

THE **STERLING** CO.

FOX HAVEN

DETENTION REPORT

Prepared For:

McBRIDE & SON HOMES LAND DEVELOPMENT, INC.
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Chesterfield, Missouri 63005
(636) 537-2000

Prepared By:

THE STERLING COMPANY
5055 New Baumgartner Road
St. Louis, Missouri 63129
(314) 487-0440

Sterling Project No.: 03-06-147

Date:

February 19, 2004

**FOX HAVEN
DETENTION ANALYSIS
03-06-147**

Site Acreage = 66.86 Acres
Design Storms = 2, 15, 25, 100 Years
Design Period = 20 Minutes

Return

Frequency (Years)	Existing P.I. (5%)	Proposed P.I.	Differential Runoff
2	1.15	1.61	0.46
15	1.87 ✓	2.64 ✓	0.77
25	2.31 ✓	3.26 ✓	0.95
100	2.95 ✓	4.17 ✓	1.22

Total Detention required for site

Return Frequency	Total Required
2 Year = 66.86 Ac. (0.46)	= 30.76 cfs
15 Year = 66.86 Ac. (0.77)	= 51.48 cfs
25 Year = 66.86 Ac. (0.95)	= 63.52 cfs
100 Year = 66.86 Ac. (1.22)	= 81.57 cfs

Retention Basin #1 Analysis:

16.37 Acres (on-site) in Basin #1 Watershed

16.37 Acres tributary to Basin #1

Direct runoff tributary to Basin #1

Return				Total
<u>Frequency</u>				<u>Tributary</u>
2 Year	=	16.37 Ac. (1.61)	=	26.36 cfs
15 Year	=	16.37 Ac. (2.64)	=	43.22 cfs
25 Year	=	16.37 Ac. (3.26)	=	53.37 cfs
100 Year	=	16.37 Ac. (4.17)	=	68.26 cfs

Total Designed Detention for Basin #1:

Return			Total
<u>Frequency</u>	(Inflow – Outflow)		<u>Designed</u>
2 Year	= (26.36 cfs – 0.94 cfs)	=	25.42 cfs
15 Year	= (43.22 cfs – 1.10 cfs)	=	42.12 cfs
25 Year	= (53.37 cfs – 20.58 cfs)	=	32.79 cfs
100 Year	= (68.26 cfs – 51.51 cfs)	=	16.75 cfs

Freeboard (Top of Dam elev. – 100 yr. 20 min. blocked low flow elev.)

Basin #1 = 578.00 – 577.04 = 0.96 ft.

Detention Basin #2 Analysis:

11.55 Acres (on-site) in Basin #2 Watershed

27.80 Acres tributary to Basin #2

Direct runoff tributary to Basin #2

Return				Total
<u>Frequency</u>				<u>Tributary</u>
2 Year	=	27.80 Ac. (1.61)	=	44.76 cfs
15 Year	=	27.80 Ac. (2.64)	=	73.39 cfs
25 Year	=	27.80 Ac. (3.26)	=	90.63 cfs
100 Year	=	27.80 Ac. (4.17)	=	115.93 cfs

Total Designed Detention for Basin #2:

Return				Total
<u>Frequency</u>		<u>(Inflow – Outflow)</u>		<u>Designed</u>
2 Year	=	(44.76 cfs – 10.16 cfs)	=	34.60 cfs
15 Year	=	(73.39 cfs – 57.59 cfs)	=	15.80 cfs
25 Year	=	(90.63 cfs – 81.67 cfs)	=	8.96 cfs
100 Year	=	(115.93 cfs – 110.87 cfs)	=	5.06 cfs

Freeboard (Top of Dam elev. – 100 yr. 20 min. blocked low flow elev.)

Basin #2 = 574.00 – 572.98 = 1.02 ft.

Detention Basin #3 Analysis:

13.87 Acres (on-site) in Basin #3 Watershed

15.18 Acres tributary to Basin #3

Direct runoff tributary to Basin #3

Return				Total
<u>Frequency</u>				<u>Tributary</u>
2 Year	=	15.18 Ac. (1.61)	=	24.44 cfs
15 Year	=	15.18 Ac. (2.64)	=	40.07 cfs
25 Year	=	15.18 Ac. (3.26)	=	49.49 cfs
100 Year	=	15.18 Ac. (4.17)	=	63.30 cfs

Total Designed Detention for Basin #3:

Return				Total
<u>Frequency</u>	(Inflow – Outflow)			<u>Designed</u>
2 Year	= (24.44 cfs – 0.90 cfs)	=		23.54 cfs
15 Year	= (40.07 cfs – 1.00 cfs)	=		39.07 cfs
25 Year	= (49.49 cfs – 20.34 cfs)	=		29.15 cfs
100 Year	= (63.30 cfs – 51.73 cfs)	=		11.57 cfs

Freeboard (Top of Dam elev. – 100 yr. 20 min. blocked low flow elev.)

Basin #3 = 568.00 – 566.98 = 1.02 ft.

Conclusion:

Total Combined Detention Designed and Required:

Return	Total	Total
<u>Frequency</u>	<u>Designed</u>	<u>Required</u>
2 Year = (25.42 cfs + 34.60cfs + 23.54)=	83.56 cfs	30.76 cfs
15 Year = (42.12 cfs + 15.80cfs + 39.07)=	96.99 cfs	51.48 cfs
25 Year = (32.79 cfs + 8.96cfs + 29.15)=	70.90 cfs ✓	63.52 cfs ✓
100 Year = (16.75 cfs + 5.06cfs + 11.57)=	33.38 cfs	81.57 cfs

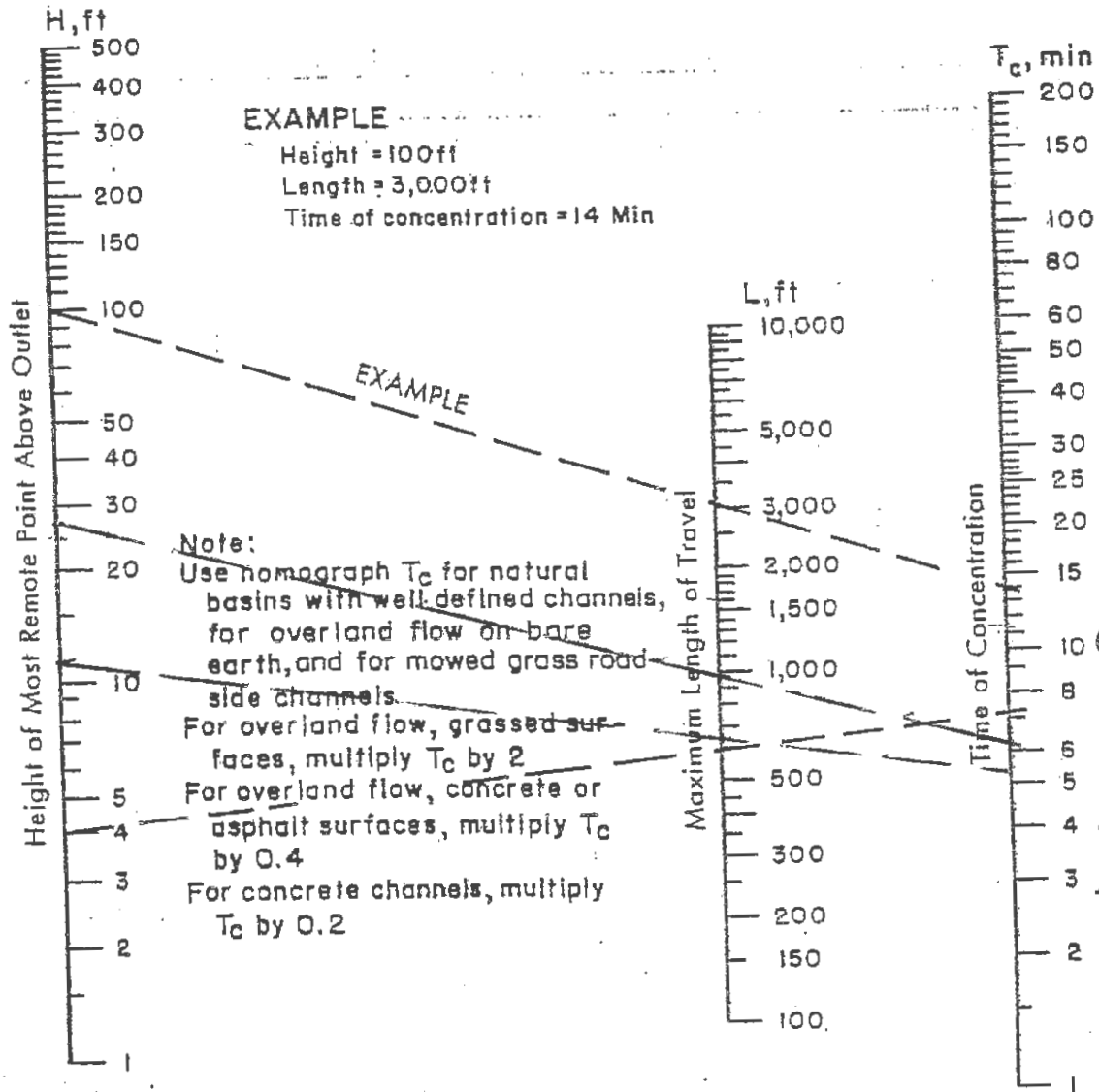
FOX HAVEN

THE STERLING COMPANY
5055 NEW BAUMGARTNER RD.
ST. LOUIS, MO 63129

(314) 487-0440
Fax (314) 487-8944

Project: TIME OF CONCENTRATION SHEET ___ of ___
Date: _____ Project No: _____
Designed: _____ Checked: _____

BASIN #1



Based on study by P.Z. Kirpich,
Civil Engineering, Vol. 10, No. 6, June 1940, p. 362

OVERLAND FLOW: 640' PAU., 12' DIFF. = 2.08

PIPE FLOW: 984' PIPE, 27' DIFF. = 1.22

3.3 MIN

USE 3.0 MIN

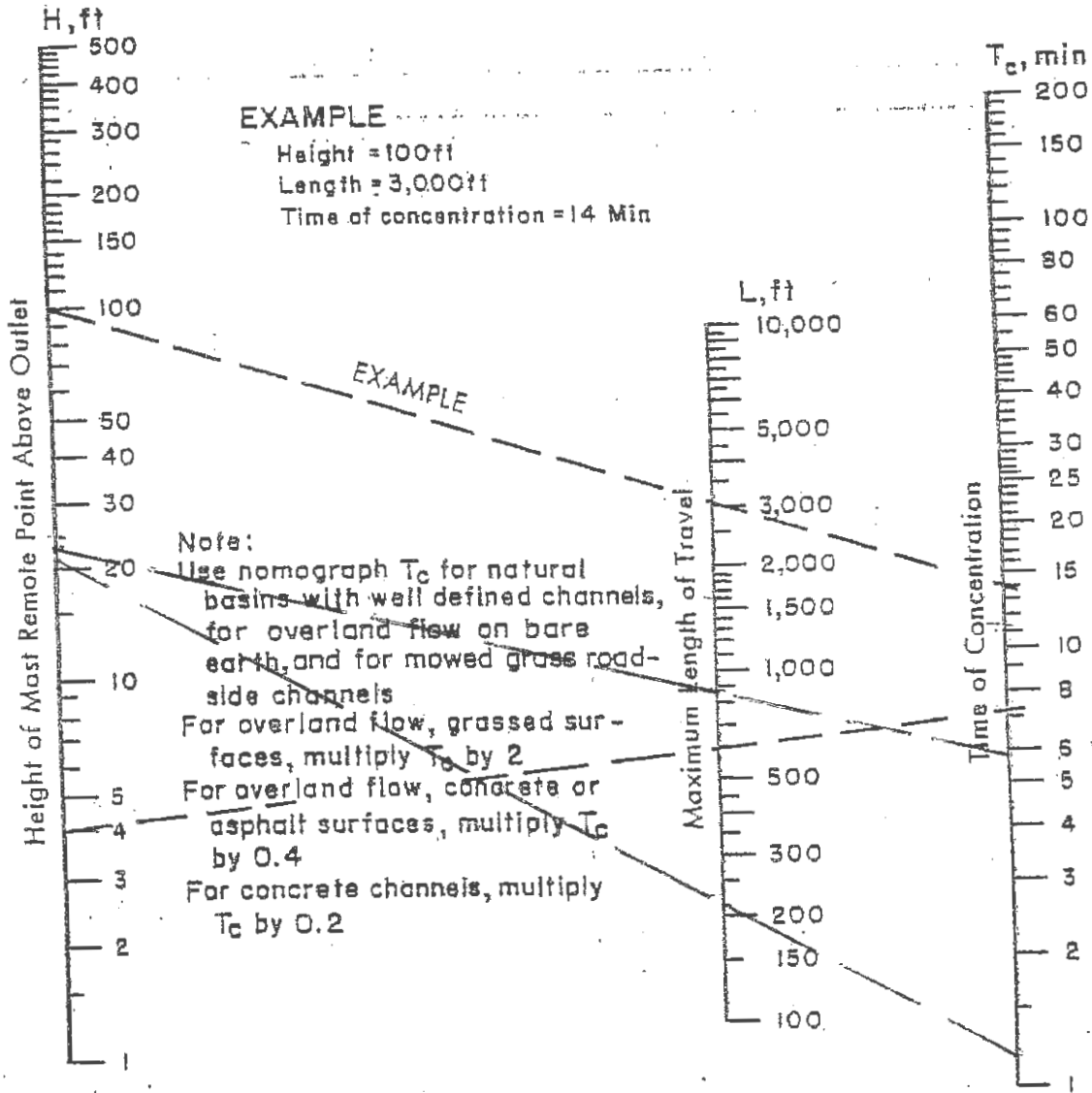
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BASIN #2



Based on study by P. Z. Kirpich,
Civil Engineering, Vol. 10, No. 6, June 1940, p. 362

OVERLAND FLOW: 880' GRASS, 23' DIFF. = 11.6
PIPE FLOW: 210' PIPE, 21' DIFF. = 0.24
11.84

USE 12 MIN

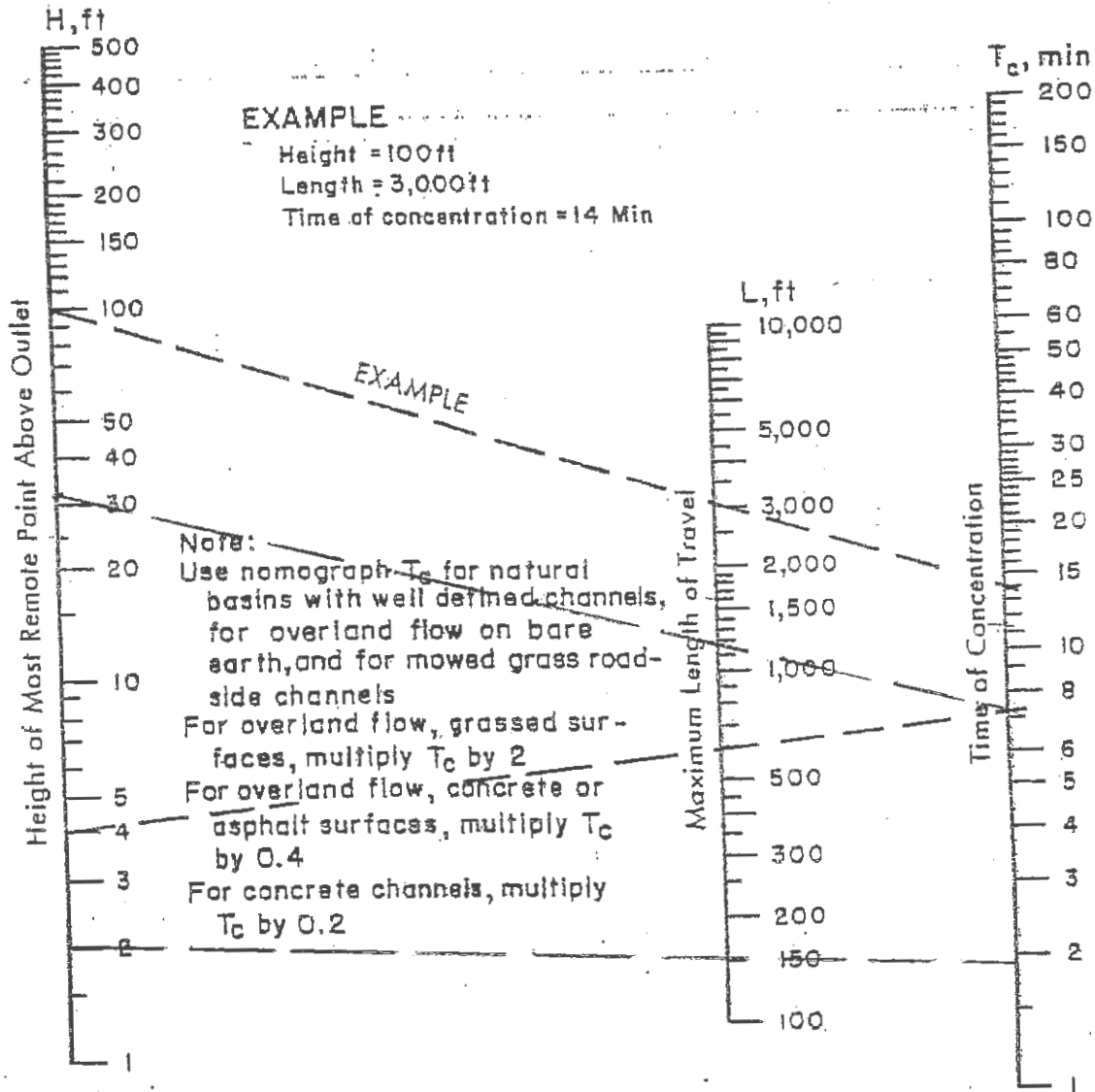
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THE STERLING COMPANY
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ST. LOUIS, MO 63129

Project: TIME OF CONCENTRATION SHEET ___ of ___
Date: _____ Project No: _____
Designed: _____ Checked: _____

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BASIN#
3



Based on study by P.Z. Kirpich,
Civil Engineering, Vol. 10, No. 6, June 1940, p. 352

OVERLAND FLOW: 50' GRASS, 2' DIFF = 0
OVERLAND FLOW: 150' PAU, 2' DIFF = 0.72
PIPE FLOW: 1280' PIPE, 31' DIFF = 1.44

USE 2 MIN

POND-2 Version: 5.17
 S/N: 1903000008

FOX HAVEN
 DETENTION ANALYSIS
 DETENTION BASIN #1

CALCULATED 02-19-2004 13:35:44
 DISK FILE: j:\DATA\0306147\BASIN1 .VOL

Planimeter scale: 1 inch = 1 ft.

Elevation (ft)	Planimeter (sq.in.)	Area (sq.ft)	A1+A2+sq ^r (A1*A2) (sq.ft)	* Volume (cubic-ft)	Volume Sum (cubic-ft)
568.50	0.00	0	0	0	0
570.00	1,000.00	1,000	1,000	500	500
572.00	8,004.00	8,004	11,833	7,889	8,389
574.00	10,778.00	10,778	28,070	18,713	27,102
576.00	14,115.00	14,115	37,227	24,818	51,920
578.00	17,610.00	17,610	47,491	31,661	83,581

$$IA = (\text{sq. rt}(\text{Area1}) + ((E_i - E_1) / (E_2 - E_1)) * (\text{sq. rt}(\text{Area2}) - \text{sq. rt}(\text{Area1})))^2$$

where: E1, E2 = Closest two elevations with planimeter data
 Ei = Elevation at which to interpolate area
 Area1, Area2 = Areas computed for E1, E2, respectively
 IA = Interpolated area for Ei

* Incremental volume computed by the Conic Method for Reservoir Volumes.

$$\text{Volume} = (1/3) * (EL2 - EL1) * (\text{Area1} + \text{Area2} + \text{sq. rt.}(\text{Area1} * \text{Area2}))$$

where: EL1, EL2 = Lower and upper elevations of the increment
 Area1, Area2 = Areas computed for EL1, EL2, respectively
 Volume = Incremental volume between EL1 and EL2

Outlet Structure File: BASIN1 .STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #1

***** COMPOSITE OUTFLOW SUMMARY *****

Elevation (ft)	Q (cfs)	Contributing Structures
568.50	0.0	1
568.80	0.1	1
569.10	0.3	2
569.40	0.3	2
569.70	0.4	2
570.00	0.5	2
570.30	0.5	2
570.60	0.6	2
570.90	0.6	2
571.20	0.6	2
571.50	0.7	2
571.80	0.7	2
572.10	0.7	2
572.40	0.8	2
572.70	0.8	2
573.00	0.8	2
573.30	0.9	2
573.60	0.9	2
573.90	0.9	2
574.20	0.9	2
574.50	1.0	2
574.80	1.0	2
575.10	1.0	2
575.40	1.0	2
575.70	1.1	2
576.00	1.1	3 +2
576.30	11.6	3 +2
576.60	30.8	3 +2
576.90	55.6	3 +2
577.20	79.0	4 +2
577.50	94.3	4 +2
577.80	107.3	4 +2
578.00	115.2	4 +2

Outlet Structure File: BASIN1 .STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #1

Outlet Structure File: j:\DATA\0306147\BASIN1 .STR
Planimeter Input File: j:\DATA\0306147\BASIN1 .VOL
Rating Table Output File: j:\DATA\0306147\BASIN1 .PND

Min. Elev.(ft) = 568.5 Max. Elev.(ft) = 578 Incr.(ft) = .3

Additional elevations (ft) to be included in table:

* * * * *

SYSTEM CONNECTIVITY

Structure	No.	Q Table	Q Table
-----	---	-----	-----
ORIFICE	4		-> 4
WEIR-VR	3		-> 3
ORIFICE	2		-> 2
WEIR-VR	1		-> 1

Outflow rating table summary was stored in file:
j:\DATA\0306147\BASIN1 .PND

Outlet Structure File: BASIN1 .STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #1

>>>>> Structure No. 4 <<<<<<
(Input Data)

ORIFICE

Orifice - Based on Area and Datum Elevation

E1 elev.(ft)?	577
E2 elev.(ft)?	578.001
Orifice coeff.?	.6
Invert elev.(ft)?	576
Datum elev.(ft) ?	576.5
Orifice area (sq ft)?	19.33

Outlet Structure File: BASIN1 .STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #1

>>>>> Structure No. 3 <<<<<<
(Input Data)

WEIR-VR

Weir - Vertical Rectangular

E1 elev.(ft)?	576
E2 elev.(ft)?	577
Weir coefficient?	3.3
Weir elev.(ft)?	576
Length (ft)?	19.33
Contracted/Suppressed (C/S)?	S

Outlet Structure File: BASIN1 .STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #1

>>>>> Structure No. 2 <<<<<<
(Input Data)

ORIFICE

Orifice - Based on Area and Datum Elevation

E1 elev.(ft)?	568.83
E2 elev.(ft)?	578.001
Orifice coeff.?	.6
Invert elev.(ft)?	568.5
Datum elev.(ft) ?	568.66
Orifice area (sq ft)?	.0833

Outlet Structure File: BASIN1 .STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #1

>>>>> Structure No. 1 <<<<<<
(Input Data)

WEIR-VR

Weir - Vertical Rectangular

E1 elev.(ft)?	568.5
E2 elev.(ft)?	568.833
Weir coefficient?	3.3
Weir elev.(ft)?	568.5
Length (ft)?	.25
Contracted/Suppressed (C/S)?	S

GIVEN POND DATA

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)
577.80	107.3	80,096
578.00	115.2	83,581

INTERMEDIATE ROUTING
COMPUTATIONS

2S/t (cfs)	2S/t + 0 (cfs)
890.0	997.3
928.7	1043.9

Time increment (t) = 3.0 min.

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN102 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	0.0	0.0	0.00	568.50
3.0	26.36	26.4	25.2	26.4	0.60	570.89
6.0	26.36	52.7	76.5	77.9	0.70	571.81
9.0	26.36	52.7	127.6	129.2	0.79	572.38
12.0	26.36	52.7	178.7	180.3	0.80	572.90
15.0	26.36	52.7	229.7	231.5	0.90	573.38
18.0	26.36	52.7	280.6	282.4	0.90	573.83
21.0	18.45	44.8	323.6	325.4	0.90	574.19
24.0	0.00	18.5	340.1	342.0	0.94	574.32
27.0	0.00	0.0	338.3	340.1	0.94	574.31
30.0	0.00	0.0	336.4	338.3	0.93	574.29
33.0	0.00	0.0	334.6	336.4	0.93	574.28
36.0	0.00	0.0	332.7	334.6	0.92	574.27
39.0	0.00	0.0	330.9	332.7	0.92	574.25
42.0	0.00	0.0	329.1	330.9	0.91	574.24
45.0	0.00	0.0	327.2	329.1	0.91	574.22
48.0	0.00	0.0	325.4	327.2	0.90	574.21
51.0	0.00	0.0	323.6	325.4	0.90	574.19
54.0	0.00	0.0	321.8	323.6	0.90	574.18
57.0	0.00	0.0	320.0	321.8	0.90	574.16
60.0	0.00	0.0	318.2	320.0	0.90	574.15
63.0	0.00	0.0	316.4	318.2	0.90	574.13
66.0	0.00	0.0	314.6	316.4	0.90	574.12
69.0	0.00	0.0	312.8	314.6	0.90	574.10
72.0	0.00	0.0	311.0	312.8	0.90	574.09
75.0	0.00	0.0	309.2	311.0	0.90	574.07
78.0	0.00	0.0	307.4	309.2	0.90	574.06
81.0	0.00	0.0	305.6	307.4	0.90	574.04
84.0	0.00	0.0	303.8	305.6	0.90	574.03
87.0	0.00	0.0	302.0	303.8	0.90	574.01
90.0	0.00	0.0	300.2	302.0	0.90	574.00
93.0	0.00	0.0	298.4	300.2	0.90	573.98
96.0	0.00	0.0	296.6	298.4	0.90	573.97
99.0	0.00	0.0	294.8	296.6	0.90	573.95
102.0	0.00	0.0	293.0	294.8	0.90	573.94
105.0	0.00	0.0	291.2	293.0	0.90	573.92
108.0	0.00	0.0	289.4	291.2	0.90	573.91
111.0	0.00	0.0	287.6	289.4	0.90	573.89
114.0	0.00	0.0	285.8	287.6	0.90	573.88
117.0	0.00	0.0	284.0	285.8	0.90	573.86
120.0	0.00	0.0	282.2	284.0	0.90	573.85
123.0	0.00	0.0	280.4	282.2	0.90	573.83
126.0	0.00	0.0	278.6	280.4	0.90	573.82
129.0	0.00	0.0	276.8	278.6	0.90	573.80
132.0	0.00	0.0	275.0	276.8	0.90	573.78

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN102 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
135.0	0.00	0.0	273.2	275.0	0.90	573.77
138.0	0.00	0.0	271.4	273.2	0.90	573.75
141.0	0.00	0.0	269.6	271.4	0.90	573.74
144.0	0.00	0.0	267.8	269.6	0.90	573.72
147.0	0.00	0.0	266.0	267.8	0.90	573.71
150.0	0.00	0.0	264.2	266.0	0.90	573.69
153.0	0.00	0.0	262.4	264.2	0.90	573.68
156.0	0.00	0.0	260.6	262.4	0.90	573.66
159.0	0.00	0.0	258.8	260.6	0.90	573.64
162.0	0.00	0.0	257.0	258.8	0.90	573.63
165.0	0.00	0.0	255.2	257.0	0.90	573.61
168.0	0.00	0.0	253.4	255.2	0.90	573.60
171.0	0.00	0.0	251.6	253.4	0.90	573.58
174.0	0.00	0.0	249.8	251.6	0.90	573.57
177.0	0.00	0.0	248.0	249.8	0.90	573.55
180.0	0.00	0.0	246.2	248.0	0.90	573.53
183.0	0.00	0.0	244.4	246.2	0.90	573.52
186.0	0.00	0.0	242.6	244.4	0.90	573.50
189.0	0.00	0.0	240.8	242.6	0.90	573.48
192.0	0.00	0.0	239.0	240.8	0.90	573.47
195.0	0.00	0.0	237.2	239.0	0.90	573.45
198.0	0.00	0.0	235.4	237.2	0.90	573.44
201.0	0.00	0.0	233.6	235.4	0.90	573.42
204.0	0.00	0.0	231.8	233.6	0.90	573.40
207.0	0.00	0.0	230.0	231.8	0.90	573.39
210.0	0.00	0.0	228.2	230.0	0.90	573.37
213.0	0.00	0.0	226.4	228.2	0.90	573.35
216.0	0.00	0.0	224.6	226.4	0.90	573.34
219.0	0.00	0.0	222.8	224.6	0.90	573.32
222.0	0.00	0.0	221.0	222.8	0.90	573.31
225.0	0.00	0.0	219.2	221.0	0.90	573.29
228.0	0.00	0.0	217.5	219.2	0.89	573.27
231.0	0.00	0.0	215.7	217.5	0.89	573.26
234.0	0.00	0.0	213.9	215.7	0.88	573.24
237.0	0.00	0.0	212.2	213.9	0.87	573.22
240.0	0.00	0.0	210.4	212.2	0.87	573.21
243.0	0.00	0.0	208.7	210.4	0.86	573.19
246.0	0.00	0.0	207.0	208.7	0.86	573.17
249.0	0.00	0.0	205.3	207.0	0.85	573.16
252.0	0.00	0.0	203.6	205.3	0.85	573.14
255.0	0.00	0.0	201.9	203.6	0.84	573.13
258.0	0.00	0.0	200.3	201.9	0.84	573.11
261.0	0.00	0.0	198.6	200.3	0.83	573.09
264.0	0.00	0.0	196.9	198.6	0.83	573.08
267.0	0.00	0.0	195.3	196.9	0.82	573.06
270.0	0.00	0.0	193.7	195.3	0.82	573.05

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN102 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
273.0	0.00	0.0	192.0	193.7	0.81	573.03
276.0	0.00	0.0	190.4	192.0	0.81	573.02
279.0	0.00	0.0	188.8	190.4	0.80	573.00
282.0	0.00	0.0	187.2	188.8	0.80	572.99
285.0	0.00	0.0	185.6	187.2	0.80	572.97
288.0	0.00	0.0	184.0	185.6	0.80	572.95
291.0	0.00	0.0	182.4	184.0	0.80	572.94
294.0	0.00	0.0	180.8	182.4	0.80	572.92
297.0	0.00	0.0	179.2	180.8	0.80	572.91
300.0	0.00	0.0	177.6	179.2	0.80	572.89
303.0	0.00	0.0	176.0	177.6	0.80	572.88
306.0	0.00	0.0	174.4	176.0	0.80	572.86
309.0	0.00	0.0	172.8	174.4	0.80	572.84
312.0	0.00	0.0	171.2	172.8	0.80	572.83
315.0	0.00	0.0	169.6	171.2	0.80	572.81
318.0	0.00	0.0	168.0	169.6	0.80	572.80
321.0	0.00	0.0	166.4	168.0	0.80	572.78
324.0	0.00	0.0	164.8	166.4	0.80	572.77
327.0	0.00	0.0	163.2	164.8	0.80	572.75
330.0	0.00	0.0	161.6	163.2	0.80	572.73
333.0	0.00	0.0	160.0	161.6	0.80	572.72
336.0	0.00	0.0	158.4	160.0	0.80	572.70
339.0	0.00	0.0	156.8	158.4	0.80	572.69
342.0	0.00	0.0	155.2	156.8	0.80	572.67
345.0	0.00	0.0	153.6	155.2	0.80	572.65
348.0	0.00	0.0	152.0	153.6	0.80	572.64
351.0	0.00	0.0	150.4	152.0	0.80	572.62
354.0	0.00	0.0	148.8	150.4	0.80	572.60
357.0	0.00	0.0	147.2	148.8	0.80	572.59
360.0	0.00	0.0	145.6	147.2	0.80	572.57
363.0	0.00	0.0	144.0	145.6	0.80	572.55
366.0	0.00	0.0	142.4	144.0	0.80	572.54
369.0	0.00	0.0	140.8	142.4	0.80	572.52
372.0	0.00	0.0	139.2	140.8	0.80	572.50
375.0	0.00	0.0	137.6	139.2	0.80	572.49
378.0	0.00	0.0	136.0	137.6	0.80	572.47
381.0	0.00	0.0	134.4	136.0	0.80	572.45
384.0	0.00	0.0	132.8	134.4	0.80	572.44
387.0	0.00	0.0	131.2	132.8	0.80	572.42
390.0	0.00	0.0	129.6	131.2	0.80	572.41
393.0	0.00	0.0	128.0	129.6	0.80	572.39
396.0	0.00	0.0	126.5	128.0	0.79	572.37
399.0	0.00	0.0	124.9	126.5	0.78	572.35
402.0	0.00	0.0	123.3	124.9	0.78	572.34
405.0	0.00	0.0	121.8	123.3	0.77	572.32
408.0	0.00	0.0	120.2	121.8	0.77	572.30

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN102 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
411.0	0.00	0.0	118.7	120.2	0.76	572.29
414.0	0.00	0.0	117.2	118.7	0.76	572.27
417.0	0.00	0.0	115.7	117.2	0.75	572.25
420.0	0.00	0.0	114.2	115.7	0.75	572.24
423.0	0.00	0.0	112.7	114.2	0.74	572.22
426.0	0.00	0.0	111.3	112.7	0.74	572.21
429.0	0.00	0.0	109.8	111.3	0.73	572.19
432.0	0.00	0.0	108.4	109.8	0.72	572.17
435.0	0.00	0.0	106.9	108.4	0.72	572.16
438.0	0.00	0.0	105.5	106.9	0.71	572.14
441.0	0.00	0.0	104.1	105.5	0.71	572.13
444.0	0.00	0.0	102.7	104.1	0.70	572.11
447.0	0.00	0.0	101.3	102.7	0.70	572.10
450.0	0.00	0.0	99.9	101.3	0.70	572.08
453.0	0.00	0.0	98.5	99.9	0.70	572.06
456.0	0.00	0.0	97.1	98.5	0.70	572.05
459.0	0.00	0.0	95.7	97.1	0.70	572.03
462.0	0.00	0.0	94.3	95.7	0.70	572.02
465.0	0.00	0.0	92.9	94.3	0.70	572.00
468.0	0.00	0.0	91.5	92.9	0.70	571.98
471.0	0.00	0.0	90.1	91.5	0.70	571.97
474.0	0.00	0.0	88.7	90.1	0.70	571.95
477.0	0.00	0.0	87.3	88.7	0.70	571.93
480.0	0.00	0.0	85.9	87.3	0.70	571.92
483.0	0.00	0.0	84.5	85.9	0.70	571.90
486.0	0.00	0.0	83.1	84.5	0.70	571.88
489.0	0.00	0.0	81.7	83.1	0.70	571.87
492.0	0.00	0.0	80.3	81.7	0.70	571.85
495.0	0.00	0.0	78.9	80.3	0.70	571.84
498.0	0.00	0.0	77.5	78.9	0.70	571.82
501.0	0.00	0.0	76.1	77.5	0.70	571.80
504.0	0.00	0.0	74.7	76.1	0.70	571.78
507.0	0.00	0.0	73.3	74.7	0.70	571.76
510.0	0.00	0.0	71.9	73.3	0.70	571.74
513.0	0.00	0.0	70.5	71.9	0.70	571.72
516.0	0.00	0.0	69.1	70.5	0.70	571.70
519.0	0.00	0.0	67.7	69.1	0.70	571.68
522.0	0.00	0.0	66.3	67.7	0.70	571.66
525.0	0.00	0.0	64.9	66.3	0.70	571.64
528.0	0.00	0.0	63.5	64.9	0.70	571.62
531.0	0.00	0.0	62.1	63.5	0.70	571.60
534.0	0.00	0.0	60.7	62.1	0.70	571.58
537.0	0.00	0.0	59.3	60.7	0.70	571.56
540.0	0.00	0.0	57.9	59.3	0.70	571.54
543.0	0.00	0.0	56.5	57.9	0.70	571.52
546.0	0.00	0.0	55.1	56.5	0.70	571.50

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN102 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
549.0	0.00	0.0	53.7	55.1	0.69	571.48
552.0	0.00	0.0	52.3	53.7	0.68	571.45
555.0	0.00	0.0	50.9	52.3	0.68	571.43
558.0	0.00	0.0	49.6	50.9	0.67	571.41
561.0	0.00	0.0	48.3	49.6	0.66	571.38
564.0	0.00	0.0	47.0	48.3	0.65	571.36
567.0	0.00	0.0	45.7	47.0	0.64	571.33
570.0	0.00	0.0	44.4	45.7	0.64	571.31
573.0	0.00	0.0	43.2	44.4	0.63	571.29
576.0	0.00	0.0	41.9	43.2	0.62	571.27
579.0	0.00	0.0	40.7	41.9	0.61	571.24
582.0	0.00	0.0	39.5	40.7	0.61	571.22
585.0	0.00	0.0	38.3	39.5	0.60	571.20
588.0	0.00	0.0	37.1	38.3	0.60	571.17
591.0	0.00	0.0	35.9	37.1	0.60	571.14
594.0	0.00	0.0	34.7	35.9	0.60	571.12
597.0	0.00	0.0	33.5	34.7	0.60	571.09
600.0	0.00	0.0	32.3	33.5	0.60	571.06
603.0	0.00	0.0	31.1	32.3	0.60	571.03
606.0	0.00	0.0	29.9	31.1	0.60	571.00
609.0	0.00	0.0	28.7	29.9	0.60	570.98
612.0	0.00	0.0	27.5	28.7	0.60	570.95
615.0	0.00	0.0	26.3	27.5	0.60	570.92
618.0	0.00	0.0	25.1	26.3	0.60	570.89
621.0	0.00	0.0	23.9	25.1	0.60	570.85
624.0	0.00	0.0	22.7	23.9	0.60	570.81
627.0	0.00	0.0	21.5	22.7	0.60	570.77
630.0	0.00	0.0	20.3	21.5	0.60	570.74
633.0	0.00	0.0	19.1	20.3	0.60	570.70
636.0	0.00	0.0	17.9	19.1	0.60	570.66
639.0	0.00	0.0	16.7	17.9	0.60	570.62
642.0	0.00	0.0	15.5	16.7	0.59	570.58
645.0	0.00	0.0	14.3	15.5	0.58	570.53
648.0	0.00	0.0	13.2	14.3	0.56	570.48
651.0	0.00	0.0	12.1	13.2	0.54	570.43
654.0	0.00	0.0	11.1	12.1	0.53	570.38
657.0	0.00	0.0	10.1	11.1	0.51	570.33
660.0	0.00	0.0	9.1	10.1	0.50	570.28
663.0	0.00	0.0	8.1	9.1	0.50	570.21
666.0	0.00	0.0	7.1	8.1	0.50	570.14
669.0	0.00	0.0	6.1	7.1	0.50	570.07
672.0	0.00	0.0	5.1	6.1	0.50	570.00
675.0	0.00	0.0	4.1	5.1	0.46	569.89
678.0	0.00	0.0	3.3	4.1	0.43	569.79
681.0	0.00	0.0	2.5	3.3	0.40	569.70
684.0	0.00	0.0	1.8	2.5	0.36	569.57

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN102 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
687.0	0.00	0.0	1.1	1.8	0.31	569.44
690.0	0.00	0.0	0.5	1.1	0.30	569.27
693.0	0.00	0.0	0.0	0.5	0.25	569.03
696.0	0.00	0.0	-0.0	0.0	0.02	568.56
699.0	0.00	0.0	-0.0	-0.0	0.00	568.50
702.0	0.00	0.0	-0.0	-0.0	0.00	568.50
705.0	0.00	0.0	-0.0	-0.0	0.00	568.50
708.0	0.00	0.0	-0.0	-0.0	0.00	568.50
711.0	0.00	0.0	-0.0	-0.0	0.00	568.50
714.0	0.00	0.0	-0.0	-0.0	0.00	568.50
717.0	0.00	0.0	-0.0	-0.0	0.00	568.50
720.0	0.00	0.0	-0.0	-0.0	0.00	568.50
723.0	0.00	0.0	-0.0	-0.0	0.00	568.50
726.0	0.00	0.0	-0.0	-0.0	0.00	568.50
729.0	0.00	0.0	-0.0	-0.0	0.00	568.50
732.0	0.00	0.0	-0.0	-0.0	0.00	568.50
735.0	0.00	0.0	-0.0	-0.0	0.00	568.50
738.0	0.00	0.0	-0.0	-0.0	0.00	568.50
741.0	0.00	0.0	-0.0	-0.0	0.00	568.50
744.0	0.00	0.0	-0.0	-0.0	0.00	568.50
747.0	0.00	0.0	-0.0	-0.0	0.00	568.50
750.0	0.00	0.0	-0.0	-0.0	0.00	568.50
753.0	0.00	0.0	-0.0	-0.0	0.00	568.50
756.0	0.00	0.0	-0.0	-0.0	0.00	568.50
759.0	0.00	0.0	-0.0	-0.0	0.00	568.50
762.0	0.00	0.0	-0.0	-0.0	0.00	568.50
765.0	0.00	0.0	-0.0	-0.0	0.00	568.50
768.0	0.00	0.0	-0.0	-0.0	0.00	568.50
771.0	0.00	0.0	-0.0	-0.0	0.00	568.50
774.0	0.00	0.0	-0.0	-0.0	0.00	568.50
777.0	0.00	0.0	-0.0	-0.0	0.00	568.50
780.0	0.00	0.0	-0.0	-0.0	0.00	568.50
783.0	0.00	0.0	-0.0	-0.0	0.00	568.50
786.0	0.00	0.0	-0.0	-0.0	0.00	568.50
789.0	0.00	0.0	-0.0	-0.0	0.00	568.50
792.0	0.00	0.0	-0.0	-0.0	0.00	568.50
795.0	0.00	0.0	-0.0	-0.0	0.00	568.50
798.0	0.00	0.0	-0.0	-0.0	0.00	568.50
801.0	0.00	0.0	-0.0	-0.0	0.00	568.50
804.0	0.00	0.0	-0.0	-0.0	0.00	568.50
807.0	0.00	0.0	-0.0	-0.0	0.00	568.50
810.0	0.00	0.0	-0.0	-0.0	0.00	568.50
813.0	0.00	0.0	-0.0	-0.0	0.00	568.50
816.0	0.00	0.0	-0.0	-0.0	0.00	568.50
819.0	0.00	0.0	-0.0	-0.0	0.00	568.50
822.0	0.00	0.0	-0.0	-0.0	0.00	568.50

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN102 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
825.0	0.00	0.0	-0.0	-0.0	0.00	568.50
828.0	0.00	0.0	-0.0	-0.0	0.00	568.50
831.0	0.00	0.0	-0.0	-0.0	0.00	568.50
834.0	0.00	0.0	-0.0	-0.0	0.00	568.50
837.0	0.00	0.0	-0.0	-0.0	0.00	568.50
840.0	0.00	0.0	-0.0	-0.0	0.00	568.50
843.0	0.00	0.0	-0.0	-0.0	0.00	568.50
846.0	0.00	0.0	-0.0	-0.0	0.00	568.50
849.0	0.00	0.0	-0.0	-0.0	0.00	568.50
852.0	0.00	0.0	-0.0	-0.0	0.00	568.50
855.0	0.00	0.0	-0.0	-0.0	0.00	568.50
858.0	0.00	0.0	-0.0	-0.0	0.00	568.50
861.0	0.00	0.0	-0.0	-0.0	0.00	568.50
864.0	0.00	0.0	-0.0	-0.0	0.00	568.50
867.0	0.00	0.0	-0.0	-0.0	0.00	568.50
870.0	0.00	0.0	-0.0	-0.0	0.00	568.50
873.0	0.00	0.0	-0.0	-0.0	0.00	568.50
876.0	0.00	0.0	-0.0	-0.0	0.00	568.50
379.0	0.00	0.0	-0.0	-0.0	0.00	568.50
882.0	0.00	0.0	-0.0	-0.0	0.00	568.50
885.0	0.00	0.0	-0.0	-0.0	0.00	568.50
888.0	0.00	0.0	-0.0	-0.0	0.00	568.50
891.0	0.00	0.0	-0.0	-0.0	0.00	568.50
894.0	0.00	0.0	-0.0	-0.0	0.00	568.50
897.0	0.00	0.0	-0.0	-0.0	0.00	568.50
900.0	0.00	0.0	-0.0	-0.0	0.00	568.50
903.0	0.00	0.0	-0.0	-0.0	0.00	568.50
906.0	0.00	0.0	-0.0	-0.0	0.00	568.50
909.0	0.00	0.0	-0.0	-0.0	0.00	568.50

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN1 .PND
Inflow Hydrograph: j:\DATA\0306147\02BASIN1 .HYD
Outflow Hydrograph: j:\DATA\0306147\BASIN102 .HYD

Starting Pond W.S. Elevation = 568.50 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 26.36 cfs
Peak Outflow = 0.94 cfs
Peak Elevation = 574.32 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 0 cu-ft
Peak Storage From Storm = 30,698 cu-ft

Total Storage in Pond = 30,698 cu-ft

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*****
*
*          FOX HAVEN          *
*  DETENTION ANALYSIS      *
*  DETENTION BASIN #1     *
*
*
*
*****
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Inflow Hydrograph: j:\DATA\0306147\15BASN1 .HYD
 Rating Table file: j:\DATA\0306147\BASIN1 .PND

----INITIAL CONDITIONS----
 Elevation = 568.50 ft
 Outflow = 0.00 cfs
 Storage = 0 cu-ft

GIVEN POND DATA

INTERMEDIATE ROUTING
 COMPUTATIONS

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
568.50	0.0	0	0.0	0.0
568.80	0.1	4	0.0	0.1
569.10	0.3	32	0.3	0.6
569.40	0.3	108	0.9	1.2
569.70	0.4	256	2.1	2.5
570.00	0.5	500	4.2	4.7
570.30	0.5	890	7.4	7.9
570.60	0.6	1,489	12.4	13.0
570.90	0.6	2,344	19.5	20.1
571.20	0.6	3,499	29.2	29.8
571.50	0.7	4,999	41.7	42.4
571.80	0.7	6,889	57.4	58.1
572.10	0.7	9,196	76.6	77.3
572.40	0.8	11,695	97.5	98.3
572.70	0.8	14,312	119.3	120.1
573.00	0.8	17,052	142.1	142.9
573.30	0.9	19,917	166.0	166.9
573.60	0.9	22,909	190.9	191.8
573.90	0.9	26,032	216.9	217.8
574.20	0.9	29,289	244.1	245.0
574.50	1.0	32,688	272.4	273.4
574.80	1.0	36,232	301.9	302.9
575.10	1.0	39,924	332.7	333.7
575.40	1.0	43,768	364.7	365.7
575.70	1.1	47,765	398.0	399.1
576.00	1.1	51,920	432.7	433.8
576.30	11.6	56,229	468.6	480.2
576.60	30.8	60,690	505.7	536.5
576.90	55.6	65,304	544.2	599.8
577.20	79.0	70,075	584.0	663.0
577.50	94.3	75,004	625.0	719.3

GIVEN POND DATA

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)
577.80	107.3	80,096
578.00	115.2	83,581

INTERMEDIATE ROUTING
COMPUTATIONS

2S/t (cfs)	2S/t + 0 (cfs)
667.5	774.8
696.5	811.7

Time increment (t) = 4.0 min.

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN115 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	0.0	0.0	0.00	568.50
4.0	43.22	43.2	41.8	43.2	0.70	571.52
8.0	43.22	86.4	126.7	128.3	0.80	572.81
12.0	43.22	86.4	211.3	213.1	0.90	573.85
16.0	43.22	86.4	295.7	297.7	1.00	574.75
20.0	43.22	86.4	380.1	382.2	1.05	575.55
24.0	0.00	43.2	421.1	423.3	1.10	575.91
28.0	0.00	0.0	418.9	421.1	1.10	575.89
32.0	0.00	0.0	416.7	418.9	1.10	575.87
36.0	0.00	0.0	414.5	416.7	1.10	575.85
40.0	0.00	0.0	412.3	414.5	1.10	575.83
44.0	0.00	0.0	410.1	412.3	1.10	575.81
48.0	0.00	0.0	407.9	410.1	1.10	575.79
52.0	0.00	0.0	405.7	407.9	1.10	575.78
56.0	0.00	0.0	403.5	405.7	1.10	575.76
60.0	0.00	0.0	401.3	403.5	1.10	575.74
64.0	0.00	0.0	399.1	401.3	1.10	575.72
68.0	0.00	0.0	396.9	399.1	1.10	575.70
72.0	0.00	0.0	394.7	396.9	1.09	575.68
76.0	0.00	0.0	392.5	394.7	1.09	575.66
80.0	0.00	0.0	390.4	392.5	1.08	575.64
84.0	0.00	0.0	388.2	390.4	1.07	575.62
88.0	0.00	0.0	386.1	388.2	1.07	575.60
92.0	0.00	0.0	384.0	386.1	1.06	575.58
96.0	0.00	0.0	381.9	384.0	1.05	575.56
100.0	0.00	0.0	379.8	381.9	1.05	575.54
104.0	0.00	0.0	377.7	379.8	1.04	575.53
108.0	0.00	0.0	375.6	377.7	1.04	575.51
112.0	0.00	0.0	373.6	375.6	1.03	575.49
116.0	0.00	0.0	371.5	373.6	1.02	575.47
120.0	0.00	0.0	369.5	371.5	1.02	575.45
124.0	0.00	0.0	367.5	369.5	1.01	575.43
128.0	0.00	0.0	365.4	367.5	1.01	575.42
132.0	0.00	0.0	363.4	365.4	1.00	575.40
136.0	0.00	0.0	361.4	363.4	1.00	575.38
140.0	0.00	0.0	359.4	361.4	1.00	575.36
144.0	0.00	0.0	357.4	359.4	1.00	575.34
148.0	0.00	0.0	355.4	357.4	1.00	575.32
152.0	0.00	0.0	353.4	355.4	1.00	575.30
156.0	0.00	0.0	351.4	353.4	1.00	575.28
160.0	0.00	0.0	349.4	351.4	1.00	575.27
164.0	0.00	0.0	347.4	349.4	1.00	575.25
168.0	0.00	0.0	345.4	347.4	1.00	575.23
172.0	0.00	0.0	343.4	345.4	1.00	575.21
176.0	0.00	0.0	341.4	343.4	1.00	575.19

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN115 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
180.0	0.00	0.0	339.4	341.4	1.00	575.17
184.0	0.00	0.0	337.4	339.4	1.00	575.15
188.0	0.00	0.0	335.4	337.4	1.00	575.14
192.0	0.00	0.0	333.4	335.4	1.00	575.12
196.0	0.00	0.0	331.4	333.4	1.00	575.10
200.0	0.00	0.0	329.4	331.4	1.00	575.08
204.0	0.00	0.0	327.4	329.4	1.00	575.06
208.0	0.00	0.0	325.4	327.4	1.00	575.04
212.0	0.00	0.0	323.4	325.4	1.00	575.02
216.0	0.00	0.0	321.4	323.4	1.00	575.00
220.0	0.00	0.0	319.4	321.4	1.00	574.98
224.0	0.00	0.0	317.4	319.4	1.00	574.96
228.0	0.00	0.0	315.4	317.4	1.00	574.94
232.0	0.00	0.0	313.4	315.4	1.00	574.92
236.0	0.00	0.0	311.4	313.4	1.00	574.90
240.0	0.00	0.0	309.4	311.4	1.00	574.88
244.0	0.00	0.0	307.4	309.4	1.00	574.86
248.0	0.00	0.0	305.4	307.4	1.00	574.84
252.0	0.00	0.0	303.4	305.4	1.00	574.82
256.0	0.00	0.0	301.4	303.4	1.00	574.80
260.0	0.00	0.0	299.4	301.4	1.00	574.78
264.0	0.00	0.0	297.4	299.4	1.00	574.76
268.0	0.00	0.0	295.4	297.4	1.00	574.74
272.0	0.00	0.0	293.4	295.4	1.00	574.72
276.0	0.00	0.0	291.4	293.4	1.00	574.70
280.0	0.00	0.0	289.4	291.4	1.00	574.68
284.0	0.00	0.0	287.4	289.4	1.00	574.66
288.0	0.00	0.0	285.4	287.4	1.00	574.64
292.0	0.00	0.0	283.4	285.4	1.00	574.62
296.0	0.00	0.0	281.4	283.4	1.00	574.60
300.0	0.00	0.0	279.4	281.4	1.00	574.58
304.0	0.00	0.0	277.4	279.4	1.00	574.56
308.0	0.00	0.0	275.4	277.4	1.00	574.54
312.0	0.00	0.0	273.4	275.4	1.00	574.52
316.0	0.00	0.0	271.4	273.4	1.00	574.50
320.0	0.00	0.0	269.5	271.4	0.99	574.48
324.0	0.00	0.0	267.5	269.5	0.99	574.46
328.0	0.00	0.0	265.5	267.5	0.98	574.44
332.0	0.00	0.0	263.6	265.5	0.97	574.42
336.0	0.00	0.0	261.7	263.6	0.97	574.40
340.0	0.00	0.0	259.7	261.7	0.96	574.38
344.0	0.00	0.0	257.8	259.7	0.95	574.36
348.0	0.00	0.0	255.9	257.8	0.95	574.34
352.0	0.00	0.0	254.1	255.9	0.94	574.32
356.0	0.00	0.0	252.2	254.1	0.93	574.30
360.0	0.00	0.0	250.3	252.2	0.93	574.28

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN115 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
364.0	0.00	0.0	248.5	250.3	0.92	574.26
368.0	0.00	0.0	246.7	248.5	0.91	574.24
372.0	0.00	0.0	244.9	246.7	0.91	574.22
376.0	0.00	0.0	243.1	244.9	0.90	574.20
380.0	0.00	0.0	241.3	243.1	0.90	574.18
384.0	0.00	0.0	239.5	241.3	0.90	574.16
388.0	0.00	0.0	237.7	239.5	0.90	574.14
392.0	0.00	0.0	235.9	237.7	0.90	574.12
396.0	0.00	0.0	234.1	235.9	0.90	574.10
400.0	0.00	0.0	232.3	234.1	0.90	574.08
404.0	0.00	0.0	230.5	232.3	0.90	574.06
408.0	0.00	0.0	228.7	230.5	0.90	574.04
412.0	0.00	0.0	226.9	228.7	0.90	574.02
416.0	0.00	0.0	225.1	226.9	0.90	574.00
420.0	0.00	0.0	223.3	225.1	0.90	573.98
424.0	0.00	0.0	221.5	223.3	0.90	573.96
428.0	0.00	0.0	219.7	221.5	0.90	573.94
432.0	0.00	0.0	217.9	219.7	0.90	573.92
436.0	0.00	0.0	216.1	217.9	0.90	573.90
440.0	0.00	0.0	214.3	216.1	0.90	573.88
444.0	0.00	0.0	212.5	214.3	0.90	573.86
448.0	0.00	0.0	210.7	212.5	0.90	573.84
452.0	0.00	0.0	208.9	210.7	0.90	573.82
456.0	0.00	0.0	207.1	208.9	0.90	573.80
460.0	0.00	0.0	205.3	207.1	0.90	573.78
464.0	0.00	0.0	203.5	205.3	0.90	573.76
468.0	0.00	0.0	201.7	203.5	0.90	573.73
472.0	0.00	0.0	199.9	201.7	0.90	573.71
476.0	0.00	0.0	198.1	199.9	0.90	573.69
480.0	0.00	0.0	196.3	198.1	0.90	573.67
484.0	0.00	0.0	194.5	196.3	0.90	573.65
488.0	0.00	0.0	192.7	194.5	0.90	573.63
492.0	0.00	0.0	190.9	192.7	0.90	573.61
496.0	0.00	0.0	189.1	190.9	0.90	573.59
500.0	0.00	0.0	187.3	189.1	0.90	573.57
504.0	0.00	0.0	185.5	187.3	0.90	573.55
508.0	0.00	0.0	183.7	185.5	0.90	573.52
512.0	0.00	0.0	181.9	183.7	0.90	573.50
516.0	0.00	0.0	180.1	181.9	0.90	573.48
520.0	0.00	0.0	178.3	180.1	0.90	573.46
524.0	0.00	0.0	176.5	178.3	0.90	573.44
528.0	0.00	0.0	174.7	176.5	0.90	573.42
532.0	0.00	0.0	172.9	174.7	0.90	573.39
536.0	0.00	0.0	171.1	172.9	0.90	573.37
540.0	0.00	0.0	169.3	171.1	0.90	573.35
544.0	0.00	0.0	167.5	169.3	0.90	573.33

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN115 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
548.0	0.00	0.0	165.7	167.5	0.90	573.31
552.0	0.00	0.0	163.9	165.7	0.89	573.28
556.0	0.00	0.0	162.1	163.9	0.89	573.26
560.0	0.00	0.0	160.3	162.1	0.88	573.24
564.0	0.00	0.0	158.6	160.3	0.87	573.22
568.0	0.00	0.0	156.9	158.6	0.87	573.20
572.0	0.00	0.0	155.2	156.9	0.86	573.17
576.0	0.00	0.0	153.5	155.2	0.85	573.15
580.0	0.00	0.0	151.8	153.5	0.84	573.13
584.0	0.00	0.0	150.1	151.8	0.84	573.11
588.0	0.00	0.0	148.4	150.1	0.83	573.09
592.0	0.00	0.0	146.8	148.4	0.82	573.07
596.0	0.00	0.0	145.2	146.8	0.82	573.05
600.0	0.00	0.0	143.5	145.2	0.81	573.03
604.0	0.00	0.0	141.9	143.5	0.80	573.01
608.0	0.00	0.0	140.3	141.9	0.80	572.99
612.0	0.00	0.0	138.7	140.3	0.80	572.97
616.0	0.00	0.0	137.1	138.7	0.80	572.95
620.0	0.00	0.0	135.5	137.1	0.80	572.92
624.0	0.00	0.0	133.9	135.5	0.80	572.90
628.0	0.00	0.0	132.3	133.9	0.80	572.88
632.0	0.00	0.0	130.7	132.3	0.80	572.86
636.0	0.00	0.0	129.1	130.7	0.80	572.84
640.0	0.00	0.0	127.5	129.1	0.80	572.82
644.0	0.00	0.0	125.9	127.5	0.80	572.80
648.0	0.00	0.0	124.3	125.9	0.80	572.78
652.0	0.00	0.0	122.7	124.3	0.80	572.76
656.0	0.00	0.0	121.1	122.7	0.80	572.73
660.0	0.00	0.0	119.5	121.1	0.80	572.71
664.0	0.00	0.0	117.9	119.5	0.80	572.69
668.0	0.00	0.0	116.3	117.9	0.80	572.67
672.0	0.00	0.0	114.7	116.3	0.80	572.65
676.0	0.00	0.0	113.1	114.7	0.80	572.63
680.0	0.00	0.0	111.5	113.1	0.80	572.60
684.0	0.00	0.0	109.9	111.5	0.80	572.58
688.0	0.00	0.0	108.3	109.9	0.80	572.56
692.0	0.00	0.0	106.7	108.3	0.80	572.54
696.0	0.00	0.0	105.1	106.7	0.80	572.52
700.0	0.00	0.0	103.5	105.1	0.80	572.49
704.0	0.00	0.0	101.9	103.5	0.80	572.47
708.0	0.00	0.0	100.3	101.9	0.80	572.45
712.0	0.00	0.0	98.7	100.3	0.80	572.43
716.0	0.00	0.0	97.1	98.7	0.80	572.41
720.0	0.00	0.0	95.5	97.1	0.79	572.38
724.0	0.00	0.0	94.0	95.5	0.79	572.36
728.0	0.00	0.0	92.4	94.0	0.78	572.34

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN115 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
732.0	0.00	0.0	90.9	92.4	0.77	572.32
736.0	0.00	0.0	89.3	90.9	0.76	572.29
740.0	0.00	0.0	87.8	89.3	0.76	572.27
744.0	0.00	0.0	86.3	87.8	0.75	572.25
748.0	0.00	0.0	84.8	86.3	0.74	572.23
752.0	0.00	0.0	83.4	84.8	0.74	572.21
756.0	0.00	0.0	81.9	83.4	0.73	572.19
760.0	0.00	0.0	80.5	81.9	0.72	572.17
764.0	0.00	0.0	79.0	80.5	0.71	572.14
768.0	0.00	0.0	77.6	79.0	0.71	572.12
772.0	0.00	0.0	76.2	77.6	0.70	572.10
776.0	0.00	0.0	74.8	76.2	0.70	572.08
780.0	0.00	0.0	73.4	74.8	0.70	572.06
784.0	0.00	0.0	72.0	73.4	0.70	572.04
788.0	0.00	0.0	70.6	72.0	0.70	572.02
792.0	0.00	0.0	69.2	70.6	0.70	572.00
796.0	0.00	0.0	67.8	69.2	0.70	571.97
800.0	0.00	0.0	66.4	67.8	0.70	571.95
304.0	0.00	0.0	65.0	66.4	0.70	571.93
808.0	0.00	0.0	63.6	65.0	0.70	571.91
812.0	0.00	0.0	62.2	63.6	0.70	571.89
816.0	0.00	0.0	60.8	62.2	0.70	571.86
820.0	0.00	0.0	59.4	60.8	0.70	571.84
824.0	0.00	0.0	58.0	59.4	0.70	571.82
828.0	0.00	0.0	56.6	58.0	0.70	571.80
832.0	0.00	0.0	55.2	56.6	0.70	571.77
836.0	0.00	0.0	53.8	55.2	0.70	571.74
840.0	0.00	0.0	52.4	53.8	0.70	571.72
844.0	0.00	0.0	51.0	52.4	0.70	571.69
848.0	0.00	0.0	49.6	51.0	0.70	571.66
852.0	0.00	0.0	48.2	49.6	0.70	571.64
856.0	0.00	0.0	46.8	48.2	0.70	571.61
860.0	0.00	0.0	45.4	46.8	0.70	571.58
864.0	0.00	0.0	44.0	45.4	0.70	571.56
868.0	0.00	0.0	42.6	44.0	0.70	571.53
872.0	0.00	0.0	41.2	42.6	0.70	571.50
876.0	0.00	0.0	39.8	41.2	0.69	571.47
880.0	0.00	0.0	38.5	39.8	0.68	571.44
884.0	0.00	0.0	37.1	38.5	0.67	571.41
888.0	0.00	0.0	35.8	37.1	0.66	571.38
892.0	0.00	0.0	34.5	35.8	0.65	571.34
896.0	0.00	0.0	33.2	34.5	0.64	571.31
900.0	0.00	0.0	32.0	33.2	0.63	571.28
904.0	0.00	0.0	30.7	32.0	0.62	571.25
908.0	0.00	0.0	29.5	30.7	0.61	571.22
912.0	0.00	0.0	28.3	29.5	0.60	571.19

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN115 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
916.0	0.00	0.0	27.1	28.3	0.60	571.16
920.0	0.00	0.0	25.9	27.1	0.60	571.12
924.0	0.00	0.0	24.7	25.9	0.60	571.08
928.0	0.00	0.0	23.5	24.7	0.60	571.04
932.0	0.00	0.0	22.3	23.5	0.60	571.01
936.0	0.00	0.0	21.1	22.3	0.60	570.97
940.0	0.00	0.0	19.9	21.1	0.60	570.93
944.0	0.00	0.0	18.7	19.9	0.60	570.89
948.0	0.00	0.0	17.5	18.7	0.60	570.84
952.0	0.00	0.0	16.3	17.5	0.60	570.79
956.0	0.00	0.0	15.1	16.3	0.60	570.74
960.0	0.00	0.0	13.9	15.1	0.60	570.69
964.0	0.00	0.0	12.7	13.9	0.60	570.64
968.0	0.00	0.0	11.5	12.7	0.59	570.58
972.0	0.00	0.0	10.4	11.5	0.57	570.51
976.0	0.00	0.0	9.3	10.4	0.55	570.45
980.0	0.00	0.0	8.2	9.3	0.53	570.38
984.0	0.00	0.0	7.2	8.2	0.51	570.32
988.0	0.00	0.0	6.2	7.2	0.50	570.24
992.0	0.00	0.0	5.2	6.2	0.50	570.14
996.0	0.00	0.0	4.2	5.2	0.50	570.05
1000.0	0.00	0.0	3.3	4.2	0.48	569.94
1004.0	0.00	0.0	2.4	3.3	0.43	569.80
1008.0	0.00	0.0	1.6	2.4	0.39	569.67
1012.0	0.00	0.0	1.0	1.6	0.33	569.50
1016.0	0.00	0.0	0.4	1.0	0.30	569.29
1020.0	0.00	0.0	-0.1	0.4	0.21	568.96
1024.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1028.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1032.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1036.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1040.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1044.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1048.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1052.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1056.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1060.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1064.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1068.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1072.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1076.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1080.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1084.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1088.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1092.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1096.0	0.00	0.0	-0.1	-0.1	0.00	568.50

