces

F. Specify percentage of total site impervious cover created by buildings:

By driveways and parking: 25% By roadways: 45%

G. What design criteria and/or site changes would be required to reduce the percentages in F above?

**Using gravel for driveways & narrower street.**

---

---

---

---

H. Specify percentage of total impervious area that will be unconnected:

Total site: 0% Buildings: 0% Driveways and parking: 0% Roads: 0%

I. Specify percentage of total impervious area that will be porous:

Total site: 0% Buildings: 0% Driveways and parking: 0% Roads: 0%

J. Specify percentage of total building roof area that will be vegetated: 0%

K. Specify percentage of total parking area located beneath buildings: 0%

L. Specify percentage of total parking located within multi-level parking deck: 0%

### 3.4 Time of Concentration Modifications

Decreasing a site's time of concentration (Tc) can lead directly to increased site runoff rates which, in turn, can create new and/or aggravate existing erosion and flooding problems downstream. This section of the checklist helps identify those nonstructural strategies and LID-BMPs that have been incorporated into the proposed development's design to effectively minimize such Tc decreases.

When reviewing Tc modification strategies, it is important to remember that a drainage area's Tc should reflect the general conditions throughout the area. As a result, Tc modifications must generally be applied throughout a drainage area, not just along a specific Tc route.

A. Specify percentage of site's total stormwater conveyance system length that will be:

Storm sewer: 75% Vegetated swale: 25% Natural channel: 0%

Stormwater management facility: 0% Other: \_\_\_\_\_

Note: the total length of the stormwater conveyance system should be measured from the site's downstream property line to the downstream limit of sheet flow at the system's headwaters.

B. What design criteria and/or site changes would be required to reduce the storm sewer percentages and increase the vegetated swale and natural channel percentages in A above?

**Remove curbing and construct roadside swales.**

---

---

---

C. In conveyance system subareas that have overland or sheet flow over impervious surfaces or turf grass, what practical and effective site changes can be made to:

Decrease overland flow slope: By reducing the slopes less than 2%.

---

---

---

Increase overland flow roughness: By using meadow-grass rather than lawn-grassed.

---

---

---

### 3.5 Preventative Source Controls

The most effective way to address water quality concerns is by pollution prevention. This section of the checklist helps identify those nonstructural strategies and LID-BMPs that have been incorporated into the proposed development's design to reduce the exposure of pollutants to prevent their release into the stormwater runoff.

#### A. Trash Receptacles

Specify the number of trash receptacles provided: 5 trash receptacles

Specify the spacing between the trash receptacles: 350 feet

Compare trash receptacles proposed with those required by regulations:

Proposed: \_\_\_\_\_ Regulations: N/A

#### B. Pet Waste Stations

Specify the number of pet waste stations provided: 0

Specify the spacing between the pet waste stations: N/A

Compare pet waste stations proposed with those required by regulations:

Proposed: N/A Regulations: N/A

#### C. Inlets, Trash Racks, and Other Devices that Prevent Discharge of Large Trash and Debris

Specify percentage of total inlets that comply with the NJPDES storm drain inlet criteria: 100%

#### D. Maintenance

Specify the frequency of the following maintenance activities:

Street sweeping: Proposed: As needed Regulations: Unknown

Litter collection: Proposed: weekly Regulations: weekly

Identify other stormwater management measures on the site that prevent discharge of large trash and debris:

Trash racks on outlet structures, ECO curb peices on Type 'B' inlets.

---

---

E. Prevention and Containment of Spills **N/A**

Identify locations where pollutants are located on the site, and the features that prevent these pollutants from being exposed to stormwater runoff:

Pollutant: \_\_\_\_\_ Location: \_\_\_\_\_

Feature utilized to prevent pollutant exposure, harmful accumulation, or contain spills:

Pollutant: \_\_\_\_\_ Location: \_\_\_\_\_

Feature utilized to prevent pollutant exposure, harmful accumulation, or contain spills:

Pollutant: \_\_\_\_\_ Location: \_\_\_\_\_

Feature utilized to prevent pollutant exposure, harmful accumulation, or contain spills:

Pollutant: \_\_\_\_\_ Location: \_\_\_\_\_

Feature utilized to prevent pollutant exposure, harmful accumulation, or contain spills:

Pollutant: \_\_\_\_\_ Location: \_\_\_\_\_

## Part 4: Compliance with Nonstructural Requirements of NJDEP Stormwater Management Rules

1. Based upon the checklist responses above, indicate which nonstructural strategies have been incorporated into the proposed development's design in accordance with N.J.A.C. 7:8-5.3(b):

No.	Nonstructural Strategy	Yes	No
1.	Protect areas that provide water quality benefits or areas particularly susceptible to erosion and sediment loss.	X	
2.	Minimize impervious surfaces and break up or disconnect the flow of runoff over impervious surfaces.	X	
3.	Maximize the protection of natural drainage features and vegetation.	X	
4.	Minimize the decrease in the pre-construction time of concentration.	X	
5.	Minimize land disturbance including clearing and grading.	X	
6.	Minimize soil compaction.	X	
7.	Provide low maintenance landscaping that encourages retention and planting of native vegetation and minimizes the use of lawns, fertilizers, and pesticides.	X	
8.	Provide vegetated open-channel conveyance systems discharge into and through stable vegetated areas.	X	
9.	Provide preventative source controls. N/A <input type="checkbox"/>		

2. For those strategies that have not been incorporated into the proposed development's design, provide engineering, environmental, and/or safety reasons. Attached additional pages as necessary.

N/A

---



---



---



---



---



---



---



---



---



---

## APPENDIX 7





Project Name		Description		Analysis Date		BMP or LID Type	
The Place at Marlboro		System #100 & #200		11/02/20		Underground Recharge Chamber	
Recharge BMP Input Parameters				Root Zone Water Capacity Calculated Parameters			
Parameter	Symbol	Value	Unit	Parameter	Symbol	Value	Unit
BMP Area	ABMP	1760.0	sq.ft	Empty Portion of RWC under Post-D Natural Recharge	ERWC	0.89	in
BMP Effective Depth, this is the design variable Upper level of the BMP surface (negative if above ground)	dBMP	25.2	in	ERWC Modified to consider dEXC	EDRWC	0.28	in
Depth of lower surface of BMP, must be >= dBMPu	dBMPu	12.0	in	Empty Portion of RWC under Infiltr. BMP	RERWC	0.22	in
Post-development Land Segment Location of BMP, Input Zero if Location is distributed or undetermined	SegBMP	0	unitless				
Recharge Design Parameters				Recharge Design Parameters			
Parameter	Symbol	Value	Unit	Parameter	Symbol	Value	Unit
Inches of Runoff to capture	Odesign	0.22	in	Inches of Runoff to capture	Odesign	0.22	in
Inches of Rainfall to capture	Pdesign	0.29	in	Inches of Rainfall to capture	Pdesign	0.29	in
Recharge Provided Avg. over Imp. Area		13.5	in	Recharge Provided Avg. over Imp. Area		13.5	in
Runoff Captured Avg. over Imp. Area		13.6	in	Runoff Captured Avg. over Imp. Area		13.6	in
CALCULATION CHECK MESSAGES							
Volume Balance -> <b>Solve Problem to satisfy Annual Recharge</b>							
dBMP Check -> <b>OK</b>							
dEXC Check -> <b>OK</b>							
BMP Location -> <b>Location is selected as distributed or undetermined</b>							
OTHER NOTES							
Pdesign is accurate only after BMP dimensions are updated to make rech volume= deficit volume. The portion of BMP infiltration prior to filling and the area occupied by BMP are ignored in these calculations. Results are sensitive to dBMP, make sure dBMP selected is small enough for BMP to empty in less than 3 days. For land Segment Location of BMP if you select "impervious areas" RWC will be minimal but not zero as determined by the soil type and a shallow root zone for this Land Cover allowing consideration of lateral flow and other losses							
BMP Calculated Size Parameters							
ABMP/Aimp	Aratio	0.01	unitless				
BMP Volume	VBMP	3,696	cu.ft				
System Performance Calculated Parameters							
Annual BMP Recharge Volume		232,716	cu.ft				
Avg BMP Recharge Efficiency		98.9%	Represents % Infiltration Recharged				
%Rainfall became Runoff		77.7%	%				
%Runoff Infiltrated		39.0%	%				
%Runoff Recharged		19.3%	%				
%Rainfall Recharged		15.0%	%				
Parameters from Annual Recharge Worksheet							
Post-D Deficit Recharge (or desired recharge volume)	Vdef	232,259	cu.ft				
Post-D Impervious Area (or target Impervious Area)	Aimp	207,432	sq.ft				
Root Zone Water Capacity	RWC	3.18	in				
RWC Modified to consider dEXC	DRWC	0.99	in				
Climatic Factor	C-factor	1.44	no units				
Average Annual P	Pavg	44.9	in				
Recharge Requirement over Imp. Area	dr	6.7	in				
<b>How to solve for different recharge volumes:</b> By default the spreadsheet assigns the values of total deficit recharge volume "Vdef" and total proposed impervious area "Aimp" from the "Annual Recharge" sheet to "Vdef" and "Aimp" on this page. This allows solution for a single BMP to handle the entire recharge requirement assuming the runoff from entire impervious area is available to the BMP. To solve for a smaller BMP or a LID-IMP to recharge only part of the recharge requirement, set Vdef to your target value and Aimp to impervious area directly connected to your infiltration facility and then solve for ABMP or dBMP. To go back to the default configuration click the "Default Vdef & Aimp" button.							