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN115 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
1100.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1104.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1108.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1112.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1116.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1120.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1124.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1128.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1132.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1136.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1140.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1144.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1148.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1152.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1156.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1160.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1164.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1168.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1172.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1176.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1180.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1184.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1188.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1192.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1196.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1200.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1204.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1208.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1212.0	0.00	0.0	-0.1	-0.1	0.00	568.50

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN1 .PND
Inflow Hydrograph: j:\DATA\0306147\15BASIN1 .HYD
Outflow Hydrograph: j:\DATA\0306147\BASIN115 .HYD

Starting Pond W.S. Elevation = 568.50 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 43.22 cfs
Peak Outflow = 1.10 cfs
Peak Elevation = 575.91 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 0 cu-ft
Peak Storage From Storm = 50,664 cu-ft

Total Storage in Pond = 50,664 cu-ft

```

*****
*
*           FOX HAVEN           *
*   DETENTION ANALYSIS   *
*   DETENTION BASIN #1   *
*
*
*****
  
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Inflow Hydrograph: j:\DATA\0306147\25BASIN1 .HYD
 Rating Table file: j:\DATA\0306147\BASIN1 .PND

----INITIAL CONDITIONS----

Elevation = 568.50 ft
 Outflow = 0.00 cfs
 Storage = 0 cu-ft

GIVEN POND DATA

INTERMEDIATE ROUTING
 COMPUTATIONS

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
568.50	0.0	0	0.0	0.0
568.80	0.1	4	0.0	0.1
569.10	0.3	32	0.3	0.6
569.40	0.3	108	0.9	1.2
569.70	0.4	256	2.1	2.5
570.00	0.5	500	4.2	4.7
570.30	0.5	890	7.4	7.9
570.60	0.6	1,489	12.4	13.0
570.90	0.6	2,344	19.5	20.1
571.20	0.6	3,499	29.2	29.8
571.50	0.7	4,999	41.7	42.4
571.80	0.7	6,889	57.4	58.1
572.10	0.7	9,196	76.6	77.3
572.40	0.8	11,695	97.5	98.3
572.70	0.8	14,312	119.3	120.1
573.00	0.8	17,052	142.1	142.9
573.30	0.9	19,917	166.0	166.9
573.60	0.9	22,909	190.9	191.8
573.90	0.9	26,032	216.9	217.8
574.20	0.9	29,289	244.1	245.0
574.50	1.0	32,688	272.4	273.4
574.80	1.0	36,232	301.9	302.9
575.10	1.0	39,924	332.7	333.7
575.40	1.0	43,768	364.7	365.7
575.70	1.1	47,765	398.0	399.1
576.00	1.1	51,920	432.7	433.8
576.30	11.6	56,229	468.6	480.2
576.60	30.8	60,690	505.7	536.5
576.90	55.6	65,304	544.2	599.8
577.20	79.0	70,075	584.0	663.0
577.50	94.3	75,004	625.0	719.3

GIVEN POND DATA

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)
577.80	107.3	80,096
578.00	115.2	83,581

INTERMEDIATE ROUTING
COMPUTATIONS

2S/t (cfs)	2S/t + 0 (cfs)
667.5	774.8
696.5	811.7

Time increment (t) = 4.0 min.

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN125 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	0.0	0.0	0.00	568.50
4.0	53.37	53.4	52.0	53.4	0.70	571.71
8.0	53.37	106.7	157.0	158.7	0.87	573.20
12.0	53.37	106.7	261.8	263.7	0.97	574.40
16.0	53.37	106.7	366.5	368.5	1.01	575.43
20.0	53.37	106.7	453.2	473.2	10.03	576.26
24.0	0.00	53.4	465.4	506.6	20.58	576.44
28.0	0.00	0.0	448.9	465.4	8.25	576.20
32.0	0.00	0.0	439.8	448.9	4.52	576.10
36.0	0.00	0.0	434.9	439.8	2.47	576.04
40.0	0.00	0.0	432.2	434.9	1.35	576.01
44.0	0.00	0.0	430.0	432.2	1.10	575.99
48.0	0.00	0.0	427.8	430.0	1.10	575.97
52.0	0.00	0.0	425.6	427.8	1.10	575.95
56.0	0.00	0.0	423.4	425.6	1.10	575.93
60.0	0.00	0.0	421.2	423.4	1.10	575.91
64.0	0.00	0.0	419.0	421.2	1.10	575.89
68.0	0.00	0.0	416.8	419.0	1.10	575.87
72.0	0.00	0.0	414.6	416.8	1.10	575.85
76.0	0.00	0.0	412.4	414.6	1.10	575.83
80.0	0.00	0.0	410.2	412.4	1.10	575.81
84.0	0.00	0.0	408.0	410.2	1.10	575.80
88.0	0.00	0.0	405.8	408.0	1.10	575.78
92.0	0.00	0.0	403.6	405.8	1.10	575.76
96.0	0.00	0.0	401.4	403.6	1.10	575.74
100.0	0.00	0.0	399.2	401.4	1.10	575.72
104.0	0.00	0.0	397.0	399.2	1.10	575.70
108.0	0.00	0.0	394.8	397.0	1.09	575.68
112.0	0.00	0.0	392.6	394.8	1.09	575.66
116.0	0.00	0.0	390.5	392.6	1.08	575.64
120.0	0.00	0.0	388.3	390.5	1.07	575.62
124.0	0.00	0.0	386.2	388.3	1.07	575.60
128.0	0.00	0.0	384.1	386.2	1.06	575.58
132.0	0.00	0.0	381.9	384.1	1.05	575.56
136.0	0.00	0.0	379.8	381.9	1.05	575.55
140.0	0.00	0.0	377.8	379.8	1.04	575.53
144.0	0.00	0.0	375.7	377.8	1.04	575.51
148.0	0.00	0.0	373.6	375.7	1.03	575.49
152.0	0.00	0.0	371.6	373.6	1.02	575.47
156.0	0.00	0.0	369.6	371.6	1.02	575.45
160.0	0.00	0.0	367.5	369.6	1.01	575.43
164.0	0.00	0.0	365.5	367.5	1.01	575.42
168.0	0.00	0.0	363.5	365.5	1.00	575.40
172.0	0.00	0.0	361.5	363.5	1.00	575.38
176.0	0.00	0.0	359.5	361.5	1.00	575.36

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN125 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
180.0	0.00	0.0	357.5	359.5	1.00	575.34
184.0	0.00	0.0	355.5	357.5	1.00	575.32
188.0	0.00	0.0	353.5	355.5	1.00	575.30
192.0	0.00	0.0	351.5	353.5	1.00	575.29
196.0	0.00	0.0	349.5	351.5	1.00	575.27
200.0	0.00	0.0	347.5	349.5	1.00	575.25
204.0	0.00	0.0	345.5	347.5	1.00	575.23
208.0	0.00	0.0	343.5	345.5	1.00	575.21
212.0	0.00	0.0	341.5	343.5	1.00	575.19
216.0	0.00	0.0	339.5	341.5	1.00	575.17
220.0	0.00	0.0	337.5	339.5	1.00	575.15
224.0	0.00	0.0	335.5	337.5	1.00	575.14
228.0	0.00	0.0	333.5	335.5	1.00	575.12
232.0	0.00	0.0	331.5	333.5	1.00	575.10
236.0	0.00	0.0	329.5	331.5	1.00	575.08
240.0	0.00	0.0	327.5	329.5	1.00	575.06
244.0	0.00	0.0	325.5	327.5	1.00	575.04
248.0	0.00	0.0	323.5	325.5	1.00	575.02
252.0	0.00	0.0	321.5	323.5	1.00	575.00
256.0	0.00	0.0	319.5	321.5	1.00	574.98
260.0	0.00	0.0	317.5	319.5	1.00	574.96
264.0	0.00	0.0	315.5	317.5	1.00	574.94
268.0	0.00	0.0	313.5	315.5	1.00	574.92
272.0	0.00	0.0	311.5	313.5	1.00	574.90
276.0	0.00	0.0	309.5	311.5	1.00	574.88
280.0	0.00	0.0	307.5	309.5	1.00	574.86
284.0	0.00	0.0	305.5	307.5	1.00	574.84
288.0	0.00	0.0	303.5	305.5	1.00	574.83
292.0	0.00	0.0	301.5	303.5	1.00	574.81
296.0	0.00	0.0	299.5	301.5	1.00	574.79
300.0	0.00	0.0	297.5	299.5	1.00	574.77
304.0	0.00	0.0	295.5	297.5	1.00	574.74
308.0	0.00	0.0	293.5	295.5	1.00	574.72
312.0	0.00	0.0	291.5	293.5	1.00	574.70
316.0	0.00	0.0	289.5	291.5	1.00	574.68
320.0	0.00	0.0	287.5	289.5	1.00	574.66
324.0	0.00	0.0	285.5	287.5	1.00	574.64
328.0	0.00	0.0	283.5	285.5	1.00	574.62
332.0	0.00	0.0	281.5	283.5	1.00	574.60
336.0	0.00	0.0	279.5	281.5	1.00	574.58
340.0	0.00	0.0	277.5	279.5	1.00	574.56
344.0	0.00	0.0	275.5	277.5	1.00	574.54
348.0	0.00	0.0	273.5	275.5	1.00	574.52
352.0	0.00	0.0	271.5	273.5	1.00	574.50
356.0	0.00	0.0	269.5	271.5	0.99	574.48
360.0	0.00	0.0	267.6	269.5	0.99	574.46

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN125 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
364.0	0.00	0.0	265.6	267.6	0.98	574.44
368.0	0.00	0.0	263.7	265.6	0.97	574.42
372.0	0.00	0.0	261.7	263.7	0.97	574.40
376.0	0.00	0.0	259.8	261.7	0.96	574.38
380.0	0.00	0.0	257.9	259.8	0.95	574.36
384.0	0.00	0.0	256.0	257.9	0.95	574.34
388.0	0.00	0.0	254.1	256.0	0.94	574.32
392.0	0.00	0.0	252.3	254.1	0.93	574.30
396.0	0.00	0.0	250.4	252.3	0.93	574.28
400.0	0.00	0.0	248.6	250.4	0.92	574.26
404.0	0.00	0.0	246.8	248.6	0.91	574.24
408.0	0.00	0.0	244.9	246.8	0.91	574.22
412.0	0.00	0.0	243.1	244.9	0.90	574.20
416.0	0.00	0.0	241.3	243.1	0.90	574.18
420.0	0.00	0.0	239.5	241.3	0.90	574.16
424.0	0.00	0.0	237.7	239.5	0.90	574.14
428.0	0.00	0.0	235.9	237.7	0.90	574.12
432.0	0.00	0.0	234.1	235.9	0.90	574.10
436.0	0.00	0.0	232.3	234.1	0.90	574.08
440.0	0.00	0.0	230.5	232.3	0.90	574.06
444.0	0.00	0.0	228.7	230.5	0.90	574.04
448.0	0.00	0.0	226.9	228.7	0.90	574.02
452.0	0.00	0.0	225.1	226.9	0.90	574.00
456.0	0.00	0.0	223.3	225.1	0.90	573.98
460.0	0.00	0.0	221.5	223.3	0.90	573.96
464.0	0.00	0.0	219.7	221.5	0.90	573.94
468.0	0.00	0.0	217.9	219.7	0.90	573.92
472.0	0.00	0.0	216.1	217.9	0.90	573.90
476.0	0.00	0.0	214.3	216.1	0.90	573.88
480.0	0.00	0.0	212.5	214.3	0.90	573.86
484.0	0.00	0.0	210.7	212.5	0.90	573.84
488.0	0.00	0.0	208.9	210.7	0.90	573.82
492.0	0.00	0.0	207.1	208.9	0.90	573.80
496.0	0.00	0.0	205.3	207.1	0.90	573.78
500.0	0.00	0.0	203.5	205.3	0.90	573.76
504.0	0.00	0.0	201.7	203.5	0.90	573.74
508.0	0.00	0.0	199.9	201.7	0.90	573.71
512.0	0.00	0.0	198.1	199.9	0.90	573.69
516.0	0.00	0.0	196.3	198.1	0.90	573.67
520.0	0.00	0.0	194.5	196.3	0.90	573.65
524.0	0.00	0.0	192.7	194.5	0.90	573.63
528.0	0.00	0.0	190.9	192.7	0.90	573.61
532.0	0.00	0.0	189.1	190.9	0.90	573.59
536.0	0.00	0.0	187.3	189.1	0.90	573.57
540.0	0.00	0.0	185.5	187.3	0.90	573.55
544.0	0.00	0.0	183.7	185.5	0.90	573.52

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN125 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
548.0	0.00	0.0	181.9	183.7	0.90	573.50
552.0	0.00	0.0	180.1	181.9	0.90	573.48
556.0	0.00	0.0	178.3	180.1	0.90	573.46
560.0	0.00	0.0	176.5	178.3	0.90	573.44
564.0	0.00	0.0	174.7	176.5	0.90	573.42
568.0	0.00	0.0	172.9	174.7	0.90	573.39
572.0	0.00	0.0	171.1	172.9	0.90	573.37
576.0	0.00	0.0	169.3	171.1	0.90	573.35
580.0	0.00	0.0	167.5	169.3	0.90	573.33
584.0	0.00	0.0	165.7	167.5	0.90	573.31
588.0	0.00	0.0	163.9	165.7	0.90	573.29
592.0	0.00	0.0	162.2	163.9	0.89	573.26
596.0	0.00	0.0	160.4	162.2	0.88	573.24
600.0	0.00	0.0	158.7	160.4	0.87	573.22
604.0	0.00	0.0	156.9	158.7	0.87	573.20
608.0	0.00	0.0	155.2	156.9	0.86	573.18
612.0	0.00	0.0	153.5	155.2	0.85	573.15
616.0	0.00	0.0	151.8	153.5	0.84	573.13
620.0	0.00	0.0	150.2	151.8	0.84	573.11
624.0	0.00	0.0	148.5	150.2	0.83	573.09
628.0	0.00	0.0	146.8	148.5	0.82	573.07
632.0	0.00	0.0	145.2	146.8	0.82	573.05
636.0	0.00	0.0	143.6	145.2	0.81	573.03
640.0	0.00	0.0	142.0	143.6	0.80	573.01
644.0	0.00	0.0	140.4	142.0	0.80	572.99
648.0	0.00	0.0	138.8	140.4	0.80	572.97
652.0	0.00	0.0	137.2	138.8	0.80	572.95
656.0	0.00	0.0	135.6	137.2	0.80	572.92
660.0	0.00	0.0	134.0	135.6	0.80	572.90
664.0	0.00	0.0	132.4	134.0	0.80	572.88
668.0	0.00	0.0	130.8	132.4	0.80	572.86
672.0	0.00	0.0	129.2	130.8	0.80	572.84
676.0	0.00	0.0	127.6	129.2	0.80	572.82
680.0	0.00	0.0	126.0	127.6	0.80	572.80
684.0	0.00	0.0	124.4	126.0	0.80	572.78
688.0	0.00	0.0	122.8	124.4	0.80	572.76
692.0	0.00	0.0	121.2	122.8	0.80	572.74
696.0	0.00	0.0	119.6	121.2	0.80	572.71
700.0	0.00	0.0	118.0	119.6	0.80	572.69
704.0	0.00	0.0	116.4	118.0	0.80	572.67
708.0	0.00	0.0	114.8	116.4	0.80	572.65
712.0	0.00	0.0	113.2	114.8	0.80	572.63
716.0	0.00	0.0	111.6	113.2	0.80	572.61
720.0	0.00	0.0	110.0	111.6	0.80	572.58
724.0	0.00	0.0	108.4	110.0	0.80	572.56
728.0	0.00	0.0	106.8	108.4	0.80	572.54

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN125 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
732.0	0.00	0.0	105.2	106.8	0.80	572.52
736.0	0.00	0.0	103.6	105.2	0.80	572.50
740.0	0.00	0.0	102.0	103.6	0.80	572.47
744.0	0.00	0.0	100.4	102.0	0.80	572.45
748.0	0.00	0.0	98.8	100.4	0.80	572.43
752.0	0.00	0.0	97.2	98.8	0.80	572.41
756.0	0.00	0.0	95.6	97.2	0.79	572.38
760.0	0.00	0.0	94.0	95.6	0.79	572.36
764.0	0.00	0.0	92.5	94.0	0.78	572.34
768.0	0.00	0.0	90.9	92.5	0.77	572.32
772.0	0.00	0.0	89.4	90.9	0.76	572.29
776.0	0.00	0.0	87.9	89.4	0.76	572.27
780.0	0.00	0.0	86.4	87.9	0.75	572.25
784.0	0.00	0.0	84.9	86.4	0.74	572.23
788.0	0.00	0.0	83.4	84.9	0.74	572.21
792.0	0.00	0.0	82.0	83.4	0.73	572.19
796.0	0.00	0.0	80.5	82.0	0.72	572.17
800.0	0.00	0.0	79.1	80.5	0.72	572.15
804.0	0.00	0.0	77.7	79.1	0.71	572.13
808.0	0.00	0.0	76.3	77.7	0.70	572.10
812.0	0.00	0.0	74.9	76.3	0.70	572.08
816.0	0.00	0.0	73.5	74.9	0.70	572.06
820.0	0.00	0.0	72.1	73.5	0.70	572.04
824.0	0.00	0.0	70.7	72.1	0.70	572.02
828.0	0.00	0.0	69.3	70.7	0.70	572.00
832.0	0.00	0.0	67.9	69.3	0.70	571.97
836.0	0.00	0.0	66.5	67.9	0.70	571.95
840.0	0.00	0.0	65.1	66.5	0.70	571.93
844.0	0.00	0.0	63.7	65.1	0.70	571.91
848.0	0.00	0.0	62.3	63.7	0.70	571.89
852.0	0.00	0.0	60.9	62.3	0.70	571.86
856.0	0.00	0.0	59.5	60.9	0.70	571.84
860.0	0.00	0.0	58.1	59.5	0.70	571.82
864.0	0.00	0.0	56.7	58.1	0.70	571.80
868.0	0.00	0.0	55.3	56.7	0.70	571.77
872.0	0.00	0.0	53.9	55.3	0.70	571.75
876.0	0.00	0.0	52.5	53.9	0.70	571.72
880.0	0.00	0.0	51.1	52.5	0.70	571.69
884.0	0.00	0.0	49.7	51.1	0.70	571.67
888.0	0.00	0.0	48.3	49.7	0.70	571.64
892.0	0.00	0.0	46.9	48.3	0.70	571.61
896.0	0.00	0.0	45.5	46.9	0.70	571.59
900.0	0.00	0.0	44.1	45.5	0.70	571.56
904.0	0.00	0.0	42.7	44.1	0.70	571.53
908.0	0.00	0.0	41.3	42.7	0.70	571.51
912.0	0.00	0.0	39.9	41.3	0.69	571.47

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN125 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
916.0	0.00	0.0	38.5	39.9	0.68	571.44
920.0	0.00	0.0	37.2	38.5	0.67	571.41
924.0	0.00	0.0	35.9	37.2	0.66	571.38
928.0	0.00	0.0	34.6	35.9	0.65	571.35
932.0	0.00	0.0	33.3	34.6	0.64	571.31
936.0	0.00	0.0	32.0	33.3	0.63	571.28
940.0	0.00	0.0	30.8	32.0	0.62	571.25
944.0	0.00	0.0	29.6	30.8	0.61	571.22
948.0	0.00	0.0	28.4	29.6	0.60	571.19
952.0	0.00	0.0	27.2	28.4	0.60	571.16
956.0	0.00	0.0	26.0	27.2	0.60	571.12
960.0	0.00	0.0	24.8	26.0	0.60	571.08
964.0	0.00	0.0	23.6	24.8	0.60	571.04
968.0	0.00	0.0	22.4	23.6	0.60	571.01
972.0	0.00	0.0	21.2	22.4	0.60	570.97
976.0	0.00	0.0	20.0	21.2	0.60	570.93
980.0	0.00	0.0	18.8	20.0	0.60	570.89
984.0	0.00	0.0	17.6	18.8	0.60	570.84
988.0	0.00	0.0	16.4	17.6	0.60	570.79
992.0	0.00	0.0	15.2	16.4	0.60	570.74
996.0	0.00	0.0	14.0	15.2	0.60	570.69
1000.0	0.00	0.0	12.8	14.0	0.60	570.64
1004.0	0.00	0.0	11.6	12.8	0.60	570.59
1008.0	0.00	0.0	10.4	11.6	0.57	570.52
1012.0	0.00	0.0	9.3	10.4	0.55	570.45
1016.0	0.00	0.0	8.3	9.3	0.53	570.38
1020.0	0.00	0.0	7.3	8.3	0.51	570.32
1024.0	0.00	0.0	6.3	7.3	0.50	570.24
1028.0	0.00	0.0	5.3	6.3	0.50	570.15
1032.0	0.00	0.0	4.3	5.3	0.50	570.06
1036.0	0.00	0.0	3.3	4.3	0.48	569.94
1040.0	0.00	0.0	2.4	3.3	0.44	569.81
1044.0	0.00	0.0	1.7	2.4	0.39	569.68
1048.0	0.00	0.0	1.0	1.7	0.33	569.50
1052.0	0.00	0.0	0.4	1.0	0.30	569.30
1056.0	0.00	0.0	-0.0	0.4	0.22	568.97
1060.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1064.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1068.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1072.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1076.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1080.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1084.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1088.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1092.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1096.0	0.00	0.0	-0.0	-0.0	0.00	568.50

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN1 .HYD
 :flow Hydrograph: j:\DATA\0306147\BASIN125 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
1100.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1104.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1108.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1112.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1116.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1120.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1124.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1128.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1132.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1136.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1140.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1144.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1148.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1152.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1156.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1160.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1164.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1168.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1172.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1176.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1180.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1184.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1188.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1192.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1196.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1200.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1204.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1208.0	0.00	0.0	-0.0	-0.0	0.00	568.50
1212.0	0.00	0.0	-0.0	-0.0	0.00	568.50

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN1 .PND
Inflow Hydrograph: j:\DATA\0306147\25BASIN1 .HYD
Outflow Hydrograph: j:\DATA\0306147\BASIN125 .HYD

Starting Pond W.S. Elevation = 568.50 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 53.37 cfs
Peak Outflow = 20.58 cfs
Peak Elevation = 576.44 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 0 cu-ft
Peak Storage From Storm = 58,316 cu-ft

Total Storage in Pond = 58,316 cu-ft

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*****
*
*          FOX HAVEN          *
*  DETENTION ANALYSIS      *
*  DETENTION BASIN #1     *
*
*
*****
    
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Inflow Hydrograph: j:\DATA\0306147\100BASIN1.HYD
 Rating Table file: j:\DATA\0306147\BASIN1 .PND

----INITIAL CONDITIONS----
 Elevation = 568.50 ft
 Outflow = 0.00 cfs
 Storage = 0 cu-ft

GIVEN POND DATA

INTERMEDIATE ROUTING
 COMPUTATIONS

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
568.50	0.0	0	0.0	0.0
568.80	0.1	4	0.0	0.1
569.10	0.3	32	0.3	0.6
569.40	0.3	108	0.9	1.2
569.70	0.4	256	2.1	2.5
570.00	0.5	500	4.2	4.7
570.30	0.5	890	7.4	7.9
570.60	0.6	1,489	12.4	13.0
570.90	0.6	2,344	19.5	20.1
571.20	0.6	3,499	29.2	29.8
571.50	0.7	4,999	41.7	42.4
571.80	0.7	6,889	57.4	58.1
572.10	0.7	9,196	76.6	77.3
572.40	0.8	11,695	97.5	98.3
572.70	0.8	14,312	119.3	120.1
573.00	0.8	17,052	142.1	142.9
573.30	0.9	19,917	166.0	166.9
573.60	0.9	22,909	190.9	191.8
573.90	0.9	26,032	216.9	217.8
574.20	0.9	29,289	244.1	245.0
574.50	1.0	32,688	272.4	273.4
574.80	1.0	36,232	301.9	302.9
575.10	1.0	39,924	332.7	333.7
575.40	1.0	43,768	364.7	365.7
575.70	1.1	47,765	398.0	399.1
576.00	1.1	51,920	432.7	433.8
576.30	11.6	56,229	468.6	480.2
576.60	30.8	60,690	505.7	536.5
576.90	55.6	65,304	544.2	599.8
577.20	79.0	70,075	584.0	663.0
577.50	94.3	75,004	625.0	719.3

GIVEN POND DATA

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)
577.80	107.3	80,096
578.00	115.2	83,581

INTERMEDIATE ROUTING
COMPUTATIONS

2S/t (cfs)	2S/t + 0 (cfs)
667.5	774.8
696.5	811.7

Time increment (t) = 4.0 min.

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	0.0	0.0	0.00	568.50
4.0	68.26	68.3	66.9	68.3	0.70	571.96
8.0	68.26	136.5	201.6	203.4	0.90	573.73
12.0	68.26	136.5	336.1	338.1	1.00	575.14
16.0	68.26	136.5	452.8	472.6	9.89	576.25
20.0	68.26	136.5	486.3	589.4	51.51	576.85
24.0	0.00	68.3	478.8	554.6	37.88	576.69
28.0	0.00	0.0	456.2	478.8	11.30	576.29
32.0	0.00	0.0	443.9	456.2	6.19	576.15
36.0	0.00	0.0	437.1	443.9	3.39	576.07
40.0	0.00	0.0	433.4	437.1	1.85	576.02
44.0	0.00	0.0	431.2	433.4	1.10	576.00
48.0	0.00	0.0	429.0	431.2	1.10	575.98
52.0	0.00	0.0	426.8	429.0	1.10	575.96
56.0	0.00	0.0	424.6	426.8	1.10	575.94
60.0	0.00	0.0	422.4	424.6	1.10	575.92
64.0	0.00	0.0	420.2	422.4	1.10	575.90
68.0	0.00	0.0	418.0	420.2	1.10	575.88
72.0	0.00	0.0	415.8	418.0	1.10	575.86
76.0	0.00	0.0	413.6	415.8	1.10	575.84
80.0	0.00	0.0	411.4	413.6	1.10	575.83
84.0	0.00	0.0	409.2	411.4	1.10	575.81
88.0	0.00	0.0	407.0	409.2	1.10	575.79
92.0	0.00	0.0	404.8	407.0	1.10	575.77
96.0	0.00	0.0	402.6	404.8	1.10	575.75
100.0	0.00	0.0	400.4	402.6	1.10	575.73
104.0	0.00	0.0	398.2	400.4	1.10	575.71
108.0	0.00	0.0	396.0	398.2	1.10	575.69
112.0	0.00	0.0	393.8	396.0	1.09	575.67
116.0	0.00	0.0	391.6	393.8	1.08	575.65
120.0	0.00	0.0	389.5	391.6	1.08	575.63
124.0	0.00	0.0	387.4	389.5	1.07	575.61
128.0	0.00	0.0	385.2	387.4	1.06	575.59
132.0	0.00	0.0	383.1	385.2	1.06	575.57
136.0	0.00	0.0	381.0	383.1	1.05	575.56
140.0	0.00	0.0	378.9	381.0	1.05	575.54
144.0	0.00	0.0	376.8	378.9	1.04	575.52
148.0	0.00	0.0	374.8	376.8	1.03	575.50
152.0	0.00	0.0	372.7	374.8	1.03	575.48
156.0	0.00	0.0	370.7	372.7	1.02	575.46
160.0	0.00	0.0	368.6	370.7	1.01	575.44
164.0	0.00	0.0	366.6	368.6	1.01	575.43
168.0	0.00	0.0	364.6	366.6	1.00	575.41
172.0	0.00	0.0	362.6	364.6	1.00	575.39
176.0	0.00	0.0	360.6	362.6	1.00	575.37

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN1100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
180.0	0.00	0.0	358.6	360.6	1.00	575.35
184.0	0.00	0.0	356.6	358.6	1.00	575.33
188.0	0.00	0.0	354.6	356.6	1.00	575.31
192.0	0.00	0.0	352.6	354.6	1.00	575.30
196.0	0.00	0.0	350.6	352.6	1.00	575.28
200.0	0.00	0.0	348.6	350.6	1.00	575.26
204.0	0.00	0.0	346.6	348.6	1.00	575.24
208.0	0.00	0.0	344.6	346.6	1.00	575.22
212.0	0.00	0.0	342.6	344.6	1.00	575.20
216.0	0.00	0.0	340.6	342.6	1.00	575.18
220.0	0.00	0.0	338.6	340.6	1.00	575.16
224.0	0.00	0.0	336.6	338.6	1.00	575.15
228.0	0.00	0.0	334.6	336.6	1.00	575.13
232.0	0.00	0.0	332.6	334.6	1.00	575.11
236.0	0.00	0.0	330.6	332.6	1.00	575.09
240.0	0.00	0.0	328.6	330.6	1.00	575.07
244.0	0.00	0.0	326.6	328.6	1.00	575.05
248.0	0.00	0.0	324.6	326.6	1.00	575.03
252.0	0.00	0.0	322.6	324.6	1.00	575.01
256.0	0.00	0.0	320.6	322.6	1.00	574.99
260.0	0.00	0.0	318.6	320.6	1.00	574.97
264.0	0.00	0.0	316.6	318.6	1.00	574.95
268.0	0.00	0.0	314.6	316.6	1.00	574.93
272.0	0.00	0.0	312.6	314.6	1.00	574.91
276.0	0.00	0.0	310.6	312.6	1.00	574.89
280.0	0.00	0.0	308.6	310.6	1.00	574.87
284.0	0.00	0.0	306.6	308.6	1.00	574.86
288.0	0.00	0.0	304.6	306.6	1.00	574.84
292.0	0.00	0.0	302.6	304.6	1.00	574.82
296.0	0.00	0.0	300.6	302.6	1.00	574.80
300.0	0.00	0.0	298.6	300.6	1.00	574.78
304.0	0.00	0.0	296.6	298.6	1.00	574.76
308.0	0.00	0.0	294.6	296.6	1.00	574.74
312.0	0.00	0.0	292.6	294.6	1.00	574.72
316.0	0.00	0.0	290.6	292.6	1.00	574.70
320.0	0.00	0.0	288.6	290.6	1.00	574.67
324.0	0.00	0.0	286.6	288.6	1.00	574.65
328.0	0.00	0.0	284.6	286.6	1.00	574.63
332.0	0.00	0.0	282.6	284.6	1.00	574.61
336.0	0.00	0.0	280.6	282.6	1.00	574.59
340.0	0.00	0.0	278.6	280.6	1.00	574.57
344.0	0.00	0.0	276.6	278.6	1.00	574.55
348.0	0.00	0.0	274.6	276.6	1.00	574.53
352.0	0.00	0.0	272.6	274.6	1.00	574.51
356.0	0.00	0.0	270.6	272.6	1.00	574.49
360.0	0.00	0.0	268.6	270.6	0.99	574.47

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
364.0	0.00	0.0	266.7	268.6	0.98	574.45
368.0	0.00	0.0	264.7	266.7	0.98	574.43
372.0	0.00	0.0	262.8	264.7	0.97	574.41
376.0	0.00	0.0	260.9	262.8	0.96	574.39
380.0	0.00	0.0	258.9	260.9	0.96	574.37
384.0	0.00	0.0	257.0	258.9	0.95	574.35
388.0	0.00	0.0	255.2	257.0	0.94	574.33
392.0	0.00	0.0	253.3	255.2	0.94	574.31
396.0	0.00	0.0	251.4	253.3	0.93	574.29
400.0	0.00	0.0	249.6	251.4	0.92	574.27
404.0	0.00	0.0	247.8	249.6	0.92	574.25
408.0	0.00	0.0	245.9	247.8	0.91	574.23
412.0	0.00	0.0	244.1	245.9	0.90	574.21
416.0	0.00	0.0	242.3	244.1	0.90	574.19
420.0	0.00	0.0	240.5	242.3	0.90	574.17
424.0	0.00	0.0	238.7	240.5	0.90	574.15
428.0	0.00	0.0	236.9	238.7	0.90	574.13
432.0	0.00	0.0	235.1	236.9	0.90	574.11
436.0	0.00	0.0	233.3	235.1	0.90	574.09
440.0	0.00	0.0	231.5	233.3	0.90	574.07
444.0	0.00	0.0	229.7	231.5	0.90	574.05
448.0	0.00	0.0	227.9	229.7	0.90	574.03
452.0	0.00	0.0	226.1	227.9	0.90	574.01
456.0	0.00	0.0	224.3	226.1	0.90	573.99
460.0	0.00	0.0	222.5	224.3	0.90	573.97
464.0	0.00	0.0	220.7	222.5	0.90	573.95
468.0	0.00	0.0	218.9	220.7	0.90	573.93
472.0	0.00	0.0	217.1	218.9	0.90	573.91
476.0	0.00	0.0	215.3	217.1	0.90	573.89
480.0	0.00	0.0	213.5	215.3	0.90	573.87
484.0	0.00	0.0	211.7	213.5	0.90	573.85
488.0	0.00	0.0	209.9	211.7	0.90	573.83
492.0	0.00	0.0	208.1	209.9	0.90	573.81
496.0	0.00	0.0	206.3	208.1	0.90	573.79
500.0	0.00	0.0	204.5	206.3	0.90	573.77
504.0	0.00	0.0	202.7	204.5	0.90	573.75
508.0	0.00	0.0	200.9	202.7	0.90	573.73
512.0	0.00	0.0	199.1	200.9	0.90	573.71
516.0	0.00	0.0	197.3	199.1	0.90	573.68
520.0	0.00	0.0	195.5	197.3	0.90	573.66
524.0	0.00	0.0	193.7	195.5	0.90	573.64
528.0	0.00	0.0	191.9	193.7	0.90	573.62
532.0	0.00	0.0	190.1	191.9	0.90	573.60
536.0	0.00	0.0	188.3	190.1	0.90	573.58
540.0	0.00	0.0	186.5	188.3	0.90	573.56
544.0	0.00	0.0	184.7	186.5	0.90	573.54

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
548.0	0.00	0.0	182.9	184.7	0.90	573.51
552.0	0.00	0.0	181.1	182.9	0.90	573.49
556.0	0.00	0.0	179.3	181.1	0.90	573.47
560.0	0.00	0.0	177.5	179.3	0.90	573.45
564.0	0.00	0.0	175.7	177.5	0.90	573.43
568.0	0.00	0.0	173.9	175.7	0.90	573.41
572.0	0.00	0.0	172.1	173.9	0.90	573.38
576.0	0.00	0.0	170.3	172.1	0.90	573.36
580.0	0.00	0.0	168.5	170.3	0.90	573.34
584.0	0.00	0.0	166.7	168.5	0.90	573.32
588.0	0.00	0.0	164.9	166.7	0.90	573.30
592.0	0.00	0.0	163.1	164.9	0.89	573.28
596.0	0.00	0.0	161.4	163.1	0.88	573.25
600.0	0.00	0.0	159.6	161.4	0.88	573.23
604.0	0.00	0.0	157.9	159.6	0.87	573.21
608.0	0.00	0.0	156.2	157.9	0.86	573.19
612.0	0.00	0.0	154.4	156.2	0.86	573.17
616.0	0.00	0.0	152.8	154.4	0.85	573.14
620.0	0.00	0.0	151.1	152.8	0.84	573.12
624.0	0.00	0.0	149.4	151.1	0.83	573.10
628.0	0.00	0.0	147.7	149.4	0.83	573.08
632.0	0.00	0.0	146.1	147.7	0.82	573.06
636.0	0.00	0.0	144.5	146.1	0.81	573.04
640.0	0.00	0.0	142.9	144.5	0.81	573.02
644.0	0.00	0.0	141.3	142.9	0.80	573.00
648.0	0.00	0.0	139.7	141.3	0.80	572.98
652.0	0.00	0.0	138.1	139.7	0.80	572.96
656.0	0.00	0.0	136.5	138.1	0.80	572.94
660.0	0.00	0.0	134.9	136.5	0.80	572.92
664.0	0.00	0.0	133.3	134.9	0.80	572.89
668.0	0.00	0.0	131.7	133.3	0.80	572.87
672.0	0.00	0.0	130.1	131.7	0.80	572.85
676.0	0.00	0.0	128.5	130.1	0.80	572.83
680.0	0.00	0.0	126.9	128.5	0.80	572.81
684.0	0.00	0.0	125.3	126.9	0.80	572.79
688.0	0.00	0.0	123.7	125.3	0.80	572.77
692.0	0.00	0.0	122.1	123.7	0.80	572.75
696.0	0.00	0.0	120.5	122.1	0.80	572.73
700.0	0.00	0.0	118.9	120.5	0.80	572.71
704.0	0.00	0.0	117.3	118.9	0.80	572.68
708.0	0.00	0.0	115.7	117.3	0.80	572.66
712.0	0.00	0.0	114.1	115.7	0.80	572.64
716.0	0.00	0.0	112.5	114.1	0.80	572.62
720.0	0.00	0.0	110.9	112.5	0.80	572.60
724.0	0.00	0.0	109.3	110.9	0.80	572.57
728.0	0.00	0.0	107.7	109.3	0.80	572.55

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN1100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
732.0	0.00	0.0	106.1	107.7	0.80	572.53
736.0	0.00	0.0	104.5	106.1	0.80	572.51
740.0	0.00	0.0	102.9	104.5	0.80	572.49
744.0	0.00	0.0	101.3	102.9	0.80	572.46
748.0	0.00	0.0	99.7	101.3	0.80	572.44
752.0	0.00	0.0	98.1	99.7	0.80	572.42
756.0	0.00	0.0	96.5	98.1	0.80	572.40
760.0	0.00	0.0	94.9	96.5	0.79	572.37
764.0	0.00	0.0	93.3	94.9	0.78	572.35
768.0	0.00	0.0	91.8	93.3	0.78	572.33
772.0	0.00	0.0	90.2	91.8	0.77	572.31
776.0	0.00	0.0	88.7	90.2	0.76	572.28
780.0	0.00	0.0	87.2	88.7	0.75	572.26
784.0	0.00	0.0	85.7	87.2	0.75	572.24
788.0	0.00	0.0	84.2	85.7	0.74	572.22
792.0	0.00	0.0	82.8	84.2	0.73	572.20
796.0	0.00	0.0	81.3	82.8	0.73	572.18
800.0	0.00	0.0	79.9	81.3	0.72	572.16
804.0	0.00	0.0	78.4	79.9	0.71	572.14
808.0	0.00	0.0	77.0	78.4	0.71	572.12
812.0	0.00	0.0	75.6	77.0	0.70	572.10
816.0	0.00	0.0	74.2	75.6	0.70	572.07
820.0	0.00	0.0	72.8	74.2	0.70	572.05
824.0	0.00	0.0	71.4	72.8	0.70	572.03
828.0	0.00	0.0	70.0	71.4	0.70	572.01
832.0	0.00	0.0	68.6	70.0	0.70	571.99
836.0	0.00	0.0	67.2	68.6	0.70	571.96
840.0	0.00	0.0	65.8	67.2	0.70	571.94
844.0	0.00	0.0	64.4	65.8	0.70	571.92
848.0	0.00	0.0	63.0	64.4	0.70	571.90
852.0	0.00	0.0	61.6	63.0	0.70	571.88
856.0	0.00	0.0	60.2	61.6	0.70	571.85
860.0	0.00	0.0	58.8	60.2	0.70	571.83
864.0	0.00	0.0	57.4	58.8	0.70	571.81
868.0	0.00	0.0	56.0	57.4	0.70	571.79
872.0	0.00	0.0	54.6	56.0	0.70	571.76
876.0	0.00	0.0	53.2	54.6	0.70	571.73
880.0	0.00	0.0	51.8	53.2	0.70	571.71
884.0	0.00	0.0	50.4	51.8	0.70	571.68
888.0	0.00	0.0	49.0	50.4	0.70	571.65
892.0	0.00	0.0	47.6	49.0	0.70	571.63
896.0	0.00	0.0	46.2	47.6	0.70	571.60
900.0	0.00	0.0	44.8	46.2	0.70	571.57
904.0	0.00	0.0	43.4	44.8	0.70	571.55
908.0	0.00	0.0	42.0	43.4	0.70	571.52
912.0	0.00	0.0	40.6	42.0	0.70	571.49

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
916.0	0.00	0.0	39.3	40.6	0.69	571.46
920.0	0.00	0.0	37.9	39.3	0.68	571.43
924.0	0.00	0.0	36.6	37.9	0.66	571.39
928.0	0.00	0.0	35.3	36.6	0.65	571.36
932.0	0.00	0.0	34.0	35.3	0.64	571.33
936.0	0.00	0.0	32.7	34.0	0.63	571.30
940.0	0.00	0.0	31.5	32.7	0.62	571.27
944.0	0.00	0.0	30.2	31.5	0.61	571.24
948.0	0.00	0.0	29.0	30.2	0.60	571.21
952.0	0.00	0.0	27.8	29.0	0.60	571.18
956.0	0.00	0.0	26.6	27.8	0.60	571.14
960.0	0.00	0.0	25.4	26.6	0.60	571.10
964.0	0.00	0.0	24.2	25.4	0.60	571.07
968.0	0.00	0.0	23.0	24.2	0.60	571.03
972.0	0.00	0.0	21.8	23.0	0.60	570.99
976.0	0.00	0.0	20.6	21.8	0.60	570.95
980.0	0.00	0.0	19.4	20.6	0.60	570.92
984.0	0.00	0.0	18.2	19.4	0.60	570.87
988.0	0.00	0.0	17.0	18.2	0.60	570.82
992.0	0.00	0.0	15.8	17.0	0.60	570.77
996.0	0.00	0.0	14.6	15.8	0.60	570.72
1000.0	0.00	0.0	13.4	14.6	0.60	570.67
1004.0	0.00	0.0	12.2	13.4	0.60	570.62
1008.0	0.00	0.0	11.1	12.2	0.58	570.55
1012.0	0.00	0.0	9.9	11.1	0.56	570.49
1016.0	0.00	0.0	8.9	9.9	0.54	570.42
1020.0	0.00	0.0	7.8	8.9	0.52	570.36
1024.0	0.00	0.0	6.8	7.8	0.50	570.29
1028.0	0.00	0.0	5.8	6.8	0.50	570.20
1032.0	0.00	0.0	4.8	5.8	0.50	570.11
1036.0	0.00	0.0	3.8	4.8	0.50	570.01
1040.0	0.00	0.0	2.9	3.8	0.46	569.88
1044.0	0.00	0.0	2.1	2.9	0.42	569.75
1048.0	0.00	0.0	1.3	2.1	0.37	569.60
1052.0	0.00	0.0	0.7	1.3	0.31	569.43
1056.0	0.00	0.0	0.1	0.7	0.30	569.17
1060.0	0.00	0.0	-0.1	0.1	0.09	568.77
1064.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1068.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1072.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1076.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1080.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1084.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1088.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1092.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1096.0	0.00	0.0	-0.1	-0.1	0.00	568.50

Pond File: j:\DATA\0306147\BASIN1 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
1100.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1104.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1108.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1112.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1116.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1120.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1124.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1128.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1132.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1136.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1140.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1144.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1148.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1152.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1156.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1160.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1164.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1168.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1172.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1176.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1180.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1184.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1188.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1192.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1196.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1200.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1204.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1208.0	0.00	0.0	-0.1	-0.1	0.00	568.50
1212.0	0.00	0.0	-0.1	-0.1	0.00	568.50

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN1 .PND
Inflow Hydrograph: j:\DATA\0306147\100BASIN1.HYD
Outflow Hydrograph: j:\DATA\0306147\BASIN100.HYD

Starting Pond W.S. Elevation = 568.50 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 68.26 cfs
Peak Outflow = 51.51 cfs ✓
Peak Elevation = 576.85 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 0 cu-ft
Peak Storage From Storm = 64,542 cu-ft

Total Storage in Pond = 64,542 cu-ft

*64,500 CF / 1800 SECS
35 CFS ✓
STORAGE*

Outlet Structure File: BASIN1BL.STR

POND-2 Version: 5.17
Date Executed:

S/N: 1903000008
Time Executed:

BASIN #1
BLOCKED LOW FLOW

***** COMPOSITE OUTFLOW SUMMARY *****

Elevation (ft)	Q (cfs)	Contributing Structures
-----	-----	-----
576.00	0.0	3
576.20	5.7	3
576.40	16.1	3
576.60	29.6	3
576.80	45.6	3
577.00	65.8	4
577.20	77.9	4
577.40	88.3	4
577.60	97.6	4
577.80	106.1	4
578.00	114.0	4

Outlet Structure File: BASIN1BL.STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #1
BLOCKED LOW FLOW

Outlet Structure File: j:\DATA\0306147\BASIN1BL.STR
Planimeter Input File: j:\DATA\0306147\BASIN1 .VOL
Rating Table Output File: j:\DATA\0306147\BASIN1BL.PND

Min. Elev.(ft) = 576 Max. Elev.(ft) = 578 Incr.(ft) = .2

Additional elevations (ft) to be included in table:
* * * * *

SYSTEM CONNECTIVITY

Structure	No.	Q Table	Q Table
-----	---	-----	-----
ORIFICE	4	->	4
WEIR-VR	3	->	3

Outflow rating table summary was stored in file:
j:\DATA\0306147\BASIN1BL.PND

Outlet Structure File: BASIN1BL.STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #1
BLOCKED LOW FLOW

>>>>> Structure No. 4 <<<<<<
(Input Data)

ORIFICE

Orifice - Based on Area and Datum Elevation

E1 elev.(ft)?	577
E2 elev.(ft)?	578.001
Orifice coeff.?	.6
Invert elev.(ft)?	576
Datum elev.(ft) ?	576.5
Orifice area (sq ft)?	19.33

Outlet Structure File: BASIN1BL.STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #1
BLOCKED LOW FLOW

>>>>> Structure No. 3 <<<<<<
(Input Data)

WEIR-VR
Weir - Vertical Rectangular

E1 elev.(ft)?	576
E2 elev.(ft)?	577
Weir coefficient?	3.3
Weir elev.(ft)?	576
Length (ft)?	19.33
Contracted/Suppressed (C/S)?	S

```

*****
*
*          FOX HAVEN          *
*  DETENTION ANALYSIS      *
*  DETENTION BASIN #1     *
*   BLOCKED LOW FLOW      *
*
*****
    