Project Name		Description		Analysis Date		BMP or LID Type	
The Place at Marlboro		Recharge System #2		11/02/20		Underground Recharge Chamber	
Recharge BMP Input Parameters				Root Zone Water Capacity Calculated Parameters			
Parameter	Symbol	Value	Unit	Parameter	Symbol	Value	Unit
BMP Area	ABMP	1760.0	sq.ft	Empty Portion of RWC under Post-D Natural Recharge	ERWC	0.89	in
BMP Effective Depth, this is the design variable Upper level of the BMP surface (negative if above ground)	dBMP	25.2	in	ERWC Modified to consider dEXC	EDRWC	0.28	in
Depth of lower surface of BMP, must be >= dBMPu	dBMPu	12.0	in	Empty Portion of RWC under Infiltr. BMP	RERWC	0.22	in
Post-development Land Segment Location of BMP, Input Zero if Location is distributed or undetermined	SegBMP	0	unitless				
Recharge Design Parameters				Recharge Design Parameters			
Parameter	Symbol	Value	Unit	Parameter	Symbol	Value	Unit
Inches of Runoff to capture	Odesign	0.22	in	Inches of Runoff to capture	Odesign	0.22	in
Inches of Rainfall to capture	Pdesign	0.29	in	Inches of Rainfall to capture	Pdesign	0.29	in
Recharge Provided Avg. over Imp. Area		13.5	in	Recharge Provided Avg. over Imp. Area		13.5	in
Runoff Captured Avg. over Imp. Area		13.6	in	Runoff Captured Avg. over Imp. Area		13.6	in
CALCULATION CHECK MESSAGES							
Volume Balance-> <b>Solve Problem to satisfy Annual Recharge</b>							
dBMP Check-> <b>OK</b>							
dEXC Check-> <b>OK</b>							
BMP Location-> <b>Location is selected as distributed or undetermined</b>							
OTHER NOTES							
Pdesign is accurate only after BMP dimensions are updated to make rech volume= deficit volume. The portion of BMP infiltration prior to filling and the area occupied by BMP are ignored in these calculations. Results are sensitive to dBMP, make sure dBMP selected is small enough for BMP to empty in less than 3 days. For land Segment Location of BMP if you select "impervious areas" RWC will be minimal but not zero as determined by the soil type and a shallow root zone for this Land Cover allowing consideration of lateral flow and other losses							
BMP Calculated Size Parameters							
ABMP/Aimp	Aratio	0.01	unitless				
BMP Volume	VBMP	3,696	cu.ft				
System Performance Calculated Parameters							
Annual BMP Recharge Volume		232,716	cu.ft				
Avg BMP Recharge Efficiency		98.9%	Represents % Infiltration Recharged				
%Rainfall became Runoff		77.7%	%				
%Runoff Infiltrated		39.0%	%				
%Runoff Recharged		19.3%	%				
%Rainfall Recharged		15.0%	%				
Parameters from Annual Recharge Worksheet							
Post-D Deficit Recharge (or desired recharge volume)	Vdef	232,259	cu.ft				
Post-D Impervious Area (or target Impervious Area)	Aimp	207,432	sq.ft				
Root Zone Water Capacity	RWC	3.18	in				
RWC Modified to consider dEXC	DRWC	0.99	in				
Climatic Factor	C-factor	1.44	no units				
Average Annual P	Pavg	44.9	in				
Recharge Requirement over Imp. Area	dr	6.7	in				
<b>How to solve for different recharge volumes:</b> By default the spreadsheet assigns the values of total deficit recharge volume "Vdef" and total proposed impervious area "Aimp" from the "Annual Recharge" sheet to "Vdef" and "Aimp" on this page. This allows solution for a single BMP to handle the entire recharge requirement assuming the runoff from entire impervious area is available to the BMP. To solve for a smaller BMP or a LID-IMP to recharge only part of the recharge requirement, set Vdef to your target value and Aimp to impervious area directly connected to your infiltration facility and then solve for ABMP or dBMP. To go back to the default configuration click the "Default Vdef & Aimp" button.							



*Underground Recharge Volume Calculations*

Perf. Pipe Length/System= 465.00  
Pipe Diameter= 2.0  
**Perf. Pipe Volume= 1460.10**

Perf. Pipe Length/System= 465.00  
Outside Pipe Diameter= 2.5  
Outside Pipe Volume= 2281.41

Stone Bed Length= 72.00  
Stone Bed Width= 28.50  
Stone Bed Depth= 4.0  
Stone Porosity= 0.40  
Outside Pipe Volume= 2281.41  
**Stone Bed Volume= 2370.64**

**Total Volume/System= 3830.74**

**Total Volume= 7661.48**



## AQUASWIRL

### **Water Quality Storm Flow Calculations (AQUASWIRL#1) XC-13**

WT C= 0.99  
I = 3.20 in/hr  
Area = 4.81 acres  
Tc = 10.00 minutes

Where:

Q = runoff rate (cubic feet per second) = CIA  
C = Rational Method runoff coefficient  
I = rainfall intensity (inches per hour)  
A = drainage area (acres)

Therefore:

Q = 15.24 CFS

### **Water Quality Storm Flow Calculations (AQUASWIRL#2) XC-11**

WT C= 0.99  
I AVG = 3.20 in/hr  
Area = 3.62 acres  
Tc = 10.00 minutes

Where:

Q = runoff rate (cubic feet per second) = CIA  
C = Rational Method runoff coefficient  
I = rainfall intensity (inches per hour)  
A = drainage area (acres)

Therefore:

Q = 11.47 CFS







## State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Bureau of Nonpoint Pollution Control

Division of Water Quality

401-02B

Post Office Box 420

Trenton, New Jersey 08625-0420

609-633-7021 Fax: 609-777-0432

[http://www.state.nj.us/dep/dwq/bnpc\\_home.htm](http://www.state.nj.us/dep/dwq/bnpc_home.htm)

PHILIP D. MURPHY  
*Governor*

SHEILA Y. OLIVER  
*Lt. Governor*

CATHERINE R. MCCABE  
*Commissioner*

**January 21, 2020**

Mark B. Miller, Research Scientist  
AquaShield™, Inc.  
2733 Kanasita Drive, Suite 111  
Chattanooga, TN 37343

Re: MTD Lab Certification  
Aqua-Swirl® XCellerator Stormwater Treatment System  
On-line Installation

### **TSS Removal Rate 50%**

Dear Mr. Miller:

This revised certification letter supersedes the Department's prior certification dated July 23, 2019. This revision was completed to reflect AquaShield's enhanced fabrication capability to manufacture larger-size units of its the Aqua-Swirl® XCellerator Stormwater Treatment System (Aqua-Swirl® XCellerator) Manufactured Treatment Device (MTD), while still meeting the scaling methodology as agreed upon by the manufacturers' working group on September 19, 2016. Specifically, models XC-5 through XC-12 can now be fabricated slightly larger, while models XC-2 through XC-4, as well as model XC-13, remain unchanged. Based on these modifications, Tables A-1 and A-2 of the New Jersey Corporation for Advanced Technology (NJCAT) Verification report located at <http://www.njcat.org/uploads/newDocs/AquaSwirlXC2NJCATReportFinalJanuary2020.pdf> have been revised to specify these larger units and associated maximum treatment flow rates. Table 1 below has been updated to reflect these same updated model sizes and flow rates.

The Stormwater Management rules under N.J.A.C. 7:8-5.5(b) and 5.7(c) allow the use of MTDs for compliance with the design and performance standards at N.J.A.C. 7:8-5 if the pollutant removal rates have been verified by the NJCAT and have been certified by the New Jersey Department of Environmental Protection (NJDEP). AquaShield™, Inc. has requested an MTD Laboratory Certification for the Aqua-Swirl® XCellerator Stormwater Treatment System.

The project falls under the "Procedure for Obtaining Verification of a Stormwater Manufactured Treatment Device from New Jersey Corporation for Advance Technology" dated January 25,

2013. The applicable protocol is the “New Jersey Laboratory Testing Protocol to Assess Total Suspended Solids Removal by a Hydrodynamic Sedimentation Manufactured Treatment Device” dated January 25, 2013.