```

Inflow Hydrograph: j:\DATA\0306147\02BASN1 .HYD
 Rating Table file: j:\DATA\0306147\BASIN1BL.PND

----INITIAL CONDITIONS----
 Elevation = 576.00 ft
 Outflow = 0.00 cfs
 Storage = 51,920 cu-ft

GIVEN POND DATA			INTERMEDIATE ROUTING COMPUTATIONS	
ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
576.00	0.0	51,920	576.9	576.9
576.20	5.7	54,777	608.6	614.3
576.40	16.1	57,700	641.1	657.2
576.60	29.6	60,690	674.3	703.9
576.80	45.6	63,749	708.3	753.9
577.00	65.8	66,877	743.1	808.9
577.20	77.9	70,075	778.6	856.5
577.40	88.3	73,344	814.9	903.2
577.60	97.6	76,683	852.0	949.6
577.80	106.1	80,096	890.0	996.1
578.00	114.0	83,581	928.7	1042.7

Time increment (t) = 3.0 min.

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL102 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	576.9	576.9	0.00	576.00
3.0	26.36	26.4	595.2	603.2	4.01	576.14
6.0	26.36	52.7	620.2	647.9	13.85	576.36
9.0	26.36	52.7	631.7	673.0	20.65	576.47
12.0	26.36	52.7	636.5	684.4	23.95	576.52
15.0	26.36	52.7	638.5	689.2	25.34	576.54
18.0	26.36	52.7	639.4	691.2	25.93	576.55
21.0	18.45	44.8	636.4	684.2	23.89	576.52
24.0	0.00	18.5	623.8	654.8	15.53	576.39
27.0	0.00	0.0	607.8	623.8	7.99	576.24
30.0	0.00	0.0	598.4	607.8	4.71	576.17
33.0	0.00	0.0	591.8	598.4	3.27	576.11
36.0	0.00	0.0	587.3	591.8	2.28	576.08
39.0	0.00	0.0	584.1	587.3	1.58	576.06
42.0	0.00	0.0	581.9	584.1	1.10	576.04
45.0	0.00	0.0	580.4	581.9	0.77	576.03
48.0	0.00	0.0	579.3	580.4	0.53	576.02
51.0	0.00	0.0	578.6	579.3	0.37	576.01
54.0	0.00	0.0	578.1	578.6	0.26	576.01
57.0	0.00	0.0	577.7	578.1	0.18	576.01
60.0	0.00	0.0	577.5	577.7	0.12	576.00
63.0	0.00	0.0	577.3	577.5	0.09	576.00
66.0	0.00	0.0	577.2	577.3	0.06	576.00
69.0	0.00	0.0	577.1	577.2	0.04	576.00
72.0	0.00	0.0	577.0	577.1	0.03	576.00
75.0	0.00	0.0	577.0	577.0	0.02	576.00
78.0	0.00	0.0	577.0	577.0	0.01	576.00
81.0	0.00	0.0	576.9	577.0	0.01	576.00
84.0	0.00	0.0	576.9	576.9	0.01	576.00
87.0	0.00	0.0	576.9	576.9	0.00	576.00
90.0	0.00	0.0	576.9	576.9	0.00	576.00
93.0	0.00	0.0	576.9	576.9	0.00	576.00
96.0	0.00	0.0	576.9	576.9	0.00	576.00
99.0	0.00	0.0	576.9	576.9	0.00	576.00
102.0	0.00	0.0	576.9	576.9	0.00	576.00
105.0	0.00	0.0	576.9	576.9	0.00	576.00
108.0	0.00	0.0	576.9	576.9	0.00	576.00
111.0	0.00	0.0	576.9	576.9	0.00	576.00
114.0	0.00	0.0	576.9	576.9	0.00	576.00
117.0	0.00	0.0	576.9	576.9	0.00	576.00
120.0	0.00	0.0	576.9	576.9	0.00	576.00
123.0	0.00	0.0	576.9	576.9	0.00	576.00
126.0	0.00	0.0	576.9	576.9	0.00	576.00
129.0	0.00	0.0	576.9	576.9	0.00	576.00
132.0	0.00	0.0	576.9	576.9	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL102.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
135.0	0.00	0.0	576.9	576.9	0.00	576.00
138.0	0.00	0.0	576.9	576.9	0.00	576.00
141.0	0.00	0.0	576.9	576.9	0.00	576.00
144.0	0.00	0.0	576.9	576.9	0.00	576.00
147.0	0.00	0.0	576.9	576.9	0.00	576.00
150.0	0.00	0.0	576.9	576.9	0.00	576.00
153.0	0.00	0.0	576.9	576.9	0.00	576.00
156.0	0.00	0.0	576.9	576.9	0.00	576.00
159.0	0.00	0.0	576.9	576.9	0.00	576.00
162.0	0.00	0.0	576.9	576.9	0.00	576.00
165.0	0.00	0.0	576.9	576.9	0.00	576.00
168.0	0.00	0.0	576.9	576.9	0.00	576.00
171.0	0.00	0.0	576.9	576.9	0.00	576.00
174.0	0.00	0.0	576.9	576.9	0.00	576.00
177.0	0.00	0.0	576.9	576.9	0.00	576.00
180.0	0.00	0.0	576.9	576.9	0.00	576.00
183.0	0.00	0.0	576.9	576.9	0.00	576.00
186.0	0.00	0.0	576.9	576.9	0.00	576.00
189.0	0.00	0.0	576.9	576.9	0.00	576.00
192.0	0.00	0.0	576.9	576.9	0.00	576.00
195.0	0.00	0.0	576.9	576.9	0.00	576.00
198.0	0.00	0.0	576.9	576.9	0.00	576.00
201.0	0.00	0.0	576.9	576.9	0.00	576.00
204.0	0.00	0.0	576.9	576.9	0.00	576.00
207.0	0.00	0.0	576.9	576.9	0.00	576.00
210.0	0.00	0.0	576.9	576.9	0.00	576.00
213.0	0.00	0.0	576.9	576.9	0.00	576.00
216.0	0.00	0.0	576.9	576.9	0.00	576.00
219.0	0.00	0.0	576.9	576.9	0.00	576.00
222.0	0.00	0.0	576.9	576.9	0.00	576.00
225.0	0.00	0.0	576.9	576.9	0.00	576.00
228.0	0.00	0.0	576.9	576.9	0.00	576.00
231.0	0.00	0.0	576.9	576.9	0.00	576.00
234.0	0.00	0.0	576.9	576.9	0.00	576.00
237.0	0.00	0.0	576.9	576.9	0.00	576.00
240.0	0.00	0.0	576.9	576.9	0.00	576.00
243.0	0.00	0.0	576.9	576.9	0.00	576.00
246.0	0.00	0.0	576.9	576.9	0.00	576.00
249.0	0.00	0.0	576.9	576.9	0.00	576.00
252.0	0.00	0.0	576.9	576.9	0.00	576.00
255.0	0.00	0.0	576.9	576.9	0.00	576.00
258.0	0.00	0.0	576.9	576.9	0.00	576.00
261.0	0.00	0.0	576.9	576.9	0.00	576.00
264.0	0.00	0.0	576.9	576.9	0.00	576.00
267.0	0.00	0.0	576.9	576.9	0.00	576.00
270.0	0.00	0.0	576.9	576.9	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL102.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
273.0	0.00	0.0	576.9	576.9	0.00	576.00
276.0	0.00	0.0	576.9	576.9	0.00	576.00
279.0	0.00	0.0	576.9	576.9	0.00	576.00
282.0	0.00	0.0	576.9	576.9	0.00	576.00
285.0	0.00	0.0	576.9	576.9	0.00	576.00
288.0	0.00	0.0	576.9	576.9	0.00	576.00
291.0	0.00	0.0	576.9	576.9	0.00	576.00
294.0	0.00	0.0	576.9	576.9	0.00	576.00
297.0	0.00	0.0	576.9	576.9	0.00	576.00
300.0	0.00	0.0	576.9	576.9	0.00	576.00
303.0	0.00	0.0	576.9	576.9	0.00	576.00
306.0	0.00	0.0	576.9	576.9	0.00	576.00
309.0	0.00	0.0	576.9	576.9	0.00	576.00
312.0	0.00	0.0	576.9	576.9	0.00	576.00
315.0	0.00	0.0	576.9	576.9	0.00	576.00
318.0	0.00	0.0	576.9	576.9	0.00	576.00
321.0	0.00	0.0	576.9	576.9	0.00	576.00
324.0	0.00	0.0	576.9	576.9	0.00	576.00
327.0	0.00	0.0	576.9	576.9	0.00	576.00
330.0	0.00	0.0	576.9	576.9	0.00	576.00
333.0	0.00	0.0	576.9	576.9	0.00	576.00
336.0	0.00	0.0	576.9	576.9	0.00	576.00
339.0	0.00	0.0	576.9	576.9	0.00	576.00
342.0	0.00	0.0	576.9	576.9	0.00	576.00
345.0	0.00	0.0	576.9	576.9	0.00	576.00
348.0	0.00	0.0	576.9	576.9	0.00	576.00
351.0	0.00	0.0	576.9	576.9	0.00	576.00
354.0	0.00	0.0	576.9	576.9	0.00	576.00
357.0	0.00	0.0	576.9	576.9	0.00	576.00
360.0	0.00	0.0	576.9	576.9	0.00	576.00
363.0	0.00	0.0	576.9	576.9	0.00	576.00
366.0	0.00	0.0	576.9	576.9	0.00	576.00
369.0	0.00	0.0	576.9	576.9	0.00	576.00
372.0	0.00	0.0	576.9	576.9	0.00	576.00
375.0	0.00	0.0	576.9	576.9	0.00	576.00
378.0	0.00	0.0	576.9	576.9	0.00	576.00
381.0	0.00	0.0	576.9	576.9	0.00	576.00
384.0	0.00	0.0	576.9	576.9	0.00	576.00
387.0	0.00	0.0	576.9	576.9	0.00	576.00
390.0	0.00	0.0	576.9	576.9	0.00	576.00
393.0	0.00	0.0	576.9	576.9	0.00	576.00
396.0	0.00	0.0	576.9	576.9	0.00	576.00
399.0	0.00	0.0	576.9	576.9	0.00	576.00
402.0	0.00	0.0	576.9	576.9	0.00	576.00
405.0	0.00	0.0	576.9	576.9	0.00	576.00
408.0	0.00	0.0	576.9	576.9	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL102.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
411.0	0.00	0.0	576.9	576.9	0.00	576.00
414.0	0.00	0.0	576.9	576.9	0.00	576.00
417.0	0.00	0.0	576.9	576.9	0.00	576.00
420.0	0.00	0.0	576.9	576.9	0.00	576.00
423.0	0.00	0.0	576.9	576.9	0.00	576.00
426.0	0.00	0.0	576.9	576.9	0.00	576.00
429.0	0.00	0.0	576.9	576.9	0.00	576.00
432.0	0.00	0.0	576.9	576.9	0.00	576.00
435.0	0.00	0.0	576.9	576.9	0.00	576.00
438.0	0.00	0.0	576.9	576.9	0.00	576.00
441.0	0.00	0.0	576.9	576.9	0.00	576.00
444.0	0.00	0.0	576.9	576.9	0.00	576.00
447.0	0.00	0.0	576.9	576.9	0.00	576.00
450.0	0.00	0.0	576.9	576.9	0.00	576.00
453.0	0.00	0.0	576.9	576.9	0.00	576.00
456.0	0.00	0.0	576.9	576.9	0.00	576.00
459.0	0.00	0.0	576.9	576.9	0.00	576.00
462.0	0.00	0.0	576.9	576.9	0.00	576.00
465.0	0.00	0.0	576.9	576.9	0.00	576.00
468.0	0.00	0.0	576.9	576.9	0.00	576.00
471.0	0.00	0.0	576.9	576.9	0.00	576.00
474.0	0.00	0.0	576.9	576.9	0.00	576.00
477.0	0.00	0.0	576.9	576.9	0.00	576.00
480.0	0.00	0.0	576.9	576.9	0.00	576.00
483.0	0.00	0.0	576.9	576.9	0.00	576.00
486.0	0.00	0.0	576.9	576.9	0.00	576.00
489.0	0.00	0.0	576.9	576.9	0.00	576.00
492.0	0.00	0.0	576.9	576.9	0.00	576.00
495.0	0.00	0.0	576.9	576.9	0.00	576.00
498.0	0.00	0.0	576.9	576.9	0.00	576.00
501.0	0.00	0.0	576.9	576.9	0.00	576.00
504.0	0.00	0.0	576.9	576.9	0.00	576.00
507.0	0.00	0.0	576.9	576.9	0.00	576.00
510.0	0.00	0.0	576.9	576.9	0.00	576.00
513.0	0.00	0.0	576.9	576.9	0.00	576.00
516.0	0.00	0.0	576.9	576.9	0.00	576.00
519.0	0.00	0.0	576.9	576.9	0.00	576.00
522.0	0.00	0.0	576.9	576.9	0.00	576.00
525.0	0.00	0.0	576.9	576.9	0.00	576.00
528.0	0.00	0.0	576.9	576.9	0.00	576.00
531.0	0.00	0.0	576.9	576.9	0.00	576.00
534.0	0.00	0.0	576.9	576.9	0.00	576.00
537.0	0.00	0.0	576.9	576.9	0.00	576.00
540.0	0.00	0.0	576.9	576.9	0.00	576.00
543.0	0.00	0.0	576.9	576.9	0.00	576.00
546.0	0.00	0.0	576.9	576.9	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL102.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
549.0	0.00	0.0	576.9	576.9	0.00	576.00
552.0	0.00	0.0	576.9	576.9	0.00	576.00
555.0	0.00	0.0	576.9	576.9	0.00	576.00
558.0	0.00	0.0	576.9	576.9	0.00	576.00
561.0	0.00	0.0	576.9	576.9	0.00	576.00
564.0	0.00	0.0	576.9	576.9	0.00	576.00
567.0	0.00	0.0	576.9	576.9	0.00	576.00
570.0	0.00	0.0	576.9	576.9	0.00	576.00
573.0	0.00	0.0	576.9	576.9	0.00	576.00
576.0	0.00	0.0	576.9	576.9	0.00	576.00
579.0	0.00	0.0	576.9	576.9	0.00	576.00
582.0	0.00	0.0	576.9	576.9	0.00	576.00
585.0	0.00	0.0	576.9	576.9	0.00	576.00
588.0	0.00	0.0	576.9	576.9	0.00	576.00
591.0	0.00	0.0	576.9	576.9	0.00	576.00
594.0	0.00	0.0	576.9	576.9	0.00	576.00
597.0	0.00	0.0	576.9	576.9	0.00	576.00
600.0	0.00	0.0	576.9	576.9	0.00	576.00
603.0	0.00	0.0	576.9	576.9	0.00	576.00
606.0	0.00	0.0	576.9	576.9	0.00	576.00
609.0	0.00	0.0	576.9	576.9	0.00	576.00
612.0	0.00	0.0	576.9	576.9	0.00	576.00
615.0	0.00	0.0	576.9	576.9	0.00	576.00
618.0	0.00	0.0	576.9	576.9	0.00	576.00
621.0	0.00	0.0	576.9	576.9	0.00	576.00
624.0	0.00	0.0	576.9	576.9	0.00	576.00
627.0	0.00	0.0	576.9	576.9	0.00	576.00
630.0	0.00	0.0	576.9	576.9	0.00	576.00
633.0	0.00	0.0	576.9	576.9	0.00	576.00
636.0	0.00	0.0	576.9	576.9	0.00	576.00
639.0	0.00	0.0	576.9	576.9	0.00	576.00
642.0	0.00	0.0	576.9	576.9	0.00	576.00
645.0	0.00	0.0	576.9	576.9	0.00	576.00
648.0	0.00	0.0	576.9	576.9	0.00	576.00
651.0	0.00	0.0	576.9	576.9	0.00	576.00
654.0	0.00	0.0	576.9	576.9	0.00	576.00
657.0	0.00	0.0	576.9	576.9	0.00	576.00
660.0	0.00	0.0	576.9	576.9	0.00	576.00
663.0	0.00	0.0	576.9	576.9	0.00	576.00
666.0	0.00	0.0	576.9	576.9	0.00	576.00
669.0	0.00	0.0	576.9	576.9	0.00	576.00
672.0	0.00	0.0	576.9	576.9	0.00	576.00
675.0	0.00	0.0	576.9	576.9	0.00	576.00
678.0	0.00	0.0	576.9	576.9	0.00	576.00
681.0	0.00	0.0	576.9	576.9	0.00	576.00
684.0	0.00	0.0	576.9	576.9	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL102.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
687.0	0.00	0.0	576.9	576.9	0.00	576.00
690.0	0.00	0.0	576.9	576.9	0.00	576.00
693.0	0.00	0.0	576.9	576.9	0.00	576.00
696.0	0.00	0.0	576.9	576.9	0.00	576.00
699.0	0.00	0.0	576.9	576.9	0.00	576.00
702.0	0.00	0.0	576.9	576.9	0.00	576.00
705.0	0.00	0.0	576.9	576.9	0.00	576.00
708.0	0.00	0.0	576.9	576.9	0.00	576.00
711.0	0.00	0.0	576.9	576.9	0.00	576.00
714.0	0.00	0.0	576.9	576.9	0.00	576.00
717.0	0.00	0.0	576.9	576.9	0.00	576.00
720.0	0.00	0.0	576.9	576.9	0.00	576.00
723.0	0.00	0.0	576.9	576.9	0.00	576.00
726.0	0.00	0.0	576.9	576.9	0.00	576.00
729.0	0.00	0.0	576.9	576.9	0.00	576.00
732.0	0.00	0.0	576.9	576.9	0.00	576.00
735.0	0.00	0.0	576.9	576.9	0.00	576.00
738.0	0.00	0.0	576.9	576.9	0.00	576.00
741.0	0.00	0.0	576.9	576.9	0.00	576.00
744.0	0.00	0.0	576.9	576.9	0.00	576.00
747.0	0.00	0.0	576.9	576.9	0.00	576.00
750.0	0.00	0.0	576.9	576.9	0.00	576.00
753.0	0.00	0.0	576.9	576.9	0.00	576.00
756.0	0.00	0.0	576.9	576.9	0.00	576.00
759.0	0.00	0.0	576.9	576.9	0.00	576.00
762.0	0.00	0.0	576.9	576.9	0.00	576.00
765.0	0.00	0.0	576.9	576.9	0.00	576.00
768.0	0.00	0.0	576.9	576.9	0.00	576.00
771.0	0.00	0.0	576.9	576.9	0.00	576.00
774.0	0.00	0.0	576.9	576.9	0.00	576.00
777.0	0.00	0.0	576.9	576.9	0.00	576.00
780.0	0.00	0.0	576.9	576.9	0.00	576.00
783.0	0.00	0.0	576.9	576.9	0.00	576.00
786.0	0.00	0.0	576.9	576.9	0.00	576.00
789.0	0.00	0.0	576.9	576.9	0.00	576.00
792.0	0.00	0.0	576.9	576.9	0.00	576.00
795.0	0.00	0.0	576.9	576.9	0.00	576.00
798.0	0.00	0.0	576.9	576.9	0.00	576.00
801.0	0.00	0.0	576.9	576.9	0.00	576.00
804.0	0.00	0.0	576.9	576.9	0.00	576.00
807.0	0.00	0.0	576.9	576.9	0.00	576.00
810.0	0.00	0.0	576.9	576.9	0.00	576.00
813.0	0.00	0.0	576.9	576.9	0.00	576.00
816.0	0.00	0.0	576.9	576.9	0.00	576.00
819.0	0.00	0.0	576.9	576.9	0.00	576.00
822.0	0.00	0.0	576.9	576.9	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL102 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
825.0	0.00	0.0	576.9	576.9	0.00	576.00
828.0	0.00	0.0	576.9	576.9	0.00	576.00
831.0	0.00	0.0	576.9	576.9	0.00	576.00
834.0	0.00	0.0	576.9	576.9	0.00	576.00
837.0	0.00	0.0	576.9	576.9	0.00	576.00
840.0	0.00	0.0	576.9	576.9	0.00	576.00
843.0	0.00	0.0	576.9	576.9	0.00	576.00
846.0	0.00	0.0	576.9	576.9	0.00	576.00
849.0	0.00	0.0	576.9	576.9	0.00	576.00
852.0	0.00	0.0	576.9	576.9	0.00	576.00
855.0	0.00	0.0	576.9	576.9	0.00	576.00
858.0	0.00	0.0	576.9	576.9	0.00	576.00
861.0	0.00	0.0	576.9	576.9	0.00	576.00
864.0	0.00	0.0	576.9	576.9	0.00	576.00
867.0	0.00	0.0	576.9	576.9	0.00	576.00
870.0	0.00	0.0	576.9	576.9	0.00	576.00
873.0	0.00	0.0	576.9	576.9	0.00	576.00
876.0	0.00	0.0	576.9	576.9	0.00	576.00
879.0	0.00	0.0	576.9	576.9	0.00	576.00
882.0	0.00	0.0	576.9	576.9	0.00	576.00
885.0	0.00	0.0	576.9	576.9	0.00	576.00
888.0	0.00	0.0	576.9	576.9	0.00	576.00
891.0	0.00	0.0	576.9	576.9	0.00	576.00
894.0	0.00	0.0	576.9	576.9	0.00	576.00
897.0	0.00	0.0	576.9	576.9	0.00	576.00
900.0	0.00	0.0	576.9	576.9	0.00	576.00
903.0	0.00	0.0	576.9	576.9	0.00	576.00
906.0	0.00	0.0	576.9	576.9	0.00	576.00
909.0	0.00	0.0	576.9	576.9	0.00	576.00

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN1BL.PND
Inflow Hydrograph: j:\DATA\0306147\02BASN1 .HYD
Outflow Hydrograph: j:\DATA\0306147\BABL102 .HYD

Starting Pond W.S. Elevation = 576.00 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 26.36 cfs
Peak Outflow = 25.93 cfs
Peak Elevation = 576.55 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 51,920 cu-ft
Peak Storage From Storm = 7,957 cu-ft

Total Storage in Pond = 59,877 cu-ft

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*****
*
*           FOX HAVEN           *
*   DETENTION ANALYSIS        *
*   DETENTION BASIN #1        *
*   BLOCKED LOW FLOW          *
*
*****
  
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Inflow Hydrograph: j:\DATA\0306147\15BASN1 .HYD
 Rating Table file: j:\DATA\0306147\BASIN1BL.PND

----INITIAL CONDITIONS----

Elevation = 576.00 ft
 Outflow = 0.00 cfs
 Storage = 51,920 cu-ft

GIVEN POND DATA

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)
576.00	0.0	51,920
576.20	5.7	54,777
576.40	16.1	57,700
576.60	29.6	60,690
576.80	45.6	63,749
577.00	65.8	66,877
577.20	77.9	70,075
577.40	88.3	73,344
577.60	97.6	76,683
577.80	106.1	80,096
578.00	114.0	83,581

INTERMEDIATE ROUTING
 COMPUTATIONS

2S/t (cfs)	2S/t + 0 (cfs)
432.7	432.7
456.5	462.2
480.8	496.9
505.7	535.3
531.2	576.8
557.3	623.1
584.0	661.9
611.2	699.5
639.0	736.6
667.5	773.6
696.5	810.5

Time increment (t) = 4.0 min.

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL115 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	432.7	432.7	0.00	576.00
4.0	43.22	43.2	456.3	475.9	9.80	576.28
8.0	43.22	86.4	477.8	542.7	32.44	576.64
12.0	43.22	86.4	482.8	564.3	40.75	576.74
16.0	43.22	86.4	483.9	569.2	42.66	576.76
20.0	43.22	86.4	484.2	570.3	43.09	576.77
24.0	0.00	43.2	473.8	527.4	26.80	576.56
28.0	0.00	0.0	455.4	473.8	9.17	576.27
32.0	0.00	0.0	446.6	455.4	4.40	576.15
36.0	0.00	0.0	441.2	446.6	2.70	576.09
40.0	0.00	0.0	437.9	441.2	1.66	576.06
44.0	0.00	0.0	435.9	437.9	1.02	576.04
48.0	0.00	0.0	434.6	435.9	0.62	576.02
52.0	0.00	0.0	433.9	434.6	0.38	576.01
56.0	0.00	0.0	433.4	433.9	0.23	576.01
60.0	0.00	0.0	433.1	433.4	0.14	576.01
64.0	0.00	0.0	432.9	433.1	0.09	576.00
68.0	0.00	0.0	432.8	432.9	0.05	576.00
72.0	0.00	0.0	432.8	432.8	0.03	576.00
76.0	0.00	0.0	432.7	432.8	0.02	576.00
80.0	0.00	0.0	432.7	432.7	0.01	576.00
84.0	0.00	0.0	432.7	432.7	0.01	576.00
88.0	0.00	0.0	432.7	432.7	0.00	576.00
92.0	0.00	0.0	432.7	432.7	0.00	576.00
96.0	0.00	0.0	432.7	432.7	0.00	576.00
100.0	0.00	0.0	432.7	432.7	0.00	576.00
104.0	0.00	0.0	432.7	432.7	0.00	576.00
108.0	0.00	0.0	432.7	432.7	0.00	576.00
112.0	0.00	0.0	432.7	432.7	0.00	576.00
116.0	0.00	0.0	432.7	432.7	0.00	576.00
120.0	0.00	0.0	432.7	432.7	0.00	576.00
124.0	0.00	0.0	432.7	432.7	0.00	576.00
128.0	0.00	0.0	432.7	432.7	0.00	576.00
132.0	0.00	0.0	432.7	432.7	0.00	576.00
136.0	0.00	0.0	432.7	432.7	0.00	576.00
140.0	0.00	0.0	432.7	432.7	0.00	576.00
144.0	0.00	0.0	432.7	432.7	0.00	576.00
148.0	0.00	0.0	432.7	432.7	0.00	576.00
152.0	0.00	0.0	432.7	432.7	0.00	576.00
156.0	0.00	0.0	432.7	432.7	0.00	576.00
160.0	0.00	0.0	432.7	432.7	0.00	576.00
164.0	0.00	0.0	432.7	432.7	0.00	576.00
168.0	0.00	0.0	432.7	432.7	0.00	576.00
172.0	0.00	0.0	432.7	432.7	0.00	576.00
176.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL115.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
180.0	0.00	0.0	432.7	432.7	0.00	576.00
184.0	0.00	0.0	432.7	432.7	0.00	576.00
188.0	0.00	0.0	432.7	432.7	0.00	576.00
192.0	0.00	0.0	432.7	432.7	0.00	576.00
196.0	0.00	0.0	432.7	432.7	0.00	576.00
200.0	0.00	0.0	432.7	432.7	0.00	576.00
204.0	0.00	0.0	432.7	432.7	0.00	576.00
208.0	0.00	0.0	432.7	432.7	0.00	576.00
212.0	0.00	0.0	432.7	432.7	0.00	576.00
216.0	0.00	0.0	432.7	432.7	0.00	576.00
220.0	0.00	0.0	432.7	432.7	0.00	576.00
224.0	0.00	0.0	432.7	432.7	0.00	576.00
228.0	0.00	0.0	432.7	432.7	0.00	576.00
232.0	0.00	0.0	432.7	432.7	0.00	576.00
236.0	0.00	0.0	432.7	432.7	0.00	576.00
240.0	0.00	0.0	432.7	432.7	0.00	576.00
244.0	0.00	0.0	432.7	432.7	0.00	576.00
248.0	0.00	0.0	432.7	432.7	0.00	576.00
252.0	0.00	0.0	432.7	432.7	0.00	576.00
256.0	0.00	0.0	432.7	432.7	0.00	576.00
260.0	0.00	0.0	432.7	432.7	0.00	576.00
264.0	0.00	0.0	432.7	432.7	0.00	576.00
268.0	0.00	0.0	432.7	432.7	0.00	576.00
272.0	0.00	0.0	432.7	432.7	0.00	576.00
276.0	0.00	0.0	432.7	432.7	0.00	576.00
280.0	0.00	0.0	432.7	432.7	0.00	576.00
284.0	0.00	0.0	432.7	432.7	0.00	576.00
288.0	0.00	0.0	432.7	432.7	0.00	576.00
292.0	0.00	0.0	432.7	432.7	0.00	576.00
296.0	0.00	0.0	432.7	432.7	0.00	576.00
300.0	0.00	0.0	432.7	432.7	0.00	576.00
304.0	0.00	0.0	432.7	432.7	0.00	576.00
308.0	0.00	0.0	432.7	432.7	0.00	576.00
312.0	0.00	0.0	432.7	432.7	0.00	576.00
316.0	0.00	0.0	432.7	432.7	0.00	576.00
320.0	0.00	0.0	432.7	432.7	0.00	576.00
324.0	0.00	0.0	432.7	432.7	0.00	576.00
328.0	0.00	0.0	432.7	432.7	0.00	576.00
332.0	0.00	0.0	432.7	432.7	0.00	576.00
336.0	0.00	0.0	432.7	432.7	0.00	576.00
340.0	0.00	0.0	432.7	432.7	0.00	576.00
344.0	0.00	0.0	432.7	432.7	0.00	576.00
348.0	0.00	0.0	432.7	432.7	0.00	576.00
352.0	0.00	0.0	432.7	432.7	0.00	576.00
356.0	0.00	0.0	432.7	432.7	0.00	576.00
360.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15EASN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL115 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
364.0	0.00	0.0	432.7	432.7	0.00	576.00
368.0	0.00	0.0	432.7	432.7	0.00	576.00
372.0	0.00	0.0	432.7	432.7	0.00	576.00
376.0	0.00	0.0	432.7	432.7	0.00	576.00
380.0	0.00	0.0	432.7	432.7	0.00	576.00
384.0	0.00	0.0	432.7	432.7	0.00	576.00
388.0	0.00	0.0	432.7	432.7	0.00	576.00
392.0	0.00	0.0	432.7	432.7	0.00	576.00
396.0	0.00	0.0	432.7	432.7	0.00	576.00
400.0	0.00	0.0	432.7	432.7	0.00	576.00
404.0	0.00	0.0	432.7	432.7	0.00	576.00
408.0	0.00	0.0	432.7	432.7	0.00	576.00
412.0	0.00	0.0	432.7	432.7	0.00	576.00
416.0	0.00	0.0	432.7	432.7	0.00	576.00
420.0	0.00	0.0	432.7	432.7	0.00	576.00
424.0	0.00	0.0	432.7	432.7	0.00	576.00
428.0	0.00	0.0	432.7	432.7	0.00	576.00
432.0	0.00	0.0	432.7	432.7	0.00	576.00
436.0	0.00	0.0	432.7	432.7	0.00	576.00
440.0	0.00	0.0	432.7	432.7	0.00	576.00
444.0	0.00	0.0	432.7	432.7	0.00	576.00
448.0	0.00	0.0	432.7	432.7	0.00	576.00
452.0	0.00	0.0	432.7	432.7	0.00	576.00
456.0	0.00	0.0	432.7	432.7	0.00	576.00
460.0	0.00	0.0	432.7	432.7	0.00	576.00
464.0	0.00	0.0	432.7	432.7	0.00	576.00
468.0	0.00	0.0	432.7	432.7	0.00	576.00
472.0	0.00	0.0	432.7	432.7	0.00	576.00
476.0	0.00	0.0	432.7	432.7	0.00	576.00
480.0	0.00	0.0	432.7	432.7	0.00	576.00
484.0	0.00	0.0	432.7	432.7	0.00	576.00
488.0	0.00	0.0	432.7	432.7	0.00	576.00
492.0	0.00	0.0	432.7	432.7	0.00	576.00
496.0	0.00	0.0	432.7	432.7	0.00	576.00
500.0	0.00	0.0	432.7	432.7	0.00	576.00
504.0	0.00	0.0	432.7	432.7	0.00	576.00
508.0	0.00	0.0	432.7	432.7	0.00	576.00
512.0	0.00	0.0	432.7	432.7	0.00	576.00
516.0	0.00	0.0	432.7	432.7	0.00	576.00
520.0	0.00	0.0	432.7	432.7	0.00	576.00
524.0	0.00	0.0	432.7	432.7	0.00	576.00
528.0	0.00	0.0	432.7	432.7	0.00	576.00
532.0	0.00	0.0	432.7	432.7	0.00	576.00
536.0	0.00	0.0	432.7	432.7	0.00	576.00
540.0	0.00	0.0	432.7	432.7	0.00	576.00
544.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL115.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
548.0	0.00	0.0	432.7	432.7	0.00	576.00
552.0	0.00	0.0	432.7	432.7	0.00	576.00
556.0	0.00	0.0	432.7	432.7	0.00	576.00
560.0	0.00	0.0	432.7	432.7	0.00	576.00
564.0	0.00	0.0	432.7	432.7	0.00	576.00
568.0	0.00	0.0	432.7	432.7	0.00	576.00
572.0	0.00	0.0	432.7	432.7	0.00	576.00
576.0	0.00	0.0	432.7	432.7	0.00	576.00
580.0	0.00	0.0	432.7	432.7	0.00	576.00
584.0	0.00	0.0	432.7	432.7	0.00	576.00
588.0	0.00	0.0	432.7	432.7	0.00	576.00
592.0	0.00	0.0	432.7	432.7	0.00	576.00
596.0	0.00	0.0	432.7	432.7	0.00	576.00
600.0	0.00	0.0	432.7	432.7	0.00	576.00
604.0	0.00	0.0	432.7	432.7	0.00	576.00
608.0	0.00	0.0	432.7	432.7	0.00	576.00
612.0	0.00	0.0	432.7	432.7	0.00	576.00
616.0	0.00	0.0	432.7	432.7	0.00	576.00
620.0	0.00	0.0	432.7	432.7	0.00	576.00
624.0	0.00	0.0	432.7	432.7	0.00	576.00
628.0	0.00	0.0	432.7	432.7	0.00	576.00
632.0	0.00	0.0	432.7	432.7	0.00	576.00
636.0	0.00	0.0	432.7	432.7	0.00	576.00
640.0	0.00	0.0	432.7	432.7	0.00	576.00
644.0	0.00	0.0	432.7	432.7	0.00	576.00
648.0	0.00	0.0	432.7	432.7	0.00	576.00
652.0	0.00	0.0	432.7	432.7	0.00	576.00
656.0	0.00	0.0	432.7	432.7	0.00	576.00
660.0	0.00	0.0	432.7	432.7	0.00	576.00
664.0	0.00	0.0	432.7	432.7	0.00	576.00
668.0	0.00	0.0	432.7	432.7	0.00	576.00
672.0	0.00	0.0	432.7	432.7	0.00	576.00
676.0	0.00	0.0	432.7	432.7	0.00	576.00
680.0	0.00	0.0	432.7	432.7	0.00	576.00
684.0	0.00	0.0	432.7	432.7	0.00	576.00
688.0	0.00	0.0	432.7	432.7	0.00	576.00
692.0	0.00	0.0	432.7	432.7	0.00	576.00
696.0	0.00	0.0	432.7	432.7	0.00	576.00
700.0	0.00	0.0	432.7	432.7	0.00	576.00
704.0	0.00	0.0	432.7	432.7	0.00	576.00
708.0	0.00	0.0	432.7	432.7	0.00	576.00
712.0	0.00	0.0	432.7	432.7	0.00	576.00
716.0	0.00	0.0	432.7	432.7	0.00	576.00
720.0	0.00	0.0	432.7	432.7	0.00	576.00
724.0	0.00	0.0	432.7	432.7	0.00	576.00
728.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL115.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
732.0	0.00	0.0	432.7	432.7	0.00	576.00
736.0	0.00	0.0	432.7	432.7	0.00	576.00
740.0	0.00	0.0	432.7	432.7	0.00	576.00
744.0	0.00	0.0	432.7	432.7	0.00	576.00
748.0	0.00	0.0	432.7	432.7	0.00	576.00
752.0	0.00	0.0	432.7	432.7	0.00	576.00
756.0	0.00	0.0	432.7	432.7	0.00	576.00
760.0	0.00	0.0	432.7	432.7	0.00	576.00
764.0	0.00	0.0	432.7	432.7	0.00	576.00
768.0	0.00	0.0	432.7	432.7	0.00	576.00
772.0	0.00	0.0	432.7	432.7	0.00	576.00
776.0	0.00	0.0	432.7	432.7	0.00	576.00
780.0	0.00	0.0	432.7	432.7	0.00	576.00
784.0	0.00	0.0	432.7	432.7	0.00	576.00
788.0	0.00	0.0	432.7	432.7	0.00	576.00
792.0	0.00	0.0	432.7	432.7	0.00	576.00
796.0	0.00	0.0	432.7	432.7	0.00	576.00
800.0	0.00	0.0	432.7	432.7	0.00	576.00
804.0	0.00	0.0	432.7	432.7	0.00	576.00
808.0	0.00	0.0	432.7	432.7	0.00	576.00
812.0	0.00	0.0	432.7	432.7	0.00	576.00
816.0	0.00	0.0	432.7	432.7	0.00	576.00
820.0	0.00	0.0	432.7	432.7	0.00	576.00
824.0	0.00	0.0	432.7	432.7	0.00	576.00
828.0	0.00	0.0	432.7	432.7	0.00	576.00
832.0	0.00	0.0	432.7	432.7	0.00	576.00
836.0	0.00	0.0	432.7	432.7	0.00	576.00
840.0	0.00	0.0	432.7	432.7	0.00	576.00
844.0	0.00	0.0	432.7	432.7	0.00	576.00
848.0	0.00	0.0	432.7	432.7	0.00	576.00
852.0	0.00	0.0	432.7	432.7	0.00	576.00
856.0	0.00	0.0	432.7	432.7	0.00	576.00
860.0	0.00	0.0	432.7	432.7	0.00	576.00
864.0	0.00	0.0	432.7	432.7	0.00	576.00
868.0	0.00	0.0	432.7	432.7	0.00	576.00
872.0	0.00	0.0	432.7	432.7	0.00	576.00
876.0	0.00	0.0	432.7	432.7	0.00	576.00
880.0	0.00	0.0	432.7	432.7	0.00	576.00
884.0	0.00	0.0	432.7	432.7	0.00	576.00
888.0	0.00	0.0	432.7	432.7	0.00	576.00
892.0	0.00	0.0	432.7	432.7	0.00	576.00
896.0	0.00	0.0	432.7	432.7	0.00	576.00
900.0	0.00	0.0	432.7	432.7	0.00	576.00
904.0	0.00	0.0	432.7	432.7	0.00	576.00
908.0	0.00	0.0	432.7	432.7	0.00	576.00
912.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL115.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
916.0	0.00	0.0	432.7	432.7	0.00	576.00
920.0	0.00	0.0	432.7	432.7	0.00	576.00
924.0	0.00	0.0	432.7	432.7	0.00	576.00
928.0	0.00	0.0	432.7	432.7	0.00	576.00
932.0	0.00	0.0	432.7	432.7	0.00	576.00
936.0	0.00	0.0	432.7	432.7	0.00	576.00
940.0	0.00	0.0	432.7	432.7	0.00	576.00
944.0	0.00	0.0	432.7	432.7	0.00	576.00
948.0	0.00	0.0	432.7	432.7	0.00	576.00
952.0	0.00	0.0	432.7	432.7	0.00	576.00
956.0	0.00	0.0	432.7	432.7	0.00	576.00
960.0	0.00	0.0	432.7	432.7	0.00	576.00
964.0	0.00	0.0	432.7	432.7	0.00	576.00
968.0	0.00	0.0	432.7	432.7	0.00	576.00
972.0	0.00	0.0	432.7	432.7	0.00	576.00
976.0	0.00	0.0	432.7	432.7	0.00	576.00
980.0	0.00	0.0	432.7	432.7	0.00	576.00
984.0	0.00	0.0	432.7	432.7	0.00	576.00
988.0	0.00	0.0	432.7	432.7	0.00	576.00
992.0	0.00	0.0	432.7	432.7	0.00	576.00
996.0	0.00	0.0	432.7	432.7	0.00	576.00
1000.0	0.00	0.0	432.7	432.7	0.00	576.00
1004.0	0.00	0.0	432.7	432.7	0.00	576.00
1008.0	0.00	0.0	432.7	432.7	0.00	576.00
1012.0	0.00	0.0	432.7	432.7	0.00	576.00
1016.0	0.00	0.0	432.7	432.7	0.00	576.00
1020.0	0.00	0.0	432.7	432.7	0.00	576.00
1024.0	0.00	0.0	432.7	432.7	0.00	576.00
1028.0	0.00	0.0	432.7	432.7	0.00	576.00
1032.0	0.00	0.0	432.7	432.7	0.00	576.00
1036.0	0.00	0.0	432.7	432.7	0.00	576.00
1040.0	0.00	0.0	432.7	432.7	0.00	576.00
1044.0	0.00	0.0	432.7	432.7	0.00	576.00
1048.0	0.00	0.0	432.7	432.7	0.00	576.00
1052.0	0.00	0.0	432.7	432.7	0.00	576.00
1056.0	0.00	0.0	432.7	432.7	0.00	576.00
1060.0	0.00	0.0	432.7	432.7	0.00	576.00
1064.0	0.00	0.0	432.7	432.7	0.00	576.00
1068.0	0.00	0.0	432.7	432.7	0.00	576.00
1072.0	0.00	0.0	432.7	432.7	0.00	576.00
1076.0	0.00	0.0	432.7	432.7	0.00	576.00
1080.0	0.00	0.0	432.7	432.7	0.00	576.00
1084.0	0.00	0.0	432.7	432.7	0.00	576.00
1088.0	0.00	0.0	432.7	432.7	0.00	576.00
1092.0	0.00	0.0	432.7	432.7	0.00	576.00
1096.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN1 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL15 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
1100.0	0.00	0.0	432.7	432.7	0.00	576.00
1104.0	0.00	0.0	432.7	432.7	0.00	576.00
1108.0	0.00	0.0	432.7	432.7	0.00	576.00
1112.0	0.00	0.0	432.7	432.7	0.00	576.00
1116.0	0.00	0.0	432.7	432.7	0.00	576.00
1120.0	0.00	0.0	432.7	432.7	0.00	576.00
1124.0	0.00	0.0	432.7	432.7	0.00	576.00
1128.0	0.00	0.0	432.7	432.7	0.00	576.00
1132.0	0.00	0.0	432.7	432.7	0.00	576.00
1136.0	0.00	0.0	432.7	432.7	0.00	576.00
1140.0	0.00	0.0	432.7	432.7	0.00	576.00
1144.0	0.00	0.0	432.7	432.7	0.00	576.00
1148.0	0.00	0.0	432.7	432.7	0.00	576.00
1152.0	0.00	0.0	432.7	432.7	0.00	576.00
1156.0	0.00	0.0	432.7	432.7	0.00	576.00
1160.0	0.00	0.0	432.7	432.7	0.00	576.00
1164.0	0.00	0.0	432.7	432.7	0.00	576.00
1168.0	0.00	0.0	432.7	432.7	0.00	576.00
1172.0	0.00	0.0	432.7	432.7	0.00	576.00
1176.0	0.00	0.0	432.7	432.7	0.00	576.00
1180.0	0.00	0.0	432.7	432.7	0.00	576.00
1184.0	0.00	0.0	432.7	432.7	0.00	576.00
1188.0	0.00	0.0	432.7	432.7	0.00	576.00
1192.0	0.00	0.0	432.7	432.7	0.00	576.00
1196.0	0.00	0.0	432.7	432.7	0.00	576.00
1200.0	0.00	0.0	432.7	432.7	0.00	576.00
1204.0	0.00	0.0	432.7	432.7	0.00	576.00
1208.0	0.00	0.0	432.7	432.7	0.00	576.00
1212.0	0.00	0.0	432.7	432.7	0.00	576.00

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN1BL.PND
Inflow Hydrograph: j:\DATA\0306147\15BASN1 .HYD
Outflow Hydrograph: j:\DATA\0306147\BABL115 .HYD

Starting Pond W.S. Elevation = 576.00 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow	=	43.22 cfs
Peak Outflow	=	43.09 cfs
Peak Elevation	=	576.77 ft

***** Summary of Approximate Peak Storage *****

Initial Storage	=	51,920 cu-ft
Peak Storage From Storm	=	11,349 cu-ft

Total Storage in Pond	=	63,269 cu-ft

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*****
*
*           FOX HAVEN           *
*   DETENTION ANALYSIS       *
*   DETENTION BASIN #1      *
*   BLOCKED LOW FLOW        *
*
*****
    
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Inflow Hydrograph: j:\DATA\0306147\25BASN1 .HYD
 Rating Table file: j:\DATA\0306147\BASIN1BL.PND

----INITIAL CONDITIONS----
 Elevation = 576.00 ft
 Outflow = 0.00 cfs
 Storage = 51,920 cu-ft

GIVEN POND DATA			INTERMEDIATE ROUTING COMPUTATIONS	
ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
576.00	0.0	51,920	432.7	432.7
576.20	5.7	54,777	456.5	462.2
576.40	16.1	57,700	480.8	496.9
576.60	29.6	60,690	505.7	535.3
576.80	45.6	63,749	531.2	576.8
577.00	65.8	66,877	557.3	623.1
577.20	77.9	70,075	584.0	661.9
577.40	88.3	73,344	611.2	699.5
577.60	97.6	76,683	639.0	736.6
577.80	106.1	80,096	667.5	773.6
578.00	114.0	83,581	696.5	810.5

Time increment (t) = 4.0 min.

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL125.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	432.7	432.7	0.00	576.00
4.0	53.37	53.4	460.4	486.0	12.84	576.34
8.0	53.37	106.7	483.4	567.1	41.84	576.75
12.0	53.37	106.7	487.3	590.1	51.41	576.86
16.0	53.37	106.7	487.8	594.1	53.12	576.87
20.0	53.37	106.7	487.9	594.6	53.34	576.88
24.0	0.00	53.4	477.5	541.3	31.88	576.63
28.0	0.00	0.0	456.9	477.5	10.29	576.29
32.0	0.00	0.0	447.6	456.9	4.69	576.16
36.0	0.00	0.0	441.8	447.6	2.88	576.10
40.0	0.00	0.0	438.3	441.8	1.76	576.06
44.0	0.00	0.0	436.1	438.3	1.08	576.04
48.0	0.00	0.0	434.8	436.1	0.66	576.02
52.0	0.00	0.0	434.0	434.8	0.41	576.01
56.0	0.00	0.0	433.5	434.0	0.25	576.01
60.0	0.00	0.0	433.2	433.5	0.15	576.01
64.0	0.00	0.0	433.0	433.2	0.09	576.00
68.0	0.00	0.0	432.9	433.0	0.06	576.00
72.0	0.00	0.0	432.8	432.9	0.04	576.00
76.0	0.00	0.0	432.7	432.8	0.02	576.00
80.0	0.00	0.0	432.7	432.7	0.01	576.00
84.0	0.00	0.0	432.7	432.7	0.01	576.00
88.0	0.00	0.0	432.7	432.7	0.01	576.00
92.0	0.00	0.0	432.7	432.7	0.00	576.00
96.0	0.00	0.0	432.7	432.7	0.00	576.00
100.0	0.00	0.0	432.7	432.7	0.00	576.00
104.0	0.00	0.0	432.7	432.7	0.00	576.00
108.0	0.00	0.0	432.7	432.7	0.00	576.00
112.0	0.00	0.0	432.7	432.7	0.00	576.00
116.0	0.00	0.0	432.7	432.7	0.00	576.00
120.0	0.00	0.0	432.7	432.7	0.00	576.00
124.0	0.00	0.0	432.7	432.7	0.00	576.00
128.0	0.00	0.0	432.7	432.7	0.00	576.00
132.0	0.00	0.0	432.7	432.7	0.00	576.00
136.0	0.00	0.0	432.7	432.7	0.00	576.00
140.0	0.00	0.0	432.7	432.7	0.00	576.00
144.0	0.00	0.0	432.7	432.7	0.00	576.00
148.0	0.00	0.0	432.7	432.7	0.00	576.00
152.0	0.00	0.0	432.7	432.7	0.00	576.00
156.0	0.00	0.0	432.7	432.7	0.00	576.00
160.0	0.00	0.0	432.7	432.7	0.00	576.00
164.0	0.00	0.0	432.7	432.7	0.00	576.00
168.0	0.00	0.0	432.7	432.7	0.00	576.00
172.0	0.00	0.0	432.7	432.7	0.00	576.00
176.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL125.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
180.0	0.00	0.0	432.7	432.7	0.00	576.00
184.0	0.00	0.0	432.7	432.7	0.00	576.00
188.0	0.00	0.0	432.7	432.7	0.00	576.00
192.0	0.00	0.0	432.7	432.7	0.00	576.00
196.0	0.00	0.0	432.7	432.7	0.00	576.00
200.0	0.00	0.0	432.7	432.7	0.00	576.00
204.0	0.00	0.0	432.7	432.7	0.00	576.00
208.0	0.00	0.0	432.7	432.7	0.00	576.00
212.0	0.00	0.0	432.7	432.7	0.00	576.00
216.0	0.00	0.0	432.7	432.7	0.00	576.00
220.0	0.00	0.0	432.7	432.7	0.00	576.00
224.0	0.00	0.0	432.7	432.7	0.00	576.00
228.0	0.00	0.0	432.7	432.7	0.00	576.00
232.0	0.00	0.0	432.7	432.7	0.00	576.00
236.0	0.00	0.0	432.7	432.7	0.00	576.00
240.0	0.00	0.0	432.7	432.7	0.00	576.00
244.0	0.00	0.0	432.7	432.7	0.00	576.00
248.0	0.00	0.0	432.7	432.7	0.00	576.00
252.0	0.00	0.0	432.7	432.7	0.00	576.00
256.0	0.00	0.0	432.7	432.7	0.00	576.00
260.0	0.00	0.0	432.7	432.7	0.00	576.00
264.0	0.00	0.0	432.7	432.7	0.00	576.00
268.0	0.00	0.0	432.7	432.7	0.00	576.00
272.0	0.00	0.0	432.7	432.7	0.00	576.00
276.0	0.00	0.0	432.7	432.7	0.00	576.00
280.0	0.00	0.0	432.7	432.7	0.00	576.00
284.0	0.00	0.0	432.7	432.7	0.00	576.00
288.0	0.00	0.0	432.7	432.7	0.00	576.00
292.0	0.00	0.0	432.7	432.7	0.00	576.00
296.0	0.00	0.0	432.7	432.7	0.00	576.00
300.0	0.00	0.0	432.7	432.7	0.00	576.00
304.0	0.00	0.0	432.7	432.7	0.00	576.00
308.0	0.00	0.0	432.7	432.7	0.00	576.00
312.0	0.00	0.0	432.7	432.7	0.00	576.00
316.0	0.00	0.0	432.7	432.7	0.00	576.00
320.0	0.00	0.0	432.7	432.7	0.00	576.00
324.0	0.00	0.0	432.7	432.7	0.00	576.00
328.0	0.00	0.0	432.7	432.7	0.00	576.00
332.0	0.00	0.0	432.7	432.7	0.00	576.00
336.0	0.00	0.0	432.7	432.7	0.00	576.00
340.0	0.00	0.0	432.7	432.7	0.00	576.00
344.0	0.00	0.0	432.7	432.7	0.00	576.00
348.0	0.00	0.0	432.7	432.7	0.00	576.00
352.0	0.00	0.0	432.7	432.7	0.00	576.00
356.0	0.00	0.0	432.7	432.7	0.00	576.00
360.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL125.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
364.0	0.00	0.0	432.7	432.7	0.00	576.00
368.0	0.00	0.0	432.7	432.7	0.00	576.00
372.0	0.00	0.0	432.7	432.7	0.00	576.00
376.0	0.00	0.0	432.7	432.7	0.00	576.00
380.0	0.00	0.0	432.7	432.7	0.00	576.00
384.0	0.00	0.0	432.7	432.7	0.00	576.00
388.0	0.00	0.0	432.7	432.7	0.00	576.00
392.0	0.00	0.0	432.7	432.7	0.00	576.00
396.0	0.00	0.0	432.7	432.7	0.00	576.00
400.0	0.00	0.0	432.7	432.7	0.00	576.00
404.0	0.00	0.0	432.7	432.7	0.00	576.00
408.0	0.00	0.0	432.7	432.7	0.00	576.00
412.0	0.00	0.0	432.7	432.7	0.00	576.00
416.0	0.00	0.0	432.7	432.7	0.00	576.00
420.0	0.00	0.0	432.7	432.7	0.00	576.00
424.0	0.00	0.0	432.7	432.7	0.00	576.00
428.0	0.00	0.0	432.7	432.7	0.00	576.00
432.0	0.00	0.0	432.7	432.7	0.00	576.00
436.0	0.00	0.0	432.7	432.7	0.00	576.00
440.0	0.00	0.0	432.7	432.7	0.00	576.00
444.0	0.00	0.0	432.7	432.7	0.00	576.00
448.0	0.00	0.0	432.7	432.7	0.00	576.00
452.0	0.00	0.0	432.7	432.7	0.00	576.00
456.0	0.00	0.0	432.7	432.7	0.00	576.00
460.0	0.00	0.0	432.7	432.7	0.00	576.00
464.0	0.00	0.0	432.7	432.7	0.00	576.00
468.0	0.00	0.0	432.7	432.7	0.00	576.00
472.0	0.00	0.0	432.7	432.7	0.00	576.00
476.0	0.00	0.0	432.7	432.7	0.00	576.00
480.0	0.00	0.0	432.7	432.7	0.00	576.00
484.0	0.00	0.0	432.7	432.7	0.00	576.00
488.0	0.00	0.0	432.7	432.7	0.00	576.00
492.0	0.00	0.0	432.7	432.7	0.00	576.00
496.0	0.00	0.0	432.7	432.7	0.00	576.00
500.0	0.00	0.0	432.7	432.7	0.00	576.00
504.0	0.00	0.0	432.7	432.7	0.00	576.00
508.0	0.00	0.0	432.7	432.7	0.00	576.00
512.0	0.00	0.0	432.7	432.7	0.00	576.00
516.0	0.00	0.0	432.7	432.7	0.00	576.00
520.0	0.00	0.0	432.7	432.7	0.00	576.00
524.0	0.00	0.0	432.7	432.7	0.00	576.00
528.0	0.00	0.0	432.7	432.7	0.00	576.00
532.0	0.00	0.0	432.7	432.7	0.00	576.00
536.0	0.00	0.0	432.7	432.7	0.00	576.00
540.0	0.00	0.0	432.7	432.7	0.00	576.00
544.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL125.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
548.0	0.00	0.0	432.7	432.7	0.00	576.00
552.0	0.00	0.0	432.7	432.7	0.00	576.00
556.0	0.00	0.0	432.7	432.7	0.00	576.00
560.0	0.00	0.0	432.7	432.7	0.00	576.00
564.0	0.00	0.0	432.7	432.7	0.00	576.00
568.0	0.00	0.0	432.7	432.7	0.00	576.00
572.0	0.00	0.0	432.7	432.7	0.00	576.00
576.0	0.00	0.0	432.7	432.7	0.00	576.00
580.0	0.00	0.0	432.7	432.7	0.00	576.00
584.0	0.00	0.0	432.7	432.7	0.00	576.00
588.0	0.00	0.0	432.7	432.7	0.00	576.00
592.0	0.00	0.0	432.7	432.7	0.00	576.00
596.0	0.00	0.0	432.7	432.7	0.00	576.00
600.0	0.00	0.0	432.7	432.7	0.00	576.00
604.0	0.00	0.0	432.7	432.7	0.00	576.00
608.0	0.00	0.0	432.7	432.7	0.00	576.00
612.0	0.00	0.0	432.7	432.7	0.00	576.00
616.0	0.00	0.0	432.7	432.7	0.00	576.00
620.0	0.00	0.0	432.7	432.7	0.00	576.00
624.0	0.00	0.0	432.7	432.7	0.00	576.00
628.0	0.00	0.0	432.7	432.7	0.00	576.00
632.0	0.00	0.0	432.7	432.7	0.00	576.00
636.0	0.00	0.0	432.7	432.7	0.00	576.00
640.0	0.00	0.0	432.7	432.7	0.00	576.00
644.0	0.00	0.0	432.7	432.7	0.00	576.00
648.0	0.00	0.0	432.7	432.7	0.00	576.00
652.0	0.00	0.0	432.7	432.7	0.00	576.00
656.0	0.00	0.0	432.7	432.7	0.00	576.00
660.0	0.00	0.0	432.7	432.7	0.00	576.00
664.0	0.00	0.0	432.7	432.7	0.00	576.00
668.0	0.00	0.0	432.7	432.7	0.00	576.00
672.0	0.00	0.0	432.7	432.7	0.00	576.00
676.0	0.00	0.0	432.7	432.7	0.00	576.00
680.0	0.00	0.0	432.7	432.7	0.00	576.00
684.0	0.00	0.0	432.7	432.7	0.00	576.00
688.0	0.00	0.0	432.7	432.7	0.00	576.00
692.0	0.00	0.0	432.7	432.7	0.00	576.00
696.0	0.00	0.0	432.7	432.7	0.00	576.00
700.0	0.00	0.0	432.7	432.7	0.00	576.00
704.0	0.00	0.0	432.7	432.7	0.00	576.00
708.0	0.00	0.0	432.7	432.7	0.00	576.00
712.0	0.00	0.0	432.7	432.7	0.00	576.00
716.0	0.00	0.0	432.7	432.7	0.00	576.00
720.0	0.00	0.0	432.7	432.7	0.00	576.00
724.0	0.00	0.0	432.7	432.7	0.00	576.00
728.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL125.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
732.0	0.00	0.0	432.7	432.7	0.00	576.00
736.0	0.00	0.0	432.7	432.7	0.00	576.00
740.0	0.00	0.0	432.7	432.7	0.00	576.00
744.0	0.00	0.0	432.7	432.7	0.00	576.00
748.0	0.00	0.0	432.7	432.7	0.00	576.00
752.0	0.00	0.0	432.7	432.7	0.00	576.00
756.0	0.00	0.0	432.7	432.7	0.00	576.00
760.0	0.00	0.0	432.7	432.7	0.00	576.00
764.0	0.00	0.0	432.7	432.7	0.00	576.00
768.0	0.00	0.0	432.7	432.7	0.00	576.00
772.0	0.00	0.0	432.7	432.7	0.00	576.00
776.0	0.00	0.0	432.7	432.7	0.00	576.00
780.0	0.00	0.0	432.7	432.7	0.00	576.00
784.0	0.00	0.0	432.7	432.7	0.00	576.00
788.0	0.00	0.0	432.7	432.7	0.00	576.00
792.0	0.00	0.0	432.7	432.7	0.00	576.00
796.0	0.00	0.0	432.7	432.7	0.00	576.00
800.0	0.00	0.0	432.7	432.7	0.00	576.00
304.0	0.00	0.0	432.7	432.7	0.00	576.00
808.0	0.00	0.0	432.7	432.7	0.00	576.00
812.0	0.00	0.0	432.7	432.7	0.00	576.00
816.0	0.00	0.0	432.7	432.7	0.00	576.00
820.0	0.00	0.0	432.7	432.7	0.00	576.00
824.0	0.00	0.0	432.7	432.7	0.00	576.00
828.0	0.00	0.0	432.7	432.7	0.00	576.00
832.0	0.00	0.0	432.7	432.7	0.00	576.00
836.0	0.00	0.0	432.7	432.7	0.00	576.00
840.0	0.00	0.0	432.7	432.7	0.00	576.00
844.0	0.00	0.0	432.7	432.7	0.00	576.00
848.0	0.00	0.0	432.7	432.7	0.00	576.00
852.0	0.00	0.0	432.7	432.7	0.00	576.00
856.0	0.00	0.0	432.7	432.7	0.00	576.00
860.0	0.00	0.0	432.7	432.7	0.00	576.00
864.0	0.00	0.0	432.7	432.7	0.00	576.00
868.0	0.00	0.0	432.7	432.7	0.00	576.00
872.0	0.00	0.0	432.7	432.7	0.00	576.00
876.0	0.00	0.0	432.7	432.7	0.00	576.00
880.0	0.00	0.0	432.7	432.7	0.00	576.00
884.0	0.00	0.0	432.7	432.7	0.00	576.00
888.0	0.00	0.0	432.7	432.7	0.00	576.00
892.0	0.00	0.0	432.7	432.7	0.00	576.00
896.0	0.00	0.0	432.7	432.7	0.00	576.00
900.0	0.00	0.0	432.7	432.7	0.00	576.00
904.0	0.00	0.0	432.7	432.7	0.00	576.00
908.0	0.00	0.0	432.7	432.7	0.00	576.00
912.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL125.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
916.0	0.00	0.0	432.7	432.7	0.00	576.00
920.0	0.00	0.0	432.7	432.7	0.00	576.00
924.0	0.00	0.0	432.7	432.7	0.00	576.00
928.0	0.00	0.0	432.7	432.7	0.00	576.00
932.0	0.00	0.0	432.7	432.7	0.00	576.00
936.0	0.00	0.0	432.7	432.7	0.00	576.00
940.0	0.00	0.0	432.7	432.7	0.00	576.00
944.0	0.00	0.0	432.7	432.7	0.00	576.00
948.0	0.00	0.0	432.7	432.7	0.00	576.00
952.0	0.00	0.0	432.7	432.7	0.00	576.00
956.0	0.00	0.0	432.7	432.7	0.00	576.00
960.0	0.00	0.0	432.7	432.7	0.00	576.00
964.0	0.00	0.0	432.7	432.7	0.00	576.00
968.0	0.00	0.0	432.7	432.7	0.00	576.00
972.0	0.00	0.0	432.7	432.7	0.00	576.00
976.0	0.00	0.0	432.7	432.7	0.00	576.00
980.0	0.00	0.0	432.7	432.7	0.00	576.00
984.0	0.00	0.0	432.7	432.7	0.00	576.00
988.0	0.00	0.0	432.7	432.7	0.00	576.00
992.0	0.00	0.0	432.7	432.7	0.00	576.00
996.0	0.00	0.0	432.7	432.7	0.00	576.00
1000.0	0.00	0.0	432.7	432.7	0.00	576.00
1004.0	0.00	0.0	432.7	432.7	0.00	576.00
1008.0	0.00	0.0	432.7	432.7	0.00	576.00
1012.0	0.00	0.0	432.7	432.7	0.00	576.00
1016.0	0.00	0.0	432.7	432.7	0.00	576.00
1020.0	0.00	0.0	432.7	432.7	0.00	576.00
1024.0	0.00	0.0	432.7	432.7	0.00	576.00
1028.0	0.00	0.0	432.7	432.7	0.00	576.00
1032.0	0.00	0.0	432.7	432.7	0.00	576.00
1036.0	0.00	0.0	432.7	432.7	0.00	576.00
1040.0	0.00	0.0	432.7	432.7	0.00	576.00
1044.0	0.00	0.0	432.7	432.7	0.00	576.00
1048.0	0.00	0.0	432.7	432.7	0.00	576.00
1052.0	0.00	0.0	432.7	432.7	0.00	576.00
1056.0	0.00	0.0	432.7	432.7	0.00	576.00
1060.0	0.00	0.0	432.7	432.7	0.00	576.00
1064.0	0.00	0.0	432.7	432.7	0.00	576.00
1068.0	0.00	0.0	432.7	432.7	0.00	576.00
1072.0	0.00	0.0	432.7	432.7	0.00	576.00
1076.0	0.00	0.0	432.7	432.7	0.00	576.00
1080.0	0.00	0.0	432.7	432.7	0.00	576.00
1084.0	0.00	0.0	432.7	432.7	0.00	576.00
1088.0	0.00	0.0	432.7	432.7	0.00	576.00
1092.0	0.00	0.0	432.7	432.7	0.00	576.00
1096.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL125.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
1100.0	0.00	0.0	432.7	432.7	0.00	576.00
1104.0	0.00	0.0	432.7	432.7	0.00	576.00
1108.0	0.00	0.0	432.7	432.7	0.00	576.00
1112.0	0.00	0.0	432.7	432.7	0.00	576.00
1116.0	0.00	0.0	432.7	432.7	0.00	576.00
1120.0	0.00	0.0	432.7	432.7	0.00	576.00
1124.0	0.00	0.0	432.7	432.7	0.00	576.00
1128.0	0.00	0.0	432.7	432.7	0.00	576.00
1132.0	0.00	0.0	432.7	432.7	0.00	576.00
1136.0	0.00	0.0	432.7	432.7	0.00	576.00
1140.0	0.00	0.0	432.7	432.7	0.00	576.00
1144.0	0.00	0.0	432.7	432.7	0.00	576.00
1148.0	0.00	0.0	432.7	432.7	0.00	576.00
1152.0	0.00	0.0	432.7	432.7	0.00	576.00
1156.0	0.00	0.0	432.7	432.7	0.00	576.00
1160.0	0.00	0.0	432.7	432.7	0.00	576.00
1164.0	0.00	0.0	432.7	432.7	0.00	576.00
1168.0	0.00	0.0	432.7	432.7	0.00	576.00
1172.0	0.00	0.0	432.7	432.7	0.00	576.00
1176.0	0.00	0.0	432.7	432.7	0.00	576.00
1180.0	0.00	0.0	432.7	432.7	0.00	576.00
1184.0	0.00	0.0	432.7	432.7	0.00	576.00
1188.0	0.00	0.0	432.7	432.7	0.00	576.00
1192.0	0.00	0.0	432.7	432.7	0.00	576.00
1196.0	0.00	0.0	432.7	432.7	0.00	576.00
1200.0	0.00	0.0	432.7	432.7	0.00	576.00
1204.0	0.00	0.0	432.7	432.7	0.00	576.00
1208.0	0.00	0.0	432.7	432.7	0.00	576.00
1212.0	0.00	0.0	432.7	432.7	0.00	576.00

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN1BL.PND
Inflow Hydrograph: j:\DATA\0306147\25BASN1 .HYD
Outflow Hydrograph: j:\DATA\0306147\BABL125 .HYD

Starting Pond W.S. Elevation = 576.00 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow	=	53.37 cfs
Peak Outflow	=	53.34 cfs
Peak Elevation	=	576.88 ft

***** Summary of Approximate Peak Storage *****

Initial Storage	=	51,920 cu-ft
Peak Storage From Storm	=	13,028 cu-ft

Total Storage in Pond	=	64,948 cu-ft

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*****
*
*          FOX HAVEN          *
*   DETENTION ANALYSIS   *
*   DETENTION BASIN #1   *
*   BLOCKED LOW FLOW     *
*
*****
  
```

Inflow Hydrograph: j:\DATA\0306147\100BASIN1.HYD
 Rating Table file: j:\DATA\0306147\BASIN1BL.PND

----INITIAL CONDITIONS----
 Elevation = 576.00 ft
 Outflow = 0.00 cfs
 Storage = 51,920 cu-ft

GIVEN POND DATA

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)
576.00	0.0	51,920
576.20	5.7	54,777
576.40	16.1	57,700
576.60	29.6	60,690
576.80	45.6	63,749
577.00	65.8	66,877
577.20	77.9	70,075
577.40	88.3	73,344
577.60	97.6	76,683
577.80	106.1	80,096
578.00	114.0	83,581

INTERMEDIATE ROUTING
 COMPUTATIONS

2S/t (cfs)	2S/t + 0 (cfs)
432.7	432.7
456.5	462.2
480.8	496.9
505.7	535.3
531.2	576.8
557.3	623.1
584.0	661.9
611.2	699.5
639.0	736.6
667.5	773.6
696.5	810.5

Time increment (t) = 4.0 min.

Pond File: j:\DATA\0306147\BASIN1BL.PND
 r flow Hydrograph: j:\DATA\0306147\100BASN1.HYD
 cflow Hydrograph: j:\DATA\0306147\BABL1100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	432.7	432.7	0.00	576.00
4.0	68.26	68.3	465.9	500.9	17.50	576.42
8.0	68.26	136.5	488.9	602.4	56.78	576.91
12.0	68.26	136.5	492.4	625.4	66.52	577.01
16.0	68.26	136.5	493.7	628.9	67.61	577.03
20.0	68.26	136.5	494.2	630.2	68.01	577.04
24.0	0.00	68.3	482.3	562.4	40.04	576.73
28.0	0.00	0.0	458.9	482.3	11.74	576.32
32.0	0.00	0.0	448.7	458.9	5.06	576.18
36.0	0.00	0.0	442.5	448.7	3.11	576.11
40.0	0.00	0.0	438.7	442.5	1.91	576.07
44.0	0.00	0.0	436.4	438.7	1.17	576.04
48.0	0.00	0.0	434.9	436.4	0.72	576.03
52.0	0.00	0.0	434.1	434.9	0.44	576.02
56.0	0.00	0.0	433.5	434.1	0.27	576.01
60.0	0.00	0.0	433.2	433.5	0.17	576.01
64.0	0.00	0.0	433.0	433.2	0.10	576.00
68.0	0.00	0.0	432.9	433.0	0.06	576.00
72.0	0.00	0.0	432.8	432.9	0.04	576.00
76.0	0.00	0.0	432.7	432.8	0.02	576.00
80.0	0.00	0.0	432.7	432.7	0.01	576.00
84.0	0.00	0.0	432.7	432.7	0.01	576.00
88.0	0.00	0.0	432.7	432.7	0.01	576.00
92.0	0.00	0.0	432.7	432.7	0.00	576.00
96.0	0.00	0.0	432.7	432.7	0.00	576.00
100.0	0.00	0.0	432.7	432.7	0.00	576.00
104.0	0.00	0.0	432.7	432.7	0.00	576.00
108.0	0.00	0.0	432.7	432.7	0.00	576.00
112.0	0.00	0.0	432.7	432.7	0.00	576.00
116.0	0.00	0.0	432.7	432.7	0.00	576.00
120.0	0.00	0.0	432.7	432.7	0.00	576.00
124.0	0.00	0.0	432.7	432.7	0.00	576.00
128.0	0.00	0.0	432.7	432.7	0.00	576.00
132.0	0.00	0.0	432.7	432.7	0.00	576.00
136.0	0.00	0.0	432.7	432.7	0.00	576.00
140.0	0.00	0.0	432.7	432.7	0.00	576.00
144.0	0.00	0.0	432.7	432.7	0.00	576.00
148.0	0.00	0.0	432.7	432.7	0.00	576.00
152.0	0.00	0.0	432.7	432.7	0.00	576.00
156.0	0.00	0.0	432.7	432.7	0.00	576.00
160.0	0.00	0.0	432.7	432.7	0.00	576.00
164.0	0.00	0.0	432.7	432.7	0.00	576.00
168.0	0.00	0.0	432.7	432.7	0.00	576.00
172.0	0.00	0.0	432.7	432.7	0.00	576.00
176.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL1100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
180.0	0.00	0.0	432.7	432.7	0.00	576.00
184.0	0.00	0.0	432.7	432.7	0.00	576.00
188.0	0.00	0.0	432.7	432.7	0.00	576.00
192.0	0.00	0.0	432.7	432.7	0.00	576.00
196.0	0.00	0.0	432.7	432.7	0.00	576.00
200.0	0.00	0.0	432.7	432.7	0.00	576.00
204.0	0.00	0.0	432.7	432.7	0.00	576.00
208.0	0.00	0.0	432.7	432.7	0.00	576.00
212.0	0.00	0.0	432.7	432.7	0.00	576.00
216.0	0.00	0.0	432.7	432.7	0.00	576.00
220.0	0.00	0.0	432.7	432.7	0.00	576.00
224.0	0.00	0.0	432.7	432.7	0.00	576.00
228.0	0.00	0.0	432.7	432.7	0.00	576.00
232.0	0.00	0.0	432.7	432.7	0.00	576.00
236.0	0.00	0.0	432.7	432.7	0.00	576.00
240.0	0.00	0.0	432.7	432.7	0.00	576.00
244.0	0.00	0.0	432.7	432.7	0.00	576.00
248.0	0.00	0.0	432.7	432.7	0.00	576.00
252.0	0.00	0.0	432.7	432.7	0.00	576.00
256.0	0.00	0.0	432.7	432.7	0.00	576.00
260.0	0.00	0.0	432.7	432.7	0.00	576.00
264.0	0.00	0.0	432.7	432.7	0.00	576.00
268.0	0.00	0.0	432.7	432.7	0.00	576.00
272.0	0.00	0.0	432.7	432.7	0.00	576.00
276.0	0.00	0.0	432.7	432.7	0.00	576.00
280.0	0.00	0.0	432.7	432.7	0.00	576.00
284.0	0.00	0.0	432.7	432.7	0.00	576.00
288.0	0.00	0.0	432.7	432.7	0.00	576.00
292.0	0.00	0.0	432.7	432.7	0.00	576.00
296.0	0.00	0.0	432.7	432.7	0.00	576.00
300.0	0.00	0.0	432.7	432.7	0.00	576.00
304.0	0.00	0.0	432.7	432.7	0.00	576.00
308.0	0.00	0.0	432.7	432.7	0.00	576.00
312.0	0.00	0.0	432.7	432.7	0.00	576.00
316.0	0.00	0.0	432.7	432.7	0.00	576.00
320.0	0.00	0.0	432.7	432.7	0.00	576.00
324.0	0.00	0.0	432.7	432.7	0.00	576.00
328.0	0.00	0.0	432.7	432.7	0.00	576.00
332.0	0.00	0.0	432.7	432.7	0.00	576.00
336.0	0.00	0.0	432.7	432.7	0.00	576.00
340.0	0.00	0.0	432.7	432.7	0.00	576.00
344.0	0.00	0.0	432.7	432.7	0.00	576.00
348.0	0.00	0.0	432.7	432.7	0.00	576.00
352.0	0.00	0.0	432.7	432.7	0.00	576.00
356.0	0.00	0.0	432.7	432.7	0.00	576.00
360.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL1100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
364.0	0.00	0.0	432.7	432.7	0.00	576.00
368.0	0.00	0.0	432.7	432.7	0.00	576.00
372.0	0.00	0.0	432.7	432.7	0.00	576.00
376.0	0.00	0.0	432.7	432.7	0.00	576.00
380.0	0.00	0.0	432.7	432.7	0.00	576.00
384.0	0.00	0.0	432.7	432.7	0.00	576.00
388.0	0.00	0.0	432.7	432.7	0.00	576.00
392.0	0.00	0.0	432.7	432.7	0.00	576.00
396.0	0.00	0.0	432.7	432.7	0.00	576.00
400.0	0.00	0.0	432.7	432.7	0.00	576.00
404.0	0.00	0.0	432.7	432.7	0.00	576.00
408.0	0.00	0.0	432.7	432.7	0.00	576.00
412.0	0.00	0.0	432.7	432.7	0.00	576.00
416.0	0.00	0.0	432.7	432.7	0.00	576.00
420.0	0.00	0.0	432.7	432.7	0.00	576.00
424.0	0.00	0.0	432.7	432.7	0.00	576.00
428.0	0.00	0.0	432.7	432.7	0.00	576.00
432.0	0.00	0.0	432.7	432.7	0.00	576.00
436.0	0.00	0.0	432.7	432.7	0.00	576.00
440.0	0.00	0.0	432.7	432.7	0.00	576.00
444.0	0.00	0.0	432.7	432.7	0.00	576.00
448.0	0.00	0.0	432.7	432.7	0.00	576.00
452.0	0.00	0.0	432.7	432.7	0.00	576.00
456.0	0.00	0.0	432.7	432.7	0.00	576.00
460.0	0.00	0.0	432.7	432.7	0.00	576.00
464.0	0.00	0.0	432.7	432.7	0.00	576.00
468.0	0.00	0.0	432.7	432.7	0.00	576.00
472.0	0.00	0.0	432.7	432.7	0.00	576.00
476.0	0.00	0.0	432.7	432.7	0.00	576.00
480.0	0.00	0.0	432.7	432.7	0.00	576.00
484.0	0.00	0.0	432.7	432.7	0.00	576.00
488.0	0.00	0.0	432.7	432.7	0.00	576.00
492.0	0.00	0.0	432.7	432.7	0.00	576.00
496.0	0.00	0.0	432.7	432.7	0.00	576.00
500.0	0.00	0.0	432.7	432.7	0.00	576.00
504.0	0.00	0.0	432.7	432.7	0.00	576.00
508.0	0.00	0.0	432.7	432.7	0.00	576.00
512.0	0.00	0.0	432.7	432.7	0.00	576.00
516.0	0.00	0.0	432.7	432.7	0.00	576.00
520.0	0.00	0.0	432.7	432.7	0.00	576.00
524.0	0.00	0.0	432.7	432.7	0.00	576.00
528.0	0.00	0.0	432.7	432.7	0.00	576.00
532.0	0.00	0.0	432.7	432.7	0.00	576.00
536.0	0.00	0.0	432.7	432.7	0.00	576.00
540.0	0.00	0.0	432.7	432.7	0.00	576.00
544.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL1100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
548.0	0.00	0.0	432.7	432.7	0.00	576.00
552.0	0.00	0.0	432.7	432.7	0.00	576.00
556.0	0.00	0.0	432.7	432.7	0.00	576.00
560.0	0.00	0.0	432.7	432.7	0.00	576.00
564.0	0.00	0.0	432.7	432.7	0.00	576.00
568.0	0.00	0.0	432.7	432.7	0.00	576.00
572.0	0.00	0.0	432.7	432.7	0.00	576.00
576.0	0.00	0.0	432.7	432.7	0.00	576.00
580.0	0.00	0.0	432.7	432.7	0.00	576.00
584.0	0.00	0.0	432.7	432.7	0.00	576.00
588.0	0.00	0.0	432.7	432.7	0.00	576.00
592.0	0.00	0.0	432.7	432.7	0.00	576.00
596.0	0.00	0.0	432.7	432.7	0.00	576.00
600.0	0.00	0.0	432.7	432.7	0.00	576.00
604.0	0.00	0.0	432.7	432.7	0.00	576.00
608.0	0.00	0.0	432.7	432.7	0.00	576.00
612.0	0.00	0.0	432.7	432.7	0.00	576.00
616.0	0.00	0.0	432.7	432.7	0.00	576.00
620.0	0.00	0.0	432.7	432.7	0.00	576.00
624.0	0.00	0.0	432.7	432.7	0.00	576.00
628.0	0.00	0.0	432.7	432.7	0.00	576.00
632.0	0.00	0.0	432.7	432.7	0.00	576.00
636.0	0.00	0.0	432.7	432.7	0.00	576.00
640.0	0.00	0.0	432.7	432.7	0.00	576.00
644.0	0.00	0.0	432.7	432.7	0.00	576.00
648.0	0.00	0.0	432.7	432.7	0.00	576.00
652.0	0.00	0.0	432.7	432.7	0.00	576.00
656.0	0.00	0.0	432.7	432.7	0.00	576.00
660.0	0.00	0.0	432.7	432.7	0.00	576.00
664.0	0.00	0.0	432.7	432.7	0.00	576.00
668.0	0.00	0.0	432.7	432.7	0.00	576.00
672.0	0.00	0.0	432.7	432.7	0.00	576.00
676.0	0.00	0.0	432.7	432.7	0.00	576.00
680.0	0.00	0.0	432.7	432.7	0.00	576.00
684.0	0.00	0.0	432.7	432.7	0.00	576.00
688.0	0.00	0.0	432.7	432.7	0.00	576.00
692.0	0.00	0.0	432.7	432.7	0.00	576.00
696.0	0.00	0.0	432.7	432.7	0.00	576.00
700.0	0.00	0.0	432.7	432.7	0.00	576.00
704.0	0.00	0.0	432.7	432.7	0.00	576.00
708.0	0.00	0.0	432.7	432.7	0.00	576.00
712.0	0.00	0.0	432.7	432.7	0.00	576.00
716.0	0.00	0.0	432.7	432.7	0.00	576.00
720.0	0.00	0.0	432.7	432.7	0.00	576.00
724.0	0.00	0.0	432.7	432.7	0.00	576.00
728.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL1100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
732.0	0.00	0.0	432.7	432.7	0.00	576.00
736.0	0.00	0.0	432.7	432.7	0.00	576.00
740.0	0.00	0.0	432.7	432.7	0.00	576.00
744.0	0.00	0.0	432.7	432.7	0.00	576.00
748.0	0.00	0.0	432.7	432.7	0.00	576.00
752.0	0.00	0.0	432.7	432.7	0.00	576.00
756.0	0.00	0.0	432.7	432.7	0.00	576.00
760.0	0.00	0.0	432.7	432.7	0.00	576.00
764.0	0.00	0.0	432.7	432.7	0.00	576.00
768.0	0.00	0.0	432.7	432.7	0.00	576.00
772.0	0.00	0.0	432.7	432.7	0.00	576.00
776.0	0.00	0.0	432.7	432.7	0.00	576.00
780.0	0.00	0.0	432.7	432.7	0.00	576.00
784.0	0.00	0.0	432.7	432.7	0.00	576.00
788.0	0.00	0.0	432.7	432.7	0.00	576.00
792.0	0.00	0.0	432.7	432.7	0.00	576.00
796.0	0.00	0.0	432.7	432.7	0.00	576.00
800.0	0.00	0.0	432.7	432.7	0.00	576.00
304.0	0.00	0.0	432.7	432.7	0.00	576.00
808.0	0.00	0.0	432.7	432.7	0.00	576.00
812.0	0.00	0.0	432.7	432.7	0.00	576.00
816.0	0.00	0.0	432.7	432.7	0.00	576.00
820.0	0.00	0.0	432.7	432.7	0.00	576.00
824.0	0.00	0.0	432.7	432.7	0.00	576.00
828.0	0.00	0.0	432.7	432.7	0.00	576.00
832.0	0.00	0.0	432.7	432.7	0.00	576.00
836.0	0.00	0.0	432.7	432.7	0.00	576.00
840.0	0.00	0.0	432.7	432.7	0.00	576.00
844.0	0.00	0.0	432.7	432.7	0.00	576.00
848.0	0.00	0.0	432.7	432.7	0.00	576.00
852.0	0.00	0.0	432.7	432.7	0.00	576.00
856.0	0.00	0.0	432.7	432.7	0.00	576.00
860.0	0.00	0.0	432.7	432.7	0.00	576.00
864.0	0.00	0.0	432.7	432.7	0.00	576.00
868.0	0.00	0.0	432.7	432.7	0.00	576.00
872.0	0.00	0.0	432.7	432.7	0.00	576.00
876.0	0.00	0.0	432.7	432.7	0.00	576.00
880.0	0.00	0.0	432.7	432.7	0.00	576.00
884.0	0.00	0.0	432.7	432.7	0.00	576.00
888.0	0.00	0.0	432.7	432.7	0.00	576.00
892.0	0.00	0.0	432.7	432.7	0.00	576.00
896.0	0.00	0.0	432.7	432.7	0.00	576.00
900.0	0.00	0.0	432.7	432.7	0.00	576.00
904.0	0.00	0.0	432.7	432.7	0.00	576.00
908.0	0.00	0.0	432.7	432.7	0.00	576.00
912.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL1100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
916.0	0.00	0.0	432.7	432.7	0.00	576.00
920.0	0.00	0.0	432.7	432.7	0.00	576.00
924.0	0.00	0.0	432.7	432.7	0.00	576.00
928.0	0.00	0.0	432.7	432.7	0.00	576.00
932.0	0.00	0.0	432.7	432.7	0.00	576.00
936.0	0.00	0.0	432.7	432.7	0.00	576.00
940.0	0.00	0.0	432.7	432.7	0.00	576.00
944.0	0.00	0.0	432.7	432.7	0.00	576.00
948.0	0.00	0.0	432.7	432.7	0.00	576.00
952.0	0.00	0.0	432.7	432.7	0.00	576.00
956.0	0.00	0.0	432.7	432.7	0.00	576.00
960.0	0.00	0.0	432.7	432.7	0.00	576.00
964.0	0.00	0.0	432.7	432.7	0.00	576.00
968.0	0.00	0.0	432.7	432.7	0.00	576.00
972.0	0.00	0.0	432.7	432.7	0.00	576.00
976.0	0.00	0.0	432.7	432.7	0.00	576.00
980.0	0.00	0.0	432.7	432.7	0.00	576.00
984.0	0.00	0.0	432.7	432.7	0.00	576.00
988.0	0.00	0.0	432.7	432.7	0.00	576.00
992.0	0.00	0.0	432.7	432.7	0.00	576.00
996.0	0.00	0.0	432.7	432.7	0.00	576.00
1000.0	0.00	0.0	432.7	432.7	0.00	576.00
1004.0	0.00	0.0	432.7	432.7	0.00	576.00
1008.0	0.00	0.0	432.7	432.7	0.00	576.00
1012.0	0.00	0.0	432.7	432.7	0.00	576.00
1016.0	0.00	0.0	432.7	432.7	0.00	576.00
1020.0	0.00	0.0	432.7	432.7	0.00	576.00
1024.0	0.00	0.0	432.7	432.7	0.00	576.00
1028.0	0.00	0.0	432.7	432.7	0.00	576.00
1032.0	0.00	0.0	432.7	432.7	0.00	576.00
1036.0	0.00	0.0	432.7	432.7	0.00	576.00
1040.0	0.00	0.0	432.7	432.7	0.00	576.00
1044.0	0.00	0.0	432.7	432.7	0.00	576.00
1048.0	0.00	0.0	432.7	432.7	0.00	576.00
1052.0	0.00	0.0	432.7	432.7	0.00	576.00
1056.0	0.00	0.0	432.7	432.7	0.00	576.00
1060.0	0.00	0.0	432.7	432.7	0.00	576.00
1064.0	0.00	0.0	432.7	432.7	0.00	576.00
1068.0	0.00	0.0	432.7	432.7	0.00	576.00
1072.0	0.00	0.0	432.7	432.7	0.00	576.00
1076.0	0.00	0.0	432.7	432.7	0.00	576.00
1080.0	0.00	0.0	432.7	432.7	0.00	576.00
1084.0	0.00	0.0	432.7	432.7	0.00	576.00
1088.0	0.00	0.0	432.7	432.7	0.00	576.00
1092.0	0.00	0.0	432.7	432.7	0.00	576.00
1096.0	0.00	0.0	432.7	432.7	0.00	576.00

Pond File: j:\DATA\0306147\BASIN1BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN1.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL1100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
1100.0	0.00	0.0	432.7	432.7	0.00	576.00
1104.0	0.00	0.0	432.7	432.7	0.00	576.00
1108.0	0.00	0.0	432.7	432.7	0.00	576.00
1112.0	0.00	0.0	432.7	432.7	0.00	576.00
1116.0	0.00	0.0	432.7	432.7	0.00	576.00
1120.0	0.00	0.0	432.7	432.7	0.00	576.00
1124.0	0.00	0.0	432.7	432.7	0.00	576.00
1128.0	0.00	0.0	432.7	432.7	0.00	576.00
1132.0	0.00	0.0	432.7	432.7	0.00	576.00
1136.0	0.00	0.0	432.7	432.7	0.00	576.00
1140.0	0.00	0.0	432.7	432.7	0.00	576.00
1144.0	0.00	0.0	432.7	432.7	0.00	576.00
1148.0	0.00	0.0	432.7	432.7	0.00	576.00
1152.0	0.00	0.0	432.7	432.7	0.00	576.00
1156.0	0.00	0.0	432.7	432.7	0.00	576.00
1160.0	0.00	0.0	432.7	432.7	0.00	576.00
1164.0	0.00	0.0	432.7	432.7	0.00	576.00
1168.0	0.00	0.0	432.7	432.7	0.00	576.00
1172.0	0.00	0.0	432.7	432.7	0.00	576.00
1176.0	0.00	0.0	432.7	432.7	0.00	576.00
1180.0	0.00	0.0	432.7	432.7	0.00	576.00
1184.0	0.00	0.0	432.7	432.7	0.00	576.00
1188.0	0.00	0.0	432.7	432.7	0.00	576.00
1192.0	0.00	0.0	432.7	432.7	0.00	576.00
1196.0	0.00	0.0	432.7	432.7	0.00	576.00
1200.0	0.00	0.0	432.7	432.7	0.00	576.00
1204.0	0.00	0.0	432.7	432.7	0.00	576.00
1208.0	0.00	0.0	432.7	432.7	0.00	576.00
1212.0	0.00	0.0	432.7	432.7	0.00	576.00

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN1BL.PND
Inflow Hydrograph: j:\DATA\0306147\100BASN1.HYD
Outflow Hydrograph: j:\DATA\0306147\BABL1100.HYD

Starting Pond W.S. Elevation = 576.00 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 68.26 cfs
Peak Outflow = 68.01 cfs
Peak Elevation = 577.04 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 51,920 cu-ft
Peak Storage From Storm = 15,542 cu-ft

Total Storage in Pond = 67,462 cu-ft

POND-2 Version: 5.17
 S/N: 1903000008

FOX HAVEN
 DETENTION ANALYSIS
 BASIN #2

CALCULATED 02-19-2004 13:52:55
 DISK FILE: j:\DATA\0306147\BASIN2 .VOL

Planimeter scale: 1 inch = 1 ft.