NJCAT verification documents submitted to the NJDEP indicate that the requirements of the aforementioned protocol have been met or exceeded. The NJCAT letter also included a recommended certification TSS removal rate and the required maintenance plan. The NJCAT Verification Report with the Verification Appendix (dated June 2019, with Revised Tables A-1 and A-2, January 2020) for this device is published online at <http://www.njcat.org/verification-process/technology-verification-database.html>.

**The NJDEP certifies the use of the Aqua-Swirl® XCELERATOR Stormwater Treatment System at a TSS removal rate of 50% when designed, operated, and maintained in accordance with the information provided in the Verification Appendix and the following conditions:**

1. The maximum treatment flow rate (MTFR) for the manufactured treatment device (MTD) is calculated using the New Jersey Water Quality Design Storm (1.25 inches in 2 hrs) in N.J.A.C. 7:8-5.5.
2. The Aqua-Swirl® XCELERATOR shall be installed using the same configuration reviewed by NJCAT and shall be sized in accordance with the criteria specified in item 6 below.
3. This Aqua-Swirl® XCELERATOR cannot be used in series with another MTD or a media filter (such as a sand filter) to achieve an enhanced removal rate for total suspended solids (TSS) removal under N.J.A.C. 7:8-5.5.
4. Additional design criteria for MTDs can be found in Chapter 9.6 of the New Jersey Stormwater Best Management Practices (NJ Stormwater BMP) Manual, which can be found online at [www.njstormwater.org](http://www.njstormwater.org).
5. The maintenance plan for a site using this device shall incorporate, at a minimum, the maintenance requirements for the Aqua-Swirl® XCELERATOR. A copy of the maintenance plan is attached to this certification. However, it is recommended to review the maintenance website at [https://cdn.websites.hibu.com/a97c027d62d54a948588ae7d58f831d0/files/uploaded/XC%20IM%20Manual\\_04-19\\_karG16DITgiSiif2vPL4.pdf](https://cdn.websites.hibu.com/a97c027d62d54a948588ae7d58f831d0/files/uploaded/XC%20IM%20Manual_04-19_karG16DITgiSiif2vPL4.pdf) for any changes to the maintenance requirements.
6. Sizing Requirement:

The example below demonstrates the sizing procedure for the Aqua-Swirl® XCELERATOR:

Example: A 0.25-acre impervious site is to be treated to 50% TSS removal using an Aqua-Swirl® XCELERATOR. The impervious site runoff (Q) based on the New Jersey Water Quality Design Storm was determined to be 0.79 cfs.

Maximum Treatment Flow Rate (MTFR) Evaluation:

The site runoff (Q) was based on the following:

time of concentration = 10 minutes  
 $i = 3.2$  in/hr (page 5-8, Fig. 5-3 of the NJ Stormwater BMP Manual)  
 $c = 0.99$  (runoff coefficient for impervious)  
 $Q = ciA = 0.99 \times 3.2 \times 0.25 = 0.79$  cfs

Given the site runoff is 0.79 cfs and based on Table 1 below, the Aqua-Swirl® XCELERATOR Model XC-3 with an MTFR of 1.13 cfs would be the smallest model approved that could be used for this site to remove 50% of the TSS from the impervious area without exceeding the MTFR.

The sizing table corresponding to the available system models is noted below. Additional specifications regarding each model can be found in the Verification Appendix under Tables A-1 and A-2.

**Table 1 Aqua-Swirl® XCELERATOR Models and Associated MTFRs**

<b>Model</b>	<b>Manhole Diameter (ft)</b>	<b>NJDEP 50% TSS Maximum Treatment Flow Rate, MTFR (cfs)</b>	<b>50% Maximum Sediment Storage Area Volume (ft<sup>3</sup>)</b>
XC-2	2.5	0.57	2.46
XC-3	3.5	1.13	4.81
XC-4	4.5	1.86	7.95
XC-5	5.5	2.78	11.88
XC-6	6.5	3.88	16.59
XC-7	7.5	5.17	22.09
XC-8	8.5	6.64	28.38
XC-9	9.5	8.29	35.44
XC-10	10.5	10.13	43.30
XC-11	11.5	12.15	51.94
XC-12	12.5	14.35	61.36
XC-13	13	15.53	66.37

A detailed maintenance plan is mandatory for any project with a stormwater BMP subject to the Stormwater Management rules under N.J.A.C. 7:8. The plan must include all of the items identified in the Maintenance requirements section of the Stormwater Management rules under N.J.A.C. 7:8-5.8. Such items include, but are not limited to, the list of inspection and maintenance equipment and tools, specific corrective and preventative maintenance tasks, indication of problems in the system, and training of maintenance personnel. Additional information can be found in Chapter 8: Maintenance and Retrofit of Stormwater Management Measures.

If you have any questions regarding the above information, please contact Brian Salvo of my office at (609) 633-7021.

Sincerely,

A handwritten signature in blue ink that reads "Gabriel Mahon". The signature is written in a cursive style with a large initial "G" and a long, sweeping tail on the "n".

Gabriel Mahon, Chief  
Bureau of Nonpoint Pollution Control

Attachment: Maintenance Plan

cc: Chron File  
Richard Magee, NJCAT  
Jim Murphy, NJDEP-BNPC  
Vince Mazzei, NJDEP - DLUR  
Brian Salvo, NJDEP - BNPC



## **Aqua-Swirl<sup>®</sup> XCelerator Stormwater Treatment System**

### **Inspection and Maintenance Manual for New Jersey Department of Environmental Protection (NJDEP)**



**AquaShield<sup>™</sup>, Inc.  
2733 Kanasita Drive  
Suite 111  
Chattanooga, TN 37343  
Toll free (888) 344-9044  
Phone: (423) 870-8888  
Fax: (423) 826-2112  
Email: [info@aquashieldinc.com](mailto:info@aquashieldinc.com)  
[www.aquashieldinc.com](http://www.aquashieldinc.com)**



## Aqua-Swirl<sup>®</sup> XCELERATOR Stormwater Treatment System

---

The Aqua-Swirl<sup>®</sup> XCELERATOR Stormwater Treatment System (Aqua-Swirl<sup>®</sup> XCELERATOR) is a vortex-type hydrodynamic separator designed and supplied by AquaShield<sup>™</sup>, Inc. (AquaShield<sup>™</sup>). Aqua-Swirl<sup>®</sup> XCELERATOR technology removes pollutants including suspended solids, debris, and floatables from stormwater runoff. Both treatment and storage are accomplished in the single swirl chamber without the use of multiple or hidden, blind access chambers.



*Floatable trash & debris in the Aqua-Swirl<sup>®</sup>*

## System Operation

---

The treatment operation begins when stormwater enters the Aqua-Swirl<sup>®</sup> XCELERATOR through a tangential inlet pipe that produces a circular (or vortex) flow pattern that causes contaminants to settle to the base of the unit. Since stormwater flow is intermittent by nature, the Aqua-Swirl<sup>®</sup> XCELERATOR retains water between storm events providing both dynamic and quiescent settling of solids. The dynamic settling occurs during each storm event while the quiescent settling takes place between successive storms. A combination of gravitational and hydrodynamic drag forces encourages the solids to drop out of the flow and migrate to the center of the chamber where velocities are the lowest.

# Aqua-Swirl<sup>®</sup> XCellerator System Maintenance

The long term performance of any stormwater treatment structure, including manufactured or land based systems, depends on a consistent maintenance plan. Inspection and maintenance functions are simple and easy for the Aqua-Swirl<sup>®</sup> XCellerator allowing all inspections to be performed from the surface. It is important that a routine inspection and maintenance program be established for each unit based on: (a) the volume or load of the contaminants of concern, (b) the frequency of releases of contaminants at the facility or location, and (c) the nature of the area being drained. In order to ensure that our systems are being maintained properly, AquaShield<sup>™</sup> offers a maintenance solution to all of our customers. We will arrange to have maintenance performed.

## Inspection

---



The Aqua-Swirl<sup>®</sup> XCellerator can be inspected from the surface, eliminating the need to enter the system to determine when cleanout should be performed. In most cases, AquaShield<sup>™</sup> recommends a quarterly inspection during construction and for the first year of operation to develop an appropriate schedule of maintenance. The Aqua-Swirl<sup>®</sup> XCellerator should be inspected and cleaned at the end of construction regardless of whether it has reached its sediment storage capacity and/or other captured materials. Based on experience of the system's first year in operation, we recommend that the inspection

schedule be revised to reflect the site-specific conditions encountered. Typically, the inspection schedule for subsequent years is once per year.