Elevation (ft)	Planimeter (sq.in.)	Area (sq.ft)	A1+A2+sqrt(A1*A2) (sq.ft)	* Volume (cubic-ft)	Volume Sum (cubic-ft)
565.00	0.00	0	0	0	0
566.00	1,000.00	1,000	1,000	333	333
568.00	7,503.00	7,503	11,242	7,495	7,828
570.00	9,819.00	9,819	25,905	17,270	25,098
572.00	12,504.00	12,504	33,403	22,269	47,367
574.00	17,402.00	17,402	44,657	29,771	77,139

$$IA = (\text{sq.rt}(\text{Area1}) + ((E_i - E_1) / (E_2 - E_1)) * (\text{sq.rt}(\text{Area2}) - \text{sq.rt}(\text{Area1})))^2$$

where: E1, E2 = Closest two elevations with planimeter data
 E_i = Elevation at which to interpolate area
 Area1, Area2 = Areas computed for E1, E2, respectively
 IA = Interpolated area for E_i

* Incremental volume computed by the Conic Method for Reservoir Volumes.

$$\text{Volume} = (1/3) * (EL2 - EL1) * (\text{Area1} + \text{Area2} + \text{sq.rt.}(\text{Area1} * \text{Area2}))$$

where: EL1, EL2 = Lower and upper elevations of the increment
 Area1, Area2 = Areas computed for EL1, EL2, respectively
 Volume = Incremental volume between EL1 and EL2

Outlet Structure File: BASIN2 .STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #2

***** COMPOSITE OUTFLOW SUMMARY *****

Elevation (ft)	Q (cfs)	Contributing Structures
-----	-----	-----
565.00	0.0	
565.30	0.8	1
565.60	2.2	1
565.90	3.0	1
566.20	3.7	1
566.50	4.2	1
566.80	4.7	1
567.10	5.1	1
567.40	5.5	1
567.70	5.9	1
568.00	6.3	1
568.30	6.6	1
568.60	6.9	1
568.90	7.2	1
569.20	7.5	1
569.50	7.8	1
569.80	8.1	1
570.10	8.3	1
570.40	8.6	1
570.70	8.8	1
571.00	9.1	1
571.30	9.3	1
571.60	11.5	2 +1
571.90	25.9	2 +1
572.20	47.3	2 +1
572.50	74.0	2 +1
572.80	104.9	2 +1
573.10	139.3	3 +1
573.40	160.5	3 +1
573.70	179.1	3 +1
574.00	195.9	3 +1

Outlet Structure File: BASIN2 .STR

POND-2 Version: 5.17
Date Executed:

S/N: 1903000008
Time Executed:

BASIN #2

Outlet Structure File: j:\DATA\0306147\BASIN2 .STR
Planimeter Input File: j:\DATA\0306147\BASIN2 .VOL
Rating Table Output File: j:\DATA\0306147\BASIN2 .PND

Min. Elev.(ft) = 565 Max. Elev.(ft) = 574 Incr.(ft) = .3

Additional elevations (ft) to be included in table:
* * * * *

SYSTEM CONNECTIVITY

Structure	No.	Q Table	Q Table
-----	---	-----	-----
ORIFICE	3	->	3
WEIR-VR	2	->	2
ORIFICE	1	->	1

Outflow rating table summary was stored in file:
j:\DATA\0306147\BASIN2 .PND

Outlet Structure File: BASIN2 .STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #2

>>>>> Structure No. 3 <<<<<<
(Input Data)

ORIFICE

Orifice - Based on Area and Datum Elevation

E1 elev.(ft)?	573
E2 elev.(ft)?	574.001
Orifice coeff.?	.6
Invert elev.(ft)?	571.5
Datum elev.(ft) ?	572.25
Orifice area (sq ft)?	29.00

Outlet Structure File: BASIN2 .STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #2

>>>>> Structure No. 2 <<<<<<
(Input Data)

WEIR-VR
Weir - Vertical Rectangular

E1 elev.(ft)?	571.5
E2 elev.(ft)?	573
Weir coefficient?	3.3
Weir elev.(ft)?	571.5
Length (ft)?	19.33
Contracted/Suppressed (C/S)?	S

Outlet Structure File: BASIN2 .STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #2

>>>>> Structure No. 1 <<<<<<
(Input Data)

ORIFICE

Orifice - Based on Area and Datum Elevation

E1 elev.(ft)?	565.25
E2 elev.(ft)?	574.001
Orifice coeff.?	.6
Invert elev.(ft)?	565
Datum elev.(ft) ?	565.25
Orifice area (sq ft)?	.7854

```
*****
*
*          FOX HAVEN          *
*  DETENTION ANALYSIS      *
*  DETENTION BASIN #2     *
*
*
*
*****
```

Inflow Hydrograph: j:\DATA\0306147\02BASN2 .HYD
 Rating Table file: j:\DATA\0306147\BASIN2 .PND

----INITIAL CONDITIONS----
 Elevation = 565.00 ft
 Outflow = 0.00 cfs
 Storage = 0 cu-ft

GIVEN POND DATA			INTERMEDIATE ROUTING COMPUTATIONS	
ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
565.00	0.0	0	0.0	0.0
565.30	0.8	9	0.3	1.1
565.60	2.2	72	2.4	4.6
565.90	3.0	243	8.1	11.1
566.20	3.7	570	19.0	22.7
566.50	4.2	1,082	36.1	40.3
566.80	4.7	1,819	60.6	65.3
567.10	5.1	2,821	94.0	99.1
567.40	5.5	4,129	137.6	143.1
567.70	5.9	5,785	192.8	198.7
568.00	6.3	7,828	260.9	267.2
568.30	6.6	10,128	337.6	344.2
568.60	6.9	12,527	417.6	424.5
568.90	7.2	15,028	500.9	508.1
569.20	7.5	17,632	587.7	595.2
569.50	7.8	20,342	678.1	685.9
569.80	8.1	23,159	772.0	780.1
570.10	8.3	26,086	869.5	877.8
570.40	8.6	29,128	970.9	979.5
570.70	8.8	32,285	1076.2	1085.0
571.00	9.1	35,562	1185.4	1194.5
571.30	9.3	38,958	1298.6	1307.9
571.60	11.5	42,478	1415.9	1427.4
571.90	25.9	46,124	1537.5	1563.4
572.20	47.3	49,913	1663.8	1711.1
572.50	74.0	53,904	1796.8	1870.8
572.80	104.9	58,106	1936.9	2041.8
573.10	139.3	62,526	2084.2	2223.5
573.40	160.5	67,168	2238.9	2399.4
573.70	179.1	72,036	2401.2	2580.3
574.00	195.9	77,139	2571.3	2767.2

Time increment (t) = 1.0 min.

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN202 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	0.0	0.0	0.00	565.00
1.0	4.48	4.5	0.2	4.5	2.15	565.59
2.0	8.95	13.4	7.3	13.6	3.15	565.96
3.0	13.43	22.4	21.9	29.7	3.90	566.32
4.0	13.43	26.9	40.0	48.7	4.37	566.60
5.0	17.90	31.3	61.8	71.3	4.77	566.85
6.0	22.38	40.3	91.8	102.1	5.13	567.12
7.0	26.86	49.2	130.1	141.1	5.48	567.39
8.0	31.33	58.2	176.6	188.3	5.82	567.64
9.0	35.81	67.1	231.5	243.8	6.16	567.90
10.0	35.81	71.6	290.2	303.1	6.44	568.14
11.0	40.28	76.1	352.9	366.3	6.68	568.38
12.0	44.76	85.0	424.1	438.0	6.95	568.65
13.0	44.76	89.5	499.1	513.6	7.22	568.92
14.0	44.76	89.5	573.7	588.7	7.48	569.18
15.0	44.76	89.5	647.8	663.2	7.73	569.43
16.0	44.76	89.5	721.4	737.3	7.96	569.66
17.0	44.76	89.5	794.6	810.9	8.16	569.89
18.0	44.76	89.5	867.4	884.1	8.32	570.12
19.0	44.76	89.5	939.9	957.0	8.53	570.33
20.0	44.76	89.5	1012.0	1029.4	8.69	570.54
21.0	40.28	85.0	1079.4	1097.1	8.83	570.73
22.0	35.81	76.1	1137.5	1155.5	8.99	570.89
23.0	31.33	67.1	1186.4	1204.6	9.12	571.03
24.0	31.33	62.7	1230.7	1249.1	9.20	571.14
25.0	26.86	58.2	1270.3	1288.9	9.27	571.25
26.0	22.38	49.2	1300.5	1319.6	9.51	571.33
27.0	17.90	40.3	1321.0	1340.8	9.91	571.38
28.0	13.43	31.3	1332.1	1352.3	10.12	571.41
29.0	8.95	22.4	1334.2	1354.5	10.16	571.42
30.0	8.95	17.9	1331.9	1352.1	10.11	571.41
31.0	4.48	13.4	1325.3	1345.3	9.99	571.39
32.0	0.00	4.5	1310.4	1329.8	9.70	571.35
33.0	0.00	0.0	1291.7	1310.4	9.35	571.31
34.0	0.00	0.0	1273.1	1291.7	9.27	571.26
35.0	0.00	0.0	1254.7	1273.1	9.24	571.21
36.0	0.00	0.0	1236.3	1254.7	9.21	571.16
37.0	0.00	0.0	1217.9	1236.3	9.17	571.11
38.0	0.00	0.0	1199.6	1217.9	9.14	571.06
39.0	0.00	0.0	1181.4	1199.6	9.11	571.01
40.0	0.00	0.0	1163.3	1181.4	9.06	570.96
41.0	0.00	0.0	1145.3	1163.3	9.01	570.91
42.0	0.00	0.0	1127.3	1145.3	8.97	570.87
43.0	0.00	0.0	1109.5	1127.3	8.92	570.82
44.0	0.00	0.0	1091.8	1109.5	8.87	570.77

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN202 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
45.0	0.00	0.0	1074.1	1091.8	8.82	570.72
46.0	0.00	0.0	1056.6	1074.1	8.78	570.67
47.0	0.00	0.0	1039.1	1056.6	8.75	570.62
48.0	0.00	0.0	1021.6	1039.1	8.71	570.57
49.0	0.00	0.0	1004.3	1021.6	8.68	570.52
50.0	0.00	0.0	987.0	1004.3	8.65	570.47
51.0	0.00	0.0	969.8	987.0	8.61	570.42
52.0	0.00	0.0	952.6	969.8	8.57	570.37
53.0	0.00	0.0	935.6	952.6	8.52	570.32
54.0	0.00	0.0	918.6	935.6	8.47	570.27
55.0	0.00	0.0	901.8	918.6	8.42	570.22
56.0	0.00	0.0	885.1	901.8	8.37	570.17
57.0	0.00	0.0	868.4	885.1	8.32	570.12
58.0	0.00	0.0	851.8	868.4	8.28	570.07
59.0	0.00	0.0	835.4	851.8	8.25	570.02
60.0	0.00	0.0	818.9	835.4	8.21	569.97
61.0	0.00	0.0	802.6	818.9	8.18	569.92
62.0	0.00	0.0	786.3	802.6	8.15	569.87
63.0	0.00	0.0	770.1	786.3	8.11	569.82
64.0	0.00	0.0	753.9	770.1	8.07	569.77
65.0	0.00	0.0	737.9	753.9	8.02	569.72
66.0	0.00	0.0	722.0	737.9	7.97	569.67
67.0	0.00	0.0	706.1	722.0	7.91	569.61
68.0	0.00	0.0	690.4	706.1	7.86	569.56
69.0	0.00	0.0	674.8	690.4	7.81	569.51
70.0	0.00	0.0	659.2	674.8	7.76	569.46
71.0	0.00	0.0	643.8	659.2	7.71	569.41
72.0	0.00	0.0	628.5	643.8	7.66	569.36
73.0	0.00	0.0	613.3	628.5	7.61	569.31
74.0	0.00	0.0	598.2	613.3	7.56	569.26
75.0	0.00	0.0	583.1	598.2	7.51	569.21
76.0	0.00	0.0	568.2	583.1	7.46	569.16
77.0	0.00	0.0	553.4	568.2	7.41	569.11
78.0	0.00	0.0	538.7	553.4	7.36	569.06
79.0	0.00	0.0	524.1	538.7	7.31	569.01
80.0	0.00	0.0	509.6	524.1	7.25	568.95
81.0	0.00	0.0	495.2	509.6	7.20	568.90
82.0	0.00	0.0	480.9	495.2	7.15	568.85
83.0	0.00	0.0	466.6	480.9	7.10	568.80
84.0	0.00	0.0	452.5	466.6	7.05	568.75
85.0	0.00	0.0	438.5	452.5	7.00	568.70
86.0	0.00	0.0	424.6	438.5	6.95	568.65
87.0	0.00	0.0	410.8	424.6	6.90	568.60
88.0	0.00	0.0	397.1	410.8	6.85	568.55
89.0	0.00	0.0	383.5	397.1	6.80	568.50
90.0	0.00	0.0	370.1	383.5	6.75	568.45

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASN202 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
91.0	0.00	0.0	356.7	370.1	6.70	568.40
92.0	0.00	0.0	343.4	356.7	6.65	568.35
93.0	0.00	0.0	330.2	343.4	6.60	568.30
94.0	0.00	0.0	317.1	330.2	6.55	568.25
95.0	0.00	0.0	304.1	317.1	6.49	568.19
96.0	0.00	0.0	291.2	304.1	6.44	568.14
97.0	0.00	0.0	278.4	291.2	6.39	568.09
98.0	0.00	0.0	265.7	278.4	6.34	568.04
99.0	0.00	0.0	253.1	265.7	6.29	567.99
100.0	0.00	0.0	240.7	253.1	6.22	567.94
101.0	0.00	0.0	228.4	240.7	6.15	567.88
102.0	0.00	0.0	216.3	228.4	6.07	567.83
103.0	0.00	0.0	204.3	216.3	6.00	567.78
104.0	0.00	0.0	192.4	204.3	5.93	567.72
105.0	0.00	0.0	180.7	192.4	5.85	567.67
106.0	0.00	0.0	169.2	180.7	5.77	567.60
107.0	0.00	0.0	157.8	169.2	5.69	567.54
108.0	0.00	0.0	146.6	157.8	5.61	567.48
109.0	0.00	0.0	135.5	146.6	5.52	567.42
110.0	0.00	0.0	124.7	135.5	5.43	567.35
111.0	0.00	0.0	114.0	124.7	5.33	567.27
112.0	0.00	0.0	103.5	114.0	5.24	567.20
113.0	0.00	0.0	93.2	103.5	5.14	567.13
114.0	0.00	0.0	83.2	93.2	5.03	567.05
115.0	0.00	0.0	73.4	83.2	4.91	566.96
116.0	0.00	0.0	63.8	73.4	4.80	566.87
117.0	0.00	0.0	54.4	63.8	4.67	566.78
118.0	0.00	0.0	45.5	54.4	4.48	566.67
119.0	0.00	0.0	36.9	45.5	4.30	566.56
120.0	0.00	0.0	28.7	36.9	4.10	566.44
121.0	0.00	0.0	20.9	28.7	3.87	566.30
122.0	0.00	0.0	13.7	20.9	3.59	566.15
123.0	0.00	0.0	7.4	13.7	3.16	565.97
124.0	0.00	0.0	2.3	7.4	2.55	565.73
125.0	0.00	0.0	-0.3	2.3	1.29	565.40
126.0	0.00	0.0	-0.3	-0.3	0.00	565.00
127.0	0.00	0.0	-0.3	-0.3	0.00	565.00
128.0	0.00	0.0	-0.3	-0.3	0.00	565.00
129.0	0.00	0.0	-0.3	-0.3	0.00	565.00
130.0	0.00	0.0	-0.3	-0.3	0.00	565.00
131.0	0.00	0.0	-0.3	-0.3	0.00	565.00
132.0	0.00	0.0	-0.3	-0.3	0.00	565.00
133.0	0.00	0.0	-0.3	-0.3	0.00	565.00
134.0	0.00	0.0	-0.3	-0.3	0.00	565.00
135.0	0.00	0.0	-0.3	-0.3	0.00	565.00
136.0	0.00	0.0	-0.3	-0.3	0.00	565.00

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN202 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
137.0	0.00	0.0	-0.3	-0.3	0.00	565.00
138.0	0.00	0.0	-0.3	-0.3	0.00	565.00
139.0	0.00	0.0	-0.3	-0.3	0.00	565.00
140.0	0.00	0.0	-0.3	-0.3	0.00	565.00
141.0	0.00	0.0	-0.3	-0.3	0.00	565.00
142.0	0.00	0.0	-0.3	-0.3	0.00	565.00
143.0	0.00	0.0	-0.3	-0.3	0.00	565.00
144.0	0.00	0.0	-0.3	-0.3	0.00	565.00
145.0	0.00	0.0	-0.3	-0.3	0.00	565.00
146.0	0.00	0.0	-0.3	-0.3	0.00	565.00
147.0	0.00	0.0	-0.3	-0.3	0.00	565.00
148.0	0.00	0.0	-0.3	-0.3	0.00	565.00
149.0	0.00	0.0	-0.3	-0.3	0.00	565.00
150.0	0.00	0.0	-0.3	-0.3	0.00	565.00
151.0	0.00	0.0	-0.3	-0.3	0.00	565.00
152.0	0.00	0.0	-0.3	-0.3	0.00	565.00
153.0	0.00	0.0	-0.3	-0.3	0.00	565.00
154.0	0.00	0.0	-0.3	-0.3	0.00	565.00
155.0	0.00	0.0	-0.3	-0.3	0.00	565.00
156.0	0.00	0.0	-0.3	-0.3	0.00	565.00
157.0	0.00	0.0	-0.3	-0.3	0.00	565.00
158.0	0.00	0.0	-0.3	-0.3	0.00	565.00
159.0	0.00	0.0	-0.3	-0.3	0.00	565.00
160.0	0.00	0.0	-0.3	-0.3	0.00	565.00
161.0	0.00	0.0	-0.3	-0.3	0.00	565.00
162.0	0.00	0.0	-0.3	-0.3	0.00	565.00
163.0	0.00	0.0	-0.3	-0.3	0.00	565.00
164.0	0.00	0.0	-0.3	-0.3	0.00	565.00
165.0	0.00	0.0	-0.3	-0.3	0.00	565.00
166.0	0.00	0.0	-0.3	-0.3	0.00	565.00
167.0	0.00	0.0	-0.3	-0.3	0.00	565.00
168.0	0.00	0.0	-0.3	-0.3	0.00	565.00
169.0	0.00	0.0	-0.3	-0.3	0.00	565.00
170.0	0.00	0.0	-0.3	-0.3	0.00	565.00
171.0	0.00	0.0	-0.3	-0.3	0.00	565.00
172.0	0.00	0.0	-0.3	-0.3	0.00	565.00
173.0	0.00	0.0	-0.3	-0.3	0.00	565.00
174.0	0.00	0.0	-0.3	-0.3	0.00	565.00
175.0	0.00	0.0	-0.3	-0.3	0.00	565.00
176.0	0.00	0.0	-0.3	-0.3	0.00	565.00
177.0	0.00	0.0	-0.3	-0.3	0.00	565.00
178.0	0.00	0.0	-0.3	-0.3	0.00	565.00
179.0	0.00	0.0	-0.3	-0.3	0.00	565.00
180.0	0.00	0.0	-0.3	-0.3	0.00	565.00
181.0	0.00	0.0	-0.3	-0.3	0.00	565.00
182.0	0.00	0.0	-0.3	-0.3	0.00	565.00

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN202 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
183.0	0.00	0.0	-0.3	-0.3	0.00	565.00
184.0	0.00	0.0	-0.3	-0.3	0.00	565.00
185.0	0.00	0.0	-0.3	-0.3	0.00	565.00
186.0	0.00	0.0	-0.3	-0.3	0.00	565.00
187.0	0.00	0.0	-0.3	-0.3	0.00	565.00
188.0	0.00	0.0	-0.3	-0.3	0.00	565.00
189.0	0.00	0.0	-0.3	-0.3	0.00	565.00
190.0	0.00	0.0	-0.3	-0.3	0.00	565.00
191.0	0.00	0.0	-0.3	-0.3	0.00	565.00
192.0	0.00	0.0	-0.3	-0.3	0.00	565.00
193.0	0.00	0.0	-0.3	-0.3	0.00	565.00
194.0	0.00	0.0	-0.3	-0.3	0.00	565.00
195.0	0.00	0.0	-0.3	-0.3	0.00	565.00
196.0	0.00	0.0	-0.3	-0.3	0.00	565.00
197.0	0.00	0.0	-0.3	-0.3	0.00	565.00
198.0	0.00	0.0	-0.3	-0.3	0.00	565.00
199.0	0.00	0.0	-0.3	-0.3	0.00	565.00
200.0	0.00	0.0	-0.3	-0.3	0.00	565.00
201.0	0.00	0.0	-0.3	-0.3	0.00	565.00
202.0	0.00	0.0	-0.3	-0.3	0.00	565.00
203.0	0.00	0.0	-0.3	-0.3	0.00	565.00
204.0	0.00	0.0	-0.3	-0.3	0.00	565.00
205.0	0.00	0.0	-0.3	-0.3	0.00	565.00
206.0	0.00	0.0	-0.3	-0.3	0.00	565.00
207.0	0.00	0.0	-0.3	-0.3	0.00	565.00
208.0	0.00	0.0	-0.3	-0.3	0.00	565.00
209.0	0.00	0.0	-0.3	-0.3	0.00	565.00
210.0	0.00	0.0	-0.3	-0.3	0.00	565.00
211.0	0.00	0.0	-0.3	-0.3	0.00	565.00
212.0	0.00	0.0	-0.3	-0.3	0.00	565.00
213.0	0.00	0.0	-0.3	-0.3	0.00	565.00
214.0	0.00	0.0	-0.3	-0.3	0.00	565.00
215.0	0.00	0.0	-0.3	-0.3	0.00	565.00
216.0	0.00	0.0	-0.3	-0.3	0.00	565.00
217.0	0.00	0.0	-0.3	-0.3	0.00	565.00
218.0	0.00	0.0	-0.3	-0.3	0.00	565.00
219.0	0.00	0.0	-0.3	-0.3	0.00	565.00
220.0	0.00	0.0	-0.3	-0.3	0.00	565.00
221.0	0.00	0.0	-0.3	-0.3	0.00	565.00
222.0	0.00	0.0	-0.3	-0.3	0.00	565.00
223.0	0.00	0.0	-0.3	-0.3	0.00	565.00
224.0	0.00	0.0	-0.3	-0.3	0.00	565.00
225.0	0.00	0.0	-0.3	-0.3	0.00	565.00
226.0	0.00	0.0	-0.3	-0.3	0.00	565.00
227.0	0.00	0.0	-0.3	-0.3	0.00	565.00
228.0	0.00	0.0	-0.3	-0.3	0.00	565.00

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN202 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
229.0	0.00	0.0	-0.3	-0.3	0.00	565.00
230.0	0.00	0.0	-0.3	-0.3	0.00	565.00
231.0	0.00	0.0	-0.3	-0.3	0.00	565.00
232.0	0.00	0.0	-0.3	-0.3	0.00	565.00
233.0	0.00	0.0	-0.3	-0.3	0.00	565.00
234.0	0.00	0.0	-0.3	-0.3	0.00	565.00
235.0	0.00	0.0	-0.3	-0.3	0.00	565.00
236.0	0.00	0.0	-0.3	-0.3	0.00	565.00
237.0	0.00	0.0	-0.3	-0.3	0.00	565.00
238.0	0.00	0.0	-0.3	-0.3	0.00	565.00
239.0	0.00	0.0	-0.3	-0.3	0.00	565.00
240.0	0.00	0.0	-0.3	-0.3	0.00	565.00
241.0	0.00	0.0	-0.3	-0.3	0.00	565.00
242.0	0.00	0.0	-0.3	-0.3	0.00	565.00
243.0	0.00	0.0	-0.3	-0.3	0.00	565.00
244.0	0.00	0.0	-0.3	-0.3	0.00	565.00
245.0	0.00	0.0	-0.3	-0.3	0.00	565.00
246.0	0.00	0.0	-0.3	-0.3	0.00	565.00
247.0	0.00	0.0	-0.3	-0.3	0.00	565.00
248.0	0.00	0.0	-0.3	-0.3	0.00	565.00
249.0	0.00	0.0	-0.3	-0.3	0.00	565.00
250.0	0.00	0.0	-0.3	-0.3	0.00	565.00
251.0	0.00	0.0	-0.3	-0.3	0.00	565.00
252.0	0.00	0.0	-0.3	-0.3	0.00	565.00
253.0	0.00	0.0	-0.3	-0.3	0.00	565.00
254.0	0.00	0.0	-0.3	-0.3	0.00	565.00
255.0	0.00	0.0	-0.3	-0.3	0.00	565.00
256.0	0.00	0.0	-0.3	-0.3	0.00	565.00
257.0	0.00	0.0	-0.3	-0.3	0.00	565.00
258.0	0.00	0.0	-0.3	-0.3	0.00	565.00
259.0	0.00	0.0	-0.3	-0.3	0.00	565.00
260.0	0.00	0.0	-0.3	-0.3	0.00	565.00
261.0	0.00	0.0	-0.3	-0.3	0.00	565.00
262.0	0.00	0.0	-0.3	-0.3	0.00	565.00
263.0	0.00	0.0	-0.3	-0.3	0.00	565.00
264.0	0.00	0.0	-0.3	-0.3	0.00	565.00
265.0	0.00	0.0	-0.3	-0.3	0.00	565.00
266.0	0.00	0.0	-0.3	-0.3	0.00	565.00
267.0	0.00	0.0	-0.3	-0.3	0.00	565.00
268.0	0.00	0.0	-0.3	-0.3	0.00	565.00
269.0	0.00	0.0	-0.3	-0.3	0.00	565.00
270.0	0.00	0.0	-0.3	-0.3	0.00	565.00
271.0	0.00	0.0	-0.3	-0.3	0.00	565.00
272.0	0.00	0.0	-0.3	-0.3	0.00	565.00
273.0	0.00	0.0	-0.3	-0.3	0.00	565.00
274.0	0.00	0.0	-0.3	-0.3	0.00	565.00

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASN202 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
275.0	0.00	0.0	-0.3	-0.3	0.00	565.00
276.0	0.00	0.0	-0.3	-0.3	0.00	565.00
277.0	0.00	0.0	-0.3	-0.3	0.00	565.00
278.0	0.00	0.0	-0.3	-0.3	0.00	565.00
279.0	0.00	0.0	-0.3	-0.3	0.00	565.00
280.0	0.00	0.0	-0.3	-0.3	0.00	565.00
281.0	0.00	0.0	-0.3	-0.3	0.00	565.00
282.0	0.00	0.0	-0.3	-0.3	0.00	565.00
283.0	0.00	0.0	-0.3	-0.3	0.00	565.00
284.0	0.00	0.0	-0.3	-0.3	0.00	565.00
285.0	0.00	0.0	-0.3	-0.3	0.00	565.00
286.0	0.00	0.0	-0.3	-0.3	0.00	565.00
287.0	0.00	0.0	-0.3	-0.3	0.00	565.00
288.0	0.00	0.0	-0.3	-0.3	0.00	565.00
289.0	0.00	0.0	-0.3	-0.3	0.00	565.00
290.0	0.00	0.0	-0.3	-0.3	0.00	565.00
291.0	0.00	0.0	-0.3	-0.3	0.00	565.00
292.0	0.00	0.0	-0.3	-0.3	0.00	565.00
293.0	0.00	0.0	-0.3	-0.3	0.00	565.00
294.0	0.00	0.0	-0.3	-0.3	0.00	565.00
295.0	0.00	0.0	-0.3	-0.3	0.00	565.00
296.0	0.00	0.0	-0.3	-0.3	0.00	565.00
297.0	0.00	0.0	-0.3	-0.3	0.00	565.00
298.0	0.00	0.0	-0.3	-0.3	0.00	565.00
299.0	0.00	0.0	-0.3	-0.3	0.00	565.00
300.0	0.00	0.0	-0.3	-0.3	0.00	565.00
301.0	0.00	0.0	-0.3	-0.3	0.00	565.00
302.0	0.00	0.0	-0.3	-0.3	0.00	565.00
303.0	0.00	0.0	-0.3	-0.3	0.00	565.00

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN2 .PND
Inflow Hydrograph: j:\DATA\0306147\02BASIN2 .HYD
Outflow Hydrograph: j:\DATA\0306147\BASIN202 .HYD

Starting Pond W.S. Elevation = 565.00 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 44.76 cfs
Peak Outflow = 10.16 cfs
Peak Elevation = 571.42 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 0 cu-ft
Peak Storage From Storm = 40,330 cu-ft

Total Storage in Pond = 40,330 cu-ft

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*****
*
*          FOX HAVEN          *
*  DETENTION ANALYSIS      *
*  DETENTION BASIN #2     *
*
*
*
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Inflow Hydrograph: j:\DATA\0306147\15BASIN2 .HYD
 Rating Table file: j:\DATA\0306147\BASIN2 .PND

----INITIAL CONDITIONS----
 Elevation = 565.00 ft
 Outflow = 0.00 cfs
 Storage = 0 cu-ft

GIVEN POND DATA			INTERMEDIATE ROUTING COMPUTATIONS	
ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
565.00	0.0	0	0.0	0.0
565.30	0.8	9	0.3	1.1
565.60	2.2	72	2.4	4.6
565.90	3.0	243	8.1	11.1
566.20	3.7	570	19.0	22.7
566.50	4.2	1,082	36.1	40.3
566.80	4.7	1,819	60.6	65.3
567.10	5.1	2,821	94.0	99.1
567.40	5.5	4,129	137.6	143.1
567.70	5.9	5,785	192.8	198.7
568.00	6.3	7,828	260.9	267.2
568.30	6.6	10,128	337.6	344.2
568.60	6.9	12,527	417.6	424.5
568.90	7.2	15,028	500.9	508.1
569.20	7.5	17,632	587.7	595.2
569.50	7.8	20,342	678.1	685.9
569.80	8.1	23,159	772.0	780.1
570.10	8.3	26,086	869.5	877.8
570.40	8.6	29,128	970.9	979.5
570.70	8.8	32,285	1076.2	1085.0
571.00	9.1	35,562	1185.4	1194.5
571.30	9.3	38,958	1298.6	1307.9
571.60	11.5	42,478	1415.9	1427.4
571.90	25.9	46,124	1537.5	1563.4
572.20	47.3	49,913	1663.8	1711.1
572.50	74.0	53,904	1796.8	1870.8
572.80	104.9	58,106	1936.9	2041.8
573.10	139.3	62,526	2084.2	2223.5
573.40	160.5	67,168	2238.9	2399.4
573.70	179.1	72,036	2401.2	2580.3
574.00	195.9	77,139	2571.3	2767.2

Time increment (t) = 1.0 min.

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN215 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	0.0	0.0	0.00	565.00
1.0	7.34	7.3	2.3	7.3	2.54	565.73
2.0	14.68	22.0	16.8	24.3	3.74	566.23
3.0	22.02	36.7	44.6	53.5	4.46	566.66
4.0	22.02	44.0	78.7	88.6	4.98	567.01
5.0	29.36	51.4	119.3	130.0	5.38	567.31
6.0	36.69	66.1	173.7	185.3	5.80	567.63
7.0	44.03	80.7	242.0	254.4	6.23	567.94
8.0	51.37	95.4	324.2	337.4	6.57	568.27
9.0	58.71	110.1	420.4	434.3	6.94	568.64
10.0	58.71	117.4	523.3	537.9	7.30	569.00
11.0	66.05	124.8	632.7	648.0	7.67	569.37
12.0	73.39	139.4	756.0	772.1	8.07	569.77
13.0	73.39	146.8	886.0	902.7	8.37	570.17
14.0	73.39	146.8	1015.4	1032.8	8.70	570.55
15.0	73.39	146.8	1144.1	1162.2	9.01	570.91
16.0	73.39	146.8	1272.4	1290.9	9.27	571.26
17.0	73.39	146.8	1396.5	1419.2	11.35	571.58
18.0	73.39	146.8	1495.7	1543.2	23.77	571.86
19.0	73.39	146.8	1567.8	1642.5	37.36	572.06
20.0	73.39	146.8	1618.8	1714.5	47.88	572.21
21.0	66.05	139.4	1647.9	1758.2	55.18	572.29
22.0	58.71	124.8	1657.4	1772.6	57.59	572.32
23.0	51.37	110.1	1654.1	1767.5	56.74	572.31
24.0	51.37	102.7	1646.9	1756.8	54.94	572.29
25.0	44.03	95.4	1637.3	1742.3	52.52	572.26
26.0	36.69	80.7	1621.1	1718.0	48.46	572.21
27.0	29.36	66.1	1599.5	1687.1	43.83	572.15
28.0	22.02	51.4	1573.7	1650.8	38.57	572.08
29.0	14.68	36.7	1545.0	1610.4	32.71	572.00
30.0	14.68	29.4	1519.4	1574.3	27.49	571.92
31.0	7.34	22.0	1494.2	1541.4	23.57	571.85
32.0	0.00	7.3	1462.9	1501.6	19.35	571.76
33.0	0.00	0.0	1432.4	1462.9	15.25	571.68
34.0	0.00	0.0	1408.3	1432.4	12.02	571.61
35.0	0.00	0.0	1386.0	1408.3	11.15	571.55
36.0	0.00	0.0	1364.6	1386.0	10.74	571.50
37.0	0.00	0.0	1343.9	1364.6	10.34	571.44
38.0	0.00	0.0	1323.9	1343.9	9.96	571.39
39.0	0.00	0.0	1304.8	1323.9	9.60	571.34
40.0	0.00	0.0	1286.2	1304.8	9.29	571.29
41.0	0.00	0.0	1267.6	1286.2	9.26	571.24
42.0	0.00	0.0	1249.2	1267.6	9.23	571.19
43.0	0.00	0.0	1230.8	1249.2	9.20	571.14
44.0	0.00	0.0	1212.5	1230.8	9.16	571.10

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN215 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
45.0	0.00	0.0	1194.2	1212.5	9.13	571.05
46.0	0.00	0.0	1176.0	1194.2	9.10	571.00
47.0	0.00	0.0	1157.9	1176.0	9.05	570.95
48.0	0.00	0.0	1139.9	1157.9	9.00	570.90
49.0	0.00	0.0	1122.0	1139.9	8.95	570.85
50.0	0.00	0.0	1104.2	1122.0	8.90	570.80
51.0	0.00	0.0	1086.5	1104.2	8.85	570.75
52.0	0.00	0.0	1068.9	1086.5	8.80	570.70
53.0	0.00	0.0	1051.3	1068.9	8.77	570.65
54.0	0.00	0.0	1033.9	1051.3	8.74	570.60
55.0	0.00	0.0	1016.5	1033.9	8.70	570.55
56.0	0.00	0.0	999.1	1016.5	8.67	570.51
57.0	0.00	0.0	981.9	999.1	8.64	570.46
58.0	0.00	0.0	964.6	981.9	8.60	570.41
59.0	0.00	0.0	947.5	964.6	8.56	570.36
60.0	0.00	0.0	930.5	947.5	8.51	570.31
61.0	0.00	0.0	913.6	930.5	8.46	570.26
62.0	0.00	0.0	896.8	913.6	8.41	570.21
63.0	0.00	0.0	880.1	896.8	8.36	570.16
64.0	0.00	0.0	863.5	880.1	8.31	570.11
65.0	0.00	0.0	846.9	863.5	8.27	570.06
66.0	0.00	0.0	830.5	846.9	8.24	570.01
67.0	0.00	0.0	814.1	830.5	8.20	569.95
68.0	0.00	0.0	797.7	814.1	8.17	569.90
69.0	0.00	0.0	781.4	797.7	8.14	569.85
70.0	0.00	0.0	765.2	781.4	8.10	569.80
71.0	0.00	0.0	749.1	765.2	8.05	569.75
72.0	0.00	0.0	733.1	749.1	8.00	569.70
73.0	0.00	0.0	717.2	733.1	7.95	569.65
74.0	0.00	0.0	701.4	717.2	7.90	569.60
75.0	0.00	0.0	685.7	701.4	7.85	569.55
76.0	0.00	0.0	670.1	685.7	7.80	569.50
77.0	0.00	0.0	654.6	670.1	7.75	569.45
78.0	0.00	0.0	639.2	654.6	7.70	569.40
79.0	0.00	0.0	623.9	639.2	7.65	569.35
80.0	0.00	0.0	608.8	623.9	7.60	569.30
81.0	0.00	0.0	593.7	608.8	7.54	569.24
82.0	0.00	0.0	578.7	593.7	7.49	569.19
83.0	0.00	0.0	563.8	578.7	7.44	569.14
84.0	0.00	0.0	549.0	563.8	7.39	569.09
85.0	0.00	0.0	534.3	549.0	7.34	569.04
86.0	0.00	0.0	519.7	534.3	7.29	568.99
87.0	0.00	0.0	505.3	519.7	7.24	568.94
88.0	0.00	0.0	490.9	505.3	7.19	568.89
89.0	0.00	0.0	476.6	490.9	7.14	568.84
90.0	0.00	0.0	462.4	476.6	7.09	568.79

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN215 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
91.0	0.00	0.0	448.4	462.4	7.04	568.74
92.0	0.00	0.0	434.4	448.4	6.99	568.69
93.0	0.00	0.0	420.5	434.4	6.94	568.64
94.0	0.00	0.0	406.8	420.5	6.89	568.59
95.0	0.00	0.0	393.1	406.8	6.83	568.53
96.0	0.00	0.0	379.5	393.1	6.78	568.48
97.0	0.00	0.0	366.1	379.5	6.73	568.43
98.0	0.00	0.0	352.7	366.1	6.68	568.38
99.0	0.00	0.0	339.4	352.7	6.63	568.33
100.0	0.00	0.0	326.3	339.4	6.58	568.28
101.0	0.00	0.0	313.2	326.3	6.53	568.23
102.0	0.00	0.0	300.2	313.2	6.48	568.18
103.0	0.00	0.0	287.4	300.2	6.43	568.13
104.0	0.00	0.0	274.6	287.4	6.38	568.08
105.0	0.00	0.0	262.0	274.6	6.33	568.03
106.0	0.00	0.0	249.4	262.0	6.27	567.98
107.0	0.00	0.0	237.0	249.4	6.20	567.92
108.0	0.00	0.0	224.8	237.0	6.12	567.87
109.0	0.00	0.0	212.7	224.8	6.05	567.81
110.0	0.00	0.0	200.7	212.7	5.98	567.76
111.0	0.00	0.0	188.9	200.7	5.91	567.71
112.0	0.00	0.0	177.2	188.9	5.83	567.65
113.0	0.00	0.0	165.8	177.2	5.75	567.58
114.0	0.00	0.0	154.4	165.8	5.66	567.52
115.0	0.00	0.0	143.3	154.4	5.58	567.46
116.0	0.00	0.0	132.3	143.3	5.50	567.40
117.0	0.00	0.0	121.5	132.3	5.40	567.33
118.0	0.00	0.0	110.9	121.5	5.30	567.25
119.0	0.00	0.0	100.4	110.9	5.21	567.18
120.0	0.00	0.0	90.2	100.4	5.11	567.11
121.0	0.00	0.0	80.2	90.2	4.99	567.02
122.0	0.00	0.0	70.5	80.2	4.88	566.93
123.0	0.00	0.0	61.0	70.5	4.76	566.85
124.0	0.00	0.0	51.7	61.0	4.61	566.75
125.0	0.00	0.0	42.9	51.7	4.43	566.64
126.0	0.00	0.0	34.4	42.9	4.25	566.53
127.0	0.00	0.0	26.3	34.4	4.03	566.40
128.0	0.00	0.0	18.7	26.3	3.80	566.26
129.0	0.00	0.0	11.8	18.7	3.46	566.10
130.0	0.00	0.0	5.7	11.8	3.04	565.92
131.0	0.00	0.0	1.0	5.7	2.34	565.65
132.0	0.00	0.0	-0.5	1.0	0.75	565.28
133.0	0.00	0.0	-0.5	-0.5	0.00	565.00
134.0	0.00	0.0	-0.5	-0.5	0.00	565.00
135.0	0.00	0.0	-0.5	-0.5	0.00	565.00
136.0	0.00	0.0	-0.5	-0.5	0.00	565.00

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN215 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
137.0	0.00	0.0	-0.5	-0.5	0.00	565.00
138.0	0.00	0.0	-0.5	-0.5	0.00	565.00
139.0	0.00	0.0	-0.5	-0.5	0.00	565.00
140.0	0.00	0.0	-0.5	-0.5	0.00	565.00
141.0	0.00	0.0	-0.5	-0.5	0.00	565.00
142.0	0.00	0.0	-0.5	-0.5	0.00	565.00
143.0	0.00	0.0	-0.5	-0.5	0.00	565.00
144.0	0.00	0.0	-0.5	-0.5	0.00	565.00
145.0	0.00	0.0	-0.5	-0.5	0.00	565.00
146.0	0.00	0.0	-0.5	-0.5	0.00	565.00
147.0	0.00	0.0	-0.5	-0.5	0.00	565.00
148.0	0.00	0.0	-0.5	-0.5	0.00	565.00
149.0	0.00	0.0	-0.5	-0.5	0.00	565.00
150.0	0.00	0.0	-0.5	-0.5	0.00	565.00
151.0	0.00	0.0	-0.5	-0.5	0.00	565.00
152.0	0.00	0.0	-0.5	-0.5	0.00	565.00
153.0	0.00	0.0	-0.5	-0.5	0.00	565.00
154.0	0.00	0.0	-0.5	-0.5	0.00	565.00
155.0	0.00	0.0	-0.5	-0.5	0.00	565.00
156.0	0.00	0.0	-0.5	-0.5	0.00	565.00
157.0	0.00	0.0	-0.5	-0.5	0.00	565.00
158.0	0.00	0.0	-0.5	-0.5	0.00	565.00
159.0	0.00	0.0	-0.5	-0.5	0.00	565.00
160.0	0.00	0.0	-0.5	-0.5	0.00	565.00
161.0	0.00	0.0	-0.5	-0.5	0.00	565.00
162.0	0.00	0.0	-0.5	-0.5	0.00	565.00
163.0	0.00	0.0	-0.5	-0.5	0.00	565.00
164.0	0.00	0.0	-0.5	-0.5	0.00	565.00
165.0	0.00	0.0	-0.5	-0.5	0.00	565.00
166.0	0.00	0.0	-0.5	-0.5	0.00	565.00
167.0	0.00	0.0	-0.5	-0.5	0.00	565.00
168.0	0.00	0.0	-0.5	-0.5	0.00	565.00
169.0	0.00	0.0	-0.5	-0.5	0.00	565.00
170.0	0.00	0.0	-0.5	-0.5	0.00	565.00
171.0	0.00	0.0	-0.5	-0.5	0.00	565.00
172.0	0.00	0.0	-0.5	-0.5	0.00	565.00
173.0	0.00	0.0	-0.5	-0.5	0.00	565.00
174.0	0.00	0.0	-0.5	-0.5	0.00	565.00
175.0	0.00	0.0	-0.5	-0.5	0.00	565.00
176.0	0.00	0.0	-0.5	-0.5	0.00	565.00
177.0	0.00	0.0	-0.5	-0.5	0.00	565.00
178.0	0.00	0.0	-0.5	-0.5	0.00	565.00
179.0	0.00	0.0	-0.5	-0.5	0.00	565.00
180.0	0.00	0.0	-0.5	-0.5	0.00	565.00
181.0	0.00	0.0	-0.5	-0.5	0.00	565.00
182.0	0.00	0.0	-0.5	-0.5	0.00	565.00

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN215 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
183.0	0.00	0.0	-0.5	-0.5	0.00	565.00
184.0	0.00	0.0	-0.5	-0.5	0.00	565.00
185.0	0.00	0.0	-0.5	-0.5	0.00	565.00
186.0	0.00	0.0	-0.5	-0.5	0.00	565.00
187.0	0.00	0.0	-0.5	-0.5	0.00	565.00
188.0	0.00	0.0	-0.5	-0.5	0.00	565.00
189.0	0.00	0.0	-0.5	-0.5	0.00	565.00
190.0	0.00	0.0	-0.5	-0.5	0.00	565.00
191.0	0.00	0.0	-0.5	-0.5	0.00	565.00
192.0	0.00	0.0	-0.5	-0.5	0.00	565.00
193.0	0.00	0.0	-0.5	-0.5	0.00	565.00
194.0	0.00	0.0	-0.5	-0.5	0.00	565.00
195.0	0.00	0.0	-0.5	-0.5	0.00	565.00
196.0	0.00	0.0	-0.5	-0.5	0.00	565.00
197.0	0.00	0.0	-0.5	-0.5	0.00	565.00
198.0	0.00	0.0	-0.5	-0.5	0.00	565.00
199.0	0.00	0.0	-0.5	-0.5	0.00	565.00
200.0	0.00	0.0	-0.5	-0.5	0.00	565.00
201.0	0.00	0.0	-0.5	-0.5	0.00	565.00
202.0	0.00	0.0	-0.5	-0.5	0.00	565.00
203.0	0.00	0.0	-0.5	-0.5	0.00	565.00
204.0	0.00	0.0	-0.5	-0.5	0.00	565.00
205.0	0.00	0.0	-0.5	-0.5	0.00	565.00
206.0	0.00	0.0	-0.5	-0.5	0.00	565.00
207.0	0.00	0.0	-0.5	-0.5	0.00	565.00
208.0	0.00	0.0	-0.5	-0.5	0.00	565.00
209.0	0.00	0.0	-0.5	-0.5	0.00	565.00
210.0	0.00	0.0	-0.5	-0.5	0.00	565.00
211.0	0.00	0.0	-0.5	-0.5	0.00	565.00
212.0	0.00	0.0	-0.5	-0.5	0.00	565.00
213.0	0.00	0.0	-0.5	-0.5	0.00	565.00
214.0	0.00	0.0	-0.5	-0.5	0.00	565.00
215.0	0.00	0.0	-0.5	-0.5	0.00	565.00
216.0	0.00	0.0	-0.5	-0.5	0.00	565.00
217.0	0.00	0.0	-0.5	-0.5	0.00	565.00
218.0	0.00	0.0	-0.5	-0.5	0.00	565.00
219.0	0.00	0.0	-0.5	-0.5	0.00	565.00
220.0	0.00	0.0	-0.5	-0.5	0.00	565.00
221.0	0.00	0.0	-0.5	-0.5	0.00	565.00
222.0	0.00	0.0	-0.5	-0.5	0.00	565.00
223.0	0.00	0.0	-0.5	-0.5	0.00	565.00
224.0	0.00	0.0	-0.5	-0.5	0.00	565.00
225.0	0.00	0.0	-0.5	-0.5	0.00	565.00
226.0	0.00	0.0	-0.5	-0.5	0.00	565.00
227.0	0.00	0.0	-0.5	-0.5	0.00	565.00
228.0	0.00	0.0	-0.5	-0.5	0.00	565.00

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN215 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
229.0	0.00	0.0	-0.5	-0.5	0.00	565.00
230.0	0.00	0.0	-0.5	-0.5	0.00	565.00
231.0	0.00	0.0	-0.5	-0.5	0.00	565.00
232.0	0.00	0.0	-0.5	-0.5	0.00	565.00
233.0	0.00	0.0	-0.5	-0.5	0.00	565.00
234.0	0.00	0.0	-0.5	-0.5	0.00	565.00
235.0	0.00	0.0	-0.5	-0.5	0.00	565.00
236.0	0.00	0.0	-0.5	-0.5	0.00	565.00
237.0	0.00	0.0	-0.5	-0.5	0.00	565.00
238.0	0.00	0.0	-0.5	-0.5	0.00	565.00
239.0	0.00	0.0	-0.5	-0.5	0.00	565.00
240.0	0.00	0.0	-0.5	-0.5	0.00	565.00
241.0	0.00	0.0	-0.5	-0.5	0.00	565.00
242.0	0.00	0.0	-0.5	-0.5	0.00	565.00
243.0	0.00	0.0	-0.5	-0.5	0.00	565.00
244.0	0.00	0.0	-0.5	-0.5	0.00	565.00
245.0	0.00	0.0	-0.5	-0.5	0.00	565.00
246.0	0.00	0.0	-0.5	-0.5	0.00	565.00
247.0	0.00	0.0	-0.5	-0.5	0.00	565.00
248.0	0.00	0.0	-0.5	-0.5	0.00	565.00
249.0	0.00	0.0	-0.5	-0.5	0.00	565.00
250.0	0.00	0.0	-0.5	-0.5	0.00	565.00
251.0	0.00	0.0	-0.5	-0.5	0.00	565.00
252.0	0.00	0.0	-0.5	-0.5	0.00	565.00
253.0	0.00	0.0	-0.5	-0.5	0.00	565.00
254.0	0.00	0.0	-0.5	-0.5	0.00	565.00
255.0	0.00	0.0	-0.5	-0.5	0.00	565.00
256.0	0.00	0.0	-0.5	-0.5	0.00	565.00
257.0	0.00	0.0	-0.5	-0.5	0.00	565.00
258.0	0.00	0.0	-0.5	-0.5	0.00	565.00
259.0	0.00	0.0	-0.5	-0.5	0.00	565.00
260.0	0.00	0.0	-0.5	-0.5	0.00	565.00
261.0	0.00	0.0	-0.5	-0.5	0.00	565.00
262.0	0.00	0.0	-0.5	-0.5	0.00	565.00
263.0	0.00	0.0	-0.5	-0.5	0.00	565.00
264.0	0.00	0.0	-0.5	-0.5	0.00	565.00
265.0	0.00	0.0	-0.5	-0.5	0.00	565.00
266.0	0.00	0.0	-0.5	-0.5	0.00	565.00
267.0	0.00	0.0	-0.5	-0.5	0.00	565.00
268.0	0.00	0.0	-0.5	-0.5	0.00	565.00
269.0	0.00	0.0	-0.5	-0.5	0.00	565.00
270.0	0.00	0.0	-0.5	-0.5	0.00	565.00
271.0	0.00	0.0	-0.5	-0.5	0.00	565.00
272.0	0.00	0.0	-0.5	-0.5	0.00	565.00
273.0	0.00	0.0	-0.5	-0.5	0.00	565.00
274.0	0.00	0.0	-0.5	-0.5	0.00	565.00

Pond File: j:\DATA\0306147\BASIN2 .PND
 flow Hydrograph: j:\DATA\0306147\15BASN2 .HYD
 cflow Hydrograph: j:\DATA\0306147\BASN215 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
275.0	0.00	0.0	-0.5	-0.5	0.00	565.00
276.0	0.00	0.0	-0.5	-0.5	0.00	565.00
277.0	0.00	0.0	-0.5	-0.5	0.00	565.00
278.0	0.00	0.0	-0.5	-0.5	0.00	565.00
279.0	0.00	0.0	-0.5	-0.5	0.00	565.00
280.0	0.00	0.0	-0.5	-0.5	0.00	565.00
281.0	0.00	0.0	-0.5	-0.5	0.00	565.00
282.0	0.00	0.0	-0.5	-0.5	0.00	565.00
283.0	0.00	0.0	-0.5	-0.5	0.00	565.00
284.0	0.00	0.0	-0.5	-0.5	0.00	565.00
285.0	0.00	0.0	-0.5	-0.5	0.00	565.00
286.0	0.00	0.0	-0.5	-0.5	0.00	565.00
287.0	0.00	0.0	-0.5	-0.5	0.00	565.00
288.0	0.00	0.0	-0.5	-0.5	0.00	565.00
289.0	0.00	0.0	-0.5	-0.5	0.00	565.00
290.0	0.00	0.0	-0.5	-0.5	0.00	565.00
291.0	0.00	0.0	-0.5	-0.5	0.00	565.00
292.0	0.00	0.0	-0.5	-0.5	0.00	565.00
293.0	0.00	0.0	-0.5	-0.5	0.00	565.00
294.0	0.00	0.0	-0.5	-0.5	0.00	565.00
295.0	0.00	0.0	-0.5	-0.5	0.00	565.00
296.0	0.00	0.0	-0.5	-0.5	0.00	565.00
297.0	0.00	0.0	-0.5	-0.5	0.00	565.00
298.0	0.00	0.0	-0.5	-0.5	0.00	565.00
299.0	0.00	0.0	-0.5	-0.5	0.00	565.00
300.0	0.00	0.0	-0.5	-0.5	0.00	565.00
301.0	0.00	0.0	-0.5	-0.5	0.00	565.00
302.0	0.00	0.0	-0.5	-0.5	0.00	565.00
303.0	0.00	0.0	-0.5	-0.5	0.00	565.00

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN2 .PND
Inflow Hydrograph: j:\DATA\0306147\15BASIN2 .HYD
Outflow Hydrograph: j:\DATA\0306147\BASIN215 .HYD

Starting Pond W.S. Elevation = 565.00 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 73.39 cfs
Peak Outflow = 57.59 cfs
Peak Elevation = 572.32 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 0 cu-ft
Peak Storage From Storm = 51,451 cu-ft

Total Storage in Pond = 51,451 cu-ft

 *
 * FOX HAVEN *
 * DETENTION ANALYSIS *
 * DETENTION BASIN #2 *
 * *
 * *

Inflow Hydrograph: j:\DATA\0306147\25BASN2 .HYD
 Rating Table file: j:\DATA\0306147\BASIN2 .PND

----INITIAL CONDITIONS----
 Elevation = 565.00 ft
 Outflow = 0.00 cfs
 Storage = 0 cu-ft

GIVEN POND DATA

INTERMEDIATE ROUTING
 COMPUTATIONS

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
565.00	0.0	0	0.0	0.0
565.30	0.8	9	0.3	1.1
565.60	2.2	72	2.4	4.6
565.90	3.0	243	8.1	11.1
566.20	3.7	570	19.0	22.7
566.50	4.2	1,082	36.1	40.3
566.80	4.7	1,819	60.6	65.3
567.10	5.1	2,821	94.0	99.1
567.40	5.5	4,129	137.6	143.1
567.70	5.9	5,785	192.8	198.7
568.00	6.3	7,828	260.9	267.2
568.30	6.6	10,128	337.6	344.2
568.60	6.9	12,527	417.6	424.5
568.90	7.2	15,028	500.9	508.1
569.20	7.5	17,632	587.7	595.2
569.50	7.8	20,342	678.1	685.9
569.80	8.1	23,159	772.0	780.1
570.10	8.3	26,086	869.5	877.8
570.40	8.6	29,128	970.9	979.5
570.70	8.8	32,285	1076.2	1085.0
571.00	9.1	35,562	1185.4	1194.5
571.30	9.3	38,958	1298.6	1307.9
571.60	11.5	42,478	1415.9	1427.4
571.90	25.9	46,124	1537.5	1563.4
572.20	47.3	49,913	1663.8	1711.1
572.50	74.0	53,904	1796.8	1870.8
572.80	104.9	58,106	1936.9	2041.8
573.10	139.3	62,526	2084.2	2223.5
573.40	160.5	67,168	2238.9	2399.4
573.70	179.1	72,036	2401.2	2580.3
574.00	195.9	77,139	2571.3	2767.2

Time increment (t) = 1.0 min.