## Maintenance

---

The Aqua-Swirl<sup>®</sup> XCellerator has been designed to minimize and simplify the inspection and maintenance process. The single chamber system can be inspected and maintained entirely from the surface thereby eliminating the need for confined space entry. Furthermore, the entire structure (specifically, the floor) is accessible for visual inspection from the surface. There are no areas of the structure that are blocked from visual inspection or periodic cleaning. Inspection of any floatable debris can be directly observed and maintained through the manhole access provided directly over the swirl chamber.

### Inspection Procedure

To inspect the Aqua-Swirl<sup>®</sup> XCellerator, a hook is typically needed to remove the manhole cover. AquaShield<sup>™</sup> provides a customized manhole cover with our distinctive logo to make it easy for maintenance crews to locate the system in the field. We also provide a permanent metal

information plate affixed inside the access riser which provides our contact information, the Aqua-Swirl® XCELERATOR model size, and serial number.

The only tools needed to inspect the Aqua-Swirl® XCELERATOR system are a flashlight and a measuring device such as a stadia rod or pole. Given the easy and direct accessibility provided, floating trash and debris can be observed directly from the surface. Sediment depths can easily be determined by lowering a measuring device to the top of the sediment pile and to the surface of the water. AquaShield™ recommends that the units be cleaned when sediment depth reaches 6 inches, representing 50% sediment storage capacity. The full sediment storage depth in the Aqua-Swirl® XCELERATOR is 12 inches.

It should be noted that in order to avoid underestimating the volume of sediment in the chamber, the measuring device must be carefully lowered to the *top* of the sediment pile. Keep in mind that the finer sediment at the top of the pile may offer less resistance to the measuring device than the larger particles which typically occur deeper within the sediment pile.

### **Aqua-Swirl® XCELERATOR Cleanout Procedure**

Cleaning the Aqua-Swirl® XCELERATOR is simple and quick. Floatable trash debris can be observed and removed directly through the 30-inch service access riser provided. A vacuum truck is typically used to remove the accumulated sediment and debris. An advantage of the Aqua-Swirl® XCELERATOR design is that the entire sediment storage area can be reached with a vacuum hose from the surface reaching all the sides. Since there are no multiple or limited (blind) access chambers in the Aqua-Swirl® XCELERATOR there are no restrictions to impede on-site maintenance tasks.



*Sediment inspection using a stadia rod*



## Disposal of Recovered Materials

AquaShield™ recommends that all maintenance activities be performed in accordance with appropriate health and safety practices for the tasks and equipment being used. AquaShield™ also recommends that all materials removed from the Aqua-Swirl® XCELERATOR and any external structures (e.g, bypass features) be handled and disposed in full accordance with any applicable local and state requirements.



*Vacuum (vactor) truck quickly cleans the single open access swirl chamber*

***Aqua-Swirl® XCELERATOR Inspection and Maintenance  
Work Sheets  
on following pages***

# Aqua-Swirl<sup>®</sup> XCellerator Inspection and Maintenance Manual Work Sheets

## SITE and OWNER INFORMATION

Site Name: \_\_\_\_\_

Site Location: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Inspector Name: \_\_\_\_\_

Inspector Company: \_\_\_\_\_ Phone #: \_\_\_\_\_

Owner Name: \_\_\_\_\_

Owner Address: \_\_\_\_\_

Owner Phone #: \_\_\_\_\_ Emergency Phone #: \_\_\_\_\_

## INSPECTIONS

### I. Floatable Trash and Debris

1. Remove manhole lid to expose liquid surface of the Aqua-Swirl<sup>®</sup> XCellerator.
2. Remove floatable debris with basket or net if any present.

### II. Sediment Accumulation

1. Lower measuring device (e.g. stadia rod) into swirl chamber through service access provided until top of sediment pile is reached.
2. Record distance to top of sediment pile from top of standing water: \_\_\_\_\_ inches.
3. Maximum recommended sediment depth prior to cleanout is 12 inches for all models. Consult system shop drawing for treatment chamber depth as measured from the inlet pipe invert to base of the unit.

### III. Diversion Structures (External Bypass Features)

If a diversion (external bypass) configuration is present, it should be inspected as follows:

1. Inspect weir or other bypass feature for structural decay or damage. Weirs are more susceptible to damage than off-set piping and should be checked to confirm that they are not crumbling (concrete or brick) or decaying (steel).
2. Inspect diversion structure and bypass piping for signs of structural damage or blockage from debris or sediment accumulation.
3. When feasible, measure elevations on diversion weir or piping to ensure it is consistent with site plan designs.