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN2 .HYD
 :flow Hydrograph: j:\DATA\0306147\BASIN225 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	0.0	0.0	0.00	565.00
1.0	9.06	9.1	3.6	9.1	2.75	565.81
2.0	18.13	27.2	22.9	30.8	3.93	566.34
3.0	27.19	45.3	58.7	68.2	4.73	566.83
4.0	27.19	54.4	102.7	113.1	5.23	567.20
5.0	36.25	63.4	154.8	166.1	5.67	567.52
6.0	45.31	81.6	224.1	236.3	6.12	567.86
7.0	54.38	99.7	310.8	323.8	6.52	568.22
8.0	63.44	117.8	414.7	428.6	6.91	568.61
9.0	72.50	135.9	536.0	550.7	7.35	569.05
10.0	72.50	145.0	665.4	681.0	7.78	569.48
11.0	81.57	154.1	803.1	819.5	8.18	569.92
12.0	90.63	172.2	958.2	975.3	8.59	570.39
13.0	90.63	181.3	1121.5	1139.4	8.95	570.85
14.0	90.63	181.3	1284.2	1302.8	9.29	571.29
15.0	90.63	181.3	1434.4	1465.5	15.53	571.68
16.0	90.63	181.3	1548.7	1615.7	33.48	572.01
17.0	90.63	181.3	1629.1	1730.0	50.46	572.24
18.0	90.63	181.3	1682.5	1810.3	63.89	572.39
19.0	90.63	181.3	1718.1	1863.8	72.83	572.49
20.0	90.63	181.3	1741.1	1899.4	79.17	572.55
21.0	81.57	172.2	1749.9	1913.3	81.67	572.57
22.0	72.50	154.1	1744.0	1904.0	80.00	572.56
23.0	63.44	135.9	1728.6	1879.9	75.65	572.52
24.0	63.44	126.9	1712.6	1855.5	71.44	572.47
25.0	54.38	117.8	1695.9	1830.4	67.25	572.42
26.0	45.31	99.7	1672.8	1795.6	61.43	572.36
27.0	36.25	81.6	1645.3	1754.3	54.53	572.28
28.0	27.19	63.4	1614.8	1708.7	46.96	572.20
29.0	18.13	45.3	1580.3	1660.1	39.92	572.10
30.0	18.13	36.3	1549.3	1616.5	33.60	572.01
31.0	9.06	27.2	1520.9	1576.5	27.80	571.93
32.0	0.00	9.1	1485.2	1530.0	22.36	571.83
33.0	0.00	0.0	1450.0	1485.2	17.62	571.73
34.0	0.00	0.0	1422.2	1450.0	13.89	571.65
35.0	0.00	0.0	1399.4	1422.2	11.40	571.59
36.0	0.00	0.0	1377.4	1399.4	10.98	571.53
37.0	0.00	0.0	1356.3	1377.4	10.58	571.47
38.0	0.00	0.0	1335.9	1356.3	10.19	571.42
39.0	0.00	0.0	1316.3	1335.9	9.82	571.37
40.0	0.00	0.0	1297.4	1316.3	9.45	571.32
41.0	0.00	0.0	1278.8	1297.4	9.28	571.27
42.0	0.00	0.0	1260.3	1278.8	9.25	571.22
43.0	0.00	0.0	1241.9	1260.3	9.22	571.17
44.0	0.00	0.0	1223.5	1241.9	9.18	571.13

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN225 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
45.0	0.00	0.0	1205.2	1223.5	9.15	571.08
46.0	0.00	0.0	1187.0	1205.2	9.12	571.03
47.0	0.00	0.0	1168.8	1187.0	9.08	570.98
48.0	0.00	0.0	1150.7	1168.8	9.03	570.93
49.0	0.00	0.0	1132.8	1150.7	8.98	570.88
50.0	0.00	0.0	1114.9	1132.8	8.93	570.83
51.0	0.00	0.0	1097.2	1114.9	8.88	570.78
52.0	0.00	0.0	1079.5	1097.2	8.83	570.73
53.0	0.00	0.0	1061.9	1079.5	8.79	570.68
54.0	0.00	0.0	1044.4	1061.9	8.76	570.63
55.0	0.00	0.0	1027.0	1044.4	8.72	570.58
56.0	0.00	0.0	1009.6	1027.0	8.69	570.53
57.0	0.00	0.0	992.3	1009.6	8.66	570.49
58.0	0.00	0.0	975.0	992.3	8.62	570.44
59.0	0.00	0.0	957.8	975.0	8.59	570.39
60.0	0.00	0.0	940.8	957.8	8.54	570.34
61.0	0.00	0.0	923.8	940.8	8.49	570.29
62.0	0.00	0.0	906.9	923.8	8.44	570.24
63.0	0.00	0.0	890.2	906.9	8.39	570.19
64.0	0.00	0.0	873.5	890.2	8.34	570.14
65.0	0.00	0.0	856.9	873.5	8.29	570.09
66.0	0.00	0.0	840.4	856.9	8.26	570.04
67.0	0.00	0.0	823.9	840.4	8.22	569.99
68.0	0.00	0.0	807.6	823.9	8.19	569.93
69.0	0.00	0.0	791.2	807.6	8.16	569.88
70.0	0.00	0.0	775.0	791.2	8.12	569.83
71.0	0.00	0.0	758.8	775.0	8.08	569.78
72.0	0.00	0.0	742.8	758.8	8.03	569.73
73.0	0.00	0.0	726.8	742.8	7.98	569.68
74.0	0.00	0.0	710.9	726.8	7.93	569.63
75.0	0.00	0.0	695.2	710.9	7.88	569.58
76.0	0.00	0.0	679.5	695.2	7.83	569.53
77.0	0.00	0.0	664.0	679.5	7.78	569.48
78.0	0.00	0.0	648.5	664.0	7.73	569.43
79.0	0.00	0.0	633.2	648.5	7.68	569.38
80.0	0.00	0.0	617.9	633.2	7.63	569.33
81.0	0.00	0.0	602.8	617.9	7.58	569.28
82.0	0.00	0.0	587.7	602.8	7.52	569.22
83.0	0.00	0.0	572.8	587.7	7.47	569.17
84.0	0.00	0.0	557.9	572.8	7.42	569.12
85.0	0.00	0.0	543.2	557.9	7.37	569.07
86.0	0.00	0.0	528.5	543.2	7.32	569.02
87.0	0.00	0.0	514.0	528.5	7.27	568.97
88.0	0.00	0.0	499.6	514.0	7.22	568.92
89.0	0.00	0.0	485.2	499.6	7.17	568.87
90.0	0.00	0.0	471.0	485.2	7.12	568.82

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN225 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
91.0	0.00	0.0	456.8	471.0	7.07	568.77
92.0	0.00	0.0	442.8	456.8	7.02	568.72
93.0	0.00	0.0	428.9	442.8	6.97	568.67
94.0	0.00	0.0	415.0	428.9	6.92	568.62
95.0	0.00	0.0	401.3	415.0	6.86	568.56
96.0	0.00	0.0	387.7	401.3	6.81	568.51
97.0	0.00	0.0	374.2	387.7	6.76	568.46
98.0	0.00	0.0	360.7	374.2	6.71	568.41
99.0	0.00	0.0	347.4	360.7	6.66	568.36
100.0	0.00	0.0	334.2	347.4	6.61	568.31
101.0	0.00	0.0	321.1	334.2	6.56	568.26
102.0	0.00	0.0	308.1	321.1	6.51	568.21
103.0	0.00	0.0	295.1	308.1	6.46	568.16
104.0	0.00	0.0	282.3	295.1	6.41	568.11
105.0	0.00	0.0	269.6	282.3	6.36	568.06
106.0	0.00	0.0	257.0	269.6	6.31	568.01
107.0	0.00	0.0	244.5	257.0	6.24	567.96
108.0	0.00	0.0	232.2	244.5	6.17	567.90
109.0	0.00	0.0	220.0	232.2	6.10	567.85
110.0	0.00	0.0	207.9	220.0	6.02	567.79
111.0	0.00	0.0	196.0	207.9	5.95	567.74
112.0	0.00	0.0	184.3	196.0	5.88	567.69
113.0	0.00	0.0	172.7	184.3	5.80	567.62
114.0	0.00	0.0	161.2	172.7	5.71	567.56
115.0	0.00	0.0	150.0	161.2	5.63	567.50
116.0	0.00	0.0	138.9	150.0	5.55	567.44
117.0	0.00	0.0	128.0	138.9	5.46	567.37
118.0	0.00	0.0	117.2	128.0	5.36	567.30
119.0	0.00	0.0	106.7	117.2	5.26	567.22
120.0	0.00	0.0	96.4	106.7	5.17	567.15
121.0	0.00	0.0	86.2	96.4	5.07	567.08
122.0	0.00	0.0	76.3	86.2	4.95	566.99
123.0	0.00	0.0	66.7	76.3	4.83	566.90
124.0	0.00	0.0	57.2	66.7	4.72	566.81
125.0	0.00	0.0	48.2	57.2	4.54	566.70
126.0	0.00	0.0	39.5	48.2	4.36	566.59
127.0	0.00	0.0	31.1	39.5	4.18	566.49
128.0	0.00	0.0	23.2	31.1	3.94	566.34
129.0	0.00	0.0	15.8	23.2	3.71	566.21
130.0	0.00	0.0	9.2	15.8	3.28	566.02
131.0	0.00	0.0	3.7	9.2	2.77	565.81
132.0	0.00	0.0	0.0	3.7	1.84	565.52
133.0	0.00	0.0	-0.0	0.0	0.01	565.00
134.0	0.00	0.0	-0.0	-0.0	0.00	565.00
135.0	0.00	0.0	-0.0	-0.0	0.00	565.00
136.0	0.00	0.0	-0.0	-0.0	0.00	565.00

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASN225 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
137.0	0.00	0.0	-0.0	-0.0	0.00	565.00
138.0	0.00	0.0	-0.0	-0.0	0.00	565.00
139.0	0.00	0.0	-0.0	-0.0	0.00	565.00
140.0	0.00	0.0	-0.0	-0.0	0.00	565.00
141.0	0.00	0.0	-0.0	-0.0	0.00	565.00
142.0	0.00	0.0	-0.0	-0.0	0.00	565.00
143.0	0.00	0.0	-0.0	-0.0	0.00	565.00
144.0	0.00	0.0	-0.0	-0.0	0.00	565.00
145.0	0.00	0.0	-0.0	-0.0	0.00	565.00
146.0	0.00	0.0	-0.0	-0.0	0.00	565.00
147.0	0.00	0.0	-0.0	-0.0	0.00	565.00
148.0	0.00	0.0	-0.0	-0.0	0.00	565.00
149.0	0.00	0.0	-0.0	-0.0	0.00	565.00
150.0	0.00	0.0	-0.0	-0.0	0.00	565.00
151.0	0.00	0.0	-0.0	-0.0	0.00	565.00
152.0	0.00	0.0	-0.0	-0.0	0.00	565.00
153.0	0.00	0.0	-0.0	-0.0	0.00	565.00
154.0	0.00	0.0	-0.0	-0.0	0.00	565.00
155.0	0.00	0.0	-0.0	-0.0	0.00	565.00
156.0	0.00	0.0	-0.0	-0.0	0.00	565.00
157.0	0.00	0.0	-0.0	-0.0	0.00	565.00
158.0	0.00	0.0	-0.0	-0.0	0.00	565.00
159.0	0.00	0.0	-0.0	-0.0	0.00	565.00
160.0	0.00	0.0	-0.0	-0.0	0.00	565.00
161.0	0.00	0.0	-0.0	-0.0	0.00	565.00
162.0	0.00	0.0	-0.0	-0.0	0.00	565.00
163.0	0.00	0.0	-0.0	-0.0	0.00	565.00
164.0	0.00	0.0	-0.0	-0.0	0.00	565.00
165.0	0.00	0.0	-0.0	-0.0	0.00	565.00
166.0	0.00	0.0	-0.0	-0.0	0.00	565.00
167.0	0.00	0.0	-0.0	-0.0	0.00	565.00
168.0	0.00	0.0	-0.0	-0.0	0.00	565.00
169.0	0.00	0.0	-0.0	-0.0	0.00	565.00
170.0	0.00	0.0	-0.0	-0.0	0.00	565.00
171.0	0.00	0.0	-0.0	-0.0	0.00	565.00
172.0	0.00	0.0	-0.0	-0.0	0.00	565.00
173.0	0.00	0.0	-0.0	-0.0	0.00	565.00
174.0	0.00	0.0	-0.0	-0.0	0.00	565.00
175.0	0.00	0.0	-0.0	-0.0	0.00	565.00
176.0	0.00	0.0	-0.0	-0.0	0.00	565.00
177.0	0.00	0.0	-0.0	-0.0	0.00	565.00
178.0	0.00	0.0	-0.0	-0.0	0.00	565.00
179.0	0.00	0.0	-0.0	-0.0	0.00	565.00
180.0	0.00	0.0	-0.0	-0.0	0.00	565.00
181.0	0.00	0.0	-0.0	-0.0	0.00	565.00
182.0	0.00	0.0	-0.0	-0.0	0.00	565.00

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN225 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
183.0	0.00	0.0	-0.0	-0.0	0.00	565.00
184.0	0.00	0.0	-0.0	-0.0	0.00	565.00
185.0	0.00	0.0	-0.0	-0.0	0.00	565.00
186.0	0.00	0.0	-0.0	-0.0	0.00	565.00
187.0	0.00	0.0	-0.0	-0.0	0.00	565.00
188.0	0.00	0.0	-0.0	-0.0	0.00	565.00
189.0	0.00	0.0	-0.0	-0.0	0.00	565.00
190.0	0.00	0.0	-0.0	-0.0	0.00	565.00
191.0	0.00	0.0	-0.0	-0.0	0.00	565.00
192.0	0.00	0.0	-0.0	-0.0	0.00	565.00
193.0	0.00	0.0	-0.0	-0.0	0.00	565.00
194.0	0.00	0.0	-0.0	-0.0	0.00	565.00
195.0	0.00	0.0	-0.0	-0.0	0.00	565.00
196.0	0.00	0.0	-0.0	-0.0	0.00	565.00
197.0	0.00	0.0	-0.0	-0.0	0.00	565.00
198.0	0.00	0.0	-0.0	-0.0	0.00	565.00
199.0	0.00	0.0	-0.0	-0.0	0.00	565.00
200.0	0.00	0.0	-0.0	-0.0	0.00	565.00
201.0	0.00	0.0	-0.0	-0.0	0.00	565.00
202.0	0.00	0.0	-0.0	-0.0	0.00	565.00
203.0	0.00	0.0	-0.0	-0.0	0.00	565.00
204.0	0.00	0.0	-0.0	-0.0	0.00	565.00
205.0	0.00	0.0	-0.0	-0.0	0.00	565.00
206.0	0.00	0.0	-0.0	-0.0	0.00	565.00
207.0	0.00	0.0	-0.0	-0.0	0.00	565.00
208.0	0.00	0.0	-0.0	-0.0	0.00	565.00
209.0	0.00	0.0	-0.0	-0.0	0.00	565.00
210.0	0.00	0.0	-0.0	-0.0	0.00	565.00
211.0	0.00	0.0	-0.0	-0.0	0.00	565.00
212.0	0.00	0.0	-0.0	-0.0	0.00	565.00
213.0	0.00	0.0	-0.0	-0.0	0.00	565.00
214.0	0.00	0.0	-0.0	-0.0	0.00	565.00
215.0	0.00	0.0	-0.0	-0.0	0.00	565.00
216.0	0.00	0.0	-0.0	-0.0	0.00	565.00
217.0	0.00	0.0	-0.0	-0.0	0.00	565.00
218.0	0.00	0.0	-0.0	-0.0	0.00	565.00
219.0	0.00	0.0	-0.0	-0.0	0.00	565.00
220.0	0.00	0.0	-0.0	-0.0	0.00	565.00
221.0	0.00	0.0	-0.0	-0.0	0.00	565.00
222.0	0.00	0.0	-0.0	-0.0	0.00	565.00
223.0	0.00	0.0	-0.0	-0.0	0.00	565.00
224.0	0.00	0.0	-0.0	-0.0	0.00	565.00
225.0	0.00	0.0	-0.0	-0.0	0.00	565.00
226.0	0.00	0.0	-0.0	-0.0	0.00	565.00
227.0	0.00	0.0	-0.0	-0.0	0.00	565.00
228.0	0.00	0.0	-0.0	-0.0	0.00	565.00

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN225 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
229.0	0.00	0.0	-0.0	-0.0	0.00	565.00
230.0	0.00	0.0	-0.0	-0.0	0.00	565.00
231.0	0.00	0.0	-0.0	-0.0	0.00	565.00
232.0	0.00	0.0	-0.0	-0.0	0.00	565.00
233.0	0.00	0.0	-0.0	-0.0	0.00	565.00
234.0	0.00	0.0	-0.0	-0.0	0.00	565.00
235.0	0.00	0.0	-0.0	-0.0	0.00	565.00
236.0	0.00	0.0	-0.0	-0.0	0.00	565.00
237.0	0.00	0.0	-0.0	-0.0	0.00	565.00
238.0	0.00	0.0	-0.0	-0.0	0.00	565.00
239.0	0.00	0.0	-0.0	-0.0	0.00	565.00
240.0	0.00	0.0	-0.0	-0.0	0.00	565.00
241.0	0.00	0.0	-0.0	-0.0	0.00	565.00
242.0	0.00	0.0	-0.0	-0.0	0.00	565.00
243.0	0.00	0.0	-0.0	-0.0	0.00	565.00
244.0	0.00	0.0	-0.0	-0.0	0.00	565.00
245.0	0.00	0.0	-0.0	-0.0	0.00	565.00
246.0	0.00	0.0	-0.0	-0.0	0.00	565.00
247.0	0.00	0.0	-0.0	-0.0	0.00	565.00
248.0	0.00	0.0	-0.0	-0.0	0.00	565.00
249.0	0.00	0.0	-0.0	-0.0	0.00	565.00
250.0	0.00	0.0	-0.0	-0.0	0.00	565.00
251.0	0.00	0.0	-0.0	-0.0	0.00	565.00
252.0	0.00	0.0	-0.0	-0.0	0.00	565.00
253.0	0.00	0.0	-0.0	-0.0	0.00	565.00
254.0	0.00	0.0	-0.0	-0.0	0.00	565.00
255.0	0.00	0.0	-0.0	-0.0	0.00	565.00
256.0	0.00	0.0	-0.0	-0.0	0.00	565.00
257.0	0.00	0.0	-0.0	-0.0	0.00	565.00
258.0	0.00	0.0	-0.0	-0.0	0.00	565.00
259.0	0.00	0.0	-0.0	-0.0	0.00	565.00
260.0	0.00	0.0	-0.0	-0.0	0.00	565.00
261.0	0.00	0.0	-0.0	-0.0	0.00	565.00
262.0	0.00	0.0	-0.0	-0.0	0.00	565.00
263.0	0.00	0.0	-0.0	-0.0	0.00	565.00
264.0	0.00	0.0	-0.0	-0.0	0.00	565.00
265.0	0.00	0.0	-0.0	-0.0	0.00	565.00
266.0	0.00	0.0	-0.0	-0.0	0.00	565.00
267.0	0.00	0.0	-0.0	-0.0	0.00	565.00
268.0	0.00	0.0	-0.0	-0.0	0.00	565.00
269.0	0.00	0.0	-0.0	-0.0	0.00	565.00
270.0	0.00	0.0	-0.0	-0.0	0.00	565.00
271.0	0.00	0.0	-0.0	-0.0	0.00	565.00
272.0	0.00	0.0	-0.0	-0.0	0.00	565.00
273.0	0.00	0.0	-0.0	-0.0	0.00	565.00
274.0	0.00	0.0	-0.0	-0.0	0.00	565.00

Pond File: j:\DATA\0306147\BASIN2 .PND
 ~ flow Hydrograph: j:\DATA\0306147\25BASN2 .HYD
 \ cflow Hydrograph: j:\DATA\0306147\BASN225 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
275.0	0.00	0.0	-0.0	-0.0	0.00	565.00
276.0	0.00	0.0	-0.0	-0.0	0.00	565.00
277.0	0.00	0.0	-0.0	-0.0	0.00	565.00
278.0	0.00	0.0	-0.0	-0.0	0.00	565.00
279.0	0.00	0.0	-0.0	-0.0	0.00	565.00
280.0	0.00	0.0	-0.0	-0.0	0.00	565.00
281.0	0.00	0.0	-0.0	-0.0	0.00	565.00
282.0	0.00	0.0	-0.0	-0.0	0.00	565.00
283.0	0.00	0.0	-0.0	-0.0	0.00	565.00
284.0	0.00	0.0	-0.0	-0.0	0.00	565.00
285.0	0.00	0.0	-0.0	-0.0	0.00	565.00
286.0	0.00	0.0	-0.0	-0.0	0.00	565.00
287.0	0.00	0.0	-0.0	-0.0	0.00	565.00
288.0	0.00	0.0	-0.0	-0.0	0.00	565.00
289.0	0.00	0.0	-0.0	-0.0	0.00	565.00
290.0	0.00	0.0	-0.0	-0.0	0.00	565.00
291.0	0.00	0.0	-0.0	-0.0	0.00	565.00
292.0	0.00	0.0	-0.0	-0.0	0.00	565.00
293.0	0.00	0.0	-0.0	-0.0	0.00	565.00
294.0	0.00	0.0	-0.0	-0.0	0.00	565.00
295.0	0.00	0.0	-0.0	-0.0	0.00	565.00
296.0	0.00	0.0	-0.0	-0.0	0.00	565.00
297.0	0.00	0.0	-0.0	-0.0	0.00	565.00
298.0	0.00	0.0	-0.0	-0.0	0.00	565.00
299.0	0.00	0.0	-0.0	-0.0	0.00	565.00
300.0	0.00	0.0	-0.0	-0.0	0.00	565.00
301.0	0.00	0.0	-0.0	-0.0	0.00	565.00
302.0	0.00	0.0	-0.0	-0.0	0.00	565.00
303.0	0.00	0.0	-0.0	-0.0	0.00	565.00

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN2 .PND
Inflow Hydrograph: j:\DATA\0306147\25BASN2 .HYD
Outflow Hydrograph: j:\DATA\0306147\BASN225 .HYD

Starting Pond W.S. Elevation = 565.00 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 90.63 cfs
Peak Outflow = 81.67 cfs
Peak Elevation = 572.57 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 0 cu-ft
Peak Storage From Storm = 54,948 cu-ft

Total Storage in Pond = 54,948 cu-ft

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*****
*
*          FOX HAVEN          *
*  DETENTION ANALYSIS      *
*  DETENTION BASIN #2      *
*
*
*
*****
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Inflow Hydrograph: j:\DATA\0306147\100BASIN2.HYD
 Rating Table file: j:\DATA\0306147\BASIN2 .PND

----INITIAL CONDITIONS----
 Elevation = 565.00 ft
 Outflow = 0.00 cfs
 Storage = 0 cu-ft

GIVEN POND DATA

INTERMEDIATE ROUTING
 COMPUTATIONS

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
565.00	0.0	0	0.0	0.0
565.30	0.8	9	0.3	1.1
565.60	2.2	72	2.4	4.6
565.90	3.0	243	8.1	11.1
566.20	3.7	570	19.0	22.7
566.50	4.2	1,082	36.1	40.3
566.80	4.7	1,819	60.6	65.3
567.10	5.1	2,821	94.0	99.1
567.40	5.5	4,129	137.6	143.1
567.70	5.9	5,785	192.8	198.7
568.00	6.3	7,828	260.9	267.2
568.30	6.6	10,128	337.6	344.2
568.60	6.9	12,527	417.6	424.5
568.90	7.2	15,028	500.9	508.1
569.20	7.5	17,632	587.7	595.2
569.50	7.8	20,342	678.1	685.9
569.80	8.1	23,159	772.0	780.1
570.10	8.3	26,086	869.5	877.8
570.40	8.6	29,128	970.9	979.5
570.70	8.8	32,285	1076.2	1085.0
571.00	9.1	35,562	1185.4	1194.5
571.30	9.3	38,958	1298.6	1307.9
571.60	11.5	42,478	1415.9	1427.4
571.90	25.9	46,124	1537.5	1563.4
572.20	47.3	49,913	1663.8	1711.1
572.50	74.0	53,904	1796.8	1870.8
572.80	104.9	58,106	1936.9	2041.8
573.10	139.3	62,526	2084.2	2223.5
573.40	160.5	67,168	2238.9	2399.4
573.70	179.1	72,036	2401.2	2580.3
574.00	195.9	77,139	2571.3	2767.2

Time increment (t) = 1.0 min.

Pond File: j:\DATA\0306147\BASIN2 .PND
 flow Hydrograph: j:\DATA\0306147\100BASIN2.HYD
 outflow Hydrograph: j:\DATA\0306147\BASIN2100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	0.0	0.0	0.00	565.00
1.0	11.59	11.6	5.5	11.6	3.03	565.91
2.0	23.19	34.8	31.9	40.3	4.20	566.50
3.0	34.78	58.0	79.9	89.9	4.99	567.02
4.0	34.78	69.6	138.4	149.5	5.55	567.43
5.0	46.37	81.2	207.5	219.5	6.02	567.79
6.0	57.97	104.3	298.9	311.8	6.47	568.17
7.0	69.56	127.5	412.6	426.4	6.91	568.61
8.0	81.15	150.7	548.5	563.3	7.39	569.09
9.0	92.74	173.9	706.6	722.4	7.92	569.62
10.0	92.74	185.5	875.4	892.1	8.34	570.14
11.0	104.34	197.1	1054.9	1072.4	8.78	570.66
12.0	115.93	220.3	1256.7	1275.2	9.24	571.21
13.0	115.93	231.9	1452.6	1488.5	17.97	571.73
14.0	115.93	231.9	1597.6	1684.5	43.44	572.15
15.0	115.93	231.9	1695.3	1829.4	67.08	572.42
16.0	115.93	231.9	1758.8	1927.1	84.18	572.60
17.0	115.93	231.9	1799.3	1990.6	95.66	572.71
18.0	115.93	231.9	1825.2	2031.2	102.98	572.78
19.0	115.93	231.9	1841.5	2057.1	107.79	572.83
20.0	115.93	231.9	1851.6	2073.3	110.87	572.85
21.0	104.34	220.3	1850.7	2071.9	110.59	572.85
22.0	92.74	197.1	1835.7	2047.7	106.03	572.81
23.0	81.15	173.9	1811.4	2009.6	99.08	572.74
24.0	81.15	162.3	1788.5	1973.7	92.60	572.68
25.0	69.56	150.7	1766.5	1939.2	86.37	572.62
26.0	57.97	127.5	1737.6	1894.0	78.20	572.54
27.0	46.37	104.3	1703.6	1842.0	69.18	572.45
28.0	34.78	81.2	1665.5	1784.8	59.62	572.34
29.0	23.19	58.0	1624.7	1723.5	49.38	572.22
30.0	23.19	46.4	1588.1	1671.1	41.51	572.12
31.0	11.59	34.8	1553.8	1622.9	34.52	572.02
32.0	0.00	11.6	1513.0	1565.4	26.20	571.90
33.0	0.00	0.0	1471.9	1513.0	20.57	571.79
34.0	0.00	0.0	1439.5	1471.9	16.21	571.70
35.0	0.00	0.0	1413.9	1439.5	12.77	571.63
36.0	0.00	0.0	1391.4	1413.9	11.25	571.57
37.0	0.00	0.0	1369.8	1391.4	10.84	571.51
38.0	0.00	0.0	1348.9	1369.8	10.44	571.46
39.0	0.00	0.0	1328.8	1348.9	10.05	571.40
40.0	0.00	0.0	1309.4	1328.8	9.68	571.35
41.0	0.00	0.0	1290.7	1309.4	9.33	571.30
42.0	0.00	0.0	1272.2	1290.7	9.27	571.25
43.0	0.00	0.0	1253.7	1272.2	9.24	571.21
44.0	0.00	0.0	1235.3	1253.7	9.20	571.16

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN2100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
45.0	0.00	0.0	1217.0	1235.3	9.17	571.11
46.0	0.00	0.0	1198.7	1217.0	9.14	571.06
47.0	0.00	0.0	1180.5	1198.7	9.11	571.01
48.0	0.00	0.0	1162.4	1180.5	9.06	570.96
49.0	0.00	0.0	1144.3	1162.4	9.01	570.91
50.0	0.00	0.0	1126.4	1144.3	8.96	570.86
51.0	0.00	0.0	1108.6	1126.4	8.91	570.81
52.0	0.00	0.0	1090.9	1108.6	8.86	570.76
53.0	0.00	0.0	1073.2	1090.9	8.82	570.72
54.0	0.00	0.0	1055.7	1073.2	8.78	570.67
55.0	0.00	0.0	1038.2	1055.7	8.74	570.62
56.0	0.00	0.0	1020.8	1038.2	8.71	570.57
57.0	0.00	0.0	1003.4	1020.8	8.68	570.52
58.0	0.00	0.0	986.1	1003.4	8.65	570.47
59.0	0.00	0.0	968.9	986.1	8.61	570.42
60.0	0.00	0.0	951.7	968.9	8.57	570.37
61.0	0.00	0.0	934.7	951.7	8.52	570.32
62.0	0.00	0.0	917.8	934.7	8.47	570.27
63.0	0.00	0.0	900.9	917.8	8.42	570.22
64.0	0.00	0.0	884.2	900.9	8.37	570.17
65.0	0.00	0.0	867.6	884.2	8.32	570.12
66.0	0.00	0.0	851.0	867.6	8.28	570.07
67.0	0.00	0.0	834.5	851.0	8.25	570.02
68.0	0.00	0.0	818.1	834.5	8.21	569.97
69.0	0.00	0.0	801.7	818.1	8.18	569.92
70.0	0.00	0.0	785.5	801.7	8.14	569.87
71.0	0.00	0.0	769.2	785.5	8.11	569.82
72.0	0.00	0.0	753.1	769.2	8.07	569.77
73.0	0.00	0.0	737.1	753.1	8.01	569.71
74.0	0.00	0.0	721.1	737.1	7.96	569.66
75.0	0.00	0.0	705.3	721.1	7.91	569.61
76.0	0.00	0.0	689.6	705.3	7.86	569.56
77.0	0.00	0.0	674.0	689.6	7.81	569.51
78.0	0.00	0.0	658.5	674.0	7.76	569.46
79.0	0.00	0.0	643.0	658.5	7.71	569.41
80.0	0.00	0.0	627.7	643.0	7.66	569.36
81.0	0.00	0.0	612.5	627.7	7.61	569.31
82.0	0.00	0.0	597.4	612.5	7.56	569.26
83.0	0.00	0.0	582.4	597.4	7.51	569.21
84.0	0.00	0.0	567.5	582.4	7.46	569.16
85.0	0.00	0.0	552.7	567.5	7.40	569.10
86.0	0.00	0.0	537.9	552.7	7.35	569.05
87.0	0.00	0.0	523.3	537.9	7.30	569.00
88.0	0.00	0.0	508.8	523.3	7.25	568.95
89.0	0.00	0.0	494.4	508.8	7.20	568.90
90.0	0.00	0.0	480.1	494.4	7.15	568.85

Pond File: j:\DATA\0306147\BASIN2 .PND
 flow Hydrograph: j:\DATA\0306147\100BASIN2.HYD
 .tflow Hydrograph: j:\DATA\0306147\BASIN2100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
91.0	0.00	0.0	465.9	480.1	7.10	568.80
92.0	0.00	0.0	451.8	465.9	7.05	568.75
93.0	0.00	0.0	437.8	451.8	7.00	568.70
94.0	0.00	0.0	423.9	437.8	6.95	568.65
95.0	0.00	0.0	410.1	423.9	6.90	568.60
96.0	0.00	0.0	396.4	410.1	6.85	568.55
97.0	0.00	0.0	382.9	396.4	6.80	568.50
98.0	0.00	0.0	369.4	382.9	6.74	568.44
99.0	0.00	0.0	356.0	369.4	6.69	568.39
100.0	0.00	0.0	342.7	356.0	6.64	568.34
101.0	0.00	0.0	329.5	342.7	6.59	568.29
102.0	0.00	0.0	316.4	329.5	6.54	568.24
103.0	0.00	0.0	303.4	316.4	6.49	568.19
104.0	0.00	0.0	290.6	303.4	6.44	568.14
105.0	0.00	0.0	277.8	290.6	6.39	568.09
106.0	0.00	0.0	265.1	277.8	6.34	568.04
107.0	0.00	0.0	252.5	265.1	6.29	567.99
108.0	0.00	0.0	240.1	252.5	6.21	567.94
109.0	0.00	0.0	227.8	240.1	6.14	567.88
110.0	0.00	0.0	215.7	227.8	6.07	567.83
111.0	0.00	0.0	203.7	215.7	6.00	567.77
112.0	0.00	0.0	191.8	203.7	5.93	567.72
113.0	0.00	0.0	180.1	191.8	5.85	567.66
114.0	0.00	0.0	168.6	180.1	5.77	567.60
115.0	0.00	0.0	157.2	168.6	5.68	567.54
116.0	0.00	0.0	146.0	157.2	5.60	567.48
117.0	0.00	0.0	135.0	146.0	5.52	567.42
118.0	0.00	0.0	124.1	135.0	5.43	567.34
119.0	0.00	0.0	113.5	124.1	5.33	567.27
120.0	0.00	0.0	103.0	113.5	5.23	567.20
121.0	0.00	0.0	92.7	103.0	5.14	567.13
122.0	0.00	0.0	82.7	92.7	5.02	567.04
123.0	0.00	0.0	72.9	82.7	4.91	566.95
124.0	0.00	0.0	63.3	72.9	4.79	566.87
125.0	0.00	0.0	54.0	63.3	4.66	566.78
126.0	0.00	0.0	45.0	54.0	4.47	566.66
127.0	0.00	0.0	36.4	45.0	4.29	566.56
128.0	0.00	0.0	28.3	36.4	4.09	566.43
129.0	0.00	0.0	20.5	28.3	3.86	566.29
130.0	0.00	0.0	13.4	20.5	3.57	566.14
131.0	0.00	0.0	7.1	13.4	3.14	565.96
132.0	0.00	0.0	2.1	7.1	2.51	565.72
133.0	0.00	0.0	-0.3	2.1	1.20	565.39
134.0	0.00	0.0	-0.3	-0.3	0.00	565.00
135.0	0.00	0.0	-0.3	-0.3	0.00	565.00
136.0	0.00	0.0	-0.3	-0.3	0.00	565.00

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN2100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
137.0	0.00	0.0	-0.3	-0.3	0.00	565.00
138.0	0.00	0.0	-0.3	-0.3	0.00	565.00
139.0	0.00	0.0	-0.3	-0.3	0.00	565.00
140.0	0.00	0.0	-0.3	-0.3	0.00	565.00
141.0	0.00	0.0	-0.3	-0.3	0.00	565.00
142.0	0.00	0.0	-0.3	-0.3	0.00	565.00
143.0	0.00	0.0	-0.3	-0.3	0.00	565.00
144.0	0.00	0.0	-0.3	-0.3	0.00	565.00
145.0	0.00	0.0	-0.3	-0.3	0.00	565.00
146.0	0.00	0.0	-0.3	-0.3	0.00	565.00
147.0	0.00	0.0	-0.3	-0.3	0.00	565.00
148.0	0.00	0.0	-0.3	-0.3	0.00	565.00
149.0	0.00	0.0	-0.3	-0.3	0.00	565.00
150.0	0.00	0.0	-0.3	-0.3	0.00	565.00
151.0	0.00	0.0	-0.3	-0.3	0.00	565.00
152.0	0.00	0.0	-0.3	-0.3	0.00	565.00
153.0	0.00	0.0	-0.3	-0.3	0.00	565.00
154.0	0.00	0.0	-0.3	-0.3	0.00	565.00
155.0	0.00	0.0	-0.3	-0.3	0.00	565.00
156.0	0.00	0.0	-0.3	-0.3	0.00	565.00
157.0	0.00	0.0	-0.3	-0.3	0.00	565.00
158.0	0.00	0.0	-0.3	-0.3	0.00	565.00
159.0	0.00	0.0	-0.3	-0.3	0.00	565.00
160.0	0.00	0.0	-0.3	-0.3	0.00	565.00
161.0	0.00	0.0	-0.3	-0.3	0.00	565.00
162.0	0.00	0.0	-0.3	-0.3	0.00	565.00
163.0	0.00	0.0	-0.3	-0.3	0.00	565.00
164.0	0.00	0.0	-0.3	-0.3	0.00	565.00
165.0	0.00	0.0	-0.3	-0.3	0.00	565.00
166.0	0.00	0.0	-0.3	-0.3	0.00	565.00
167.0	0.00	0.0	-0.3	-0.3	0.00	565.00
168.0	0.00	0.0	-0.3	-0.3	0.00	565.00
169.0	0.00	0.0	-0.3	-0.3	0.00	565.00
170.0	0.00	0.0	-0.3	-0.3	0.00	565.00
171.0	0.00	0.0	-0.3	-0.3	0.00	565.00
172.0	0.00	0.0	-0.3	-0.3	0.00	565.00
173.0	0.00	0.0	-0.3	-0.3	0.00	565.00
174.0	0.00	0.0	-0.3	-0.3	0.00	565.00
175.0	0.00	0.0	-0.3	-0.3	0.00	565.00
176.0	0.00	0.0	-0.3	-0.3	0.00	565.00
177.0	0.00	0.0	-0.3	-0.3	0.00	565.00
178.0	0.00	0.0	-0.3	-0.3	0.00	565.00
179.0	0.00	0.0	-0.3	-0.3	0.00	565.00
180.0	0.00	0.0	-0.3	-0.3	0.00	565.00
181.0	0.00	0.0	-0.3	-0.3	0.00	565.00
182.0	0.00	0.0	-0.3	-0.3	0.00	565.00

Pond File: j:\DATA\0306147\BASIN2 .PND
 flow Hydrograph: j:\DATA\0306147\100BASN2.HYD
 outflow Hydrograph: j:\DATA\0306147\BASN2100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
183.0	0.00	0.0	-0.3	-0.3	0.00	565.00
184.0	0.00	0.0	-0.3	-0.3	0.00	565.00
185.0	0.00	0.0	-0.3	-0.3	0.00	565.00
186.0	0.00	0.0	-0.3	-0.3	0.00	565.00
187.0	0.00	0.0	-0.3	-0.3	0.00	565.00
188.0	0.00	0.0	-0.3	-0.3	0.00	565.00
189.0	0.00	0.0	-0.3	-0.3	0.00	565.00
190.0	0.00	0.0	-0.3	-0.3	0.00	565.00
191.0	0.00	0.0	-0.3	-0.3	0.00	565.00
192.0	0.00	0.0	-0.3	-0.3	0.00	565.00
193.0	0.00	0.0	-0.3	-0.3	0.00	565.00
194.0	0.00	0.0	-0.3	-0.3	0.00	565.00
195.0	0.00	0.0	-0.3	-0.3	0.00	565.00
196.0	0.00	0.0	-0.3	-0.3	0.00	565.00
197.0	0.00	0.0	-0.3	-0.3	0.00	565.00
198.0	0.00	0.0	-0.3	-0.3	0.00	565.00
199.0	0.00	0.0	-0.3	-0.3	0.00	565.00
200.0	0.00	0.0	-0.3	-0.3	0.00	565.00
201.0	0.00	0.0	-0.3	-0.3	0.00	565.00
202.0	0.00	0.0	-0.3	-0.3	0.00	565.00
203.0	0.00	0.0	-0.3	-0.3	0.00	565.00
204.0	0.00	0.0	-0.3	-0.3	0.00	565.00
205.0	0.00	0.0	-0.3	-0.3	0.00	565.00
206.0	0.00	0.0	-0.3	-0.3	0.00	565.00
207.0	0.00	0.0	-0.3	-0.3	0.00	565.00
208.0	0.00	0.0	-0.3	-0.3	0.00	565.00
209.0	0.00	0.0	-0.3	-0.3	0.00	565.00
210.0	0.00	0.0	-0.3	-0.3	0.00	565.00
211.0	0.00	0.0	-0.3	-0.3	0.00	565.00
212.0	0.00	0.0	-0.3	-0.3	0.00	565.00
213.0	0.00	0.0	-0.3	-0.3	0.00	565.00
214.0	0.00	0.0	-0.3	-0.3	0.00	565.00
215.0	0.00	0.0	-0.3	-0.3	0.00	565.00
216.0	0.00	0.0	-0.3	-0.3	0.00	565.00
217.0	0.00	0.0	-0.3	-0.3	0.00	565.00
218.0	0.00	0.0	-0.3	-0.3	0.00	565.00
219.0	0.00	0.0	-0.3	-0.3	0.00	565.00
220.0	0.00	0.0	-0.3	-0.3	0.00	565.00
221.0	0.00	0.0	-0.3	-0.3	0.00	565.00
222.0	0.00	0.0	-0.3	-0.3	0.00	565.00
223.0	0.00	0.0	-0.3	-0.3	0.00	565.00
224.0	0.00	0.0	-0.3	-0.3	0.00	565.00
225.0	0.00	0.0	-0.3	-0.3	0.00	565.00
226.0	0.00	0.0	-0.3	-0.3	0.00	565.00
227.0	0.00	0.0	-0.3	-0.3	0.00	565.00
228.0	0.00	0.0	-0.3	-0.3	0.00	565.00

Pond File: j:\DATA\0306147\BASIN2 .PND
 flow Hydrograph: j:\DATA\0306147\100BASN2.HYD
 outflow Hydrograph: j:\DATA\0306147\BASN2100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
229.0	0.00	0.0	-0.3	-0.3	0.00	565.00
230.0	0.00	0.0	-0.3	-0.3	0.00	565.00
231.0	0.00	0.0	-0.3	-0.3	0.00	565.00
232.0	0.00	0.0	-0.3	-0.3	0.00	565.00
233.0	0.00	0.0	-0.3	-0.3	0.00	565.00
234.0	0.00	0.0	-0.3	-0.3	0.00	565.00
235.0	0.00	0.0	-0.3	-0.3	0.00	565.00
236.0	0.00	0.0	-0.3	-0.3	0.00	565.00
237.0	0.00	0.0	-0.3	-0.3	0.00	565.00
238.0	0.00	0.0	-0.3	-0.3	0.00	565.00
239.0	0.00	0.0	-0.3	-0.3	0.00	565.00
240.0	0.00	0.0	-0.3	-0.3	0.00	565.00
241.0	0.00	0.0	-0.3	-0.3	0.00	565.00
242.0	0.00	0.0	-0.3	-0.3	0.00	565.00
243.0	0.00	0.0	-0.3	-0.3	0.00	565.00
244.0	0.00	0.0	-0.3	-0.3	0.00	565.00
245.0	0.00	0.0	-0.3	-0.3	0.00	565.00
246.0	0.00	0.0	-0.3	-0.3	0.00	565.00
247.0	0.00	0.0	-0.3	-0.3	0.00	565.00
248.0	0.00	0.0	-0.3	-0.3	0.00	565.00
249.0	0.00	0.0	-0.3	-0.3	0.00	565.00
250.0	0.00	0.0	-0.3	-0.3	0.00	565.00
251.0	0.00	0.0	-0.3	-0.3	0.00	565.00
252.0	0.00	0.0	-0.3	-0.3	0.00	565.00
253.0	0.00	0.0	-0.3	-0.3	0.00	565.00
254.0	0.00	0.0	-0.3	-0.3	0.00	565.00
255.0	0.00	0.0	-0.3	-0.3	0.00	565.00
256.0	0.00	0.0	-0.3	-0.3	0.00	565.00
257.0	0.00	0.0	-0.3	-0.3	0.00	565.00
258.0	0.00	0.0	-0.3	-0.3	0.00	565.00
259.0	0.00	0.0	-0.3	-0.3	0.00	565.00
260.0	0.00	0.0	-0.3	-0.3	0.00	565.00
261.0	0.00	0.0	-0.3	-0.3	0.00	565.00
262.0	0.00	0.0	-0.3	-0.3	0.00	565.00
263.0	0.00	0.0	-0.3	-0.3	0.00	565.00
264.0	0.00	0.0	-0.3	-0.3	0.00	565.00
265.0	0.00	0.0	-0.3	-0.3	0.00	565.00
266.0	0.00	0.0	-0.3	-0.3	0.00	565.00
267.0	0.00	0.0	-0.3	-0.3	0.00	565.00
268.0	0.00	0.0	-0.3	-0.3	0.00	565.00
269.0	0.00	0.0	-0.3	-0.3	0.00	565.00
270.0	0.00	0.0	-0.3	-0.3	0.00	565.00
271.0	0.00	0.0	-0.3	-0.3	0.00	565.00
272.0	0.00	0.0	-0.3	-0.3	0.00	565.00
273.0	0.00	0.0	-0.3	-0.3	0.00	565.00
274.0	0.00	0.0	-0.3	-0.3	0.00	565.00

Pond File: j:\DATA\0306147\BASIN2 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN2100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
275.0	0.00	0.0	-0.3	-0.3	0.00	565.00
276.0	0.00	0.0	-0.3	-0.3	0.00	565.00
277.0	0.00	0.0	-0.3	-0.3	0.00	565.00
278.0	0.00	0.0	-0.3	-0.3	0.00	565.00
279.0	0.00	0.0	-0.3	-0.3	0.00	565.00
280.0	0.00	0.0	-0.3	-0.3	0.00	565.00
281.0	0.00	0.0	-0.3	-0.3	0.00	565.00
282.0	0.00	0.0	-0.3	-0.3	0.00	565.00
283.0	0.00	0.0	-0.3	-0.3	0.00	565.00
284.0	0.00	0.0	-0.3	-0.3	0.00	565.00
285.0	0.00	0.0	-0.3	-0.3	0.00	565.00
286.0	0.00	0.0	-0.3	-0.3	0.00	565.00
287.0	0.00	0.0	-0.3	-0.3	0.00	565.00
288.0	0.00	0.0	-0.3	-0.3	0.00	565.00
289.0	0.00	0.0	-0.3	-0.3	0.00	565.00
290.0	0.00	0.0	-0.3	-0.3	0.00	565.00
291.0	0.00	0.0	-0.3	-0.3	0.00	565.00
292.0	0.00	0.0	-0.3	-0.3	0.00	565.00
293.0	0.00	0.0	-0.3	-0.3	0.00	565.00
294.0	0.00	0.0	-0.3	-0.3	0.00	565.00
295.0	0.00	0.0	-0.3	-0.3	0.00	565.00
296.0	0.00	0.0	-0.3	-0.3	0.00	565.00
297.0	0.00	0.0	-0.3	-0.3	0.00	565.00
298.0	0.00	0.0	-0.3	-0.3	0.00	565.00
299.0	0.00	0.0	-0.3	-0.3	0.00	565.00
300.0	0.00	0.0	-0.3	-0.3	0.00	565.00
301.0	0.00	0.0	-0.3	-0.3	0.00	565.00
302.0	0.00	0.0	-0.3	-0.3	0.00	565.00
303.0	0.00	0.0	-0.3	-0.3	0.00	565.00

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN2 .PND
Inflow Hydrograph: j:\DATA\0306147\100BASN2.HYD
Outflow Hydrograph: j:\DATA\0306147\BASN2100.HYD

Starting Pond W.S. Elevation = 565.00 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 115.93 cfs
Peak Outflow = 110.87 cfs
Peak Elevation = 572.85 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 0 cu-ft
Peak Storage From Storm = 58,874 cu-ft

Total Storage in Pond = 58,874 cu-ft

Outlet Structure File: BASIN2BL.STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #2
BLOCKED LOW FLOW

***** COMPOSITE OUTFLOW SUMMARY *****

Elevation (ft)	Q (cfs)	Contributing Structures
-----	-----	-----
571.50	0.0	2
571.70	5.7	2
571.90	16.1	2
572.10	29.6	2
572.30	45.6	2
572.50	63.8	2
572.70	83.9	2
572.90	105.7	2
573.10	128.7	3
573.30	143.1	3
573.50	156.1	3
573.70	168.1	3
573.90	179.4	3
574.00	184.7	3

Outlet Structure File: BASIN2BL.STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #2
BLOCKED LOW FLOW

Outlet Structure File: j:\DATA\0306147\BASIN2BL.STR
Planimeter Input File: j:\DATA\0306147\BASIN2 .VOL
Rating Table Output File: j:\DATA\0306147\BASIN2BL.PND

Min. Elev.(ft) = 571.5 Max. Elev.(ft) = 574 Incr.(ft) = .2

Additional elevations (ft) to be included in table:

* * * * *

SYSTEM CONNECTIVITY

Structure	No.	Q Table	Q Table
-----	---	-----	-----
ORIFICE	3		-> 3
WEIR-VR	2		-> 2

Outflow rating table summary was stored in file:
j:\DATA\0306147\BASIN2BL.PND

Outlet Structure File: BASIN2BL.STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #2
BLOCKED LOW FLOW

>>>>> Structure No. 3 <<<<<<
(Input Data)

ORIFICE

Orifice - Based on Area and Datum Elevation

E1 elev.(ft)?	573
E2 elev.(ft)?	574.001
Orifice coeff.?	.6
Invert elev.(ft)?	571.5
Datum elev.(ft) ?	572.25
Orifice area (sq ft)?	29.00

Outlet Structure File: BASIN2BL.STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #2
BLOCKED LOW FLOW

>>>>> Structure No. 2 <<<<<<
(Input Data)

WEIR-VR

Weir - Vertical Rectangular

E1 elev.(ft)?	571.5
E2 elev.(ft)?	573
Weir coefficient?	3.3
Weir elev.(ft)?	571.5
Length (ft)?	19.33
Contracted/Suppressed (C/S)?	S

```

*****
*
*          FOX HAVEN          *
*  DETENTION ANALYSIS      *
*  DETENTION BASIN #2     *
*   BLOCKED LOW FLOW      *
*
*****
    
```

Inflow Hydrograph: j:\DATA\0306147\02BASN2 .HYD
 Rating Table file: j:\DATA\0306147\BASIN2BL.PND

----INITIAL CONDITIONS----
 Elevation = 571.50 ft
 Outflow = 0.00 cfs
 Storage = 41,291 cu-ft

GIVEN POND DATA			INTERMEDIATE ROUTING COMPUTATIONS	
ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
571.50	0.0	41,291	1376.4	1376.4
571.70	5.7	43,680	1456.0	1461.7
571.90	16.1	46,124	1537.5	1553.6
572.10	29.6	48,629	1621.0	1650.6
572.30	45.6	51,220	1707.3	1752.9
572.50	63.8	53,904	1796.8	1860.6
572.70	83.9	56,682	1889.4	1973.3
572.90	105.7	59,556	1985.2	2090.9
573.10	128.7	62,526	2084.2	2212.9
573.30	143.1	65,595	2186.5	2329.6
573.50	156.1	68,765	2292.2	2448.3
573.70	168.1	72,036	2401.2	2569.3
573.90	179.4	75,412	2513.7	2693.1
574.00	184.7	77,139	2571.3	2756.0

Time increment (t) = 1.0 min.

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL202.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	1376.4	1376.4	0.00	571.50
1.0	4.48	4.5	1380.3	1380.9	0.30	571.51
2.0	8.95	13.4	1391.4	1393.7	1.16	571.54
3.0	13.43	22.4	1408.8	1413.8	2.50	571.59
4.0	13.43	26.9	1427.7	1435.6	3.96	571.64
5.0	17.90	31.3	1448.0	1459.0	5.52	571.69
6.0	22.38	40.3	1470.9	1488.3	8.71	571.76
7.0	26.86	49.2	1495.5	1520.1	12.31	571.83
8.0	31.33	58.2	1521.4	1553.7	16.11	571.90
9.0	35.81	67.1	1546.6	1588.6	20.97	571.97
10.0	35.81	71.6	1568.0	1618.3	25.10	572.03
11.0	40.28	76.1	1586.7	1644.1	28.71	572.09
12.0	44.76	85.0	1605.9	1671.8	32.91	572.14
13.0	44.76	89.5	1622.2	1695.5	36.62	572.19
14.0	44.76	89.5	1633.4	1711.7	39.16	572.22
15.0	44.76	89.5	1641.1	1722.9	40.91	572.24
16.0	44.76	89.5	1646.4	1730.6	42.11	572.26
17.0	44.76	89.5	1650.0	1735.9	42.94	572.27
18.0	44.76	89.5	1652.5	1739.6	43.51	572.27
19.0	44.76	89.5	1654.3	1742.1	43.90	572.28
20.0	44.76	89.5	1655.4	1743.8	44.17	572.28
21.0	40.28	85.0	1653.2	1740.5	43.65	572.28
22.0	35.81	76.1	1645.5	1729.3	41.90	572.25
23.0	31.33	67.1	1634.0	1712.6	39.30	572.22
24.0	31.33	62.7	1623.1	1696.7	36.81	572.19
25.0	26.86	58.2	1612.5	1681.3	34.40	572.16
26.0	22.38	49.2	1599.0	1661.7	31.34	572.12
27.0	17.90	40.3	1583.2	1639.3	28.03	572.08
28.0	13.43	31.3	1565.4	1614.6	24.59	572.03
29.0	8.95	22.4	1546.0	1587.8	20.86	571.97
30.0	8.95	17.9	1528.9	1563.9	17.54	571.92
31.0	4.48	13.4	1512.6	1542.3	14.82	571.88
32.0	0.00	4.5	1493.2	1517.1	11.97	571.82
33.0	0.00	0.0	1474.6	1493.2	9.26	571.77
34.0	0.00	0.0	1460.3	1474.6	7.17	571.73
35.0	0.00	0.0	1449.1	1460.3	5.61	571.70
36.0	0.00	0.0	1439.4	1449.1	4.86	571.67
37.0	0.00	0.0	1431.0	1439.4	4.21	571.65
38.0	0.00	0.0	1423.7	1431.0	3.65	571.63
39.0	0.00	0.0	1417.3	1423.7	3.16	571.61
40.0	0.00	0.0	1411.9	1417.3	2.74	571.60
41.0	0.00	0.0	1407.1	1411.9	2.37	571.58
42.0	0.00	0.0	1403.0	1407.1	2.05	571.57
43.0	0.00	0.0	1399.5	1403.0	1.78	571.56
44.0	0.00	0.0	1396.4	1399.5	1.54	571.55

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL202.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
45.0	0.00	0.0	1393.7	1396.4	1.34	571.55
46.0	0.00	0.0	1391.4	1393.7	1.16	571.54
47.0	0.00	0.0	1389.4	1391.4	1.00	571.54
48.0	0.00	0.0	1387.6	1389.4	0.87	571.53
49.0	0.00	0.0	1386.1	1387.6	0.75	571.53
50.0	0.00	0.0	1384.8	1386.1	0.65	571.52
51.0	0.00	0.0	1383.7	1384.8	0.57	571.52
52.0	0.00	0.0	1382.7	1383.7	0.49	571.52
53.0	0.00	0.0	1381.9	1382.7	0.42	571.51
54.0	0.00	0.0	1381.1	1381.9	0.37	571.51
55.0	0.00	0.0	1380.5	1381.1	0.32	571.51
56.0	0.00	0.0	1380.0	1380.5	0.28	571.51
57.0	0.00	0.0	1379.5	1380.0	0.24	571.51
58.0	0.00	0.0	1379.1	1379.5	0.21	571.51
59.0	0.00	0.0	1378.7	1379.1	0.18	571.51
60.0	0.00	0.0	1378.4	1378.7	0.16	571.51
61.0	0.00	0.0	1378.1	1378.4	0.13	571.50
62.0	0.00	0.0	1377.9	1378.1	0.12	571.50
63.0	0.00	0.0	1377.7	1377.9	0.10	571.50
64.0	0.00	0.0	1377.5	1377.7	0.09	571.50
65.0	0.00	0.0	1377.4	1377.5	0.08	571.50
66.0	0.00	0.0	1377.2	1377.4	0.07	571.50
67.0	0.00	0.0	1377.1	1377.2	0.06	571.50
68.0	0.00	0.0	1377.0	1377.1	0.05	571.50
69.0	0.00	0.0	1376.9	1377.0	0.04	571.50
70.0	0.00	0.0	1376.9	1376.9	0.04	571.50
71.0	0.00	0.0	1376.8	1376.9	0.03	571.50
72.0	0.00	0.0	1376.7	1376.8	0.03	571.50
73.0	0.00	0.0	1376.7	1376.7	0.02	571.50
74.0	0.00	0.0	1376.6	1376.7	0.02	571.50
75.0	0.00	0.0	1376.6	1376.6	0.02	571.50
76.0	0.00	0.0	1376.6	1376.6	0.02	571.50
77.0	0.00	0.0	1376.6	1376.6	0.01	571.50
78.0	0.00	0.0	1376.5	1376.6	0.01	571.50
79.0	0.00	0.0	1376.5	1376.5	0.01	571.50
80.0	0.00	0.0	1376.5	1376.5	0.01	571.50
81.0	0.00	0.0	1376.5	1376.5	0.01	571.50
82.0	0.00	0.0	1376.5	1376.5	0.01	571.50
83.0	0.00	0.0	1376.5	1376.5	0.01	571.50
84.0	0.00	0.0	1376.4	1376.5	0.00	571.50
85.0	0.00	0.0	1376.4	1376.4	0.00	571.50
86.0	0.00	0.0	1376.4	1376.4	0.00	571.50
87.0	0.00	0.0	1376.4	1376.4	0.00	571.50
88.0	0.00	0.0	1376.4	1376.4	0.00	571.50
89.0	0.00	0.0	1376.4	1376.4	0.00	571.50
90.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL202.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
91.0	0.00	0.0	1376.4	1376.4	0.00	571.50
92.0	0.00	0.0	1376.4	1376.4	0.00	571.50
93.0	0.00	0.0	1376.4	1376.4	0.00	571.50
94.0	0.00	0.0	1376.4	1376.4	0.00	571.50
95.0	0.00	0.0	1376.4	1376.4	0.00	571.50
96.0	0.00	0.0	1376.4	1376.4	0.00	571.50
97.0	0.00	0.0	1376.4	1376.4	0.00	571.50
98.0	0.00	0.0	1376.4	1376.4	0.00	571.50
99.0	0.00	0.0	1376.4	1376.4	0.00	571.50
100.0	0.00	0.0	1376.4	1376.4	0.00	571.50
101.0	0.00	0.0	1376.4	1376.4	0.00	571.50
102.0	0.00	0.0	1376.4	1376.4	0.00	571.50
103.0	0.00	0.0	1376.4	1376.4	0.00	571.50
104.0	0.00	0.0	1376.4	1376.4	0.00	571.50
105.0	0.00	0.0	1376.4	1376.4	0.00	571.50
106.0	0.00	0.0	1376.4	1376.4	0.00	571.50
107.0	0.00	0.0	1376.4	1376.4	0.00	571.50
108.0	0.00	0.0	1376.4	1376.4	0.00	571.50
109.0	0.00	0.0	1376.4	1376.4	0.00	571.50
110.0	0.00	0.0	1376.4	1376.4	0.00	571.50
111.0	0.00	0.0	1376.4	1376.4	0.00	571.50
112.0	0.00	0.0	1376.4	1376.4	0.00	571.50
113.0	0.00	0.0	1376.4	1376.4	0.00	571.50
114.0	0.00	0.0	1376.4	1376.4	0.00	571.50
115.0	0.00	0.0	1376.4	1376.4	0.00	571.50
116.0	0.00	0.0	1376.4	1376.4	0.00	571.50
117.0	0.00	0.0	1376.4	1376.4	0.00	571.50
118.0	0.00	0.0	1376.4	1376.4	0.00	571.50
119.0	0.00	0.0	1376.4	1376.4	0.00	571.50
120.0	0.00	0.0	1376.4	1376.4	0.00	571.50
121.0	0.00	0.0	1376.4	1376.4	0.00	571.50
122.0	0.00	0.0	1376.4	1376.4	0.00	571.50
123.0	0.00	0.0	1376.4	1376.4	0.00	571.50
124.0	0.00	0.0	1376.4	1376.4	0.00	571.50
125.0	0.00	0.0	1376.4	1376.4	0.00	571.50
126.0	0.00	0.0	1376.4	1376.4	0.00	571.50
127.0	0.00	0.0	1376.4	1376.4	0.00	571.50
128.0	0.00	0.0	1376.4	1376.4	0.00	571.50
129.0	0.00	0.0	1376.4	1376.4	0.00	571.50
130.0	0.00	0.0	1376.4	1376.4	0.00	571.50
131.0	0.00	0.0	1376.4	1376.4	0.00	571.50
132.0	0.00	0.0	1376.4	1376.4	0.00	571.50
133.0	0.00	0.0	1376.4	1376.4	0.00	571.50
134.0	0.00	0.0	1376.4	1376.4	0.00	571.50
135.0	0.00	0.0	1376.4	1376.4	0.00	571.50
136.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL202.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
137.0	0.00	0.0	1376.4	1376.4	0.00	571.50
138.0	0.00	0.0	1376.4	1376.4	0.00	571.50
139.0	0.00	0.0	1376.4	1376.4	0.00	571.50
140.0	0.00	0.0	1376.4	1376.4	0.00	571.50
141.0	0.00	0.0	1376.4	1376.4	0.00	571.50
142.0	0.00	0.0	1376.4	1376.4	0.00	571.50
143.0	0.00	0.0	1376.4	1376.4	0.00	571.50
144.0	0.00	0.0	1376.4	1376.4	0.00	571.50
145.0	0.00	0.0	1376.4	1376.4	0.00	571.50
146.0	0.00	0.0	1376.4	1376.4	0.00	571.50
147.0	0.00	0.0	1376.4	1376.4	0.00	571.50
148.0	0.00	0.0	1376.4	1376.4	0.00	571.50
149.0	0.00	0.0	1376.4	1376.4	0.00	571.50
150.0	0.00	0.0	1376.4	1376.4	0.00	571.50
151.0	0.00	0.0	1376.4	1376.4	0.00	571.50
152.0	0.00	0.0	1376.4	1376.4	0.00	571.50
153.0	0.00	0.0	1376.4	1376.4	0.00	571.50
154.0	0.00	0.0	1376.4	1376.4	0.00	571.50
155.0	0.00	0.0	1376.4	1376.4	0.00	571.50
156.0	0.00	0.0	1376.4	1376.4	0.00	571.50
157.0	0.00	0.0	1376.4	1376.4	0.00	571.50
158.0	0.00	0.0	1376.4	1376.4	0.00	571.50
159.0	0.00	0.0	1376.4	1376.4	0.00	571.50
160.0	0.00	0.0	1376.4	1376.4	0.00	571.50
161.0	0.00	0.0	1376.4	1376.4	0.00	571.50
162.0	0.00	0.0	1376.4	1376.4	0.00	571.50
163.0	0.00	0.0	1376.4	1376.4	0.00	571.50
164.0	0.00	0.0	1376.4	1376.4	0.00	571.50
165.0	0.00	0.0	1376.4	1376.4	0.00	571.50
166.0	0.00	0.0	1376.4	1376.4	0.00	571.50
167.0	0.00	0.0	1376.4	1376.4	0.00	571.50
168.0	0.00	0.0	1376.4	1376.4	0.00	571.50
169.0	0.00	0.0	1376.4	1376.4	0.00	571.50
170.0	0.00	0.0	1376.4	1376.4	0.00	571.50
171.0	0.00	0.0	1376.4	1376.4	0.00	571.50
172.0	0.00	0.0	1376.4	1376.4	0.00	571.50
173.0	0.00	0.0	1376.4	1376.4	0.00	571.50
174.0	0.00	0.0	1376.4	1376.4	0.00	571.50
175.0	0.00	0.0	1376.4	1376.4	0.00	571.50
176.0	0.00	0.0	1376.4	1376.4	0.00	571.50
177.0	0.00	0.0	1376.4	1376.4	0.00	571.50
178.0	0.00	0.0	1376.4	1376.4	0.00	571.50
179.0	0.00	0.0	1376.4	1376.4	0.00	571.50
180.0	0.00	0.0	1376.4	1376.4	0.00	571.50
181.0	0.00	0.0	1376.4	1376.4	0.00	571.50
182.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL202.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
183.0	0.00	0.0	1376.4	1376.4	0.00	571.50
184.0	0.00	0.0	1376.4	1376.4	0.00	571.50
185.0	0.00	0.0	1376.4	1376.4	0.00	571.50
186.0	0.00	0.0	1376.4	1376.4	0.00	571.50
187.0	0.00	0.0	1376.4	1376.4	0.00	571.50
188.0	0.00	0.0	1376.4	1376.4	0.00	571.50
189.0	0.00	0.0	1376.4	1376.4	0.00	571.50
190.0	0.00	0.0	1376.4	1376.4	0.00	571.50
191.0	0.00	0.0	1376.4	1376.4	0.00	571.50
192.0	0.00	0.0	1376.4	1376.4	0.00	571.50
193.0	0.00	0.0	1376.4	1376.4	0.00	571.50
194.0	0.00	0.0	1376.4	1376.4	0.00	571.50
195.0	0.00	0.0	1376.4	1376.4	0.00	571.50
196.0	0.00	0.0	1376.4	1376.4	0.00	571.50
197.0	0.00	0.0	1376.4	1376.4	0.00	571.50
198.0	0.00	0.0	1376.4	1376.4	0.00	571.50
199.0	0.00	0.0	1376.4	1376.4	0.00	571.50
200.0	0.00	0.0	1376.4	1376.4	0.00	571.50
201.0	0.00	0.0	1376.4	1376.4	0.00	571.50
202.0	0.00	0.0	1376.4	1376.4	0.00	571.50
203.0	0.00	0.0	1376.4	1376.4	0.00	571.50
204.0	0.00	0.0	1376.4	1376.4	0.00	571.50
205.0	0.00	0.0	1376.4	1376.4	0.00	571.50
206.0	0.00	0.0	1376.4	1376.4	0.00	571.50
207.0	0.00	0.0	1376.4	1376.4	0.00	571.50
208.0	0.00	0.0	1376.4	1376.4	0.00	571.50
209.0	0.00	0.0	1376.4	1376.4	0.00	571.50
210.0	0.00	0.0	1376.4	1376.4	0.00	571.50
211.0	0.00	0.0	1376.4	1376.4	0.00	571.50
212.0	0.00	0.0	1376.4	1376.4	0.00	571.50
213.0	0.00	0.0	1376.4	1376.4	0.00	571.50
214.0	0.00	0.0	1376.4	1376.4	0.00	571.50
215.0	0.00	0.0	1376.4	1376.4	0.00	571.50
216.0	0.00	0.0	1376.4	1376.4	0.00	571.50
217.0	0.00	0.0	1376.4	1376.4	0.00	571.50
218.0	0.00	0.0	1376.4	1376.4	0.00	571.50
219.0	0.00	0.0	1376.4	1376.4	0.00	571.50
220.0	0.00	0.0	1376.4	1376.4	0.00	571.50
221.0	0.00	0.0	1376.4	1376.4	0.00	571.50
222.0	0.00	0.0	1376.4	1376.4	0.00	571.50
223.0	0.00	0.0	1376.4	1376.4	0.00	571.50
224.0	0.00	0.0	1376.4	1376.4	0.00	571.50
225.0	0.00	0.0	1376.4	1376.4	0.00	571.50
226.0	0.00	0.0	1376.4	1376.4	0.00	571.50
227.0	0.00	0.0	1376.4	1376.4	0.00	571.50
228.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL202.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
229.0	0.00	0.0	1376.4	1376.4	0.00	571.50
230.0	0.00	0.0	1376.4	1376.4	0.00	571.50
231.0	0.00	0.0	1376.4	1376.4	0.00	571.50
232.0	0.00	0.0	1376.4	1376.4	0.00	571.50
233.0	0.00	0.0	1376.4	1376.4	0.00	571.50
234.0	0.00	0.0	1376.4	1376.4	0.00	571.50
235.0	0.00	0.0	1376.4	1376.4	0.00	571.50
236.0	0.00	0.0	1376.4	1376.4	0.00	571.50
237.0	0.00	0.0	1376.4	1376.4	0.00	571.50
238.0	0.00	0.0	1376.4	1376.4	0.00	571.50
239.0	0.00	0.0	1376.4	1376.4	0.00	571.50
240.0	0.00	0.0	1376.4	1376.4	0.00	571.50
241.0	0.00	0.0	1376.4	1376.4	0.00	571.50
242.0	0.00	0.0	1376.4	1376.4	0.00	571.50
243.0	0.00	0.0	1376.4	1376.4	0.00	571.50
244.0	0.00	0.0	1376.4	1376.4	0.00	571.50
245.0	0.00	0.0	1376.4	1376.4	0.00	571.50
246.0	0.00	0.0	1376.4	1376.4	0.00	571.50
247.0	0.00	0.0	1376.4	1376.4	0.00	571.50
248.0	0.00	0.0	1376.4	1376.4	0.00	571.50
249.0	0.00	0.0	1376.4	1376.4	0.00	571.50
250.0	0.00	0.0	1376.4	1376.4	0.00	571.50
251.0	0.00	0.0	1376.4	1376.4	0.00	571.50
252.0	0.00	0.0	1376.4	1376.4	0.00	571.50
253.0	0.00	0.0	1376.4	1376.4	0.00	571.50
254.0	0.00	0.0	1376.4	1376.4	0.00	571.50
255.0	0.00	0.0	1376.4	1376.4	0.00	571.50
256.0	0.00	0.0	1376.4	1376.4	0.00	571.50
257.0	0.00	0.0	1376.4	1376.4	0.00	571.50
258.0	0.00	0.0	1376.4	1376.4	0.00	571.50
259.0	0.00	0.0	1376.4	1376.4	0.00	571.50
260.0	0.00	0.0	1376.4	1376.4	0.00	571.50
261.0	0.00	0.0	1376.4	1376.4	0.00	571.50
262.0	0.00	0.0	1376.4	1376.4	0.00	571.50
263.0	0.00	0.0	1376.4	1376.4	0.00	571.50
264.0	0.00	0.0	1376.4	1376.4	0.00	571.50
265.0	0.00	0.0	1376.4	1376.4	0.00	571.50
266.0	0.00	0.0	1376.4	1376.4	0.00	571.50
267.0	0.00	0.0	1376.4	1376.4	0.00	571.50
268.0	0.00	0.0	1376.4	1376.4	0.00	571.50
269.0	0.00	0.0	1376.4	1376.4	0.00	571.50
270.0	0.00	0.0	1376.4	1376.4	0.00	571.50
271.0	0.00	0.0	1376.4	1376.4	0.00	571.50
272.0	0.00	0.0	1376.4	1376.4	0.00	571.50
273.0	0.00	0.0	1376.4	1376.4	0.00	571.50
274.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL202.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
275.0	0.00	0.0	1376.4	1376.4	0.00	571.50
276.0	0.00	0.0	1376.4	1376.4	0.00	571.50
277.0	0.00	0.0	1376.4	1376.4	0.00	571.50
278.0	0.00	0.0	1376.4	1376.4	0.00	571.50
279.0	0.00	0.0	1376.4	1376.4	0.00	571.50
280.0	0.00	0.0	1376.4	1376.4	0.00	571.50
281.0	0.00	0.0	1376.4	1376.4	0.00	571.50
282.0	0.00	0.0	1376.4	1376.4	0.00	571.50
283.0	0.00	0.0	1376.4	1376.4	0.00	571.50
284.0	0.00	0.0	1376.4	1376.4	0.00	571.50
285.0	0.00	0.0	1376.4	1376.4	0.00	571.50
286.0	0.00	0.0	1376.4	1376.4	0.00	571.50
287.0	0.00	0.0	1376.4	1376.4	0.00	571.50
288.0	0.00	0.0	1376.4	1376.4	0.00	571.50
289.0	0.00	0.0	1376.4	1376.4	0.00	571.50
290.0	0.00	0.0	1376.4	1376.4	0.00	571.50
291.0	0.00	0.0	1376.4	1376.4	0.00	571.50
292.0	0.00	0.0	1376.4	1376.4	0.00	571.50
293.0	0.00	0.0	1376.4	1376.4	0.00	571.50
294.0	0.00	0.0	1376.4	1376.4	0.00	571.50
295.0	0.00	0.0	1376.4	1376.4	0.00	571.50
296.0	0.00	0.0	1376.4	1376.4	0.00	571.50
297.0	0.00	0.0	1376.4	1376.4	0.00	571.50
298.0	0.00	0.0	1376.4	1376.4	0.00	571.50
299.0	0.00	0.0	1376.4	1376.4	0.00	571.50
300.0	0.00	0.0	1376.4	1376.4	0.00	571.50
301.0	0.00	0.0	1376.4	1376.4	0.00	571.50
302.0	0.00	0.0	1376.4	1376.4	0.00	571.50
303.0	0.00	0.0	1376.4	1376.4	0.00	571.50

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN2BL.PND
Inflow Hydrograph: j:\DATA\0306147\02BASN2 .HYD
Outflow Hydrograph: j:\DATA\0306147\BABL202 .HYD

Starting Pond W.S. Elevation = 571.50 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 44.76 cfs
Peak Outflow = 44.17 cfs
Peak Elevation = 572.28 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 41,291 cu-ft
Peak Storage From Storm = 9,697 cu-ft

Total Storage in Pond = 50,989 cu-ft

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*****
*
*          FOX HAVEN          *
*  DETENTION ANALYSIS      *
*  DETENTION BASIN #2     *
*   BLOCKED LOW FLOW      *
*
*****
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Inflow Hydrograph: j:\DATA\0306147\15BASIN2 .HYD
 Rating Table file: j:\DATA\0306147\BASIN2BL.PND

----INITIAL CONDITIONS----
 Elevation = 571.50 ft
 Outflow = 0.00 cfs
 Storage = 41,291 cu-ft

GIVEN POND DATA			INTERMEDIATE ROUTING COMPUTATIONS	
ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
571.50	0.0	41,291	1376.4	1376.4
571.70	5.7	43,680	1456.0	1461.7
571.90	16.1	46,124	1537.5	1553.6
572.10	29.6	48,629	1621.0	1650.6
572.30	45.6	51,220	1707.3	1752.9
572.50	63.8	53,904	1796.8	1860.6
572.70	83.9	56,682	1889.4	1973.3
572.90	105.7	59,556	1985.2	2090.9
573.10	128.7	62,526	2084.2	2212.9
573.30	143.1	65,595	2186.5	2329.6
573.50	156.1	68,765	2292.2	2448.3
573.70	168.1	72,036	2401.2	2569.3
573.90	179.4	75,412	2513.7	2693.1
574.00	184.7	77,139	2571.3	2756.0

Time increment (t) = 1.0 min.

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL215.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	1376.4	1376.4	0.00	571.50
1.0	7.34	7.3	1382.7	1383.7	0.49	571.52
2.0	14.68	22.0	1401.0	1404.8	1.90	571.57
3.0	22.02	36.7	1429.5	1437.7	4.09	571.64
4.0	22.02	44.0	1459.4	1473.5	7.04	571.73
5.0	29.36	51.4	1488.3	1510.8	11.26	571.81
6.0	36.69	66.1	1521.9	1554.3	16.21	571.90
7.0	44.03	80.7	1556.8	1602.7	22.93	572.00
8.0	51.37	95.4	1592.5	1652.2	29.86	572.10
9.0	58.71	110.1	1627.1	1702.6	37.73	572.20
10.0	58.71	117.4	1656.0	1744.5	44.28	572.28
11.0	66.05	124.8	1680.1	1780.7	50.29	572.35
12.0	73.39	139.4	1705.8	1819.6	56.86	572.42
13.0	73.39	146.8	1727.7	1852.6	62.45	572.49
14.0	73.39	146.8	1741.9	1874.5	66.28	572.52
15.0	73.39	146.8	1751.1	1888.7	68.81	572.55
16.0	73.39	146.8	1757.0	1897.9	70.45	572.57
17.0	73.39	146.8	1760.8	1903.8	71.50	572.58
18.0	73.39	146.8	1763.2	1907.5	72.17	572.58
19.0	73.39	146.8	1764.8	1910.0	72.61	572.59
20.0	73.39	146.8	1765.8	1911.6	72.89	572.59
21.0	66.05	139.4	1761.7	1905.2	71.76	572.58
22.0	58.71	124.8	1749.6	1886.5	68.41	572.55
23.0	51.37	110.1	1732.4	1859.7	63.65	572.50
24.0	51.37	102.7	1716.2	1835.2	59.50	572.45
25.0	44.03	95.4	1700.5	1811.6	55.51	572.41
26.0	36.69	80.7	1680.5	1781.3	50.39	572.35
27.0	29.36	66.1	1657.3	1746.5	44.60	572.29
28.0	22.02	51.4	1631.3	1708.7	38.69	572.21
29.0	14.68	36.7	1603.4	1668.0	32.33	572.13
30.0	14.68	29.4	1578.5	1632.7	27.12	572.06
31.0	7.34	22.0	1555.2	1600.5	22.63	572.00
32.0	0.00	7.3	1527.9	1562.6	17.35	571.92
33.0	0.00	0.0	1501.5	1527.9	13.19	571.84
34.0	0.00	0.0	1481.1	1501.5	10.21	571.79
35.0	0.00	0.0	1465.3	1481.1	7.90	571.74
36.0	0.00	0.0	1453.1	1465.3	6.11	571.71
37.0	0.00	0.0	1442.8	1453.1	5.12	571.68
38.0	0.00	0.0	1433.9	1442.8	4.44	571.66
39.0	0.00	0.0	1426.3	1433.9	3.85	571.63
40.0	0.00	0.0	1419.6	1426.3	3.33	571.62
41.0	0.00	0.0	1413.8	1419.6	2.89	571.60
42.0	0.00	0.0	1408.8	1413.8	2.50	571.59
43.0	0.00	0.0	1404.5	1408.8	2.17	571.58
44.0	0.00	0.0	1400.7	1404.5	1.88	571.57

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL215.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
45.0	0.00	0.0	1397.5	1400.7	1.63	571.56
46.0	0.00	0.0	1394.7	1397.5	1.41	571.55
47.0	0.00	0.0	1392.2	1394.7	1.22	571.54
48.0	0.00	0.0	1390.1	1392.2	1.06	571.54
49.0	0.00	0.0	1388.3	1390.1	0.92	571.53
50.0	0.00	0.0	1386.7	1388.3	0.79	571.53
51.0	0.00	0.0	1385.3	1386.7	0.69	571.52
52.0	0.00	0.0	1384.1	1385.3	0.60	571.52
53.0	0.00	0.0	1383.1	1384.1	0.52	571.52
54.0	0.00	0.0	1382.2	1383.1	0.45	571.52
55.0	0.00	0.0	1381.4	1382.2	0.39	571.51
56.0	0.00	0.0	1380.7	1381.4	0.34	571.51
57.0	0.00	0.0	1380.1	1380.7	0.29	571.51
58.0	0.00	0.0	1379.6	1380.1	0.25	571.51
59.0	0.00	0.0	1379.2	1379.6	0.22	571.51
60.0	0.00	0.0	1378.8	1379.2	0.19	571.51
61.0	0.00	0.0	1378.5	1378.8	0.16	571.51
62.0	0.00	0.0	1378.2	1378.5	0.14	571.50
63.0	0.00	0.0	1378.0	1378.2	0.12	571.50
64.0	0.00	0.0	1377.8	1378.0	0.11	571.50
65.0	0.00	0.0	1377.6	1377.8	0.09	571.50
66.0	0.00	0.0	1377.4	1377.6	0.08	571.50
67.0	0.00	0.0	1377.3	1377.4	0.07	571.50
68.0	0.00	0.0	1377.2	1377.3	0.06	571.50
69.0	0.00	0.0	1377.1	1377.2	0.05	571.50
70.0	0.00	0.0	1377.0	1377.1	0.05	571.50
71.0	0.00	0.0	1376.9	1377.0	0.04	571.50
72.0	0.00	0.0	1376.8	1376.9	0.03	571.50
73.0	0.00	0.0	1376.8	1376.8	0.03	571.50
74.0	0.00	0.0	1376.7	1376.8	0.03	571.50
75.0	0.00	0.0	1376.7	1376.7	0.02	571.50
76.0	0.00	0.0	1376.6	1376.7	0.02	571.50
77.0	0.00	0.0	1376.6	1376.6	0.02	571.50
78.0	0.00	0.0	1376.6	1376.6	0.01	571.50
79.0	0.00	0.0	1376.5	1376.6	0.01	571.50
80.0	0.00	0.0	1376.5	1376.5	0.01	571.50
81.0	0.00	0.0	1376.5	1376.5	0.01	571.50
82.0	0.00	0.0	1376.5	1376.5	0.01	571.50
83.0	0.00	0.0	1376.5	1376.5	0.01	571.50
84.0	0.00	0.0	1376.5	1376.5	0.01	571.50
85.0	0.00	0.0	1376.4	1376.5	0.01	571.50
86.0	0.00	0.0	1376.4	1376.4	0.00	571.50
87.0	0.00	0.0	1376.4	1376.4	0.00	571.50
88.0	0.00	0.0	1376.4	1376.4	0.00	571.50
89.0	0.00	0.0	1376.4	1376.4	0.00	571.50
90.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 flow Hydrograph: j:\DATA\0306147\15BASN2 .HYD
 outflow Hydrograph: j:\DATA\0306147\BABL215 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
91.0	0.00	0.0	1376.4	1376.4	0.00	571.50
92.0	0.00	0.0	1376.4	1376.4	0.00	571.50
93.0	0.00	0.0	1376.4	1376.4	0.00	571.50
94.0	0.00	0.0	1376.4	1376.4	0.00	571.50
95.0	0.00	0.0	1376.4	1376.4	0.00	571.50
96.0	0.00	0.0	1376.4	1376.4	0.00	571.50
97.0	0.00	0.0	1376.4	1376.4	0.00	571.50
98.0	0.00	0.0	1376.4	1376.4	0.00	571.50
99.0	0.00	0.0	1376.4	1376.4	0.00	571.50
100.0	0.00	0.0	1376.4	1376.4	0.00	571.50
101.0	0.00	0.0	1376.4	1376.4	0.00	571.50
102.0	0.00	0.0	1376.4	1376.4	0.00	571.50
103.0	0.00	0.0	1376.4	1376.4	0.00	571.50
104.0	0.00	0.0	1376.4	1376.4	0.00	571.50
105.0	0.00	0.0	1376.4	1376.4	0.00	571.50
106.0	0.00	0.0	1376.4	1376.4	0.00	571.50
107.0	0.00	0.0	1376.4	1376.4	0.00	571.50
108.0	0.00	0.0	1376.4	1376.4	0.00	571.50
109.0	0.00	0.0	1376.4	1376.4	0.00	571.50
110.0	0.00	0.0	1376.4	1376.4	0.00	571.50
111.0	0.00	0.0	1376.4	1376.4	0.00	571.50
112.0	0.00	0.0	1376.4	1376.4	0.00	571.50
113.0	0.00	0.0	1376.4	1376.4	0.00	571.50
114.0	0.00	0.0	1376.4	1376.4	0.00	571.50
115.0	0.00	0.0	1376.4	1376.4	0.00	571.50
116.0	0.00	0.0	1376.4	1376.4	0.00	571.50
117.0	0.00	0.0	1376.4	1376.4	0.00	571.50
118.0	0.00	0.0	1376.4	1376.4	0.00	571.50
119.0	0.00	0.0	1376.4	1376.4	0.00	571.50
120.0	0.00	0.0	1376.4	1376.4	0.00	571.50
121.0	0.00	0.0	1376.4	1376.4	0.00	571.50
122.0	0.00	0.0	1376.4	1376.4	0.00	571.50
123.0	0.00	0.0	1376.4	1376.4	0.00	571.50
124.0	0.00	0.0	1376.4	1376.4	0.00	571.50
125.0	0.00	0.0	1376.4	1376.4	0.00	571.50
126.0	0.00	0.0	1376.4	1376.4	0.00	571.50
127.0	0.00	0.0	1376.4	1376.4	0.00	571.50
128.0	0.00	0.0	1376.4	1376.4	0.00	571.50
129.0	0.00	0.0	1376.4	1376.4	0.00	571.50
130.0	0.00	0.0	1376.4	1376.4	0.00	571.50
131.0	0.00	0.0	1376.4	1376.4	0.00	571.50
132.0	0.00	0.0	1376.4	1376.4	0.00	571.50
133.0	0.00	0.0	1376.4	1376.4	0.00	571.50
134.0	0.00	0.0	1376.4	1376.4	0.00	571.50
135.0	0.00	0.0	1376.4	1376.4	0.00	571.50
136.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL215.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
137.0	0.00	0.0	1376.4	1376.4	0.00	571.50
138.0	0.00	0.0	1376.4	1376.4	0.00	571.50
139.0	0.00	0.0	1376.4	1376.4	0.00	571.50
140.0	0.00	0.0	1376.4	1376.4	0.00	571.50
141.0	0.00	0.0	1376.4	1376.4	0.00	571.50
142.0	0.00	0.0	1376.4	1376.4	0.00	571.50
143.0	0.00	0.0	1376.4	1376.4	0.00	571.50
144.0	0.00	0.0	1376.4	1376.4	0.00	571.50
145.0	0.00	0.0	1376.4	1376.4	0.00	571.50
146.0	0.00	0.0	1376.4	1376.4	0.00	571.50
147.0	0.00	0.0	1376.4	1376.4	0.00	571.50
148.0	0.00	0.0	1376.4	1376.4	0.00	571.50
149.0	0.00	0.0	1376.4	1376.4	0.00	571.50
150.0	0.00	0.0	1376.4	1376.4	0.00	571.50
151.0	0.00	0.0	1376.4	1376.4	0.00	571.50
152.0	0.00	0.0	1376.4	1376.4	0.00	571.50
153.0	0.00	0.0	1376.4	1376.4	0.00	571.50
154.0	0.00	0.0	1376.4	1376.4	0.00	571.50
155.0	0.00	0.0	1376.4	1376.4	0.00	571.50
156.0	0.00	0.0	1376.4	1376.4	0.00	571.50
157.0	0.00	0.0	1376.4	1376.4	0.00	571.50
158.0	0.00	0.0	1376.4	1376.4	0.00	571.50
159.0	0.00	0.0	1376.4	1376.4	0.00	571.50
160.0	0.00	0.0	1376.4	1376.4	0.00	571.50
161.0	0.00	0.0	1376.4	1376.4	0.00	571.50
162.0	0.00	0.0	1376.4	1376.4	0.00	571.50
163.0	0.00	0.0	1376.4	1376.4	0.00	571.50
164.0	0.00	0.0	1376.4	1376.4	0.00	571.50
165.0	0.00	0.0	1376.4	1376.4	0.00	571.50
166.0	0.00	0.0	1376.4	1376.4	0.00	571.50
167.0	0.00	0.0	1376.4	1376.4	0.00	571.50
168.0	0.00	0.0	1376.4	1376.4	0.00	571.50
169.0	0.00	0.0	1376.4	1376.4	0.00	571.50
170.0	0.00	0.0	1376.4	1376.4	0.00	571.50
171.0	0.00	0.0	1376.4	1376.4	0.00	571.50
172.0	0.00	0.0	1376.4	1376.4	0.00	571.50
173.0	0.00	0.0	1376.4	1376.4	0.00	571.50
174.0	0.00	0.0	1376.4	1376.4	0.00	571.50
175.0	0.00	0.0	1376.4	1376.4	0.00	571.50
176.0	0.00	0.0	1376.4	1376.4	0.00	571.50
177.0	0.00	0.0	1376.4	1376.4	0.00	571.50
178.0	0.00	0.0	1376.4	1376.4	0.00	571.50
179.0	0.00	0.0	1376.4	1376.4	0.00	571.50
180.0	0.00	0.0	1376.4	1376.4	0.00	571.50
181.0	0.00	0.0	1376.4	1376.4	0.00	571.50
182.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 flow Hydrograph: j:\DATA\0306147\15BASN2 .HYD
 outflow Hydrograph: j:\DATA\0306147\BABL215 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
183.0	0.00	0.0	1376.4	1376.4	0.00	571.50
184.0	0.00	0.0	1376.4	1376.4	0.00	571.50
185.0	0.00	0.0	1376.4	1376.4	0.00	571.50
186.0	0.00	0.0	1376.4	1376.4	0.00	571.50
187.0	0.00	0.0	1376.4	1376.4	0.00	571.50
188.0	0.00	0.0	1376.4	1376.4	0.00	571.50
189.0	0.00	0.0	1376.4	1376.4	0.00	571.50
190.0	0.00	0.0	1376.4	1376.4	0.00	571.50
191.0	0.00	0.0	1376.4	1376.4	0.00	571.50
192.0	0.00	0.0	1376.4	1376.4	0.00	571.50
193.0	0.00	0.0	1376.4	1376.4	0.00	571.50
194.0	0.00	0.0	1376.4	1376.4	0.00	571.50
195.0	0.00	0.0	1376.4	1376.4	0.00	571.50
196.0	0.00	0.0	1376.4	1376.4	0.00	571.50
197.0	0.00	0.0	1376.4	1376.4	0.00	571.50
198.0	0.00	0.0	1376.4	1376.4	0.00	571.50
199.0	0.00	0.0	1376.4	1376.4	0.00	571.50
200.0	0.00	0.0	1376.4	1376.4	0.00	571.50
201.0	0.00	0.0	1376.4	1376.4	0.00	571.50
202.0	0.00	0.0	1376.4	1376.4	0.00	571.50
203.0	0.00	0.0	1376.4	1376.4	0.00	571.50
204.0	0.00	0.0	1376.4	1376.4	0.00	571.50
205.0	0.00	0.0	1376.4	1376.4	0.00	571.50
206.0	0.00	0.0	1376.4	1376.4	0.00	571.50
207.0	0.00	0.0	1376.4	1376.4	0.00	571.50
208.0	0.00	0.0	1376.4	1376.4	0.00	571.50
209.0	0.00	0.0	1376.4	1376.4	0.00	571.50
210.0	0.00	0.0	1376.4	1376.4	0.00	571.50
211.0	0.00	0.0	1376.4	1376.4	0.00	571.50
212.0	0.00	0.0	1376.4	1376.4	0.00	571.50
213.0	0.00	0.0	1376.4	1376.4	0.00	571.50
214.0	0.00	0.0	1376.4	1376.4	0.00	571.50
215.0	0.00	0.0	1376.4	1376.4	0.00	571.50
216.0	0.00	0.0	1376.4	1376.4	0.00	571.50
217.0	0.00	0.0	1376.4	1376.4	0.00	571.50
218.0	0.00	0.0	1376.4	1376.4	0.00	571.50
219.0	0.00	0.0	1376.4	1376.4	0.00	571.50
220.0	0.00	0.0	1376.4	1376.4	0.00	571.50
221.0	0.00	0.0	1376.4	1376.4	0.00	571.50
222.0	0.00	0.0	1376.4	1376.4	0.00	571.50
223.0	0.00	0.0	1376.4	1376.4	0.00	571.50
224.0	0.00	0.0	1376.4	1376.4	0.00	571.50
225.0	0.00	0.0	1376.4	1376.4	0.00	571.50
226.0	0.00	0.0	1376.4	1376.4	0.00	571.50
227.0	0.00	0.0	1376.4	1376.4	0.00	571.50
228.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL215.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
229.0	0.00	0.0	1376.4	1376.4	0.00	571.50
230.0	0.00	0.0	1376.4	1376.4	0.00	571.50
231.0	0.00	0.0	1376.4	1376.4	0.00	571.50
232.0	0.00	0.0	1376.4	1376.4	0.00	571.50
233.0	0.00	0.0	1376.4	1376.4	0.00	571.50
234.0	0.00	0.0	1376.4	1376.4	0.00	571.50
235.0	0.00	0.0	1376.4	1376.4	0.00	571.50
236.0	0.00	0.0	1376.4	1376.4	0.00	571.50
237.0	0.00	0.0	1376.4	1376.4	0.00	571.50
238.0	0.00	0.0	1376.4	1376.4	0.00	571.50
239.0	0.00	0.0	1376.4	1376.4	0.00	571.50
240.0	0.00	0.0	1376.4	1376.4	0.00	571.50
241.0	0.00	0.0	1376.4	1376.4	0.00	571.50
242.0	0.00	0.0	1376.4	1376.4	0.00	571.50
243.0	0.00	0.0	1376.4	1376.4	0.00	571.50
244.0	0.00	0.0	1376.4	1376.4	0.00	571.50
245.0	0.00	0.0	1376.4	1376.4	0.00	571.50
246.0	0.00	0.0	1376.4	1376.4	0.00	571.50
247.0	0.00	0.0	1376.4	1376.4	0.00	571.50
248.0	0.00	0.0	1376.4	1376.4	0.00	571.50
249.0	0.00	0.0	1376.4	1376.4	0.00	571.50
250.0	0.00	0.0	1376.4	1376.4	0.00	571.50
251.0	0.00	0.0	1376.4	1376.4	0.00	571.50
252.0	0.00	0.0	1376.4	1376.4	0.00	571.50
253.0	0.00	0.0	1376.4	1376.4	0.00	571.50
254.0	0.00	0.0	1376.4	1376.4	0.00	571.50
255.0	0.00	0.0	1376.4	1376.4	0.00	571.50
256.0	0.00	0.0	1376.4	1376.4	0.00	571.50
257.0	0.00	0.0	1376.4	1376.4	0.00	571.50
258.0	0.00	0.0	1376.4	1376.4	0.00	571.50
259.0	0.00	0.0	1376.4	1376.4	0.00	571.50
260.0	0.00	0.0	1376.4	1376.4	0.00	571.50
261.0	0.00	0.0	1376.4	1376.4	0.00	571.50
262.0	0.00	0.0	1376.4	1376.4	0.00	571.50
263.0	0.00	0.0	1376.4	1376.4	0.00	571.50
264.0	0.00	0.0	1376.4	1376.4	0.00	571.50
265.0	0.00	0.0	1376.4	1376.4	0.00	571.50
266.0	0.00	0.0	1376.4	1376.4	0.00	571.50
267.0	0.00	0.0	1376.4	1376.4	0.00	571.50
268.0	0.00	0.0	1376.4	1376.4	0.00	571.50
269.0	0.00	0.0	1376.4	1376.4	0.00	571.50
270.0	0.00	0.0	1376.4	1376.4	0.00	571.50
271.0	0.00	0.0	1376.4	1376.4	0.00	571.50
272.0	0.00	0.0	1376.4	1376.4	0.00	571.50
273.0	0.00	0.0	1376.4	1376.4	0.00	571.50
274.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL215.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
275.0	0.00	0.0	1376.4	1376.4	0.00	571.50
276.0	0.00	0.0	1376.4	1376.4	0.00	571.50
277.0	0.00	0.0	1376.4	1376.4	0.00	571.50
278.0	0.00	0.0	1376.4	1376.4	0.00	571.50
279.0	0.00	0.0	1376.4	1376.4	0.00	571.50
280.0	0.00	0.0	1376.4	1376.4	0.00	571.50
281.0	0.00	0.0	1376.4	1376.4	0.00	571.50
282.0	0.00	0.0	1376.4	1376.4	0.00	571.50
283.0	0.00	0.0	1376.4	1376.4	0.00	571.50
284.0	0.00	0.0	1376.4	1376.4	0.00	571.50
285.0	0.00	0.0	1376.4	1376.4	0.00	571.50
286.0	0.00	0.0	1376.4	1376.4	0.00	571.50
287.0	0.00	0.0	1376.4	1376.4	0.00	571.50
288.0	0.00	0.0	1376.4	1376.4	0.00	571.50
289.0	0.00	0.0	1376.4	1376.4	0.00	571.50
290.0	0.00	0.0	1376.4	1376.4	0.00	571.50
291.0	0.00	0.0	1376.4	1376.4	0.00	571.50
292.0	0.00	0.0	1376.4	1376.4	0.00	571.50
293.0	0.00	0.0	1376.4	1376.4	0.00	571.50
294.0	0.00	0.0	1376.4	1376.4	0.00	571.50
295.0	0.00	0.0	1376.4	1376.4	0.00	571.50
296.0	0.00	0.0	1376.4	1376.4	0.00	571.50
297.0	0.00	0.0	1376.4	1376.4	0.00	571.50
298.0	0.00	0.0	1376.4	1376.4	0.00	571.50
299.0	0.00	0.0	1376.4	1376.4	0.00	571.50
300.0	0.00	0.0	1376.4	1376.4	0.00	571.50
301.0	0.00	0.0	1376.4	1376.4	0.00	571.50
302.0	0.00	0.0	1376.4	1376.4	0.00	571.50
303.0	0.00	0.0	1376.4	1376.4	0.00	571.50

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN2BL.PND
Inflow Hydrograph: j:\DATA\0306147\15BASN2 .HYD
Outflow Hydrograph: j:\DATA\0306147\BABL215 .HYD

Starting Pond W.S. Elevation = 571.50 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 73.39 cfs
Peak Outflow = 72.89 cfs
Peak Elevation = 572.59 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 41,291 cu-ft
Peak Storage From Storm = 13,868 cu-ft

Total Storage in Pond = 55,160 cu-ft


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*****
*
*          FOX HAVEN          *
*  DETENTION ANALYSIS      *
*  DETENTION BASIN #2     *
*   BLOCKED LOW FLOW      *
*
*****
    
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Inflow Hydrograph: j:\DATA\0306147\25BASIN2 .HYD
 Rating Table file: j:\DATA\0306147\BASIN2BL.PND

----INITIAL CONDITIONS----
 Elevation = 571.50 ft
 Outflow = 0.00 cfs
 Storage = 41,291 cu-ft

GIVEN POND DATA			INTERMEDIATE ROUTING COMPUTATIONS	
ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
571.50	0.0	41,291	1376.4	1376.4
571.70	5.7	43,680	1456.0	1461.7
571.90	16.1	46,124	1537.5	1553.6
572.10	29.6	48,629	1621.0	1650.6
572.30	45.6	51,220	1707.3	1752.9
572.50	63.8	53,904	1796.8	1860.6
572.70	83.9	56,682	1889.4	1973.3
572.90	105.7	59,556	1985.2	2090.9
573.10	128.7	62,526	2084.2	2212.9
573.30	143.1	65,595	2186.5	2329.6
573.50	156.1	68,765	2292.2	2448.3
573.70	168.1	72,036	2401.2	2569.3
573.90	179.4	75,412	2513.7	2693.1
574.00	184.7	77,139	2571.3	2756.0

Time increment (t) = 1.0 min.

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL225.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	1376.4	1376.4	0.00	571.50
1.0	9.06	9.1	1384.2	1385.4	0.61	571.52
2.0	18.13	27.2	1406.7	1411.4	2.34	571.58
3.0	27.19	45.3	1441.9	1452.1	5.06	571.68
4.0	27.19	54.4	1477.1	1496.3	9.62	571.78
5.0	36.25	63.4	1511.3	1540.5	14.62	571.87
6.0	45.31	81.6	1549.7	1592.8	21.57	571.98
7.0	54.38	99.7	1590.5	1649.4	29.44	572.10
8.0	63.44	117.8	1631.1	1708.3	38.63	572.21
9.0	72.50	135.9	1671.1	1767.0	47.98	572.33
10.0	72.50	145.0	1703.5	1816.1	56.27	572.42
11.0	81.57	154.1	1731.0	1857.6	63.29	572.49
12.0	90.63	172.2	1760.4	1903.2	71.40	572.58
13.0	90.63	181.3	1785.2	1941.7	78.26	572.64
14.0	90.63	181.3	1801.1	1966.4	82.67	572.69
15.0	90.63	181.3	1811.2	1982.3	85.57	572.72
16.0	90.63	181.3	1817.6	1992.4	87.45	572.73
17.0	90.63	181.3	1821.6	1998.8	88.63	572.74
18.0	90.63	181.3	1824.1	2002.8	89.37	572.75
19.0	90.63	181.3	1825.7	2005.3	89.84	572.75
20.0	90.63	181.3	1826.7	2006.9	90.13	572.76
21.0	81.57	172.2	1821.6	1998.9	88.64	572.74
22.0	72.50	154.1	1807.0	1975.7	84.33	572.70
23.0	63.44	135.9	1786.0	1942.9	78.48	572.65
24.0	63.44	126.9	1766.6	1912.8	73.12	572.59
25.0	54.38	117.8	1748.3	1884.4	68.05	572.54
26.0	45.31	99.7	1724.7	1848.0	61.67	572.48
27.0	36.25	81.6	1697.0	1806.2	54.61	572.40
28.0	27.19	63.4	1666.7	1760.5	46.87	572.31
29.0	18.13	45.3	1633.6	1712.0	39.21	572.22
30.0	18.13	36.3	1604.6	1669.9	32.62	572.14
31.0	9.06	27.2	1577.8	1631.8	26.99	572.06
32.0	0.00	9.1	1545.4	1586.9	20.74	571.97
33.0	0.00	0.0	1515.1	1545.4	15.18	571.88
34.0	0.00	0.0	1491.6	1515.1	11.74	571.82
35.0	0.00	0.0	1473.4	1491.6	9.08	571.77
36.0	0.00	0.0	1459.4	1473.4	7.03	571.73
37.0	0.00	0.0	1448.3	1459.4	5.54	571.69
38.0	0.00	0.0	1438.7	1448.3	4.80	571.67
39.0	0.00	0.0	1430.3	1438.7	4.16	571.65
40.0	0.00	0.0	1423.1	1430.3	3.61	571.63
41.0	0.00	0.0	1416.9	1423.1	3.12	571.61
42.0	0.00	0.0	1411.5	1416.9	2.71	571.59
43.0	0.00	0.0	1406.8	1411.5	2.34	571.58
44.0	0.00	0.0	1402.7	1406.8	2.03	571.57

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL225.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
45.0	0.00	0.0	1399.2	1402.7	1.76	571.56
46.0	0.00	0.0	1396.1	1399.2	1.52	571.55
47.0	0.00	0.0	1393.5	1396.1	1.32	571.55
48.0	0.00	0.0	1391.2	1393.5	1.14	571.54
49.0	0.00	0.0	1389.2	1391.2	0.99	571.53
50.0	0.00	0.0	1387.5	1389.2	0.86	571.53
51.0	0.00	0.0	1386.0	1387.5	0.74	571.53
52.0	0.00	0.0	1384.7	1386.0	0.64	571.52
53.0	0.00	0.0	1383.6	1384.7	0.56	571.52
54.0	0.00	0.0	1382.7	1383.6	0.48	571.52
55.0	0.00	0.0	1381.8	1382.7	0.42	571.51
56.0	0.00	0.0	1381.1	1381.8	0.36	571.51
57.0	0.00	0.0	1380.5	1381.1	0.31	571.51
58.0	0.00	0.0	1379.9	1380.5	0.27	571.51
59.0	0.00	0.0	1379.4	1379.9	0.24	571.51
60.0	0.00	0.0	1379.0	1379.4	0.20	571.51
61.0	0.00	0.0	1378.7	1379.0	0.18	571.51
62.0	0.00	0.0	1378.4	1378.7	0.15	571.51
63.0	0.00	0.0	1378.1	1378.4	0.13	571.50
64.0	0.00	0.0	1377.9	1378.1	0.12	571.50
65.0	0.00	0.0	1377.7	1377.9	0.10	571.50
66.0	0.00	0.0	1377.5	1377.7	0.09	571.50
67.0	0.00	0.0	1377.3	1377.5	0.07	571.50
68.0	0.00	0.0	1377.2	1377.3	0.06	571.50
69.0	0.00	0.0	1377.1	1377.2	0.06	571.50
70.0	0.00	0.0	1377.0	1377.1	0.05	571.50
71.0	0.00	0.0	1376.9	1377.0	0.04	571.50
72.0	0.00	0.0	1376.9	1376.9	0.04	571.50
73.0	0.00	0.0	1376.8	1376.9	0.03	571.50
74.0	0.00	0.0	1376.7	1376.8	0.03	571.50
75.0	0.00	0.0	1376.7	1376.7	0.02	571.50
76.0	0.00	0.0	1376.6	1376.7	0.02	571.50
77.0	0.00	0.0	1376.6	1376.6	0.02	571.50
78.0	0.00	0.0	1376.6	1376.6	0.02	571.50
79.0	0.00	0.0	1376.6	1376.6	0.01	571.50
80.0	0.00	0.0	1376.5	1376.6	0.01	571.50
81.0	0.00	0.0	1376.5	1376.5	0.01	571.50
82.0	0.00	0.0	1376.5	1376.5	0.01	571.50
83.0	0.00	0.0	1376.5	1376.5	0.01	571.50
84.0	0.00	0.0	1376.5	1376.5	0.01	571.50
85.0	0.00	0.0	1376.5	1376.5	0.01	571.50
86.0	0.00	0.0	1376.4	1376.5	0.00	571.50
87.0	0.00	0.0	1376.4	1376.4	0.00	571.50
88.0	0.00	0.0	1376.4	1376.4	0.00	571.50
89.0	0.00	0.0	1376.4	1376.4	0.00	571.50
90.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 ? low Hydrograph: j:\DATA\0306147\25BASN2 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL225 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
91.0	0.00	0.0	1376.4	1376.4	0.00	571.50
92.0	0.00	0.0	1376.4	1376.4	0.00	571.50
93.0	0.00	0.0	1376.4	1376.4	0.00	571.50
94.0	0.00	0.0	1376.4	1376.4	0.00	571.50
95.0	0.00	0.0	1376.4	1376.4	0.00	571.50
96.0	0.00	0.0	1376.4	1376.4	0.00	571.50
97.0	0.00	0.0	1376.4	1376.4	0.00	571.50
98.0	0.00	0.0	1376.4	1376.4	0.00	571.50
99.0	0.00	0.0	1376.4	1376.4	0.00	571.50
100.0	0.00	0.0	1376.4	1376.4	0.00	571.50
101.0	0.00	0.0	1376.4	1376.4	0.00	571.50
102.0	0.00	0.0	1376.4	1376.4	0.00	571.50
103.0	0.00	0.0	1376.4	1376.4	0.00	571.50
104.0	0.00	0.0	1376.4	1376.4	0.00	571.50
105.0	0.00	0.0	1376.4	1376.4	0.00	571.50
106.0	0.00	0.0	1376.4	1376.4	0.00	571.50
107.0	0.00	0.0	1376.4	1376.4	0.00	571.50
108.0	0.00	0.0	1376.4	1376.4	0.00	571.50
109.0	0.00	0.0	1376.4	1376.4	0.00	571.50
110.0	0.00	0.0	1376.4	1376.4	0.00	571.50
111.0	0.00	0.0	1376.4	1376.4	0.00	571.50
112.0	0.00	0.0	1376.4	1376.4	0.00	571.50
113.0	0.00	0.0	1376.4	1376.4	0.00	571.50
114.0	0.00	0.0	1376.4	1376.4	0.00	571.50
115.0	0.00	0.0	1376.4	1376.4	0.00	571.50
116.0	0.00	0.0	1376.4	1376.4	0.00	571.50
117.0	0.00	0.0	1376.4	1376.4	0.00	571.50
118.0	0.00	0.0	1376.4	1376.4	0.00	571.50
119.0	0.00	0.0	1376.4	1376.4	0.00	571.50
120.0	0.00	0.0	1376.4	1376.4	0.00	571.50
121.0	0.00	0.0	1376.4	1376.4	0.00	571.50
122.0	0.00	0.0	1376.4	1376.4	0.00	571.50
123.0	0.00	0.0	1376.4	1376.4	0.00	571.50
124.0	0.00	0.0	1376.4	1376.4	0.00	571.50
125.0	0.00	0.0	1376.4	1376.4	0.00	571.50
126.0	0.00	0.0	1376.4	1376.4	0.00	571.50
127.0	0.00	0.0	1376.4	1376.4	0.00	571.50
128.0	0.00	0.0	1376.4	1376.4	0.00	571.50
129.0	0.00	0.0	1376.4	1376.4	0.00	571.50
130.0	0.00	0.0	1376.4	1376.4	0.00	571.50
131.0	0.00	0.0	1376.4	1376.4	0.00	571.50
132.0	0.00	0.0	1376.4	1376.4	0.00	571.50
133.0	0.00	0.0	1376.4	1376.4	0.00	571.50
134.0	0.00	0.0	1376.4	1376.4	0.00	571.50
135.0	0.00	0.0	1376.4	1376.4	0.00	571.50
136.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL225.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
137.0	0.00	0.0	1376.4	1376.4	0.00	571.50
138.0	0.00	0.0	1376.4	1376.4	0.00	571.50
139.0	0.00	0.0	1376.4	1376.4	0.00	571.50
140.0	0.00	0.0	1376.4	1376.4	0.00	571.50
141.0	0.00	0.0	1376.4	1376.4	0.00	571.50
142.0	0.00	0.0	1376.4	1376.4	0.00	571.50
143.0	0.00	0.0	1376.4	1376.4	0.00	571.50
144.0	0.00	0.0	1376.4	1376.4	0.00	571.50
145.0	0.00	0.0	1376.4	1376.4	0.00	571.50
146.0	0.00	0.0	1376.4	1376.4	0.00	571.50
147.0	0.00	0.0	1376.4	1376.4	0.00	571.50
148.0	0.00	0.0	1376.4	1376.4	0.00	571.50
149.0	0.00	0.0	1376.4	1376.4	0.00	571.50
150.0	0.00	0.0	1376.4	1376.4	0.00	571.50
151.0	0.00	0.0	1376.4	1376.4	0.00	571.50
152.0	0.00	0.0	1376.4	1376.4	0.00	571.50
153.0	0.00	0.0	1376.4	1376.4	0.00	571.50
154.0	0.00	0.0	1376.4	1376.4	0.00	571.50
155.0	0.00	0.0	1376.4	1376.4	0.00	571.50
156.0	0.00	0.0	1376.4	1376.4	0.00	571.50
157.0	0.00	0.0	1376.4	1376.4	0.00	571.50
158.0	0.00	0.0	1376.4	1376.4	0.00	571.50
159.0	0.00	0.0	1376.4	1376.4	0.00	571.50
160.0	0.00	0.0	1376.4	1376.4	0.00	571.50
161.0	0.00	0.0	1376.4	1376.4	0.00	571.50
162.0	0.00	0.0	1376.4	1376.4	0.00	571.50
163.0	0.00	0.0	1376.4	1376.4	0.00	571.50
164.0	0.00	0.0	1376.4	1376.4	0.00	571.50
165.0	0.00	0.0	1376.4	1376.4	0.00	571.50
166.0	0.00	0.0	1376.4	1376.4	0.00	571.50
167.0	0.00	0.0	1376.4	1376.4	0.00	571.50
168.0	0.00	0.0	1376.4	1376.4	0.00	571.50
169.0	0.00	0.0	1376.4	1376.4	0.00	571.50
170.0	0.00	0.0	1376.4	1376.4	0.00	571.50
171.0	0.00	0.0	1376.4	1376.4	0.00	571.50
172.0	0.00	0.0	1376.4	1376.4	0.00	571.50
173.0	0.00	0.0	1376.4	1376.4	0.00	571.50
174.0	0.00	0.0	1376.4	1376.4	0.00	571.50
175.0	0.00	0.0	1376.4	1376.4	0.00	571.50
176.0	0.00	0.0	1376.4	1376.4	0.00	571.50
177.0	0.00	0.0	1376.4	1376.4	0.00	571.50
178.0	0.00	0.0	1376.4	1376.4	0.00	571.50
179.0	0.00	0.0	1376.4	1376.4	0.00	571.50
180.0	0.00	0.0	1376.4	1376.4	0.00	571.50
181.0	0.00	0.0	1376.4	1376.4	0.00	571.50
182.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL225.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
183.0	0.00	0.0	1376.4	1376.4	0.00	571.50
184.0	0.00	0.0	1376.4	1376.4	0.00	571.50
185.0	0.00	0.0	1376.4	1376.4	0.00	571.50
186.0	0.00	0.0	1376.4	1376.4	0.00	571.50
187.0	0.00	0.0	1376.4	1376.4	0.00	571.50
188.0	0.00	0.0	1376.4	1376.4	0.00	571.50
189.0	0.00	0.0	1376.4	1376.4	0.00	571.50
190.0	0.00	0.0	1376.4	1376.4	0.00	571.50
191.0	0.00	0.0	1376.4	1376.4	0.00	571.50
192.0	0.00	0.0	1376.4	1376.4	0.00	571.50
193.0	0.00	0.0	1376.4	1376.4	0.00	571.50
194.0	0.00	0.0	1376.4	1376.4	0.00	571.50
195.0	0.00	0.0	1376.4	1376.4	0.00	571.50
196.0	0.00	0.0	1376.4	1376.4	0.00	571.50
197.0	0.00	0.0	1376.4	1376.4	0.00	571.50
198.0	0.00	0.0	1376.4	1376.4	0.00	571.50
199.0	0.00	0.0	1376.4	1376.4	0.00	571.50
200.0	0.00	0.0	1376.4	1376.4	0.00	571.50
201.0	0.00	0.0	1376.4	1376.4	0.00	571.50
202.0	0.00	0.0	1376.4	1376.4	0.00	571.50
203.0	0.00	0.0	1376.4	1376.4	0.00	571.50
204.0	0.00	0.0	1376.4	1376.4	0.00	571.50
205.0	0.00	0.0	1376.4	1376.4	0.00	571.50
206.0	0.00	0.0	1376.4	1376.4	0.00	571.50
207.0	0.00	0.0	1376.4	1376.4	0.00	571.50
208.0	0.00	0.0	1376.4	1376.4	0.00	571.50
209.0	0.00	0.0	1376.4	1376.4	0.00	571.50
210.0	0.00	0.0	1376.4	1376.4	0.00	571.50
211.0	0.00	0.0	1376.4	1376.4	0.00	571.50
212.0	0.00	0.0	1376.4	1376.4	0.00	571.50
213.0	0.00	0.0	1376.4	1376.4	0.00	571.50
214.0	0.00	0.0	1376.4	1376.4	0.00	571.50
215.0	0.00	0.0	1376.4	1376.4	0.00	571.50
216.0	0.00	0.0	1376.4	1376.4	0.00	571.50
217.0	0.00	0.0	1376.4	1376.4	0.00	571.50
218.0	0.00	0.0	1376.4	1376.4	0.00	571.50
219.0	0.00	0.0	1376.4	1376.4	0.00	571.50
220.0	0.00	0.0	1376.4	1376.4	0.00	571.50
221.0	0.00	0.0	1376.4	1376.4	0.00	571.50
222.0	0.00	0.0	1376.4	1376.4	0.00	571.50
223.0	0.00	0.0	1376.4	1376.4	0.00	571.50
224.0	0.00	0.0	1376.4	1376.4	0.00	571.50
225.0	0.00	0.0	1376.4	1376.4	0.00	571.50
226.0	0.00	0.0	1376.4	1376.4	0.00	571.50
227.0	0.00	0.0	1376.4	1376.4	0.00	571.50
228.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL225.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
229.0	0.00	0.0	1376.4	1376.4	0.00	571.50
230.0	0.00	0.0	1376.4	1376.4	0.00	571.50
231.0	0.00	0.0	1376.4	1376.4	0.00	571.50
232.0	0.00	0.0	1376.4	1376.4	0.00	571.50
233.0	0.00	0.0	1376.4	1376.4	0.00	571.50
234.0	0.00	0.0	1376.4	1376.4	0.00	571.50
235.0	0.00	0.0	1376.4	1376.4	0.00	571.50
236.0	0.00	0.0	1376.4	1376.4	0.00	571.50
237.0	0.00	0.0	1376.4	1376.4	0.00	571.50
238.0	0.00	0.0	1376.4	1376.4	0.00	571.50
239.0	0.00	0.0	1376.4	1376.4	0.00	571.50
240.0	0.00	0.0	1376.4	1376.4	0.00	571.50
241.0	0.00	0.0	1376.4	1376.4	0.00	571.50
242.0	0.00	0.0	1376.4	1376.4	0.00	571.50
243.0	0.00	0.0	1376.4	1376.4	0.00	571.50
244.0	0.00	0.0	1376.4	1376.4	0.00	571.50
245.0	0.00	0.0	1376.4	1376.4	0.00	571.50
246.0	0.00	0.0	1376.4	1376.4	0.00	571.50
247.0	0.00	0.0	1376.4	1376.4	0.00	571.50
248.0	0.00	0.0	1376.4	1376.4	0.00	571.50
249.0	0.00	0.0	1376.4	1376.4	0.00	571.50
250.0	0.00	0.0	1376.4	1376.4	0.00	571.50
251.0	0.00	0.0	1376.4	1376.4	0.00	571.50
252.0	0.00	0.0	1376.4	1376.4	0.00	571.50
253.0	0.00	0.0	1376.4	1376.4	0.00	571.50
254.0	0.00	0.0	1376.4	1376.4	0.00	571.50
255.0	0.00	0.0	1376.4	1376.4	0.00	571.50
256.0	0.00	0.0	1376.4	1376.4	0.00	571.50
257.0	0.00	0.0	1376.4	1376.4	0.00	571.50
258.0	0.00	0.0	1376.4	1376.4	0.00	571.50
259.0	0.00	0.0	1376.4	1376.4	0.00	571.50
260.0	0.00	0.0	1376.4	1376.4	0.00	571.50
261.0	0.00	0.0	1376.4	1376.4	0.00	571.50
262.0	0.00	0.0	1376.4	1376.4	0.00	571.50
263.0	0.00	0.0	1376.4	1376.4	0.00	571.50
264.0	0.00	0.0	1376.4	1376.4	0.00	571.50
265.0	0.00	0.0	1376.4	1376.4	0.00	571.50
266.0	0.00	0.0	1376.4	1376.4	0.00	571.50
267.0	0.00	0.0	1376.4	1376.4	0.00	571.50
268.0	0.00	0.0	1376.4	1376.4	0.00	571.50
269.0	0.00	0.0	1376.4	1376.4	0.00	571.50
270.0	0.00	0.0	1376.4	1376.4	0.00	571.50
271.0	0.00	0.0	1376.4	1376.4	0.00	571.50
272.0	0.00	0.0	1376.4	1376.4	0.00	571.50
273.0	0.00	0.0	1376.4	1376.4	0.00	571.50
274.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL225.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
275.0	0.00	0.0	1376.4	1376.4	0.00	571.50
276.0	0.00	0.0	1376.4	1376.4	0.00	571.50
277.0	0.00	0.0	1376.4	1376.4	0.00	571.50
278.0	0.00	0.0	1376.4	1376.4	0.00	571.50
279.0	0.00	0.0	1376.4	1376.4	0.00	571.50
280.0	0.00	0.0	1376.4	1376.4	0.00	571.50
281.0	0.00	0.0	1376.4	1376.4	0.00	571.50
282.0	0.00	0.0	1376.4	1376.4	0.00	571.50
283.0	0.00	0.0	1376.4	1376.4	0.00	571.50
284.0	0.00	0.0	1376.4	1376.4	0.00	571.50
285.0	0.00	0.0	1376.4	1376.4	0.00	571.50
286.0	0.00	0.0	1376.4	1376.4	0.00	571.50
287.0	0.00	0.0	1376.4	1376.4	0.00	571.50
288.0	0.00	0.0	1376.4	1376.4	0.00	571.50
289.0	0.00	0.0	1376.4	1376.4	0.00	571.50
290.0	0.00	0.0	1376.4	1376.4	0.00	571.50
291.0	0.00	0.0	1376.4	1376.4	0.00	571.50
292.0	0.00	0.0	1376.4	1376.4	0.00	571.50
293.0	0.00	0.0	1376.4	1376.4	0.00	571.50
294.0	0.00	0.0	1376.4	1376.4	0.00	571.50
295.0	0.00	0.0	1376.4	1376.4	0.00	571.50
296.0	0.00	0.0	1376.4	1376.4	0.00	571.50
297.0	0.00	0.0	1376.4	1376.4	0.00	571.50
298.0	0.00	0.0	1376.4	1376.4	0.00	571.50
299.0	0.00	0.0	1376.4	1376.4	0.00	571.50
300.0	0.00	0.0	1376.4	1376.4	0.00	571.50
301.0	0.00	0.0	1376.4	1376.4	0.00	571.50
302.0	0.00	0.0	1376.4	1376.4	0.00	571.50
303.0	0.00	0.0	1376.4	1376.4	0.00	571.50

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN2BL.PND
Inflow Hydrograph: j:\DATA\0306147\25BASN2 .HYD
Outflow Hydrograph: j:\DATA\0306147\BABL225 .HYD

Starting Pond W.S. Elevation = 571.50 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 90.63 cfs
Peak Outflow = 90.13 cfs
Peak Elevation = 572.76 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 41,291 cu-ft
Peak Storage From Storm = 16,212 cu-ft

Total Storage in Pond = 57,503 cu-ft

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*****
*
*          FOX HAVEN          *
*  DETENTION ANALYSIS      *
*  DETENTION BASIN #2     *
*   BLOCKED LOW FLOW      *
*
*****
    
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Inflow Hydrograph: j:\DATA\0306147\100BASN2.HYD
 Rating Table file: j:\DATA\0306147\BASIN2BL.PND

----INITIAL CONDITIONS----
 Elevation = 571.50 ft
 Outflow = 0.00 cfs
 Storage = 41,291 cu-ft

GIVEN POND DATA

INTERMEDIATE ROUTING
 COMPUTATIONS

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
571.50	0.0	41,291	1376.4	1376.4
571.70	5.7	43,680	1456.0	1461.7
571.90	16.1	46,124	1537.5	1553.6
572.10	29.6	48,629	1621.0	1650.6
572.30	45.6	51,220	1707.3	1752.9
572.50	63.8	53,904	1796.8	1860.6
572.70	83.9	56,682	1889.4	1973.3
572.90	105.7	59,556	1985.2	2090.9
573.10	128.7	62,526	2084.2	2212.9
573.30	143.1	65,595	2186.5	2329.6
573.50	156.1	68,765	2292.2	2448.3
573.70	168.1	72,036	2401.2	2569.3
573.90	179.4	75,412	2513.7	2693.1
574.00	184.7	77,139	2571.3	2756.0

Time increment (t) = 1.0 min.

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL2100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	1376.4	1376.4	0.00	571.50
1.0	11.59	11.6	1386.4	1388.0	0.77	571.53
2.0	23.19	34.8	1415.2	1421.2	2.99	571.61
3.0	34.78	58.0	1459.2	1473.2	7.00	571.73
4.0	34.78	69.6	1502.2	1528.7	13.29	571.85
5.0	46.37	81.2	1542.8	1583.3	20.24	571.96
6.0	57.97	104.3	1588.9	1647.2	29.13	572.09
7.0	69.56	127.5	1636.7	1716.4	39.90	572.23
8.0	81.15	150.7	1684.5	1787.4	51.42	572.36
9.0	92.74	173.9	1731.6	1858.4	63.43	572.50
10.0	92.74	185.5	1769.3	1917.0	73.86	572.60
11.0	104.34	197.1	1801.1	1966.4	82.67	572.69
12.0	115.93	220.3	1835.7	2021.3	92.80	572.78
13.0	115.93	231.9	1864.8	2067.6	101.38	572.86
14.0	115.93	231.9	1883.1	2096.7	106.79	572.91
15.0	115.93	231.9	1894.5	2115.0	110.24	572.94
16.0	115.93	231.9	1901.6	2126.3	112.38	572.96
17.0	115.93	231.9	1906.0	2133.4	113.72	572.97
18.0	115.93	231.9	1908.7	2137.8	114.55	572.98
19.0	115.93	231.9	1910.5	2140.6	115.07	572.98
20.0	115.93	231.9	1911.5	2142.3	115.40	572.98
21.0	104.34	220.3	1905.0	2131.8	113.41	572.97
22.0	92.74	197.1	1886.4	2102.0	107.80	572.92
23.0	81.15	173.9	1860.3	2060.3	100.03	572.85
24.0	81.15	162.3	1836.5	2022.6	93.03	572.78
25.0	69.56	150.7	1814.3	1987.2	86.48	572.72
26.0	57.97	127.5	1785.2	1941.8	78.28	572.64
27.0	46.37	104.3	1751.6	1889.6	68.97	572.55
28.0	34.78	81.2	1714.6	1832.8	59.10	572.45
29.0	23.19	58.0	1674.7	1772.6	48.92	572.34
30.0	23.19	46.4	1639.9	1721.1	40.63	572.24
31.0	11.59	34.8	1607.9	1674.6	33.36	572.15
32.0	0.00	11.6	1568.9	1619.5	25.28	572.04
33.0	0.00	0.0	1532.5	1568.9	18.24	571.93
34.0	0.00	0.0	1505.0	1532.5	13.71	571.85
35.0	0.00	0.0	1483.8	1505.0	10.61	571.79
36.0	0.00	0.0	1467.4	1483.8	8.21	571.75
37.0	0.00	0.0	1454.7	1467.4	6.35	571.71
38.0	0.00	0.0	1444.3	1454.7	5.23	571.68
39.0	0.00	0.0	1435.2	1444.3	4.54	571.66
40.0	0.00	0.0	1427.3	1435.2	3.93	571.64
41.0	0.00	0.0	1420.5	1427.3	3.40	571.62
42.0	0.00	0.0	1414.6	1420.5	2.95	571.60
43.0	0.00	0.0	1409.5	1414.6	2.56	571.59
44.0	0.00	0.0	1405.1	1409.5	2.21	571.58

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL2100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
45.0	0.00	0.0	1401.2	1405.1	1.92	571.57
46.0	0.00	0.0	1397.9	1401.2	1.66	571.56
47.0	0.00	0.0	1395.0	1397.9	1.44	571.55
48.0	0.00	0.0	1392.5	1395.0	1.25	571.54
49.0	0.00	0.0	1390.4	1392.5	1.08	571.54
50.0	0.00	0.0	1388.5	1390.4	0.94	571.53
51.0	0.00	0.0	1386.9	1388.5	0.81	571.53
52.0	0.00	0.0	1385.5	1386.9	0.70	571.52
53.0	0.00	0.0	1384.3	1385.5	0.61	571.52
54.0	0.00	0.0	1383.2	1384.3	0.53	571.52
55.0	0.00	0.0	1382.3	1383.2	0.46	571.52
56.0	0.00	0.0	1381.5	1382.3	0.40	571.51
57.0	0.00	0.0	1380.8	1381.5	0.34	571.51
58.0	0.00	0.0	1380.2	1380.8	0.30	571.51
59.0	0.00	0.0	1379.7	1380.2	0.26	571.51
60.0	0.00	0.0	1379.3	1379.7	0.22	571.51
61.0	0.00	0.0	1378.9	1379.3	0.19	571.51
62.0	0.00	0.0	1378.5	1378.9	0.17	571.51
63.0	0.00	0.0	1378.3	1378.5	0.15	571.51
64.0	0.00	0.0	1378.0	1378.3	0.13	571.50
65.0	0.00	0.0	1377.8	1378.0	0.11	571.50
66.0	0.00	0.0	1377.6	1377.8	0.09	571.50
67.0	0.00	0.0	1377.4	1377.6	0.08	571.50
68.0	0.00	0.0	1377.3	1377.4	0.07	571.50
69.0	0.00	0.0	1377.2	1377.3	0.06	571.50
70.0	0.00	0.0	1377.1	1377.2	0.05	571.50
71.0	0.00	0.0	1377.0	1377.1	0.05	571.50
72.0	0.00	0.0	1376.9	1377.0	0.04	571.50
73.0	0.00	0.0	1376.8	1376.9	0.03	571.50
74.0	0.00	0.0	1376.8	1376.8	0.03	571.50
75.0	0.00	0.0	1376.7	1376.8	0.03	571.50
76.0	0.00	0.0	1376.7	1376.7	0.02	571.50
77.0	0.00	0.0	1376.6	1376.7	0.02	571.50
78.0	0.00	0.0	1376.6	1376.6	0.02	571.50
79.0	0.00	0.0	1376.6	1376.6	0.01	571.50
80.0	0.00	0.0	1376.5	1376.6	0.01	571.50
81.0	0.00	0.0	1376.5	1376.5	0.01	571.50
82.0	0.00	0.0	1376.5	1376.5	0.01	571.50
83.0	0.00	0.0	1376.5	1376.5	0.01	571.50
84.0	0.00	0.0	1376.5	1376.5	0.01	571.50
85.0	0.00	0.0	1376.5	1376.5	0.01	571.50
86.0	0.00	0.0	1376.4	1376.5	0.01	571.50
87.0	0.00	0.0	1376.4	1376.4	0.00	571.50
88.0	0.00	0.0	1376.4	1376.4	0.00	571.50
89.0	0.00	0.0	1376.4	1376.4	0.00	571.50
90.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL2100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
91.0	0.00	0.0	1376.4	1376.4	0.00	571.50
92.0	0.00	0.0	1376.4	1376.4	0.00	571.50
93.0	0.00	0.0	1376.4	1376.4	0.00	571.50
94.0	0.00	0.0	1376.4	1376.4	0.00	571.50
95.0	0.00	0.0	1376.4	1376.4	0.00	571.50
96.0	0.00	0.0	1376.4	1376.4	0.00	571.50
97.0	0.00	0.0	1376.4	1376.4	0.00	571.50
98.0	0.00	0.0	1376.4	1376.4	0.00	571.50
99.0	0.00	0.0	1376.4	1376.4	0.00	571.50
100.0	0.00	0.0	1376.4	1376.4	0.00	571.50
101.0	0.00	0.0	1376.4	1376.4	0.00	571.50
102.0	0.00	0.0	1376.4	1376.4	0.00	571.50
103.0	0.00	0.0	1376.4	1376.4	0.00	571.50
104.0	0.00	0.0	1376.4	1376.4	0.00	571.50
105.0	0.00	0.0	1376.4	1376.4	0.00	571.50
106.0	0.00	0.0	1376.4	1376.4	0.00	571.50
107.0	0.00	0.0	1376.4	1376.4	0.00	571.50
108.0	0.00	0.0	1376.4	1376.4	0.00	571.50
109.0	0.00	0.0	1376.4	1376.4	0.00	571.50
110.0	0.00	0.0	1376.4	1376.4	0.00	571.50
111.0	0.00	0.0	1376.4	1376.4	0.00	571.50
112.0	0.00	0.0	1376.4	1376.4	0.00	571.50
113.0	0.00	0.0	1376.4	1376.4	0.00	571.50
114.0	0.00	0.0	1376.4	1376.4	0.00	571.50
115.0	0.00	0.0	1376.4	1376.4	0.00	571.50
116.0	0.00	0.0	1376.4	1376.4	0.00	571.50
117.0	0.00	0.0	1376.4	1376.4	0.00	571.50
118.0	0.00	0.0	1376.4	1376.4	0.00	571.50
119.0	0.00	0.0	1376.4	1376.4	0.00	571.50
120.0	0.00	0.0	1376.4	1376.4	0.00	571.50
121.0	0.00	0.0	1376.4	1376.4	0.00	571.50
122.0	0.00	0.0	1376.4	1376.4	0.00	571.50
123.0	0.00	0.0	1376.4	1376.4	0.00	571.50
124.0	0.00	0.0	1376.4	1376.4	0.00	571.50
125.0	0.00	0.0	1376.4	1376.4	0.00	571.50
126.0	0.00	0.0	1376.4	1376.4	0.00	571.50
127.0	0.00	0.0	1376.4	1376.4	0.00	571.50
128.0	0.00	0.0	1376.4	1376.4	0.00	571.50
129.0	0.00	0.0	1376.4	1376.4	0.00	571.50
130.0	0.00	0.0	1376.4	1376.4	0.00	571.50
131.0	0.00	0.0	1376.4	1376.4	0.00	571.50
132.0	0.00	0.0	1376.4	1376.4	0.00	571.50
133.0	0.00	0.0	1376.4	1376.4	0.00	571.50
134.0	0.00	0.0	1376.4	1376.4	0.00	571.50
135.0	0.00	0.0	1376.4	1376.4	0.00	571.50
136.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL2100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
137.0	0.00	0.0	1376.4	1376.4	0.00	571.50
138.0	0.00	0.0	1376.4	1376.4	0.00	571.50
139.0	0.00	0.0	1376.4	1376.4	0.00	571.50
140.0	0.00	0.0	1376.4	1376.4	0.00	571.50
141.0	0.00	0.0	1376.4	1376.4	0.00	571.50
142.0	0.00	0.0	1376.4	1376.4	0.00	571.50
143.0	0.00	0.0	1376.4	1376.4	0.00	571.50
144.0	0.00	0.0	1376.4	1376.4	0.00	571.50
145.0	0.00	0.0	1376.4	1376.4	0.00	571.50
146.0	0.00	0.0	1376.4	1376.4	0.00	571.50
147.0	0.00	0.0	1376.4	1376.4	0.00	571.50
148.0	0.00	0.0	1376.4	1376.4	0.00	571.50
149.0	0.00	0.0	1376.4	1376.4	0.00	571.50
150.0	0.00	0.0	1376.4	1376.4	0.00	571.50
151.0	0.00	0.0	1376.4	1376.4	0.00	571.50
152.0	0.00	0.0	1376.4	1376.4	0.00	571.50
153.0	0.00	0.0	1376.4	1376.4	0.00	571.50
154.0	0.00	0.0	1376.4	1376.4	0.00	571.50
155.0	0.00	0.0	1376.4	1376.4	0.00	571.50
156.0	0.00	0.0	1376.4	1376.4	0.00	571.50
157.0	0.00	0.0	1376.4	1376.4	0.00	571.50
158.0	0.00	0.0	1376.4	1376.4	0.00	571.50
159.0	0.00	0.0	1376.4	1376.4	0.00	571.50
160.0	0.00	0.0	1376.4	1376.4	0.00	571.50
161.0	0.00	0.0	1376.4	1376.4	0.00	571.50
162.0	0.00	0.0	1376.4	1376.4	0.00	571.50
163.0	0.00	0.0	1376.4	1376.4	0.00	571.50
164.0	0.00	0.0	1376.4	1376.4	0.00	571.50
165.0	0.00	0.0	1376.4	1376.4	0.00	571.50
166.0	0.00	0.0	1376.4	1376.4	0.00	571.50
167.0	0.00	0.0	1376.4	1376.4	0.00	571.50
168.0	0.00	0.0	1376.4	1376.4	0.00	571.50
169.0	0.00	0.0	1376.4	1376.4	0.00	571.50
170.0	0.00	0.0	1376.4	1376.4	0.00	571.50
171.0	0.00	0.0	1376.4	1376.4	0.00	571.50
172.0	0.00	0.0	1376.4	1376.4	0.00	571.50
173.0	0.00	0.0	1376.4	1376.4	0.00	571.50
174.0	0.00	0.0	1376.4	1376.4	0.00	571.50
175.0	0.00	0.0	1376.4	1376.4	0.00	571.50
176.0	0.00	0.0	1376.4	1376.4	0.00	571.50
177.0	0.00	0.0	1376.4	1376.4	0.00	571.50
178.0	0.00	0.0	1376.4	1376.4	0.00	571.50
179.0	0.00	0.0	1376.4	1376.4	0.00	571.50
180.0	0.00	0.0	1376.4	1376.4	0.00	571.50
181.0	0.00	0.0	1376.4	1376.4	0.00	571.50
182.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL2100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
183.0	0.00	0.0	1376.4	1376.4	0.00	571.50
184.0	0.00	0.0	1376.4	1376.4	0.00	571.50
185.0	0.00	0.0	1376.4	1376.4	0.00	571.50
186.0	0.00	0.0	1376.4	1376.4	0.00	571.50
187.0	0.00	0.0	1376.4	1376.4	0.00	571.50
188.0	0.00	0.0	1376.4	1376.4	0.00	571.50
189.0	0.00	0.0	1376.4	1376.4	0.00	571.50
190.0	0.00	0.0	1376.4	1376.4	0.00	571.50
191.0	0.00	0.0	1376.4	1376.4	0.00	571.50
192.0	0.00	0.0	1376.4	1376.4	0.00	571.50
193.0	0.00	0.0	1376.4	1376.4	0.00	571.50
194.0	0.00	0.0	1376.4	1376.4	0.00	571.50
195.0	0.00	0.0	1376.4	1376.4	0.00	571.50
196.0	0.00	0.0	1376.4	1376.4	0.00	571.50
197.0	0.00	0.0	1376.4	1376.4	0.00	571.50
198.0	0.00	0.0	1376.4	1376.4	0.00	571.50
199.0	0.00	0.0	1376.4	1376.4	0.00	571.50
200.0	0.00	0.0	1376.4	1376.4	0.00	571.50
201.0	0.00	0.0	1376.4	1376.4	0.00	571.50
202.0	0.00	0.0	1376.4	1376.4	0.00	571.50
203.0	0.00	0.0	1376.4	1376.4	0.00	571.50
204.0	0.00	0.0	1376.4	1376.4	0.00	571.50
205.0	0.00	0.0	1376.4	1376.4	0.00	571.50
206.0	0.00	0.0	1376.4	1376.4	0.00	571.50
207.0	0.00	0.0	1376.4	1376.4	0.00	571.50
208.0	0.00	0.0	1376.4	1376.4	0.00	571.50
209.0	0.00	0.0	1376.4	1376.4	0.00	571.50
210.0	0.00	0.0	1376.4	1376.4	0.00	571.50
211.0	0.00	0.0	1376.4	1376.4	0.00	571.50
212.0	0.00	0.0	1376.4	1376.4	0.00	571.50
213.0	0.00	0.0	1376.4	1376.4	0.00	571.50
214.0	0.00	0.0	1376.4	1376.4	0.00	571.50
215.0	0.00	0.0	1376.4	1376.4	0.00	571.50
216.0	0.00	0.0	1376.4	1376.4	0.00	571.50
217.0	0.00	0.0	1376.4	1376.4	0.00	571.50
218.0	0.00	0.0	1376.4	1376.4	0.00	571.50
219.0	0.00	0.0	1376.4	1376.4	0.00	571.50
220.0	0.00	0.0	1376.4	1376.4	0.00	571.50
221.0	0.00	0.0	1376.4	1376.4	0.00	571.50
222.0	0.00	0.0	1376.4	1376.4	0.00	571.50
223.0	0.00	0.0	1376.4	1376.4	0.00	571.50
224.0	0.00	0.0	1376.4	1376.4	0.00	571.50
225.0	0.00	0.0	1376.4	1376.4	0.00	571.50
226.0	0.00	0.0	1376.4	1376.4	0.00	571.50
227.0	0.00	0.0	1376.4	1376.4	0.00	571.50
228.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL2100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
229.0	0.00	0.0	1376.4	1376.4	0.00	571.50
230.0	0.00	0.0	1376.4	1376.4	0.00	571.50
231.0	0.00	0.0	1376.4	1376.4	0.00	571.50
232.0	0.00	0.0	1376.4	1376.4	0.00	571.50
233.0	0.00	0.0	1376.4	1376.4	0.00	571.50
234.0	0.00	0.0	1376.4	1376.4	0.00	571.50
235.0	0.00	0.0	1376.4	1376.4	0.00	571.50
236.0	0.00	0.0	1376.4	1376.4	0.00	571.50
237.0	0.00	0.0	1376.4	1376.4	0.00	571.50
238.0	0.00	0.0	1376.4	1376.4	0.00	571.50
239.0	0.00	0.0	1376.4	1376.4	0.00	571.50
240.0	0.00	0.0	1376.4	1376.4	0.00	571.50
241.0	0.00	0.0	1376.4	1376.4	0.00	571.50
242.0	0.00	0.0	1376.4	1376.4	0.00	571.50
243.0	0.00	0.0	1376.4	1376.4	0.00	571.50
244.0	0.00	0.0	1376.4	1376.4	0.00	571.50
245.0	0.00	0.0	1376.4	1376.4	0.00	571.50
246.0	0.00	0.0	1376.4	1376.4	0.00	571.50
247.0	0.00	0.0	1376.4	1376.4	0.00	571.50
248.0	0.00	0.0	1376.4	1376.4	0.00	571.50
249.0	0.00	0.0	1376.4	1376.4	0.00	571.50
250.0	0.00	0.0	1376.4	1376.4	0.00	571.50
251.0	0.00	0.0	1376.4	1376.4	0.00	571.50
252.0	0.00	0.0	1376.4	1376.4	0.00	571.50
253.0	0.00	0.0	1376.4	1376.4	0.00	571.50
254.0	0.00	0.0	1376.4	1376.4	0.00	571.50
255.0	0.00	0.0	1376.4	1376.4	0.00	571.50
256.0	0.00	0.0	1376.4	1376.4	0.00	571.50
257.0	0.00	0.0	1376.4	1376.4	0.00	571.50
258.0	0.00	0.0	1376.4	1376.4	0.00	571.50
259.0	0.00	0.0	1376.4	1376.4	0.00	571.50
260.0	0.00	0.0	1376.4	1376.4	0.00	571.50
261.0	0.00	0.0	1376.4	1376.4	0.00	571.50
262.0	0.00	0.0	1376.4	1376.4	0.00	571.50
263.0	0.00	0.0	1376.4	1376.4	0.00	571.50
264.0	0.00	0.0	1376.4	1376.4	0.00	571.50
265.0	0.00	0.0	1376.4	1376.4	0.00	571.50
266.0	0.00	0.0	1376.4	1376.4	0.00	571.50
267.0	0.00	0.0	1376.4	1376.4	0.00	571.50
268.0	0.00	0.0	1376.4	1376.4	0.00	571.50
269.0	0.00	0.0	1376.4	1376.4	0.00	571.50
270.0	0.00	0.0	1376.4	1376.4	0.00	571.50
271.0	0.00	0.0	1376.4	1376.4	0.00	571.50
272.0	0.00	0.0	1376.4	1376.4	0.00	571.50
273.0	0.00	0.0	1376.4	1376.4	0.00	571.50
274.0	0.00	0.0	1376.4	1376.4	0.00	571.50