4. Inspect downstream (convergence) structure(s) for sign of blockage or structural failure as noted above.

## CLEANING

Schedule cleaning with local vector company or AquaShield™ to remove sediment, trash, and other floatable pollutants. The captured material generally does not require special treatment or handling for disposal. Site-specific conditions or the presence of known contaminants may necessitate that appropriate actions be taken to clean and dispose of materials captured and retained by the Aqua-Swirl® XCELERATOR. All cleaning activities should be performed in accordance with property health and safety procedures.

AquaShield™ always recommends that all materials removed from the Aqua-Swirl® XCELERATOR during the maintenance process be handled and disposed in accordance with local and state environmental or other regulatory requirements.

## MAINTENANCE SCHEDULE

### **I. During Construction**

Inspect the Aqua-Swirl® XCELERATOR every three (3) months and clean the system as needed. The Aqua-Swirl® XCELERATOR should be inspected and cleaned at the end of construction regardless of whether it has reached its maintenance trigger.

### **II. First Year Post-Construction**

Inspect the unit(s) every three (3) months and clean the system as needed.

Inspect and clean the system once annually regardless of whether it has reached its sediment or floatable pollutant storage capacity.

### **III. Second and Subsequent Years Post-Construction**

If the system did not reach full sediment or floatable pollutant capacity in the First Year Post-Construction period, the system can be inspected and cleaned once annually.

If the Aqua-Swirl® XCELERATOR reached full sediment or floatable pollutant capacity in less than 12 months in the First Year Post-Construction period, the system should be inspected once every six (6) months and cleaned as needed. The unit should be cleaned annually regardless of whether it reaches its sediment or floatable pollutant capacity.

### **IV. Bypass Structures**

Bypass structures should be inspected whenever the Aqua-Swirl® XCELERATOR is inspected. Maintenance should be performed on bypass structures as needed.

**MAINTENANCE COMPANY INFORMATION**

Company Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State/Prov.: \_\_\_\_\_ Zip/Postal Code: \_\_\_\_\_

Contact: \_\_\_\_\_ Title: \_\_\_\_\_

Office Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

**ACTIVITY LOG**

Date of Cleaning: \_\_\_\_\_ (Next inspection should be 3 months from this data for first year).

Time of Cleaning: Start: \_\_\_\_\_ End: \_\_\_\_\_

Date of Next Inspection: \_\_\_\_\_

Floatable debris present: Yes No

Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**STRUCTURAL CONDITIONS and OBSERVATIONS**

Structural damage: Yes No Where: \_\_\_\_\_

Structural wear: Yes No Where: \_\_\_\_\_

Odors present: Yes No Describe: \_\_\_\_\_

Clogging: Yes No Describe: \_\_\_\_\_

Other Observations: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# Aqua-Swirl® XCELERATOR

## TABULAR MAINTENANCE SCHEDULE

Date Construction Started: \_\_\_\_\_

Date Construction Ended: \_\_\_\_\_

### During Construction

Activity	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Inspect and Clean as needed			X			X			X			X
Inspect Bypass and maintain as needed			X			X			X			X
Clean System*												X*

\* The Aqua-Swirl® XCELERATOR should be cleaned **once a year** regardless of whether it has reached full pollutant storage capacity. In addition, the system should be cleaned at the **end of construction** regardless of whether it has reach full pollutant storage capacity.

### First Year Post-Construction

Activity	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Inspect and Clean as needed			X			X			X			X
Inspect Bypass and maintain as needed			X			X			X			X
Clean System*												X*

\* The Aqua-Swirl® XCELERATOR should be cleaned **once a year** regardless of whether it has reached full pollutant storage capacity.

### Second and Subsequent Years Post-Construction

Activity	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Inspect and Clean as needed												X*
Inspect Bypass, maintain as needed												X*
Clean System*												X*

\* If the Aqua-Swirl® XCELERATOR did **not** reach full sediment or floatable pollutant capacity in the First Year Post-Construction period, the system can be inspected and cleaned once annually.

If the Aqua-Swirl® XCELERATOR **reached** full sediment or floatable pollutant capacity in less than 12 months in the First Year Post-Construction period, the system should be inspected once every six (6) months or more frequently if past history warrants, and cleaned as needed. The system should be cleaned annually regardless of whether it reaches its full sediment or floatable pollutant capacity.

## APPENDIX 8