Pond File: j:\DATA\0306147\BASIN2BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN2.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL2100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
275.0	0.00	0.0	1376.4	1376.4	0.00	571.50
276.0	0.00	0.0	1376.4	1376.4	0.00	571.50
277.0	0.00	0.0	1376.4	1376.4	0.00	571.50
278.0	0.00	0.0	1376.4	1376.4	0.00	571.50
279.0	0.00	0.0	1376.4	1376.4	0.00	571.50
280.0	0.00	0.0	1376.4	1376.4	0.00	571.50
281.0	0.00	0.0	1376.4	1376.4	0.00	571.50
282.0	0.00	0.0	1376.4	1376.4	0.00	571.50
283.0	0.00	0.0	1376.4	1376.4	0.00	571.50
284.0	0.00	0.0	1376.4	1376.4	0.00	571.50
285.0	0.00	0.0	1376.4	1376.4	0.00	571.50
286.0	0.00	0.0	1376.4	1376.4	0.00	571.50
287.0	0.00	0.0	1376.4	1376.4	0.00	571.50
288.0	0.00	0.0	1376.4	1376.4	0.00	571.50
289.0	0.00	0.0	1376.4	1376.4	0.00	571.50
290.0	0.00	0.0	1376.4	1376.4	0.00	571.50
291.0	0.00	0.0	1376.4	1376.4	0.00	571.50
292.0	0.00	0.0	1376.4	1376.4	0.00	571.50
293.0	0.00	0.0	1376.4	1376.4	0.00	571.50
294.0	0.00	0.0	1376.4	1376.4	0.00	571.50
295.0	0.00	0.0	1376.4	1376.4	0.00	571.50
296.0	0.00	0.0	1376.4	1376.4	0.00	571.50
297.0	0.00	0.0	1376.4	1376.4	0.00	571.50
298.0	0.00	0.0	1376.4	1376.4	0.00	571.50
299.0	0.00	0.0	1376.4	1376.4	0.00	571.50
300.0	0.00	0.0	1376.4	1376.4	0.00	571.50
301.0	0.00	0.0	1376.4	1376.4	0.00	571.50
302.0	0.00	0.0	1376.4	1376.4	0.00	571.50
303.0	0.00	0.0	1376.4	1376.4	0.00	571.50

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN2BL.PND
Inflow Hydrograph: j:\DATA\0306147\100BASN2.HYD
Outflow Hydrograph: j:\DATA\0306147\BABL2100.HYD

Starting Pond W.S. Elevation = 571.50 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 115.93 cfs
Peak Outflow = 115.40 cfs
Peak Elevation = 572.98 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 41,291 cu-ft
Peak Storage From Storm = 19,516 cu-ft

Total Storage in Pond = 60,808 cu-ft

Outlet Structure File: BASIN3 .STR

POND-2 Version: 5.17
Date Executed:

S/N: 1903000008
Time Executed:

BASIN #3

***** COMPOSITE OUTFLOW SUMMARY *****

Elevation (ft)	Q (cfs)	Contributing Structures
558.50	0.0	1
558.80	0.1	1
559.10	0.3	2
559.40	0.3	2
559.70	0.4	2
560.00	0.5	2
560.30	0.5	2
560.60	0.6	2
560.90	0.6	2
561.20	0.6	2
561.50	0.7	2
561.80	0.7	2
562.10	0.7	2
562.40	0.8	2
562.70	0.8	2
563.00	0.8	2
563.30	0.9	2
563.60	0.9	2
563.90	0.9	2
564.20	0.9	2
564.50	1.0	2
564.80	1.0	2
565.10	1.0	2
565.40	1.0	2
565.70	1.1	2
566.00	1.1	3 +2
566.30	11.6	3 +2
566.60	30.8	3 +2
566.90	55.6	3 +2
567.20	79.0	4 +2
567.50	94.3	4 +2
567.80	107.3	4 +2
568.00	115.2	4 +2

Outlet Structure File: BASIN3 .STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #3

Outlet Structure File: j:\DATA\0306147\BASIN3 .STR
Planimeter Input File: j:\DATA\0306147\BASIN3 .VOL
Rating Table Output File: j:\DATA\0306147\BASIN3 .PND

Min. Elev.(ft) = 558.5 Max. Elev.(ft) = 568 Incr.(ft) = .3

Additional elevations (ft) to be included in table:
* * * * *

SYSTEM CONNECTIVITY

Structure	No.	Q Table	Q Table
-----	---	-----	-----
ORIFICE	4	->	4
WEIR-VR	3	->	3
ORIFICE	2	->	2
WEIR-VR	1	->	1

Outflow rating table summary was stored in file:
j:\DATA\0306147\BASIN3 .PND

Outlet Structure File: BASIN3 .STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #3

>>>>> Structure No. 4 <<<<<<
(Input Data)

ORIFICE

Orifice - Based on Area and Datum Elevation

E1 elev.(ft)?	567
E2 elev.(ft)?	568.001
Orifice coeff.?	.6
Invert elev.(ft)?	566
Datum elev.(ft) ?	566.5
Orifice area (sq ft)?	19.33

Outlet Structure File: BASIN3 .STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #3

>>>>> Structure No. 3 <<<<<<
(Input Data)

WEIR-VR

Weir - Vertical Rectangular

E1 elev.(ft)?	566
E2 elev.(ft)?	567
Weir coefficient?	3.3
Weir elev.(ft)?	566
Length (ft)?	19.33
Contracted/Suppressed (C/S)?	S

Outlet Structure File: BASIN3 .STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #3

>>>>> Structure No. 2 <<<<<<
(Input Data)

ORIFICE

Orifice - Based on Area and Datum Elevation

E1 elev.(ft)?	558.833
E2 elev.(ft)?	568.001
Orifice coeff.?	.6
Invert elev.(ft)?	558.5
Datum elev.(ft) ?	558.666
Orifice area (sq ft)?	.0833

Outlet Structure File: BASIN3 .STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #3

>>>>> Structure No. 1 <<<<<<
(Input Data)

WEIR-VR

Weir - Vertical Rectangular

E1 elev.(ft)?	558.5
E2 elev.(ft)?	558.833
Weir coefficient?	3.3
Weir elev.(ft)?	558.5
Length (ft)?	.25
Contracted/Suppressed (C/S)?	S


```

*****
*
*          FOX HAVEN          *
*  DETENTION ANALYSIS      *
*  DETENTION BASIN #3      *
*
*
*****
    
```

Inflow Hydrograph: j:\DATA\0306147\02BASIN3 .HYD
 Rating Table file: j:\DATA\0306147\BASIN3 .PND

----INITIAL CONDITIONS----
 Elevation = 558.50 ft
 Outflow = 0.00 cfs
 Storage = 0 cu-ft

GIVEN POND DATA

INTERMEDIATE ROUTING
 COMPUTATIONS

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
558.50	0.0	0	0.0	0.0
558.80	0.1	8	0.1	0.2
559.10	0.3	64	0.7	1.0
559.40	0.3	216	2.4	2.7
559.70	0.4	512	5.7	6.1
560.00	0.5	1,000	11.1	11.6
560.30	0.5	1,707	19.0	19.5
560.60	0.6	2,651	29.5	30.1
560.90	0.6	3,866	43.0	43.6
561.20	0.6	5,386	59.8	60.4
561.50	0.7	7,246	80.5	81.2
561.80	0.7	9,480	105.3	106.0
562.10	0.7	12,103	134.5	135.2
562.40	0.8	14,911	165.7	166.5
562.70	0.8	17,835	198.2	199.0
563.00	0.8	20,879	232.0	232.8
563.30	0.9	24,045	267.2	268.1
563.60	0.9	27,335	303.7	304.6
563.90	0.9	30,752	341.7	342.6
564.20	0.9	34,298	381.1	382.0
564.50	1.0	37,973	421.9	422.9
564.80	1.0	41,779	464.2	465.2
565.10	1.0	45,719	508.0	509.0
565.40	1.0	49,795	553.3	554.3
565.70	1.1	54,009	600.1	601.2
566.00	1.1	58,364	648.5	649.6
566.30	11.6	62,861	698.5	710.1
566.60	30.8	67,503	750.0	780.8
566.90	55.6	72,292	803.2	858.8
567.20	79.0	77,230	858.1	937.1
567.50	94.3	82,319	914.7	1009.0

GIVEN POND DATA

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)
567.80	107.3	87,562
568.00	115.2	91,144

INTERMEDIATE ROUTING
COMPUTATIONS

2S/t (cfs)	2S/t + 0 (cfs)
972.9	1080.2
1012.7	1127.9

Time increment (t) = 3.0 min.

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN302 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	0.0	0.0	0.00	558.50
3.0	24.44	24.4	23.3	24.4	0.55	560.44
6.0	24.44	48.9	70.9	72.2	0.66	561.37
9.0	24.44	48.9	118.4	119.8	0.70	561.94
12.0	24.44	48.9	165.7	167.3	0.80	562.41
15.0	24.44	48.9	213.0	214.6	0.80	562.84
18.0	24.44	48.9	260.1	261.8	0.88	563.25
21.0	12.22	36.7	294.9	296.7	0.90	563.54
24.0	0.00	12.2	305.3	307.1	0.90	563.62
27.0	0.00	0.0	303.5	305.3	0.90	563.61
30.0	0.00	0.0	301.7	303.5	0.90	563.59
33.0	0.00	0.0	299.9	301.7	0.90	563.58
36.0	0.00	0.0	298.1	299.9	0.90	563.56
39.0	0.00	0.0	296.3	298.1	0.90	563.55
42.0	0.00	0.0	294.5	296.3	0.90	563.53
45.0	0.00	0.0	292.7	294.5	0.90	563.52
48.0	0.00	0.0	290.9	292.7	0.90	563.50
51.0	0.00	0.0	289.1	290.9	0.90	563.49
54.0	0.00	0.0	287.3	289.1	0.90	563.47
57.0	0.00	0.0	285.5	287.3	0.90	563.46
60.0	0.00	0.0	283.7	285.5	0.90	563.44
63.0	0.00	0.0	281.9	283.7	0.90	563.43
66.0	0.00	0.0	280.1	281.9	0.90	563.41
69.0	0.00	0.0	278.3	280.1	0.90	563.40
72.0	0.00	0.0	276.5	278.3	0.90	563.38
75.0	0.00	0.0	274.7	276.5	0.90	563.37
78.0	0.00	0.0	272.9	274.7	0.90	563.35
81.0	0.00	0.0	271.1	272.9	0.90	563.34
84.0	0.00	0.0	269.3	271.1	0.90	563.33
87.0	0.00	0.0	267.5	269.3	0.90	563.31
90.0	0.00	0.0	265.8	267.5	0.90	563.30
93.0	0.00	0.0	264.0	265.8	0.89	563.28
96.0	0.00	0.0	262.2	264.0	0.89	563.27
99.0	0.00	0.0	260.4	262.2	0.88	563.25
102.0	0.00	0.0	258.7	260.4	0.88	563.23
105.0	0.00	0.0	256.9	258.7	0.87	563.22
108.0	0.00	0.0	255.2	256.9	0.87	563.21
111.0	0.00	0.0	253.5	255.2	0.86	563.19
114.0	0.00	0.0	251.7	253.5	0.86	563.18
117.0	0.00	0.0	250.0	251.7	0.85	563.16
120.0	0.00	0.0	248.3	250.0	0.85	563.15
123.0	0.00	0.0	246.6	248.3	0.84	563.13
126.0	0.00	0.0	245.0	246.6	0.84	563.12
129.0	0.00	0.0	243.3	245.0	0.83	563.10
132.0	0.00	0.0	241.6	243.3	0.83	563.09

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN3 .HYD
 flow Hydrograph: j:\DATA\0306147\BASIN302 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
135.0	0.00	0.0	240.0	241.6	0.83	563.08
138.0	0.00	0.0	238.3	240.0	0.82	563.06
141.0	0.00	0.0	236.7	238.3	0.82	563.05
144.0	0.00	0.0	235.1	236.7	0.81	563.03
147.0	0.00	0.0	233.5	235.1	0.81	563.02
150.0	0.00	0.0	231.9	233.5	0.80	563.01
153.0	0.00	0.0	230.3	231.9	0.80	562.99
156.0	0.00	0.0	228.7	230.3	0.80	562.98
159.0	0.00	0.0	227.1	228.7	0.80	562.96
162.0	0.00	0.0	225.5	227.1	0.80	562.95
165.0	0.00	0.0	223.9	225.5	0.80	562.94
168.0	0.00	0.0	222.3	223.9	0.80	562.92
171.0	0.00	0.0	220.7	222.3	0.80	562.91
174.0	0.00	0.0	219.1	220.7	0.80	562.89
177.0	0.00	0.0	217.5	219.1	0.80	562.88
180.0	0.00	0.0	215.9	217.5	0.80	562.86
183.0	0.00	0.0	214.3	215.9	0.80	562.85
186.0	0.00	0.0	212.7	214.3	0.80	562.84
189.0	0.00	0.0	211.1	212.7	0.80	562.82
192.0	0.00	0.0	209.5	211.1	0.80	562.81
195.0	0.00	0.0	207.9	209.5	0.80	562.79
198.0	0.00	0.0	206.3	207.9	0.80	562.78
201.0	0.00	0.0	204.7	206.3	0.80	562.76
204.0	0.00	0.0	203.1	204.7	0.80	562.75
207.0	0.00	0.0	201.5	203.1	0.80	562.74
210.0	0.00	0.0	199.9	201.5	0.80	562.72
213.0	0.00	0.0	198.3	199.9	0.80	562.71
216.0	0.00	0.0	196.7	198.3	0.80	562.69
219.0	0.00	0.0	195.1	196.7	0.80	562.68
222.0	0.00	0.0	193.5	195.1	0.80	562.66
225.0	0.00	0.0	191.9	193.5	0.80	562.65
228.0	0.00	0.0	190.3	191.9	0.80	562.63
231.0	0.00	0.0	188.7	190.3	0.80	562.62
234.0	0.00	0.0	187.1	188.7	0.80	562.60
237.0	0.00	0.0	185.5	187.1	0.80	562.59
240.0	0.00	0.0	183.9	185.5	0.80	562.58
243.0	0.00	0.0	182.3	183.9	0.80	562.56
246.0	0.00	0.0	180.7	182.3	0.80	562.55
249.0	0.00	0.0	179.1	180.7	0.80	562.53
252.0	0.00	0.0	177.5	179.1	0.80	562.52
255.0	0.00	0.0	175.9	177.5	0.80	562.50
258.0	0.00	0.0	174.3	175.9	0.80	562.49
261.0	0.00	0.0	172.7	174.3	0.80	562.47
264.0	0.00	0.0	171.1	172.7	0.80	562.46
267.0	0.00	0.0	169.5	171.1	0.80	562.44
270.0	0.00	0.0	167.9	169.5	0.80	562.43

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN3 .HYD
 :flow Hydrograph: j:\DATA\0306147\BASIN302 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
273.0	0.00	0.0	166.3	167.9	0.80	562.41
276.0	0.00	0.0	164.7	166.3	0.80	562.40
279.0	0.00	0.0	163.1	164.7	0.79	562.38
282.0	0.00	0.0	161.5	163.1	0.79	562.37
285.0	0.00	0.0	159.9	161.5	0.78	562.35
288.0	0.00	0.0	158.4	159.9	0.78	562.34
291.0	0.00	0.0	156.8	158.4	0.77	562.32
294.0	0.00	0.0	155.3	156.8	0.77	562.31
297.0	0.00	0.0	153.8	155.3	0.76	562.29
300.0	0.00	0.0	152.2	153.8	0.76	562.28
303.0	0.00	0.0	150.7	152.2	0.75	562.26
306.0	0.00	0.0	149.2	150.7	0.75	562.25
309.0	0.00	0.0	147.7	149.2	0.74	562.23
312.0	0.00	0.0	146.3	147.7	0.74	562.22
315.0	0.00	0.0	144.8	146.3	0.74	562.21
318.0	0.00	0.0	143.3	144.8	0.73	562.19
321.0	0.00	0.0	141.9	143.3	0.73	562.18
324.0	0.00	0.0	140.4	141.9	0.72	562.16
327.0	0.00	0.0	139.0	140.4	0.72	562.15
330.0	0.00	0.0	137.6	139.0	0.71	562.14
333.0	0.00	0.0	136.2	137.6	0.71	562.12
336.0	0.00	0.0	134.8	136.2	0.70	562.11
339.0	0.00	0.0	133.4	134.8	0.70	562.10
342.0	0.00	0.0	132.0	133.4	0.70	562.08
345.0	0.00	0.0	130.6	132.0	0.70	562.07
348.0	0.00	0.0	129.2	130.6	0.70	562.05
351.0	0.00	0.0	127.8	129.2	0.70	562.04
354.0	0.00	0.0	126.4	127.8	0.70	562.02
357.0	0.00	0.0	125.0	126.4	0.70	562.01
360.0	0.00	0.0	123.6	125.0	0.70	561.99
363.0	0.00	0.0	122.2	123.6	0.70	561.98
366.0	0.00	0.0	120.8	122.2	0.70	561.97
369.0	0.00	0.0	119.4	120.8	0.70	561.95
372.0	0.00	0.0	118.0	119.4	0.70	561.94
375.0	0.00	0.0	116.6	118.0	0.70	561.92
378.0	0.00	0.0	115.2	116.6	0.70	561.91
381.0	0.00	0.0	113.8	115.2	0.70	561.89
384.0	0.00	0.0	112.4	113.8	0.70	561.88
387.0	0.00	0.0	111.0	112.4	0.70	561.87
390.0	0.00	0.0	109.6	111.0	0.70	561.85
393.0	0.00	0.0	108.2	109.6	0.70	561.84
396.0	0.00	0.0	106.8	108.2	0.70	561.82
399.0	0.00	0.0	105.4	106.8	0.70	561.81
402.0	0.00	0.0	104.0	105.4	0.70	561.79
405.0	0.00	0.0	102.6	104.0	0.70	561.78
408.0	0.00	0.0	101.2	102.6	0.70	561.76

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN302 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
411.0	0.00	0.0	99.8	101.2	0.70	561.74
414.0	0.00	0.0	98.4	99.8	0.70	561.72
417.0	0.00	0.0	97.0	98.4	0.70	561.71
420.0	0.00	0.0	95.6	97.0	0.70	561.69
423.0	0.00	0.0	94.2	95.6	0.70	561.67
426.0	0.00	0.0	92.8	94.2	0.70	561.66
429.0	0.00	0.0	91.4	92.8	0.70	561.64
432.0	0.00	0.0	90.0	91.4	0.70	561.62
435.0	0.00	0.0	88.6	90.0	0.70	561.61
438.0	0.00	0.0	87.2	88.6	0.70	561.59
441.0	0.00	0.0	85.8	87.2	0.70	561.57
444.0	0.00	0.0	84.4	85.8	0.70	561.56
447.0	0.00	0.0	83.0	84.4	0.70	561.54
450.0	0.00	0.0	81.6	83.0	0.70	561.52
453.0	0.00	0.0	80.2	81.6	0.70	561.50
456.0	0.00	0.0	78.8	80.2	0.69	561.48
459.0	0.00	0.0	77.4	78.8	0.69	561.46
462.0	0.00	0.0	76.0	77.4	0.68	561.44
465.0	0.00	0.0	74.7	76.0	0.68	561.43
468.0	0.00	0.0	73.3	74.7	0.67	561.41
471.0	0.00	0.0	72.0	73.3	0.66	561.39
474.0	0.00	0.0	70.7	72.0	0.66	561.37
477.0	0.00	0.0	69.4	70.7	0.65	561.35
480.0	0.00	0.0	68.1	69.4	0.64	561.33
483.0	0.00	0.0	66.9	68.1	0.64	561.31
486.0	0.00	0.0	65.6	66.9	0.63	561.29
489.0	0.00	0.0	64.3	65.6	0.62	561.27
492.0	0.00	0.0	63.1	64.3	0.62	561.26
495.0	0.00	0.0	61.9	63.1	0.61	561.24
498.0	0.00	0.0	60.7	61.9	0.61	561.22
501.0	0.00	0.0	59.5	60.7	0.60	561.20
504.0	0.00	0.0	58.3	59.5	0.60	561.18
507.0	0.00	0.0	57.1	58.3	0.60	561.16
510.0	0.00	0.0	55.9	57.1	0.60	561.14
513.0	0.00	0.0	54.7	55.9	0.60	561.12
516.0	0.00	0.0	53.5	54.7	0.60	561.10
519.0	0.00	0.0	52.3	53.5	0.60	561.08
522.0	0.00	0.0	51.1	52.3	0.60	561.05
525.0	0.00	0.0	49.9	51.1	0.60	561.03
528.0	0.00	0.0	48.7	49.9	0.60	561.01
531.0	0.00	0.0	47.5	48.7	0.60	560.99
534.0	0.00	0.0	46.3	47.5	0.60	560.97
537.0	0.00	0.0	45.1	46.3	0.60	560.95
540.0	0.00	0.0	43.9	45.1	0.60	560.93
543.0	0.00	0.0	42.7	43.9	0.60	560.91
546.0	0.00	0.0	41.5	42.7	0.60	560.88

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN302 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
549.0	0.00	0.0	40.3	41.5	0.60	560.85
552.0	0.00	0.0	39.1	40.3	0.60	560.83
555.0	0.00	0.0	37.9	39.1	0.60	560.80
558.0	0.00	0.0	36.7	37.9	0.60	560.77
561.0	0.00	0.0	35.5	36.7	0.60	560.75
564.0	0.00	0.0	34.3	35.5	0.60	560.72
567.0	0.00	0.0	33.1	34.3	0.60	560.69
570.0	0.00	0.0	31.9	33.1	0.60	560.67
573.0	0.00	0.0	30.7	31.9	0.60	560.64
576.0	0.00	0.0	29.5	30.7	0.60	560.61
579.0	0.00	0.0	28.3	29.5	0.59	560.58
582.0	0.00	0.0	27.1	28.3	0.58	560.55
585.0	0.00	0.0	26.0	27.1	0.57	560.52
588.0	0.00	0.0	24.8	26.0	0.56	560.48
591.0	0.00	0.0	23.7	24.8	0.55	560.45
594.0	0.00	0.0	22.7	23.7	0.54	560.42
597.0	0.00	0.0	21.6	22.7	0.53	560.39
600.0	0.00	0.0	20.6	21.6	0.52	560.36
603.0	0.00	0.0	19.5	20.6	0.51	560.33
606.0	0.00	0.0	18.5	19.5	0.50	560.30
609.0	0.00	0.0	17.5	18.5	0.50	560.26
612.0	0.00	0.0	16.5	17.5	0.50	560.23
615.0	0.00	0.0	15.5	16.5	0.50	560.19
618.0	0.00	0.0	14.5	15.5	0.50	560.15
621.0	0.00	0.0	13.5	14.5	0.50	560.11
624.0	0.00	0.0	12.5	13.5	0.50	560.07
627.0	0.00	0.0	11.5	12.5	0.50	560.04
630.0	0.00	0.0	10.5	11.5	0.50	560.00
633.0	0.00	0.0	9.6	10.5	0.48	559.94
636.0	0.00	0.0	8.6	9.6	0.46	559.89
639.0	0.00	0.0	7.8	8.6	0.45	559.84
642.0	0.00	0.0	6.9	7.8	0.43	559.79
645.0	0.00	0.0	6.1	6.9	0.41	559.74
648.0	0.00	0.0	5.3	6.1	0.40	559.70
651.0	0.00	0.0	4.5	5.3	0.38	559.63
654.0	0.00	0.0	3.8	4.5	0.35	559.56
657.0	0.00	0.0	3.1	3.8	0.33	559.50
660.0	0.00	0.0	2.5	3.1	0.31	559.44
663.0	0.00	0.0	1.9	2.5	0.30	559.37
666.0	0.00	0.0	1.3	1.9	0.30	559.26
669.0	0.00	0.0	0.7	1.3	0.30	559.15
672.0	0.00	0.0	0.3	0.7	0.23	558.99
675.0	0.00	0.0	0.0	0.3	0.12	558.83
678.0	0.00	0.0	-0.0	0.0	0.01	558.54
681.0	0.00	0.0	-0.0	-0.0	0.00	558.50
684.0	0.00	0.0	-0.0	-0.0	0.00	558.50

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASN3 .HYD
 tflow Hydrograph: j:\DATA\0306147\BASN302 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
687.0	0.00	0.0	-0.0	-0.0	0.00	558.50
690.0	0.00	0.0	-0.0	-0.0	0.00	558.50
693.0	0.00	0.0	-0.0	-0.0	0.00	558.50
696.0	0.00	0.0	-0.0	-0.0	0.00	558.50
699.0	0.00	0.0	-0.0	-0.0	0.00	558.50
702.0	0.00	0.0	-0.0	-0.0	0.00	558.50
705.0	0.00	0.0	-0.0	-0.0	0.00	558.50
708.0	0.00	0.0	-0.0	-0.0	0.00	558.50
711.0	0.00	0.0	-0.0	-0.0	0.00	558.50
714.0	0.00	0.0	-0.0	-0.0	0.00	558.50
717.0	0.00	0.0	-0.0	-0.0	0.00	558.50
720.0	0.00	0.0	-0.0	-0.0	0.00	558.50
723.0	0.00	0.0	-0.0	-0.0	0.00	558.50
726.0	0.00	0.0	-0.0	-0.0	0.00	558.50
729.0	0.00	0.0	-0.0	-0.0	0.00	558.50
732.0	0.00	0.0	-0.0	-0.0	0.00	558.50
735.0	0.00	0.0	-0.0	-0.0	0.00	558.50
738.0	0.00	0.0	-0.0	-0.0	0.00	558.50
741.0	0.00	0.0	-0.0	-0.0	0.00	558.50
744.0	0.00	0.0	-0.0	-0.0	0.00	558.50
747.0	0.00	0.0	-0.0	-0.0	0.00	558.50
750.0	0.00	0.0	-0.0	-0.0	0.00	558.50
753.0	0.00	0.0	-0.0	-0.0	0.00	558.50
756.0	0.00	0.0	-0.0	-0.0	0.00	558.50
759.0	0.00	0.0	-0.0	-0.0	0.00	558.50
762.0	0.00	0.0	-0.0	-0.0	0.00	558.50
765.0	0.00	0.0	-0.0	-0.0	0.00	558.50
768.0	0.00	0.0	-0.0	-0.0	0.00	558.50
771.0	0.00	0.0	-0.0	-0.0	0.00	558.50
774.0	0.00	0.0	-0.0	-0.0	0.00	558.50
777.0	0.00	0.0	-0.0	-0.0	0.00	558.50
780.0	0.00	0.0	-0.0	-0.0	0.00	558.50
783.0	0.00	0.0	-0.0	-0.0	0.00	558.50
786.0	0.00	0.0	-0.0	-0.0	0.00	558.50
789.0	0.00	0.0	-0.0	-0.0	0.00	558.50
792.0	0.00	0.0	-0.0	-0.0	0.00	558.50
795.0	0.00	0.0	-0.0	-0.0	0.00	558.50
798.0	0.00	0.0	-0.0	-0.0	0.00	558.50
801.0	0.00	0.0	-0.0	-0.0	0.00	558.50
804.0	0.00	0.0	-0.0	-0.0	0.00	558.50
807.0	0.00	0.0	-0.0	-0.0	0.00	558.50
810.0	0.00	0.0	-0.0	-0.0	0.00	558.50
813.0	0.00	0.0	-0.0	-0.0	0.00	558.50
816.0	0.00	0.0	-0.0	-0.0	0.00	558.50
819.0	0.00	0.0	-0.0	-0.0	0.00	558.50
822.0	0.00	0.0	-0.0	-0.0	0.00	558.50

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN302 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
825.0	0.00	0.0	-0.0	-0.0	0.00	558.50
828.0	0.00	0.0	-0.0	-0.0	0.00	558.50
831.0	0.00	0.0	-0.0	-0.0	0.00	558.50
834.0	0.00	0.0	-0.0	-0.0	0.00	558.50
837.0	0.00	0.0	-0.0	-0.0	0.00	558.50
840.0	0.00	0.0	-0.0	-0.0	0.00	558.50
843.0	0.00	0.0	-0.0	-0.0	0.00	558.50
846.0	0.00	0.0	-0.0	-0.0	0.00	558.50
849.0	0.00	0.0	-0.0	-0.0	0.00	558.50
852.0	0.00	0.0	-0.0	-0.0	0.00	558.50
855.0	0.00	0.0	-0.0	-0.0	0.00	558.50
858.0	0.00	0.0	-0.0	-0.0	0.00	558.50
861.0	0.00	0.0	-0.0	-0.0	0.00	558.50
864.0	0.00	0.0	-0.0	-0.0	0.00	558.50
867.0	0.00	0.0	-0.0	-0.0	0.00	558.50
870.0	0.00	0.0	-0.0	-0.0	0.00	558.50
873.0	0.00	0.0	-0.0	-0.0	0.00	558.50
876.0	0.00	0.0	-0.0	-0.0	0.00	558.50
879.0	0.00	0.0	-0.0	-0.0	0.00	558.50
882.0	0.00	0.0	-0.0	-0.0	0.00	558.50
885.0	0.00	0.0	-0.0	-0.0	0.00	558.50
888.0	0.00	0.0	-0.0	-0.0	0.00	558.50
891.0	0.00	0.0	-0.0	-0.0	0.00	558.50
894.0	0.00	0.0	-0.0	-0.0	0.00	558.50
897.0	0.00	0.0	-0.0	-0.0	0.00	558.50
900.0	0.00	0.0	-0.0	-0.0	0.00	558.50
903.0	0.00	0.0	-0.0	-0.0	0.00	558.50
906.0	0.00	0.0	-0.0	-0.0	0.00	558.50
909.0	0.00	0.0	-0.0	-0.0	0.00	558.50

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN3 .PND
Inflow Hydrograph: j:\DATA\0306147\02BASN3 .HYD
Outflow Hydrograph: j:\DATA\0306147\BASN302 .HYD

Starting Pond W.S. Elevation = 558.50 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow	=	24.44 cfs
Peak Outflow	=	0.90 cfs
Peak Elevation	=	563.62 ft

***** Summary of Approximate Peak Storage *****

Initial Storage	=	0 cu-ft
Peak Storage From Storm	=	27,562 cu-ft

Total Storage in Pond	=	27,562 cu-ft

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*****
*
*           FOX HAVEN           *
*   DETENTION ANALYSIS   *
*   DETENTION BASIN #3   *
*
*
*
*****
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Inflow Hydrograph: j:\DATA\0306147\15BASN3 .HYD
 Rating Table file: j:\DATA\0306147\BASIN3 .PND

----INITIAL CONDITIONS----
 Elevation = 558.50 ft
 Outflow = 0.00 cfs
 Storage = 0 cu-ft

GIVEN POND DATA

INTERMEDIATE ROUTING
 COMPUTATIONS

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
558.50	0.0	0	0.0	0.0
558.80	0.1	8	0.1	0.2
559.10	0.3	64	0.5	0.8
559.40	0.3	216	1.8	2.1
559.70	0.4	512	4.3	4.7
560.00	0.5	1,000	8.3	8.8
560.30	0.5	1,707	14.2	14.7
560.60	0.6	2,651	22.1	22.7
560.90	0.6	3,866	32.2	32.8
561.20	0.6	5,386	44.9	45.5
561.50	0.7	7,246	60.4	61.1
561.80	0.7	9,480	79.0	79.7
562.10	0.7	12,103	100.9	101.6
562.40	0.8	14,911	124.3	125.1
562.70	0.8	17,835	148.6	149.4
563.00	0.8	20,879	174.0	174.8
563.30	0.9	24,045	200.4	201.3
563.60	0.9	27,335	227.8	228.7
563.90	0.9	30,752	256.3	257.2
564.20	0.9	34,298	285.8	286.7
564.50	1.0	37,973	316.4	317.4
564.80	1.0	41,779	348.2	349.2
565.10	1.0	45,719	381.0	382.0
565.40	1.0	49,795	415.0	416.0
565.70	1.1	54,009	450.1	451.2
566.00	1.1	58,364	486.4	487.5
566.30	11.6	62,861	523.8	535.4
566.60	30.8	67,503	562.5	593.3
566.90	55.6	72,292	602.4	658.0
567.20	79.0	77,230	643.6	722.6
567.50	94.3	82,319	686.0	780.3

GIVEN POND DATA

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)
567.80	107.3	87,562
568.00	115.2	91,144

INTERMEDIATE ROUTING
COMPUTATIONS

2S/t (cfs)	2S/t + 0 (cfs)
729.7	837.0
759.5	874.7

Time increment (t) = 4.0 min.

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN3 .HYD
 tflow Hydrograph: j:\DATA\0306147\BASIN315 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	----	0.0	0.0	0.00	558.50
4.0	40.07	40.1	38.9	40.1	0.60	561.07
8.0	40.07	80.1	117.5	119.0	0.77	562.32
12.0	40.07	80.1	195.8	197.6	0.89	563.26
16.0	40.07	80.1	274.2	276.0	0.90	564.09
20.0	40.07	80.1	352.3	354.3	1.00	564.85
24.0	0.00	40.1	390.4	392.4	1.00	565.19
28.0	0.00	0.0	388.4	390.4	1.00	565.17
32.0	0.00	0.0	386.4	388.4	1.00	565.16
36.0	0.00	0.0	384.4	386.4	1.00	565.14
40.0	0.00	0.0	382.4	384.4	1.00	565.12
44.0	0.00	0.0	380.4	382.4	1.00	565.10
48.0	0.00	0.0	378.4	380.4	1.00	565.09
52.0	0.00	0.0	376.4	378.4	1.00	565.07
56.0	0.00	0.0	374.4	376.4	1.00	565.05
60.0	0.00	0.0	372.4	374.4	1.00	565.03
64.0	0.00	0.0	370.4	372.4	1.00	565.01
68.0	0.00	0.0	368.4	370.4	1.00	564.99
72.0	0.00	0.0	366.4	368.4	1.00	564.98
76.0	0.00	0.0	364.4	366.4	1.00	564.96
80.0	0.00	0.0	362.4	364.4	1.00	564.94
84.0	0.00	0.0	360.4	362.4	1.00	564.92
88.0	0.00	0.0	358.4	360.4	1.00	564.90
92.0	0.00	0.0	356.4	358.4	1.00	564.88
96.0	0.00	0.0	354.4	356.4	1.00	564.87
100.0	0.00	0.0	352.4	354.4	1.00	564.85
104.0	0.00	0.0	350.4	352.4	1.00	564.83
108.0	0.00	0.0	348.4	350.4	1.00	564.81
112.0	0.00	0.0	346.4	348.4	1.00	564.79
116.0	0.00	0.0	344.4	346.4	1.00	564.77
120.0	0.00	0.0	342.4	344.4	1.00	564.75
124.0	0.00	0.0	340.4	342.4	1.00	564.74
128.0	0.00	0.0	338.4	340.4	1.00	564.72
132.0	0.00	0.0	336.4	338.4	1.00	564.70
136.0	0.00	0.0	334.4	336.4	1.00	564.68
140.0	0.00	0.0	332.4	334.4	1.00	564.66
144.0	0.00	0.0	330.4	332.4	1.00	564.64
148.0	0.00	0.0	328.4	330.4	1.00	564.62
152.0	0.00	0.0	326.4	328.4	1.00	564.60
156.0	0.00	0.0	324.4	326.4	1.00	564.58
160.0	0.00	0.0	322.4	324.4	1.00	564.57
164.0	0.00	0.0	320.4	322.4	1.00	564.55
168.0	0.00	0.0	318.4	320.4	1.00	564.53
172.0	0.00	0.0	316.4	318.4	1.00	564.51
176.0	0.00	0.0	314.4	316.4	1.00	564.49

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN3 .HYD
 tflow Hydrograph: j:\DATA\0306147\BASIN315 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
180.0	0.00	0.0	312.4	314.4	0.99	564.47
184.0	0.00	0.0	310.4	312.4	0.98	564.45
188.0	0.00	0.0	308.5	310.4	0.98	564.43
192.0	0.00	0.0	306.5	308.5	0.97	564.41
196.0	0.00	0.0	304.6	306.5	0.96	564.39
200.0	0.00	0.0	302.7	304.6	0.96	564.37
204.0	0.00	0.0	300.8	302.7	0.95	564.36
208.0	0.00	0.0	298.9	300.8	0.95	564.34
212.0	0.00	0.0	297.0	298.9	0.94	564.32
216.0	0.00	0.0	295.2	297.0	0.93	564.30
220.0	0.00	0.0	293.3	295.2	0.93	564.28
224.0	0.00	0.0	291.5	293.3	0.92	564.26
228.0	0.00	0.0	289.6	291.5	0.92	564.25
232.0	0.00	0.0	287.8	289.6	0.91	564.23
236.0	0.00	0.0	286.0	287.8	0.90	564.21
240.0	0.00	0.0	284.2	286.0	0.90	564.19
244.0	0.00	0.0	282.4	284.2	0.90	564.17
248.0	0.00	0.0	280.6	282.4	0.90	564.16
252.0	0.00	0.0	278.8	280.6	0.90	564.14
256.0	0.00	0.0	277.0	278.8	0.90	564.12
260.0	0.00	0.0	275.2	277.0	0.90	564.10
264.0	0.00	0.0	273.4	275.2	0.90	564.08
268.0	0.00	0.0	271.6	273.4	0.90	564.06
272.0	0.00	0.0	269.8	271.6	0.90	564.05
276.0	0.00	0.0	268.0	269.8	0.90	564.03
280.0	0.00	0.0	266.2	268.0	0.90	564.01
284.0	0.00	0.0	264.4	266.2	0.90	563.99
288.0	0.00	0.0	262.6	264.4	0.90	563.97
292.0	0.00	0.0	260.8	262.6	0.90	563.96
296.0	0.00	0.0	259.0	260.8	0.90	563.94
300.0	0.00	0.0	257.2	259.0	0.90	563.92
304.0	0.00	0.0	255.4	257.2	0.90	563.90
308.0	0.00	0.0	253.6	255.4	0.90	563.88
312.0	0.00	0.0	251.8	253.6	0.90	563.86
316.0	0.00	0.0	250.0	251.8	0.90	563.84
320.0	0.00	0.0	248.2	250.0	0.90	563.82
324.0	0.00	0.0	246.4	248.2	0.90	563.81
328.0	0.00	0.0	244.6	246.4	0.90	563.79
332.0	0.00	0.0	242.8	244.6	0.90	563.77
336.0	0.00	0.0	241.0	242.8	0.90	563.75
340.0	0.00	0.0	239.2	241.0	0.90	563.73
344.0	0.00	0.0	237.4	239.2	0.90	563.71
348.0	0.00	0.0	235.6	237.4	0.90	563.69
352.0	0.00	0.0	233.8	235.6	0.90	563.67
356.0	0.00	0.0	232.0	233.8	0.90	563.65
360.0	0.00	0.0	230.2	232.0	0.90	563.63

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASN3 .HYD
 tflow Hydrograph: j:\DATA\0306147\BASN315 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
364.0	0.00	0.0	228.4	230.2	0.90	563.62
368.0	0.00	0.0	226.6	228.4	0.90	563.60
372.0	0.00	0.0	224.8	226.6	0.90	563.58
376.0	0.00	0.0	223.0	224.8	0.90	563.56
380.0	0.00	0.0	221.2	223.0	0.90	563.54
384.0	0.00	0.0	219.4	221.2	0.90	563.52
388.0	0.00	0.0	217.6	219.4	0.90	563.50
392.0	0.00	0.0	215.8	217.6	0.90	563.48
396.0	0.00	0.0	214.0	215.8	0.90	563.46
400.0	0.00	0.0	212.2	214.0	0.90	563.44
404.0	0.00	0.0	210.4	212.2	0.90	563.42
408.0	0.00	0.0	208.6	210.4	0.90	563.40
412.0	0.00	0.0	206.8	208.6	0.90	563.38
416.0	0.00	0.0	205.0	206.8	0.90	563.36
420.0	0.00	0.0	203.2	205.0	0.90	563.34
424.0	0.00	0.0	201.4	203.2	0.90	563.32
428.0	0.00	0.0	199.6	201.4	0.90	563.30
432.0	0.00	0.0	197.8	199.6	0.89	563.28
436.0	0.00	0.0	196.0	197.8	0.89	563.26
440.0	0.00	0.0	194.3	196.0	0.88	563.24
444.0	0.00	0.0	192.5	194.3	0.87	563.22
448.0	0.00	0.0	190.8	192.5	0.87	563.20
452.0	0.00	0.0	189.1	190.8	0.86	563.18
456.0	0.00	0.0	187.4	189.1	0.85	563.16
460.0	0.00	0.0	185.7	187.4	0.85	563.14
464.0	0.00	0.0	184.0	185.7	0.84	563.12
468.0	0.00	0.0	182.3	184.0	0.83	563.10
472.0	0.00	0.0	180.7	182.3	0.83	563.09
476.0	0.00	0.0	179.0	180.7	0.82	563.07
480.0	0.00	0.0	177.4	179.0	0.82	563.05
484.0	0.00	0.0	175.8	177.4	0.81	563.03
488.0	0.00	0.0	174.2	175.8	0.80	563.01
492.0	0.00	0.0	172.6	174.2	0.80	562.99
496.0	0.00	0.0	171.0	172.6	0.80	562.97
500.0	0.00	0.0	169.4	171.0	0.80	562.95
504.0	0.00	0.0	167.8	169.4	0.80	562.94
508.0	0.00	0.0	166.2	167.8	0.80	562.92
512.0	0.00	0.0	164.6	166.2	0.80	562.90
516.0	0.00	0.0	163.0	164.6	0.80	562.88
520.0	0.00	0.0	161.4	163.0	0.80	562.86
524.0	0.00	0.0	159.8	161.4	0.80	562.84
528.0	0.00	0.0	158.2	159.8	0.80	562.82
532.0	0.00	0.0	156.6	158.2	0.80	562.80
536.0	0.00	0.0	155.0	156.6	0.80	562.78
540.0	0.00	0.0	153.4	155.0	0.80	562.77
544.0	0.00	0.0	151.8	153.4	0.80	562.75

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASN3 .HYD
 tflow Hydrograph: j:\DATA\0306147\BASN315 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
548.0	0.00	0.0	150.2	151.8	0.80	562.73
552.0	0.00	0.0	148.6	150.2	0.80	562.71
556.0	0.00	0.0	147.0	148.6	0.80	562.69
560.0	0.00	0.0	145.4	147.0	0.80	562.67
564.0	0.00	0.0	143.8	145.4	0.80	562.65
568.0	0.00	0.0	142.2	143.8	0.80	562.63
572.0	0.00	0.0	140.6	142.2	0.80	562.61
576.0	0.00	0.0	139.0	140.6	0.80	562.59
580.0	0.00	0.0	137.4	139.0	0.80	562.57
584.0	0.00	0.0	135.8	137.4	0.80	562.55
588.0	0.00	0.0	134.2	135.8	0.80	562.53
592.0	0.00	0.0	132.6	134.2	0.80	562.51
596.0	0.00	0.0	131.0	132.6	0.80	562.49
600.0	0.00	0.0	129.4	131.0	0.80	562.47
604.0	0.00	0.0	127.8	129.4	0.80	562.45
608.0	0.00	0.0	126.2	127.8	0.80	562.43
612.0	0.00	0.0	124.6	126.2	0.80	562.41
616.0	0.00	0.0	123.0	124.6	0.80	562.39
620.0	0.00	0.0	121.4	123.0	0.79	562.37
624.0	0.00	0.0	119.8	121.4	0.78	562.35
628.0	0.00	0.0	118.3	119.8	0.78	562.33
632.0	0.00	0.0	116.7	118.3	0.77	562.31
636.0	0.00	0.0	115.2	116.7	0.76	562.29
640.0	0.00	0.0	113.7	115.2	0.76	562.27
644.0	0.00	0.0	112.2	113.7	0.75	562.25
648.0	0.00	0.0	110.7	112.2	0.75	562.24
652.0	0.00	0.0	109.2	110.7	0.74	562.22
656.0	0.00	0.0	107.7	109.2	0.73	562.20
660.0	0.00	0.0	106.3	107.7	0.73	562.18
664.0	0.00	0.0	104.8	106.3	0.72	562.16
668.0	0.00	0.0	103.4	104.8	0.71	562.14
672.0	0.00	0.0	102.0	103.4	0.71	562.12
676.0	0.00	0.0	100.6	102.0	0.70	562.11
680.0	0.00	0.0	99.2	100.6	0.70	562.09
684.0	0.00	0.0	97.8	99.2	0.70	562.07
688.0	0.00	0.0	96.4	97.8	0.70	562.05
692.0	0.00	0.0	95.0	96.4	0.70	562.03
696.0	0.00	0.0	93.6	95.0	0.70	562.01
700.0	0.00	0.0	92.2	93.6	0.70	561.99
704.0	0.00	0.0	90.8	92.2	0.70	561.97
708.0	0.00	0.0	89.4	90.8	0.70	561.95
712.0	0.00	0.0	88.0	89.4	0.70	561.93
716.0	0.00	0.0	86.6	88.0	0.70	561.91
720.0	0.00	0.0	85.2	86.6	0.70	561.89
724.0	0.00	0.0	83.8	85.2	0.70	561.88
728.0	0.00	0.0	82.4	83.8	0.70	561.86

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN3 .HYD
 tflow Hydrograph: j:\DATA\0306147\BASIN315 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
732.0	0.00	0.0	81.0	82.4	0.70	561.84
736.0	0.00	0.0	79.6	81.0	0.70	561.82
740.0	0.00	0.0	78.2	79.6	0.70	561.80
744.0	0.00	0.0	76.8	78.2	0.70	561.78
748.0	0.00	0.0	75.4	76.8	0.70	561.75
752.0	0.00	0.0	74.0	75.4	0.70	561.73
756.0	0.00	0.0	72.6	74.0	0.70	561.71
760.0	0.00	0.0	71.2	72.6	0.70	561.69
764.0	0.00	0.0	69.8	71.2	0.70	561.66
768.0	0.00	0.0	68.4	69.8	0.70	561.64
772.0	0.00	0.0	67.0	68.4	0.70	561.62
776.0	0.00	0.0	65.6	67.0	0.70	561.60
780.0	0.00	0.0	64.2	65.6	0.70	561.57
784.0	0.00	0.0	62.8	64.2	0.70	561.55
788.0	0.00	0.0	61.4	62.8	0.70	561.53
792.0	0.00	0.0	60.0	61.4	0.70	561.51
796.0	0.00	0.0	58.6	60.0	0.69	561.48
800.0	0.00	0.0	57.2	58.6	0.68	561.45
804.0	0.00	0.0	55.9	57.2	0.68	561.43
808.0	0.00	0.0	54.6	55.9	0.67	561.40
812.0	0.00	0.0	53.2	54.6	0.66	561.37
816.0	0.00	0.0	51.9	53.2	0.65	561.35
820.0	0.00	0.0	50.7	51.9	0.64	561.32
824.0	0.00	0.0	49.4	50.7	0.63	561.30
828.0	0.00	0.0	48.1	49.4	0.63	561.28
832.0	0.00	0.0	46.9	48.1	0.62	561.25
836.0	0.00	0.0	45.7	46.9	0.61	561.23
840.0	0.00	0.0	44.5	45.7	0.60	561.20
844.0	0.00	0.0	43.3	44.5	0.60	561.18
848.0	0.00	0.0	42.1	43.3	0.60	561.15
852.0	0.00	0.0	40.9	42.1	0.60	561.12
856.0	0.00	0.0	39.7	40.9	0.60	561.09
860.0	0.00	0.0	38.5	39.7	0.60	561.06
864.0	0.00	0.0	37.3	38.5	0.60	561.03
868.0	0.00	0.0	36.1	37.3	0.60	561.01
872.0	0.00	0.0	34.9	36.1	0.60	560.98
876.0	0.00	0.0	33.7	34.9	0.60	560.95
880.0	0.00	0.0	32.5	33.7	0.60	560.92
884.0	0.00	0.0	31.3	32.5	0.60	560.89
888.0	0.00	0.0	30.1	31.3	0.60	560.85
892.0	0.00	0.0	28.9	30.1	0.60	560.82
896.0	0.00	0.0	27.7	28.9	0.60	560.78
900.0	0.00	0.0	26.5	27.7	0.60	560.75
904.0	0.00	0.0	25.3	26.5	0.60	560.71
908.0	0.00	0.0	24.1	25.3	0.60	560.68
912.0	0.00	0.0	22.9	24.1	0.60	560.64

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN315 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
916.0	0.00	0.0	21.7	22.9	0.60	560.61
920.0	0.00	0.0	20.5	21.7	0.59	560.56
924.0	0.00	0.0	19.4	20.5	0.57	560.52
928.0	0.00	0.0	18.3	19.4	0.56	560.47
932.0	0.00	0.0	17.2	18.3	0.54	560.43
936.0	0.00	0.0	16.1	17.2	0.53	560.39
940.0	0.00	0.0	15.1	16.1	0.52	560.35
944.0	0.00	0.0	14.1	15.1	0.50	560.31
948.0	0.00	0.0	13.1	14.1	0.50	560.27
952.0	0.00	0.0	12.1	13.1	0.50	560.22
956.0	0.00	0.0	11.1	12.1	0.50	560.16
960.0	0.00	0.0	10.1	11.1	0.50	560.11
964.0	0.00	0.0	9.1	10.1	0.50	560.06
968.0	0.00	0.0	8.1	9.1	0.50	560.01
972.0	0.00	0.0	7.1	8.1	0.48	559.94
976.0	0.00	0.0	6.2	7.1	0.46	559.87
980.0	0.00	0.0	5.3	6.2	0.44	559.81
984.0	0.00	0.0	4.5	5.3	0.42	559.75
988.0	0.00	0.0	3.7	4.5	0.39	559.68
992.0	0.00	0.0	3.0	3.7	0.36	559.59
996.0	0.00	0.0	2.3	3.0	0.33	559.50
1000.0	0.00	0.0	1.7	2.3	0.31	559.42
1004.0	0.00	0.0	1.1	1.7	0.30	559.30
1008.0	0.00	0.0	0.5	1.1	0.30	559.16
1012.0	0.00	0.0	0.1	0.5	0.20	558.94
1016.0	0.00	0.0	-0.0	0.1	0.06	558.67
1020.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1024.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1028.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1032.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1036.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1040.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1044.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1048.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1052.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1056.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1060.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1064.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1068.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1072.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1076.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1080.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1084.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1088.0	0.00	0.0	-0.0	-0.0	0.00	558.50
992.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1096.0	0.00	0.0	-0.0	-0.0	0.00	558.50

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN3 .HYD
 (flow Hydrograph: j:\DATA\0306147\BASIN315 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
1100.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1104.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1108.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1112.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1116.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1120.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1124.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1128.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1132.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1136.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1140.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1144.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1148.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1152.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1156.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1160.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1164.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1168.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1172.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1176.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1180.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1184.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1188.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1192.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1196.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1200.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1204.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1208.0	0.00	0.0	-0.0	-0.0	0.00	558.50
1212.0	0.00	0.0	-0.0	-0.0	0.00	558.50

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN3 .PND
Inflow Hydrograph: j:\DATA\0306147\15BASN3 .HYD
Outflow Hydrograph: j:\DATA\0306147\BASN315 .HYD

Starting Pond W.S. Elevation = 558.50 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 40.07 cfs
Peak Outflow = 1.00 cfs
Peak Elevation = 565.19 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 0 cu-ft
Peak Storage From Storm = 46,966 cu-ft

Total Storage in Pond = 46,966 cu-ft

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*****
*
*           FOX HAVEN           *
*   DETENTION ANALYSIS   *
*   DETENTION BASIN #3   *
*
*
*
*****
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Inflow Hydrograph: j:\DATA\0306147\25BASIN3 .HYD
 Rating Table file: j:\DATA\0306147\BASIN3 .PND

----INITIAL CONDITIONS----
 Elevation = 558.50 ft
 Outflow = 0.00 cfs
 Storage = 0 cu-ft

GIVEN POND DATA

INTERMEDIATE ROUTING
 COMPUTATIONS

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
558.50	0.0	0	0.0	0.0
558.80	0.1	8	0.1	0.2
559.10	0.3	64	0.5	0.8
559.40	0.3	216	1.8	2.1
559.70	0.4	512	4.3	4.7
560.00	0.5	1,000	8.3	8.8
560.30	0.5	1,707	14.2	14.7
560.60	0.6	2,651	22.1	22.7
560.90	0.6	3,866	32.2	32.8
561.20	0.6	5,386	44.9	45.5
561.50	0.7	7,246	60.4	61.1
561.80	0.7	9,480	79.0	79.7
562.10	0.7	12,103	100.9	101.6
562.40	0.8	14,911	124.3	125.1
562.70	0.8	17,835	148.6	149.4
563.00	0.8	20,879	174.0	174.8
563.30	0.9	24,045	200.4	201.3
563.60	0.9	27,335	227.8	228.7
563.90	0.9	30,752	256.3	257.2
564.20	0.9	34,298	285.8	286.7
564.50	1.0	37,973	316.4	317.4
564.80	1.0	41,779	348.2	349.2
565.10	1.0	45,719	381.0	382.0
565.40	1.0	49,795	415.0	416.0
565.70	1.1	54,009	450.1	451.2
566.00	1.1	58,364	486.4	487.5
566.30	11.6	62,861	523.8	535.4
566.60	30.8	67,503	562.5	593.3
566.90	55.6	72,292	602.4	658.0
567.20	79.0	77,230	643.6	722.6
567.50	94.3	82,319	686.0	780.3

GIVEN POND DATA

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)
567.80	107.3	87,562
568.00	115.2	91,144

INTERMEDIATE ROUTING
 COMPUTATIONS

2S/t (cfs)	2S/t + 0 (cfs)
729.7	837.0
759.5	874.7

Time increment (t) = 4.0 min.

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASN325 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	0.0	0.0	0.00	558.50
4.0	49.49	49.5	48.2	49.5	0.63	561.28
8.0	49.49	99.0	145.6	147.2	0.80	562.67
12.0	49.49	99.0	242.8	244.6	0.90	563.77
16.0	49.49	99.0	339.8	341.8	1.00	564.73
20.0	49.49	99.0	436.6	438.8	1.06	565.59
24.0	49.49	99.0	512.3	535.6	11.66	566.30
28.0	0.00	49.5	521.1	561.8	20.34	566.44
32.0	0.00	0.0	504.2	521.1	8.46	566.21
36.0	0.00	0.0	494.7	504.2	4.76	566.10
40.0	0.00	0.0	489.3	494.7	2.68	566.05
44.0	0.00	0.0	486.3	489.3	1.50	566.01
48.0	0.00	0.0	484.1	486.3	1.10	565.99
52.0	0.00	0.0	481.9	484.1	1.10	565.97
56.0	0.00	0.0	479.7	481.9	1.10	565.95
60.0	0.00	0.0	477.5	479.7	1.10	565.94
64.0	0.00	0.0	475.3	477.5	1.10	565.92
68.0	0.00	0.0	473.1	475.3	1.10	565.90
72.0	0.00	0.0	470.9	473.1	1.10	565.88
76.0	0.00	0.0	468.7	470.9	1.10	565.86
80.0	0.00	0.0	466.5	468.7	1.10	565.84
84.0	0.00	0.0	464.3	466.5	1.10	565.83
88.0	0.00	0.0	462.1	464.3	1.10	565.81
92.0	0.00	0.0	459.9	462.1	1.10	565.79
96.0	0.00	0.0	457.7	459.9	1.10	565.77
100.0	0.00	0.0	455.5	457.7	1.10	565.75
104.0	0.00	0.0	453.3	455.5	1.10	565.74
108.0	0.00	0.0	451.1	453.3	1.10	565.72
112.0	0.00	0.0	448.9	451.1	1.10	565.70
116.0	0.00	0.0	446.7	448.9	1.09	565.68
120.0	0.00	0.0	444.5	446.7	1.09	565.66
124.0	0.00	0.0	442.4	444.5	1.08	565.64
128.0	0.00	0.0	440.2	442.4	1.08	565.63
132.0	0.00	0.0	438.1	440.2	1.07	565.61
136.0	0.00	0.0	436.0	438.1	1.06	565.59
140.0	0.00	0.0	433.9	436.0	1.06	565.57
144.0	0.00	0.0	431.8	433.9	1.05	565.55
148.0	0.00	0.0	429.7	431.8	1.04	565.53
152.0	0.00	0.0	427.6	429.7	1.04	565.52
156.0	0.00	0.0	425.5	427.6	1.03	565.50
160.0	0.00	0.0	423.5	425.5	1.03	565.48
164.0	0.00	0.0	421.4	423.5	1.02	565.46
168.0	0.00	0.0	419.4	421.4	1.02	565.45
172.0	0.00	0.0	417.4	419.4	1.01	565.43
176.0	0.00	0.0	415.4	417.4	1.00	565.41

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN3 .HYD
 flow Hydrograph: j:\DATA\0306147\BASIN325 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
180.0	0.00	0.0	413.4	415.4	1.00	565.39
184.0	0.00	0.0	411.4	413.4	1.00	565.38
188.0	0.00	0.0	409.4	411.4	1.00	565.36
192.0	0.00	0.0	407.4	409.4	1.00	565.34
196.0	0.00	0.0	405.4	407.4	1.00	565.32
200.0	0.00	0.0	403.4	405.4	1.00	565.31
204.0	0.00	0.0	401.4	403.4	1.00	565.29
208.0	0.00	0.0	399.4	401.4	1.00	565.27
212.0	0.00	0.0	397.4	399.4	1.00	565.25
216.0	0.00	0.0	395.4	397.4	1.00	565.24
220.0	0.00	0.0	393.4	395.4	1.00	565.22
224.0	0.00	0.0	391.4	393.4	1.00	565.20
228.0	0.00	0.0	389.4	391.4	1.00	565.18
232.0	0.00	0.0	387.4	389.4	1.00	565.17
236.0	0.00	0.0	385.4	387.4	1.00	565.15
240.0	0.00	0.0	383.4	385.4	1.00	565.13
244.0	0.00	0.0	381.4	383.4	1.00	565.11
248.0	0.00	0.0	379.4	381.4	1.00	565.09
252.0	0.00	0.0	377.4	379.4	1.00	565.08
256.0	0.00	0.0	375.4	377.4	1.00	565.06
260.0	0.00	0.0	373.4	375.4	1.00	565.04
264.0	0.00	0.0	371.4	373.4	1.00	565.02
268.0	0.00	0.0	369.4	371.4	1.00	565.00
272.0	0.00	0.0	367.4	369.4	1.00	564.98
276.0	0.00	0.0	365.4	367.4	1.00	564.97
280.0	0.00	0.0	363.4	365.4	1.00	564.95
284.0	0.00	0.0	361.4	363.4	1.00	564.93
288.0	0.00	0.0	359.4	361.4	1.00	564.91
292.0	0.00	0.0	357.4	359.4	1.00	564.89
296.0	0.00	0.0	355.4	357.4	1.00	564.87
300.0	0.00	0.0	353.4	355.4	1.00	564.86
304.0	0.00	0.0	351.4	353.4	1.00	564.84
308.0	0.00	0.0	349.4	351.4	1.00	564.82
312.0	0.00	0.0	347.4	349.4	1.00	564.80
316.0	0.00	0.0	345.4	347.4	1.00	564.78
320.0	0.00	0.0	343.4	345.4	1.00	564.76
324.0	0.00	0.0	341.4	343.4	1.00	564.75
328.0	0.00	0.0	339.4	341.4	1.00	564.73
332.0	0.00	0.0	337.4	339.4	1.00	564.71
336.0	0.00	0.0	335.4	337.4	1.00	564.69
340.0	0.00	0.0	333.4	335.4	1.00	564.67
344.0	0.00	0.0	331.4	333.4	1.00	564.65
348.0	0.00	0.0	329.4	331.4	1.00	564.63
352.0	0.00	0.0	327.4	329.4	1.00	564.61
356.0	0.00	0.0	325.4	327.4	1.00	564.59
360.0	0.00	0.0	323.4	325.4	1.00	564.57

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN325 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
364.0	0.00	0.0	321.4	323.4	1.00	564.56
368.0	0.00	0.0	319.4	321.4	1.00	564.54
372.0	0.00	0.0	317.4	319.4	1.00	564.52
376.0	0.00	0.0	315.4	317.4	1.00	564.50
380.0	0.00	0.0	313.4	315.4	0.99	564.48
384.0	0.00	0.0	311.4	313.4	0.99	564.46
388.0	0.00	0.0	309.4	311.4	0.98	564.44
392.0	0.00	0.0	307.5	309.4	0.97	564.42
396.0	0.00	0.0	305.6	307.5	0.97	564.40
400.0	0.00	0.0	303.6	305.6	0.96	564.38
404.0	0.00	0.0	301.7	303.6	0.96	564.37
408.0	0.00	0.0	299.8	301.7	0.95	564.35
412.0	0.00	0.0	297.9	299.8	0.94	564.33
416.0	0.00	0.0	296.1	297.9	0.94	564.31
420.0	0.00	0.0	294.2	296.1	0.93	564.29
424.0	0.00	0.0	292.4	294.2	0.92	564.27
428.0	0.00	0.0	290.5	292.4	0.92	564.26
432.0	0.00	0.0	288.7	290.5	0.91	564.24
436.0	0.00	0.0	286.9	288.7	0.91	564.22
440.0	0.00	0.0	285.1	286.9	0.90	564.20
444.0	0.00	0.0	283.3	285.1	0.90	564.18
448.0	0.00	0.0	281.5	283.3	0.90	564.17
452.0	0.00	0.0	279.7	281.5	0.90	564.15
456.0	0.00	0.0	277.9	279.7	0.90	564.13
460.0	0.00	0.0	276.1	277.9	0.90	564.11
464.0	0.00	0.0	274.3	276.1	0.90	564.09
468.0	0.00	0.0	272.5	274.3	0.90	564.07
472.0	0.00	0.0	270.7	272.5	0.90	564.06
476.0	0.00	0.0	268.9	270.7	0.90	564.04
480.0	0.00	0.0	267.1	268.9	0.90	564.02
484.0	0.00	0.0	265.3	267.1	0.90	564.00
488.0	0.00	0.0	263.5	265.3	0.90	563.98
492.0	0.00	0.0	261.7	263.5	0.90	563.96
496.0	0.00	0.0	259.9	261.7	0.90	563.95
500.0	0.00	0.0	258.1	259.9	0.90	563.93
504.0	0.00	0.0	256.3	258.1	0.90	563.91
508.0	0.00	0.0	254.5	256.3	0.90	563.89
512.0	0.00	0.0	252.7	254.5	0.90	563.87
516.0	0.00	0.0	250.9	252.7	0.90	563.85
520.0	0.00	0.0	249.1	250.9	0.90	563.83
524.0	0.00	0.0	247.3	249.1	0.90	563.81
528.0	0.00	0.0	245.5	247.3	0.90	563.80
532.0	0.00	0.0	243.7	245.5	0.90	563.78
536.0	0.00	0.0	241.9	243.7	0.90	563.76
540.0	0.00	0.0	240.1	241.9	0.90	563.74
544.0	0.00	0.0	238.3	240.1	0.90	563.72

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASN3 .HYD
 :flow Hydrograph: j:\DATA\0306147\BASN325 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
548.0	0.00	0.0	236.5	238.3	0.90	563.70
552.0	0.00	0.0	234.7	236.5	0.90	563.68
556.0	0.00	0.0	232.9	234.7	0.90	563.66
560.0	0.00	0.0	231.1	232.9	0.90	563.64
564.0	0.00	0.0	229.3	231.1	0.90	563.63
568.0	0.00	0.0	227.5	229.3	0.90	563.61
572.0	0.00	0.0	225.7	227.5	0.90	563.59
576.0	0.00	0.0	223.9	225.7	0.90	563.57
580.0	0.00	0.0	222.1	223.9	0.90	563.55
584.0	0.00	0.0	220.3	222.1	0.90	563.53
588.0	0.00	0.0	218.5	220.3	0.90	563.51
592.0	0.00	0.0	216.7	218.5	0.90	563.49
596.0	0.00	0.0	214.9	216.7	0.90	563.47
600.0	0.00	0.0	213.1	214.9	0.90	563.45
604.0	0.00	0.0	211.3	213.1	0.90	563.43
608.0	0.00	0.0	209.5	211.3	0.90	563.41
612.0	0.00	0.0	207.7	209.5	0.90	563.39
616.0	0.00	0.0	205.9	207.7	0.90	563.37
620.0	0.00	0.0	204.1	205.9	0.90	563.35
624.0	0.00	0.0	202.3	204.1	0.90	563.33
628.0	0.00	0.0	200.5	202.3	0.90	563.31
632.0	0.00	0.0	198.7	200.5	0.90	563.29
636.0	0.00	0.0	196.9	198.7	0.89	563.27
640.0	0.00	0.0	195.1	196.9	0.88	563.25
644.0	0.00	0.0	193.4	195.1	0.88	563.23
648.0	0.00	0.0	191.6	193.4	0.87	563.21
652.0	0.00	0.0	189.9	191.6	0.86	563.19
656.0	0.00	0.0	188.2	189.9	0.86	563.17
660.0	0.00	0.0	186.5	188.2	0.85	563.15
664.0	0.00	0.0	184.8	186.5	0.84	563.13
668.0	0.00	0.0	183.1	184.8	0.84	563.11
672.0	0.00	0.0	181.5	183.1	0.83	563.09
676.0	0.00	0.0	179.8	181.5	0.83	563.08
680.0	0.00	0.0	178.2	179.8	0.82	563.06
684.0	0.00	0.0	176.6	178.2	0.81	563.04
688.0	0.00	0.0	175.0	176.6	0.81	563.02
692.0	0.00	0.0	173.4	175.0	0.80	563.00
696.0	0.00	0.0	171.8	173.4	0.80	562.98
700.0	0.00	0.0	170.2	171.8	0.80	562.96
704.0	0.00	0.0	168.6	170.2	0.80	562.95
708.0	0.00	0.0	167.0	168.6	0.80	562.93
712.0	0.00	0.0	165.4	167.0	0.80	562.91
716.0	0.00	0.0	163.8	165.4	0.80	562.89
720.0	0.00	0.0	162.2	163.8	0.80	562.87
724.0	0.00	0.0	160.6	162.2	0.80	562.85
728.0	0.00	0.0	159.0	160.6	0.80	562.83

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN325 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
732.0	0.00	0.0	157.4	159.0	0.80	562.81
736.0	0.00	0.0	155.8	157.4	0.80	562.79
740.0	0.00	0.0	154.2	155.8	0.80	562.77
744.0	0.00	0.0	152.6	154.2	0.80	562.76
748.0	0.00	0.0	151.0	152.6	0.80	562.74
752.0	0.00	0.0	149.4	151.0	0.80	562.72
756.0	0.00	0.0	147.8	149.4	0.80	562.70
760.0	0.00	0.0	146.2	147.8	0.80	562.68
764.0	0.00	0.0	144.6	146.2	0.80	562.66
768.0	0.00	0.0	143.0	144.6	0.80	562.64
772.0	0.00	0.0	141.4	143.0	0.80	562.62
776.0	0.00	0.0	139.8	141.4	0.80	562.60
780.0	0.00	0.0	138.2	139.8	0.80	562.58
784.0	0.00	0.0	136.6	138.2	0.80	562.56
788.0	0.00	0.0	135.0	136.6	0.80	562.54
792.0	0.00	0.0	133.4	135.0	0.80	562.52
796.0	0.00	0.0	131.8	133.4	0.80	562.50
800.0	0.00	0.0	130.2	131.8	0.80	562.48
804.0	0.00	0.0	128.6	130.2	0.80	562.46
808.0	0.00	0.0	127.0	128.6	0.80	562.44
812.0	0.00	0.0	125.4	127.0	0.80	562.42
816.0	0.00	0.0	123.8	125.4	0.80	562.40
820.0	0.00	0.0	122.2	123.8	0.79	562.38
824.0	0.00	0.0	120.6	122.2	0.79	562.36
828.0	0.00	0.0	119.0	120.6	0.78	562.34
832.0	0.00	0.0	117.5	119.0	0.77	562.32
836.0	0.00	0.0	115.9	117.5	0.77	562.30
840.0	0.00	0.0	114.4	115.9	0.76	562.28
844.0	0.00	0.0	112.9	114.4	0.75	562.26
848.0	0.00	0.0	111.4	112.9	0.75	562.24
852.0	0.00	0.0	109.9	111.4	0.74	562.23
856.0	0.00	0.0	108.5	109.9	0.74	562.21
860.0	0.00	0.0	107.0	108.5	0.73	562.19
864.0	0.00	0.0	105.6	107.0	0.72	562.17
868.0	0.00	0.0	104.1	105.6	0.72	562.15
872.0	0.00	0.0	102.7	104.1	0.71	562.13
876.0	0.00	0.0	101.3	102.7	0.70	562.11
880.0	0.00	0.0	99.9	101.3	0.70	562.10
884.0	0.00	0.0	98.5	99.9	0.70	562.08
888.0	0.00	0.0	97.1	98.5	0.70	562.06
892.0	0.00	0.0	95.7	97.1	0.70	562.04
896.0	0.00	0.0	94.3	95.7	0.70	562.02
900.0	0.00	0.0	92.9	94.3	0.70	562.00
904.0	0.00	0.0	91.5	92.9	0.70	561.98
908.0	0.00	0.0	90.1	91.5	0.70	561.96
912.0	0.00	0.0	88.7	90.1	0.70	561.94

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASN325 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
916.0	0.00	0.0	87.3	88.7	0.70	561.92
920.0	0.00	0.0	85.9	87.3	0.70	561.90
924.0	0.00	0.0	84.5	85.9	0.70	561.88
928.0	0.00	0.0	83.1	84.5	0.70	561.87
932.0	0.00	0.0	81.7	83.1	0.70	561.85
936.0	0.00	0.0	80.3	81.7	0.70	561.83
940.0	0.00	0.0	78.9	80.3	0.70	561.81
944.0	0.00	0.0	77.5	78.9	0.70	561.79
948.0	0.00	0.0	76.1	77.5	0.70	561.76
952.0	0.00	0.0	74.7	76.1	0.70	561.74
956.0	0.00	0.0	73.3	74.7	0.70	561.72
960.0	0.00	0.0	71.9	73.3	0.70	561.70
964.0	0.00	0.0	70.5	71.9	0.70	561.67
968.0	0.00	0.0	69.1	70.5	0.70	561.65
972.0	0.00	0.0	67.7	69.1	0.70	561.63
976.0	0.00	0.0	66.3	67.7	0.70	561.61
980.0	0.00	0.0	64.9	66.3	0.70	561.58
984.0	0.00	0.0	63.5	64.9	0.70	561.56
988.0	0.00	0.0	62.1	63.5	0.70	561.54
992.0	0.00	0.0	60.7	62.1	0.70	561.52
996.0	0.00	0.0	59.3	60.7	0.70	561.49
1000.0	0.00	0.0	57.9	59.3	0.69	561.47
1004.0	0.00	0.0	56.6	57.9	0.68	561.44
1008.0	0.00	0.0	55.2	56.6	0.67	561.41
1012.0	0.00	0.0	53.9	55.2	0.66	561.39
1016.0	0.00	0.0	52.6	53.9	0.65	561.36
1020.0	0.00	0.0	51.3	52.6	0.65	561.34
1024.0	0.00	0.0	50.0	51.3	0.64	561.31
1028.0	0.00	0.0	48.8	50.0	0.63	561.29
1032.0	0.00	0.0	47.5	48.8	0.62	561.26
1036.0	0.00	0.0	46.3	47.5	0.61	561.24
1040.0	0.00	0.0	45.1	46.3	0.61	561.22
1044.0	0.00	0.0	43.9	45.1	0.60	561.19
1048.0	0.00	0.0	42.7	43.9	0.60	561.16
1052.0	0.00	0.0	41.5	42.7	0.60	561.13
1056.0	0.00	0.0	40.3	41.5	0.60	561.11
1060.0	0.00	0.0	39.1	40.3	0.60	561.08
1064.0	0.00	0.0	37.9	39.1	0.60	561.05
1068.0	0.00	0.0	36.7	37.9	0.60	561.02
1072.0	0.00	0.0	35.5	36.7	0.60	560.99
1076.0	0.00	0.0	34.3	35.5	0.60	560.96
1080.0	0.00	0.0	33.1	34.3	0.60	560.93
1084.0	0.00	0.0	31.9	33.1	0.60	560.91
1088.0	0.00	0.0	30.7	31.9	0.60	560.87
1092.0	0.00	0.0	29.5	30.7	0.60	560.84
1096.0	0.00	0.0	28.3	29.5	0.60	560.80

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN325 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
1100.0	0.00	0.0	27.1	28.3	0.60	560.77
1104.0	0.00	0.0	25.9	27.1	0.60	560.73
1108.0	0.00	0.0	24.7	25.9	0.60	560.69
1112.0	0.00	0.0	23.5	24.7	0.60	560.66
1116.0	0.00	0.0	22.3	23.5	0.60	560.62
1120.0	0.00	0.0	21.1	22.3	0.59	560.58
1124.0	0.00	0.0	19.9	21.1	0.58	560.54
1128.0	0.00	0.0	18.8	19.9	0.57	560.50
1132.0	0.00	0.0	17.7	18.8	0.55	560.45
1136.0	0.00	0.0	16.6	17.7	0.54	560.41
1140.0	0.00	0.0	15.6	16.6	0.52	560.37
1144.0	0.00	0.0	14.6	15.6	0.51	560.33
1148.0	0.00	0.0	13.6	14.6	0.50	560.29
1152.0	0.00	0.0	12.6	13.6	0.50	560.24
1156.0	0.00	0.0	11.6	12.6	0.50	560.19
1160.0	0.00	0.0	10.6	11.6	0.50	560.14
1164.0	0.00	0.0	9.6	10.6	0.50	560.09
1168.0	0.00	0.0	8.6	9.6	0.50	560.04
1172.0	0.00	0.0	7.6	8.6	0.49	559.98
1176.0	0.00	0.0	6.6	7.6	0.47	559.91
1180.0	0.00	0.0	5.7	6.6	0.45	559.84
1184.0	0.00	0.0	4.9	5.7	0.43	559.78
1188.0	0.00	0.0	4.1	4.9	0.41	559.72
1192.0	0.00	0.0	3.3	4.1	0.38	559.63
1196.0	0.00	0.0	2.6	3.3	0.35	559.54
1200.0	0.00	0.0	2.0	2.6	0.32	559.46
1204.0	0.00	0.0	1.4	2.0	0.30	559.37
1208.0	0.00	0.0	0.8	1.4	0.30	559.23
1212.0	0.00	0.0	0.2	0.8	0.28	559.08

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN3 .PND
Inflow Hydrograph: j:\DATA\0306147\25BASN3 .HYD
Outflow Hydrograph: j:\DATA\0306147\BASN325 .HYD

Starting Pond W.S. Elevation = 558.50 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 49.49 cfs
Peak Outflow = 20.34 cfs
Peak Elevation = 566.44 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 0 cu-ft
Peak Storage From Storm = 64,974 cu-ft

Total Storage in Pond = 64,974 cu-ft

 *
 * FOX HAVEN *
 * DETENTION ANALYSIS *
 * DETENTION BASIN #3 *
 *
 *

Inflow Hydrograph: j:\DATA\0306147\100BASN3.HYD
 Rating Table file: j:\DATA\0306147\BASIN3 .PND

----INITIAL CONDITIONS----
 Elevation = 558.50 ft
 Outflow = 0.00 cfs
 Storage = 0 cu-ft

GIVEN POND DATA

INTERMEDIATE ROUTING
 COMPUTATIONS

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
558.50	0.0	0	0.0	0.0
558.80	0.1	8	0.1	0.2
559.10	0.3	64	0.5	0.8
559.40	0.3	216	1.8	2.1
559.70	0.4	512	4.3	4.7
560.00	0.5	1,000	8.3	8.8
560.30	0.5	1,707	14.2	14.7
560.60	0.6	2,651	22.1	22.7
560.90	0.6	3,866	32.2	32.8
561.20	0.6	5,386	44.9	45.5
561.50	0.7	7,246	60.4	61.1
561.80	0.7	9,480	79.0	79.7
562.10	0.7	12,103	100.9	101.6
562.40	0.8	14,911	124.3	125.1
562.70	0.8	17,835	148.6	149.4
563.00	0.8	20,879	174.0	174.8
563.30	0.9	24,045	200.4	201.3
563.60	0.9	27,335	227.8	228.7
563.90	0.9	30,752	256.3	257.2
564.20	0.9	34,298	285.8	286.7
564.50	1.0	37,973	316.4	317.4
564.80	1.0	41,779	348.2	349.2
565.10	1.0	45,719	381.0	382.0
565.40	1.0	49,795	415.0	416.0
565.70	1.1	54,009	450.1	451.2
566.00	1.1	58,364	486.4	487.5
566.30	11.6	62,861	523.8	535.4
566.60	30.8	67,503	562.5	593.3
566.90	55.6	72,292	602.4	658.0
567.20	79.0	77,230	643.6	722.6
567.50	94.3	82,319	686.0	780.3

GIVEN POND DATA

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)
567.80	107.3	87,562
568.00	115.2	91,144

INTERMEDIATE ROUTING
COMPUTATIONS

2S/t (cfs)	2S/t + 0 (cfs)
729.7	837.0
759.5	874.7

Time increment (t) = 4.0 min.

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN3100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	0.0	0.0	0.00	558.50
4.0	63.30	63.3	61.9	63.3	0.70	561.54
8.0	63.30	126.6	186.8	188.5	0.85	563.16
12.0	63.30	126.6	311.4	313.4	0.99	564.46
16.0	63.30	126.6	435.9	438.0	1.06	565.59
20.0	63.30	126.6	521.3	562.5	20.57	566.44
24.0	63.30	126.6	544.5	647.9	51.73	566.85
28.0	0.00	63.3	535.1	607.8	36.34	566.67
32.0	0.00	0.0	512.0	535.1	11.52	566.30
36.0	0.00	0.0	499.1	512.0	6.48	566.15
40.0	0.00	0.0	491.8	499.1	3.64	566.07
44.0	0.00	0.0	487.7	491.8	2.05	566.03
48.0	0.00	0.0	485.4	487.7	1.15	566.00
52.0	0.00	0.0	483.2	485.4	1.10	565.98
56.0	0.00	0.0	481.0	483.2	1.10	565.96
60.0	0.00	0.0	478.8	481.0	1.10	565.95
64.0	0.00	0.0	476.6	478.8	1.10	565.93
68.0	0.00	0.0	474.4	476.6	1.10	565.91
72.0	0.00	0.0	472.2	474.4	1.10	565.89
76.0	0.00	0.0	470.0	472.2	1.10	565.87
80.0	0.00	0.0	467.8	470.0	1.10	565.86
84.0	0.00	0.0	465.6	467.8	1.10	565.84
88.0	0.00	0.0	463.4	465.6	1.10	565.82
92.0	0.00	0.0	461.2	463.4	1.10	565.80
96.0	0.00	0.0	459.0	461.2	1.10	565.78
100.0	0.00	0.0	456.8	459.0	1.10	565.76
104.0	0.00	0.0	454.6	456.8	1.10	565.75
108.0	0.00	0.0	452.4	454.6	1.10	565.73
112.0	0.00	0.0	450.2	452.4	1.10	565.71
116.0	0.00	0.0	448.0	450.2	1.10	565.69
120.0	0.00	0.0	445.8	448.0	1.09	565.67
124.0	0.00	0.0	443.7	445.8	1.08	565.65
128.0	0.00	0.0	441.5	443.7	1.08	565.64
132.0	0.00	0.0	439.4	441.5	1.07	565.62
136.0	0.00	0.0	437.2	439.4	1.07	565.60
140.0	0.00	0.0	435.1	437.2	1.06	565.58
144.0	0.00	0.0	433.0	435.1	1.05	565.56
148.0	0.00	0.0	430.9	433.0	1.05	565.55
152.0	0.00	0.0	428.8	430.9	1.04	565.53
156.0	0.00	0.0	426.7	428.8	1.04	565.51
160.0	0.00	0.0	424.7	426.7	1.03	565.49
164.0	0.00	0.0	422.6	424.7	1.02	565.47
168.0	0.00	0.0	420.6	422.6	1.02	565.46
172.0	0.00	0.0	418.6	420.6	1.01	565.44
176.0	0.00	0.0	416.5	418.6	1.01	565.42

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN3100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
180.0	0.00	0.0	414.5	416.5	1.00	565.40
184.0	0.00	0.0	412.5	414.5	1.00	565.39
188.0	0.00	0.0	410.5	412.5	1.00	565.37
192.0	0.00	0.0	408.5	410.5	1.00	565.35
196.0	0.00	0.0	406.5	408.5	1.00	565.33
200.0	0.00	0.0	404.5	406.5	1.00	565.32
204.0	0.00	0.0	402.5	404.5	1.00	565.30
208.0	0.00	0.0	400.5	402.5	1.00	565.28
212.0	0.00	0.0	398.5	400.5	1.00	565.26
216.0	0.00	0.0	396.5	398.5	1.00	565.25
220.0	0.00	0.0	394.5	396.5	1.00	565.23
224.0	0.00	0.0	392.5	394.5	1.00	565.21
228.0	0.00	0.0	390.5	392.5	1.00	565.19
232.0	0.00	0.0	388.5	390.5	1.00	565.18
236.0	0.00	0.0	386.5	388.5	1.00	565.16
240.0	0.00	0.0	384.5	386.5	1.00	565.14
244.0	0.00	0.0	382.5	384.5	1.00	565.12
248.0	0.00	0.0	380.5	382.5	1.00	565.10
252.0	0.00	0.0	378.5	380.5	1.00	565.09
256.0	0.00	0.0	376.5	378.5	1.00	565.07
260.0	0.00	0.0	374.5	376.5	1.00	565.05
264.0	0.00	0.0	372.5	374.5	1.00	565.03
268.0	0.00	0.0	370.5	372.5	1.00	565.01
272.0	0.00	0.0	368.5	370.5	1.00	565.00
276.0	0.00	0.0	366.5	368.5	1.00	564.98
280.0	0.00	0.0	364.5	366.5	1.00	564.96
284.0	0.00	0.0	362.5	364.5	1.00	564.94
288.0	0.00	0.0	360.5	362.5	1.00	564.92
292.0	0.00	0.0	358.5	360.5	1.00	564.90
296.0	0.00	0.0	356.5	358.5	1.00	564.89
300.0	0.00	0.0	354.5	356.5	1.00	564.87
304.0	0.00	0.0	352.5	354.5	1.00	564.85
308.0	0.00	0.0	350.5	352.5	1.00	564.83
312.0	0.00	0.0	348.5	350.5	1.00	564.81
316.0	0.00	0.0	346.5	348.5	1.00	564.79
320.0	0.00	0.0	344.5	346.5	1.00	564.78
324.0	0.00	0.0	342.5	344.5	1.00	564.76
328.0	0.00	0.0	340.5	342.5	1.00	564.74
332.0	0.00	0.0	338.5	340.5	1.00	564.72
336.0	0.00	0.0	336.5	338.5	1.00	564.70
340.0	0.00	0.0	334.5	336.5	1.00	564.68
344.0	0.00	0.0	332.5	334.5	1.00	564.66
348.0	0.00	0.0	330.5	332.5	1.00	564.64
352.0	0.00	0.0	328.5	330.5	1.00	564.62
356.0	0.00	0.0	326.5	328.5	1.00	564.60
360.0	0.00	0.0	324.5	326.5	1.00	564.59

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BASN3100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
364.0	0.00	0.0	322.5	324.5	1.00	564.57
368.0	0.00	0.0	320.5	322.5	1.00	564.55
372.0	0.00	0.0	318.5	320.5	1.00	564.53
376.0	0.00	0.0	316.5	318.5	1.00	564.51
380.0	0.00	0.0	314.5	316.5	1.00	564.49
384.0	0.00	0.0	312.6	314.5	0.99	564.47
388.0	0.00	0.0	310.6	312.6	0.98	564.45
392.0	0.00	0.0	308.6	310.6	0.98	564.43
396.0	0.00	0.0	306.7	308.6	0.97	564.41
400.0	0.00	0.0	304.8	306.7	0.97	564.40
404.0	0.00	0.0	302.9	304.8	0.96	564.38
408.0	0.00	0.0	300.9	302.9	0.95	564.36
412.0	0.00	0.0	299.1	300.9	0.95	564.34
416.0	0.00	0.0	297.2	299.1	0.94	564.32
420.0	0.00	0.0	295.3	297.2	0.93	564.30
424.0	0.00	0.0	293.4	295.3	0.93	564.28
428.0	0.00	0.0	291.6	293.4	0.92	564.27
432.0	0.00	0.0	289.8	291.6	0.92	564.25
436.0	0.00	0.0	288.0	289.8	0.91	564.23
440.0	0.00	0.0	286.1	288.0	0.90	564.21
444.0	0.00	0.0	284.3	286.1	0.90	564.19
448.0	0.00	0.0	282.5	284.3	0.90	564.18
452.0	0.00	0.0	280.7	282.5	0.90	564.16
456.0	0.00	0.0	278.9	280.7	0.90	564.14
460.0	0.00	0.0	277.1	278.9	0.90	564.12
464.0	0.00	0.0	275.3	277.1	0.90	564.10
468.0	0.00	0.0	273.5	275.3	0.90	564.08
472.0	0.00	0.0	271.7	273.5	0.90	564.07
476.0	0.00	0.0	269.9	271.7	0.90	564.05
480.0	0.00	0.0	268.1	269.9	0.90	564.03
484.0	0.00	0.0	266.3	268.1	0.90	564.01
488.0	0.00	0.0	264.5	266.3	0.90	563.99
492.0	0.00	0.0	262.7	264.5	0.90	563.97
496.0	0.00	0.0	260.9	262.7	0.90	563.96
500.0	0.00	0.0	259.1	260.9	0.90	563.94
504.0	0.00	0.0	257.3	259.1	0.90	563.92
508.0	0.00	0.0	255.5	257.3	0.90	563.90
512.0	0.00	0.0	253.7	255.5	0.90	563.88
516.0	0.00	0.0	251.9	253.7	0.90	563.86
520.0	0.00	0.0	250.1	251.9	0.90	563.84
524.0	0.00	0.0	248.3	250.1	0.90	563.83
528.0	0.00	0.0	246.5	248.3	0.90	563.81
532.0	0.00	0.0	244.7	246.5	0.90	563.79
536.0	0.00	0.0	242.9	244.7	0.90	563.77
540.0	0.00	0.0	241.1	242.9	0.90	563.75
544.0	0.00	0.0	239.3	241.1	0.90	563.73

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BASN3100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
548.0	0.00	0.0	237.5	239.3	0.90	563.71
552.0	0.00	0.0	235.7	237.5	0.90	563.69
556.0	0.00	0.0	233.9	235.7	0.90	563.67
560.0	0.00	0.0	232.1	233.9	0.90	563.66
564.0	0.00	0.0	230.3	232.1	0.90	563.64
568.0	0.00	0.0	228.5	230.3	0.90	563.62
572.0	0.00	0.0	226.7	228.5	0.90	563.60
576.0	0.00	0.0	224.9	226.7	0.90	563.58
580.0	0.00	0.0	223.1	224.9	0.90	563.56
584.0	0.00	0.0	221.3	223.1	0.90	563.54
588.0	0.00	0.0	219.5	221.3	0.90	563.52
592.0	0.00	0.0	217.7	219.5	0.90	563.50
596.0	0.00	0.0	215.9	217.7	0.90	563.48
600.0	0.00	0.0	214.1	215.9	0.90	563.46
604.0	0.00	0.0	212.3	214.1	0.90	563.44
608.0	0.00	0.0	210.5	212.3	0.90	563.42
612.0	0.00	0.0	208.7	210.5	0.90	563.40
616.0	0.00	0.0	206.9	208.7	0.90	563.38
620.0	0.00	0.0	205.1	206.9	0.90	563.36
624.0	0.00	0.0	203.3	205.1	0.90	563.34
628.0	0.00	0.0	201.5	203.3	0.90	563.32
632.0	0.00	0.0	199.7	201.5	0.90	563.30
636.0	0.00	0.0	198.0	199.7	0.89	563.28
640.0	0.00	0.0	196.2	198.0	0.89	563.26
644.0	0.00	0.0	194.4	196.2	0.88	563.24
648.0	0.00	0.0	192.7	194.4	0.87	563.22
652.0	0.00	0.0	190.9	192.7	0.87	563.20
656.0	0.00	0.0	189.2	190.9	0.86	563.18
660.0	0.00	0.0	187.5	189.2	0.85	563.16
664.0	0.00	0.0	185.8	187.5	0.85	563.14
668.0	0.00	0.0	184.1	185.8	0.84	563.12
672.0	0.00	0.0	182.5	184.1	0.84	563.11
676.0	0.00	0.0	180.8	182.5	0.83	563.09
680.0	0.00	0.0	179.2	180.8	0.82	563.07
684.0	0.00	0.0	177.5	179.2	0.82	563.05
688.0	0.00	0.0	175.9	177.5	0.81	563.03
692.0	0.00	0.0	174.3	175.9	0.80	563.01
696.0	0.00	0.0	172.7	174.3	0.80	562.99
700.0	0.00	0.0	171.1	172.7	0.80	562.98
704.0	0.00	0.0	169.5	171.1	0.80	562.96
708.0	0.00	0.0	167.9	169.5	0.80	562.94
712.0	0.00	0.0	166.3	167.9	0.80	562.92
716.0	0.00	0.0	164.7	166.3	0.80	562.90
720.0	0.00	0.0	163.1	164.7	0.80	562.88
724.0	0.00	0.0	161.5	163.1	0.80	562.86
728.0	0.00	0.0	159.9	161.5	0.80	562.84

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN3.HYD
 :flow Hydrograph: j:\DATA\0306147\BASIN3100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
732.0	0.00	0.0	158.3	159.9	0.80	562.82
736.0	0.00	0.0	156.7	158.3	0.80	562.80
740.0	0.00	0.0	155.1	156.7	0.80	562.79
744.0	0.00	0.0	153.5	155.1	0.80	562.77
748.0	0.00	0.0	151.9	153.5	0.80	562.75
752.0	0.00	0.0	150.3	151.9	0.80	562.73
756.0	0.00	0.0	148.7	150.3	0.80	562.71
760.0	0.00	0.0	147.1	148.7	0.80	562.69
764.0	0.00	0.0	145.5	147.1	0.80	562.67
768.0	0.00	0.0	143.9	145.5	0.80	562.65
772.0	0.00	0.0	142.3	143.9	0.80	562.63
776.0	0.00	0.0	140.7	142.3	0.80	562.61
780.0	0.00	0.0	139.1	140.7	0.80	562.59
784.0	0.00	0.0	137.5	139.1	0.80	562.57
788.0	0.00	0.0	135.9	137.5	0.80	562.55
792.0	0.00	0.0	134.3	135.9	0.80	562.53
796.0	0.00	0.0	132.7	134.3	0.80	562.51
800.0	0.00	0.0	131.1	132.7	0.80	562.49
804.0	0.00	0.0	129.5	131.1	0.80	562.47
808.0	0.00	0.0	127.9	129.5	0.80	562.45
812.0	0.00	0.0	126.3	127.9	0.80	562.43
816.0	0.00	0.0	124.7	126.3	0.80	562.42
820.0	0.00	0.0	123.1	124.7	0.80	562.40
824.0	0.00	0.0	121.5	123.1	0.79	562.37
828.0	0.00	0.0	119.9	121.5	0.78	562.35
832.0	0.00	0.0	118.4	119.9	0.78	562.33
836.0	0.00	0.0	116.8	118.4	0.77	562.31
840.0	0.00	0.0	115.3	116.8	0.77	562.30
844.0	0.00	0.0	113.8	115.3	0.76	562.28
848.0	0.00	0.0	112.3	113.8	0.75	562.26
852.0	0.00	0.0	110.8	112.3	0.75	562.24
856.0	0.00	0.0	109.3	110.8	0.74	562.22
860.0	0.00	0.0	107.9	109.3	0.73	562.20
864.0	0.00	0.0	106.4	107.9	0.73	562.18
868.0	0.00	0.0	105.0	106.4	0.72	562.16
872.0	0.00	0.0	103.5	105.0	0.71	562.14
876.0	0.00	0.0	102.1	103.5	0.71	562.13
880.0	0.00	0.0	100.7	102.1	0.70	562.11
884.0	0.00	0.0	99.3	100.7	0.70	562.09
888.0	0.00	0.0	97.9	99.3	0.70	562.07
892.0	0.00	0.0	96.5	97.9	0.70	562.05
896.0	0.00	0.0	95.1	96.5	0.70	562.03
900.0	0.00	0.0	93.7	95.1	0.70	562.01
904.0	0.00	0.0	92.3	93.7	0.70	561.99
908.0	0.00	0.0	90.9	92.3	0.70	561.97
912.0	0.00	0.0	89.5	90.9	0.70	561.95

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BASIN3100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
916.0	0.00	0.0	88.1	89.5	0.70	561.93
920.0	0.00	0.0	86.7	88.1	0.70	561.92
924.0	0.00	0.0	85.3	86.7	0.70	561.90
928.0	0.00	0.0	83.9	85.3	0.70	561.88
932.0	0.00	0.0	82.5	83.9	0.70	561.86
936.0	0.00	0.0	81.1	82.5	0.70	561.84
940.0	0.00	0.0	79.7	81.1	0.70	561.82
944.0	0.00	0.0	78.3	79.7	0.70	561.80
948.0	0.00	0.0	76.9	78.3	0.70	561.78
952.0	0.00	0.0	75.5	76.9	0.70	561.76
956.0	0.00	0.0	74.1	75.5	0.70	561.73
960.0	0.00	0.0	72.7	74.1	0.70	561.71
964.0	0.00	0.0	71.3	72.7	0.70	561.69
968.0	0.00	0.0	69.9	71.3	0.70	561.66
972.0	0.00	0.0	68.5	69.9	0.70	561.64
976.0	0.00	0.0	67.1	68.5	0.70	561.62
980.0	0.00	0.0	65.7	67.1	0.70	561.60
984.0	0.00	0.0	64.3	65.7	0.70	561.57
988.0	0.00	0.0	62.9	64.3	0.70	561.55
992.0	0.00	0.0	61.5	62.9	0.70	561.53
996.0	0.00	0.0	60.1	61.5	0.70	561.51
1000.0	0.00	0.0	58.7	60.1	0.69	561.48
1004.0	0.00	0.0	57.4	58.7	0.68	561.45
1008.0	0.00	0.0	56.0	57.4	0.68	561.43
1012.0	0.00	0.0	54.7	56.0	0.67	561.40
1016.0	0.00	0.0	53.3	54.7	0.66	561.38
1020.0	0.00	0.0	52.0	53.3	0.65	561.35
1024.0	0.00	0.0	50.8	52.0	0.64	561.33
1028.0	0.00	0.0	49.5	50.8	0.63	561.30
1032.0	0.00	0.0	48.2	49.5	0.63	561.28
1036.0	0.00	0.0	47.0	48.2	0.62	561.25
1040.0	0.00	0.0	45.8	47.0	0.61	561.23
1044.0	0.00	0.0	44.6	45.8	0.60	561.21
1048.0	0.00	0.0	43.4	44.6	0.60	561.18
1052.0	0.00	0.0	42.2	43.4	0.60	561.15
1056.0	0.00	0.0	41.0	42.2	0.60	561.12
1060.0	0.00	0.0	39.8	41.0	0.60	561.09
1064.0	0.00	0.0	38.6	39.8	0.60	561.07
1068.0	0.00	0.0	37.4	38.6	0.60	561.04
1072.0	0.00	0.0	36.2	37.4	0.60	561.01
1076.0	0.00	0.0	35.0	36.2	0.60	560.98
1080.0	0.00	0.0	33.8	35.0	0.60	560.95
1084.0	0.00	0.0	32.6	33.8	0.60	560.92
1088.0	0.00	0.0	31.4	32.6	0.60	560.89
992.0	0.00	0.0	30.2	31.4	0.60	560.86
1096.0	0.00	0.0	29.0	30.2	0.60	560.82

Pond File: j:\DATA\0306147\BASIN3 .PND
 Inflow Hydrograph: j:\DATA\0306147\100BASIN3.HYD
 .flow Hydrograph: j:\DATA\0306147\BASIN3100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
1100.0	0.00	0.0	27.8	29.0	0.60	560.79
1104.0	0.00	0.0	26.6	27.8	0.60	560.75
1108.0	0.00	0.0	25.4	26.6	0.60	560.72
1112.0	0.00	0.0	24.2	25.4	0.60	560.68
1116.0	0.00	0.0	23.0	24.2	0.60	560.64
1120.0	0.00	0.0	21.8	23.0	0.60	560.61
1124.0	0.00	0.0	20.6	21.8	0.59	560.57
1128.0	0.00	0.0	19.5	20.6	0.57	560.52
1132.0	0.00	0.0	18.3	19.5	0.56	560.48
1136.0	0.00	0.0	17.3	18.3	0.55	560.44
1140.0	0.00	0.0	16.2	17.3	0.53	560.40
1144.0	0.00	0.0	15.1	16.2	0.52	560.36
1148.0	0.00	0.0	14.1	15.1	0.51	560.32
1152.0	0.00	0.0	13.1	14.1	0.50	560.27
1156.0	0.00	0.0	12.1	13.1	0.50	560.22
1160.0	0.00	0.0	11.1	12.1	0.50	560.17
1164.0	0.00	0.0	10.1	11.1	0.50	560.12
1168.0	0.00	0.0	9.1	10.1	0.50	560.07
1172.0	0.00	0.0	8.1	9.1	0.50	560.02
1176.0	0.00	0.0	7.2	8.1	0.48	559.95
1180.0	0.00	0.0	6.3	7.2	0.46	559.88
1184.0	0.00	0.0	5.4	6.3	0.44	559.81
1188.0	0.00	0.0	4.5	5.4	0.42	559.75
1192.0	0.00	0.0	3.8	4.5	0.40	559.69
1196.0	0.00	0.0	3.0	3.8	0.36	559.59
1200.0	0.00	0.0	2.4	3.0	0.34	559.51
1204.0	0.00	0.0	1.7	2.4	0.31	559.43
1208.0	0.00	0.0	1.1	1.7	0.30	559.31
1212.0	0.00	0.0	0.5	1.1	0.30	559.17

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN3 .PND
Inflow Hydrograph: j:\DATA\0306147\100BASN3.HYD
Outflow Hydrograph: j:\DATA\0306147\BASN3100.HYD

Starting Pond W.S. Elevation = 558.50 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 63.30 cfs
Peak Outflow = 51.73 cfs
Peak Elevation = 566.85 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 0 cu-ft
Peak Storage From Storm = 71,545 cu-ft

Total Storage in Pond = 71,545 cu-ft

Outlet Structure File: BASIN3BL.STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #3
BLOCKED LOW FLOW

***** COMPOSITE OUTFLOW SUMMARY *****

Elevation (ft)	Q (cfs)	Contributing Structures
-----	-----	-----
566.00	0.0	3
566.20	5.7	3
566.40	16.1	3
566.60	29.6	3
566.80	45.6	3
567.00	65.8	4
567.20	77.9	4
567.40	88.3	4
567.60	97.6	4
567.80	106.1	4
568.00	114.0	4

Outlet Structure File: BASIN3BL.STR

POND-2 Version: 5.17
Date Executed:

S/N: 1903000008
Time Executed:

BASIN #3
BLOCKED LOW FLOW

Outlet Structure File: j:\DATA\0306147\BASIN3BL.STR
Planimeter Input File: j:\DATA\0306147\BASIN3 .VOL
Rating Table Output File: j:\DATA\0306147\BASIN3BL.PND

Min. Elev.(ft) = 566 Max. Elev.(ft) = 568 Incr.(ft) = .2

Additional elevations (ft) to be included in table:
* * * * *

SYSTEM CONNECTIVITY

Structure	No.	Q Table	Q Table
ORIFICE	4	->	4
WEIR-VR	3	->	3

Outflow rating table summary was stored in file:
j:\DATA\0306147\BASIN3BL.PND

Outlet Structure File: BASIN3BL.STR

POND-2 Version: 5.17
Date Executed:

S/N: 1903000008
Time Executed:

BASIN #3
BLOCKED LOW FLOW

>>>>> Structure No. 4 <<<<<<
(Input Data)

ORIFICE

Orifice - Based on Area and Datum Elevation

E1 elev.(ft)?	567
E2 elev.(ft)?	568.001
Orifice coeff.?	.6
Invert elev.(ft)?	566
Datum elev.(ft) ?	566.5
Orifice area (sq ft)?	19.33

Outlet Structure File: BASIN3BL.STR

POND-2 Version: 5.17

S/N: 1903000008

Date Executed:

Time Executed:

BASIN #3
BLOCKED LOW FLOW

>>>>> Structure No. 3 <<<<<<
(Input Data)

WEIR-VR

Weir - Vertical Rectangular

E1 elev.(ft)?	566
E2 elev.(ft)?	567
Weir coefficient?	3.3
Weir elev.(ft)?	566
Length (ft)?	19.33
Contracted/Suppressed (C/S)?	S

```

*****
*
*          FOX HAVEN          *
*  DETENTION ANALYSIS      *
*  DETENTION BASIN #3     *
*   BLOCKED LOW FLOW      *
*
*****
    
```

Inflow Hydrograph: j:\DATA\0306147\02BASIN3 .HYD
 Rating Table file: j:\DATA\0306147\BASIN3BL.PND

----INITIAL CONDITIONS----
 Elevation = 566.00 ft
 Outflow = 0.00 cfs
 Storage = 58,364 cu-ft

GIVEN POND DATA

INTERMEDIATE ROUTING
 COMPUTATIONS

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
566.00	0.0	58,364	648.5	648.5
566.20	5.7	61,346	681.6	687.3
566.40	16.1	64,393	715.5	731.6
566.60	29.6	67,503	750.0	779.6
566.80	45.6	70,679	785.3	830.9
567.00	65.8	73,921	821.3	887.1
567.20	77.9	77,230	858.1	936.0
567.40	88.3	80,606	895.6	983.9
567.60	97.6	84,049	933.9	1031.5
567.80	106.1	87,562	972.9	1079.0
568.00	114.0	91,144	1012.7	1126.7

Time increment (t) = 3.0 min.

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL302.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	648.5	648.5	0.00	566.00
3.0	24.44	24.4	665.8	672.9	3.59	566.13
6.0	24.44	48.9	690.4	714.6	12.12	566.32
9.0	24.44	48.9	702.8	739.3	18.26	566.43
12.0	24.44	48.9	708.2	751.6	21.73	566.48
15.0	24.44	48.9	710.5	757.0	23.25	566.51
18.0	24.44	48.9	711.6	759.4	23.92	566.52
21.0	12.22	36.7	706.7	748.2	20.78	566.47
24.0	0.00	12.2	692.7	718.9	13.12	566.34
27.0	0.00	0.0	678.8	692.7	6.95	566.22
30.0	0.00	0.0	669.9	678.8	4.44	566.16
33.0	0.00	0.0	663.6	669.9	3.14	566.11
36.0	0.00	0.0	659.2	663.6	2.22	566.08
39.0	0.00	0.0	656.0	659.2	1.57	566.05
42.0	0.00	0.0	653.8	656.0	1.11	566.04
45.0	0.00	0.0	652.3	653.8	0.78	566.03
48.0	0.00	0.0	651.1	652.3	0.55	566.02
51.0	0.00	0.0	650.4	651.1	0.39	566.01
54.0	0.00	0.0	649.8	650.4	0.28	566.01
57.0	0.00	0.0	649.4	649.8	0.19	566.01
60.0	0.00	0.0	649.1	649.4	0.14	566.00
63.0	0.00	0.0	649.0	649.1	0.10	566.00
66.0	0.00	0.0	648.8	649.0	0.07	566.00
69.0	0.00	0.0	648.7	648.8	0.05	566.00
72.0	0.00	0.0	648.7	648.7	0.03	566.00
75.0	0.00	0.0	648.6	648.7	0.02	566.00
78.0	0.00	0.0	648.6	648.6	0.02	566.00
81.0	0.00	0.0	648.5	648.6	0.01	566.00
84.0	0.00	0.0	648.5	648.5	0.01	566.00
87.0	0.00	0.0	648.5	648.5	0.01	566.00
90.0	0.00	0.0	648.5	648.5	0.00	566.00
93.0	0.00	0.0	648.5	648.5	0.00	566.00
96.0	0.00	0.0	648.5	648.5	0.00	566.00
99.0	0.00	0.0	648.5	648.5	0.00	566.00
102.0	0.00	0.0	648.5	648.5	0.00	566.00
105.0	0.00	0.0	648.5	648.5	0.00	566.00
108.0	0.00	0.0	648.5	648.5	0.00	566.00
111.0	0.00	0.0	648.5	648.5	0.00	566.00
114.0	0.00	0.0	648.5	648.5	0.00	566.00
117.0	0.00	0.0	648.5	648.5	0.00	566.00
120.0	0.00	0.0	648.5	648.5	0.00	566.00
123.0	0.00	0.0	648.5	648.5	0.00	566.00
126.0	0.00	0.0	648.5	648.5	0.00	566.00
129.0	0.00	0.0	648.5	648.5	0.00	566.00
132.0	0.00	0.0	648.5	648.5	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL302.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
135.0	0.00	0.0	648.5	648.5	0.00	566.00
138.0	0.00	0.0	648.5	648.5	0.00	566.00
141.0	0.00	0.0	648.5	648.5	0.00	566.00
144.0	0.00	0.0	648.5	648.5	0.00	566.00
147.0	0.00	0.0	648.5	648.5	0.00	566.00
150.0	0.00	0.0	648.5	648.5	0.00	566.00
153.0	0.00	0.0	648.5	648.5	0.00	566.00
156.0	0.00	0.0	648.5	648.5	0.00	566.00
159.0	0.00	0.0	648.5	648.5	0.00	566.00
162.0	0.00	0.0	648.5	648.5	0.00	566.00
165.0	0.00	0.0	648.5	648.5	0.00	566.00
168.0	0.00	0.0	648.5	648.5	0.00	566.00
171.0	0.00	0.0	648.5	648.5	0.00	566.00
174.0	0.00	0.0	648.5	648.5	0.00	566.00
177.0	0.00	0.0	648.5	648.5	0.00	566.00
180.0	0.00	0.0	648.5	648.5	0.00	566.00
183.0	0.00	0.0	648.5	648.5	0.00	566.00
186.0	0.00	0.0	648.5	648.5	0.00	566.00
189.0	0.00	0.0	648.5	648.5	0.00	566.00
192.0	0.00	0.0	648.5	648.5	0.00	566.00
195.0	0.00	0.0	648.5	648.5	0.00	566.00
198.0	0.00	0.0	648.5	648.5	0.00	566.00
201.0	0.00	0.0	648.5	648.5	0.00	566.00
204.0	0.00	0.0	648.5	648.5	0.00	566.00
207.0	0.00	0.0	648.5	648.5	0.00	566.00
210.0	0.00	0.0	648.5	648.5	0.00	566.00
213.0	0.00	0.0	648.5	648.5	0.00	566.00
216.0	0.00	0.0	648.5	648.5	0.00	566.00
219.0	0.00	0.0	648.5	648.5	0.00	566.00
222.0	0.00	0.0	648.5	648.5	0.00	566.00
225.0	0.00	0.0	648.5	648.5	0.00	566.00
228.0	0.00	0.0	648.5	648.5	0.00	566.00
231.0	0.00	0.0	648.5	648.5	0.00	566.00
234.0	0.00	0.0	648.5	648.5	0.00	566.00
237.0	0.00	0.0	648.5	648.5	0.00	566.00
240.0	0.00	0.0	648.5	648.5	0.00	566.00
243.0	0.00	0.0	648.5	648.5	0.00	566.00
246.0	0.00	0.0	648.5	648.5	0.00	566.00
249.0	0.00	0.0	648.5	648.5	0.00	566.00
252.0	0.00	0.0	648.5	648.5	0.00	566.00
255.0	0.00	0.0	648.5	648.5	0.00	566.00
258.0	0.00	0.0	648.5	648.5	0.00	566.00
261.0	0.00	0.0	648.5	648.5	0.00	566.00
264.0	0.00	0.0	648.5	648.5	0.00	566.00
267.0	0.00	0.0	648.5	648.5	0.00	566.00
270.0	0.00	0.0	648.5	648.5	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASIN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL302.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
273.0	0.00	0.0	648.5	648.5	0.00	566.00
276.0	0.00	0.0	648.5	648.5	0.00	566.00
279.0	0.00	0.0	648.5	648.5	0.00	566.00
282.0	0.00	0.0	648.5	648.5	0.00	566.00
285.0	0.00	0.0	648.5	648.5	0.00	566.00
288.0	0.00	0.0	648.5	648.5	0.00	566.00
291.0	0.00	0.0	648.5	648.5	0.00	566.00
294.0	0.00	0.0	648.5	648.5	0.00	566.00
297.0	0.00	0.0	648.5	648.5	0.00	566.00
300.0	0.00	0.0	648.5	648.5	0.00	566.00
303.0	0.00	0.0	648.5	648.5	0.00	566.00
306.0	0.00	0.0	648.5	648.5	0.00	566.00
309.0	0.00	0.0	648.5	648.5	0.00	566.00
312.0	0.00	0.0	648.5	648.5	0.00	566.00
315.0	0.00	0.0	648.5	648.5	0.00	566.00
318.0	0.00	0.0	648.5	648.5	0.00	566.00
321.0	0.00	0.0	648.5	648.5	0.00	566.00
324.0	0.00	0.0	648.5	648.5	0.00	566.00
327.0	0.00	0.0	648.5	648.5	0.00	566.00
330.0	0.00	0.0	648.5	648.5	0.00	566.00
333.0	0.00	0.0	648.5	648.5	0.00	566.00
336.0	0.00	0.0	648.5	648.5	0.00	566.00
339.0	0.00	0.0	648.5	648.5	0.00	566.00
342.0	0.00	0.0	648.5	648.5	0.00	566.00
345.0	0.00	0.0	648.5	648.5	0.00	566.00
348.0	0.00	0.0	648.5	648.5	0.00	566.00
351.0	0.00	0.0	648.5	648.5	0.00	566.00
354.0	0.00	0.0	648.5	648.5	0.00	566.00
357.0	0.00	0.0	648.5	648.5	0.00	566.00
360.0	0.00	0.0	648.5	648.5	0.00	566.00
363.0	0.00	0.0	648.5	648.5	0.00	566.00
366.0	0.00	0.0	648.5	648.5	0.00	566.00
369.0	0.00	0.0	648.5	648.5	0.00	566.00
372.0	0.00	0.0	648.5	648.5	0.00	566.00
375.0	0.00	0.0	648.5	648.5	0.00	566.00
378.0	0.00	0.0	648.5	648.5	0.00	566.00
381.0	0.00	0.0	648.5	648.5	0.00	566.00
384.0	0.00	0.0	648.5	648.5	0.00	566.00
387.0	0.00	0.0	648.5	648.5	0.00	566.00
390.0	0.00	0.0	648.5	648.5	0.00	566.00
393.0	0.00	0.0	648.5	648.5	0.00	566.00
396.0	0.00	0.0	648.5	648.5	0.00	566.00
399.0	0.00	0.0	648.5	648.5	0.00	566.00
402.0	0.00	0.0	648.5	648.5	0.00	566.00
405.0	0.00	0.0	648.5	648.5	0.00	566.00
408.0	0.00	0.0	648.5	648.5	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL302 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
411.0	0.00	0.0	648.5	648.5	0.00	566.00
414.0	0.00	0.0	648.5	648.5	0.00	566.00
417.0	0.00	0.0	648.5	648.5	0.00	566.00
420.0	0.00	0.0	648.5	648.5	0.00	566.00
423.0	0.00	0.0	648.5	648.5	0.00	566.00
426.0	0.00	0.0	648.5	648.5	0.00	566.00
429.0	0.00	0.0	648.5	648.5	0.00	566.00
432.0	0.00	0.0	648.5	648.5	0.00	566.00
435.0	0.00	0.0	648.5	648.5	0.00	566.00
438.0	0.00	0.0	648.5	648.5	0.00	566.00
441.0	0.00	0.0	648.5	648.5	0.00	566.00
444.0	0.00	0.0	648.5	648.5	0.00	566.00
447.0	0.00	0.0	648.5	648.5	0.00	566.00
450.0	0.00	0.0	648.5	648.5	0.00	566.00
453.0	0.00	0.0	648.5	648.5	0.00	566.00
456.0	0.00	0.0	648.5	648.5	0.00	566.00
459.0	0.00	0.0	648.5	648.5	0.00	566.00
462.0	0.00	0.0	648.5	648.5	0.00	566.00
465.0	0.00	0.0	648.5	648.5	0.00	566.00
468.0	0.00	0.0	648.5	648.5	0.00	566.00
471.0	0.00	0.0	648.5	648.5	0.00	566.00
474.0	0.00	0.0	648.5	648.5	0.00	566.00
477.0	0.00	0.0	648.5	648.5	0.00	566.00
480.0	0.00	0.0	648.5	648.5	0.00	566.00
483.0	0.00	0.0	648.5	648.5	0.00	566.00
486.0	0.00	0.0	648.5	648.5	0.00	566.00
489.0	0.00	0.0	648.5	648.5	0.00	566.00
492.0	0.00	0.0	648.5	648.5	0.00	566.00
495.0	0.00	0.0	648.5	648.5	0.00	566.00
498.0	0.00	0.0	648.5	648.5	0.00	566.00
501.0	0.00	0.0	648.5	648.5	0.00	566.00
504.0	0.00	0.0	648.5	648.5	0.00	566.00
507.0	0.00	0.0	648.5	648.5	0.00	566.00
510.0	0.00	0.0	648.5	648.5	0.00	566.00
513.0	0.00	0.0	648.5	648.5	0.00	566.00
516.0	0.00	0.0	648.5	648.5	0.00	566.00
519.0	0.00	0.0	648.5	648.5	0.00	566.00
522.0	0.00	0.0	648.5	648.5	0.00	566.00
525.0	0.00	0.0	648.5	648.5	0.00	566.00
528.0	0.00	0.0	648.5	648.5	0.00	566.00
531.0	0.00	0.0	648.5	648.5	0.00	566.00
534.0	0.00	0.0	648.5	648.5	0.00	566.00
537.0	0.00	0.0	648.5	648.5	0.00	566.00
540.0	0.00	0.0	648.5	648.5	0.00	566.00
543.0	0.00	0.0	648.5	648.5	0.00	566.00
546.0	0.00	0.0	648.5	648.5	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL302.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
549.0	0.00	0.0	648.5	648.5	0.00	566.00
552.0	0.00	0.0	648.5	648.5	0.00	566.00
555.0	0.00	0.0	648.5	648.5	0.00	566.00
558.0	0.00	0.0	648.5	648.5	0.00	566.00
561.0	0.00	0.0	648.5	648.5	0.00	566.00
564.0	0.00	0.0	648.5	648.5	0.00	566.00
567.0	0.00	0.0	648.5	648.5	0.00	566.00
570.0	0.00	0.0	648.5	648.5	0.00	566.00
573.0	0.00	0.0	648.5	648.5	0.00	566.00
576.0	0.00	0.0	648.5	648.5	0.00	566.00
579.0	0.00	0.0	648.5	648.5	0.00	566.00
582.0	0.00	0.0	648.5	648.5	0.00	566.00
585.0	0.00	0.0	648.5	648.5	0.00	566.00
588.0	0.00	0.0	648.5	648.5	0.00	566.00
591.0	0.00	0.0	648.5	648.5	0.00	566.00
594.0	0.00	0.0	648.5	648.5	0.00	566.00
597.0	0.00	0.0	648.5	648.5	0.00	566.00
600.0	0.00	0.0	648.5	648.5	0.00	566.00
603.0	0.00	0.0	648.5	648.5	0.00	566.00
606.0	0.00	0.0	648.5	648.5	0.00	566.00
609.0	0.00	0.0	648.5	648.5	0.00	566.00
612.0	0.00	0.0	648.5	648.5	0.00	566.00
615.0	0.00	0.0	648.5	648.5	0.00	566.00
618.0	0.00	0.0	648.5	648.5	0.00	566.00
621.0	0.00	0.0	648.5	648.5	0.00	566.00
624.0	0.00	0.0	648.5	648.5	0.00	566.00
627.0	0.00	0.0	648.5	648.5	0.00	566.00
630.0	0.00	0.0	648.5	648.5	0.00	566.00
633.0	0.00	0.0	648.5	648.5	0.00	566.00
636.0	0.00	0.0	648.5	648.5	0.00	566.00
639.0	0.00	0.0	648.5	648.5	0.00	566.00
642.0	0.00	0.0	648.5	648.5	0.00	566.00
645.0	0.00	0.0	648.5	648.5	0.00	566.00
648.0	0.00	0.0	648.5	648.5	0.00	566.00
651.0	0.00	0.0	648.5	648.5	0.00	566.00
654.0	0.00	0.0	648.5	648.5	0.00	566.00
657.0	0.00	0.0	648.5	648.5	0.00	566.00
660.0	0.00	0.0	648.5	648.5	0.00	566.00
663.0	0.00	0.0	648.5	648.5	0.00	566.00
666.0	0.00	0.0	648.5	648.5	0.00	566.00
669.0	0.00	0.0	648.5	648.5	0.00	566.00
672.0	0.00	0.0	648.5	648.5	0.00	566.00
675.0	0.00	0.0	648.5	648.5	0.00	566.00
678.0	0.00	0.0	648.5	648.5	0.00	566.00
681.0	0.00	0.0	648.5	648.5	0.00	566.00
684.0	0.00	0.0	648.5	648.5	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL302.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
687.0	0.00	0.0	648.5	648.5	0.00	566.00
690.0	0.00	0.0	648.5	648.5	0.00	566.00
693.0	0.00	0.0	648.5	648.5	0.00	566.00
696.0	0.00	0.0	648.5	648.5	0.00	566.00
699.0	0.00	0.0	648.5	648.5	0.00	566.00
702.0	0.00	0.0	648.5	648.5	0.00	566.00
705.0	0.00	0.0	648.5	648.5	0.00	566.00
708.0	0.00	0.0	648.5	648.5	0.00	566.00
711.0	0.00	0.0	648.5	648.5	0.00	566.00
714.0	0.00	0.0	648.5	648.5	0.00	566.00
717.0	0.00	0.0	648.5	648.5	0.00	566.00
720.0	0.00	0.0	648.5	648.5	0.00	566.00
723.0	0.00	0.0	648.5	648.5	0.00	566.00
726.0	0.00	0.0	648.5	648.5	0.00	566.00
729.0	0.00	0.0	648.5	648.5	0.00	566.00
732.0	0.00	0.0	648.5	648.5	0.00	566.00
735.0	0.00	0.0	648.5	648.5	0.00	566.00
738.0	0.00	0.0	648.5	648.5	0.00	566.00
741.0	0.00	0.0	648.5	648.5	0.00	566.00
744.0	0.00	0.0	648.5	648.5	0.00	566.00
747.0	0.00	0.0	648.5	648.5	0.00	566.00
750.0	0.00	0.0	648.5	648.5	0.00	566.00
753.0	0.00	0.0	648.5	648.5	0.00	566.00
756.0	0.00	0.0	648.5	648.5	0.00	566.00
759.0	0.00	0.0	648.5	648.5	0.00	566.00
762.0	0.00	0.0	648.5	648.5	0.00	566.00
765.0	0.00	0.0	648.5	648.5	0.00	566.00
768.0	0.00	0.0	648.5	648.5	0.00	566.00
771.0	0.00	0.0	648.5	648.5	0.00	566.00
774.0	0.00	0.0	648.5	648.5	0.00	566.00
777.0	0.00	0.0	648.5	648.5	0.00	566.00
780.0	0.00	0.0	648.5	648.5	0.00	566.00
783.0	0.00	0.0	648.5	648.5	0.00	566.00
786.0	0.00	0.0	648.5	648.5	0.00	566.00
789.0	0.00	0.0	648.5	648.5	0.00	566.00
792.0	0.00	0.0	648.5	648.5	0.00	566.00
795.0	0.00	0.0	648.5	648.5	0.00	566.00
798.0	0.00	0.0	648.5	648.5	0.00	566.00
801.0	0.00	0.0	648.5	648.5	0.00	566.00
804.0	0.00	0.0	648.5	648.5	0.00	566.00
807.0	0.00	0.0	648.5	648.5	0.00	566.00
810.0	0.00	0.0	648.5	648.5	0.00	566.00
813.0	0.00	0.0	648.5	648.5	0.00	566.00
816.0	0.00	0.0	648.5	648.5	0.00	566.00
819.0	0.00	0.0	648.5	648.5	0.00	566.00
822.0	0.00	0.0	648.5	648.5	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\02BASN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL302 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
825.0	0.00	0.0	648.5	648.5	0.00	566.00
828.0	0.00	0.0	648.5	648.5	0.00	566.00
831.0	0.00	0.0	648.5	648.5	0.00	566.00
834.0	0.00	0.0	648.5	648.5	0.00	566.00
837.0	0.00	0.0	648.5	648.5	0.00	566.00
840.0	0.00	0.0	648.5	648.5	0.00	566.00
843.0	0.00	0.0	648.5	648.5	0.00	566.00
846.0	0.00	0.0	648.5	648.5	0.00	566.00
849.0	0.00	0.0	648.5	648.5	0.00	566.00
852.0	0.00	0.0	648.5	648.5	0.00	566.00
855.0	0.00	0.0	648.5	648.5	0.00	566.00
858.0	0.00	0.0	648.5	648.5	0.00	566.00
861.0	0.00	0.0	648.5	648.5	0.00	566.00
864.0	0.00	0.0	648.5	648.5	0.00	566.00
867.0	0.00	0.0	648.5	648.5	0.00	566.00
870.0	0.00	0.0	648.5	648.5	0.00	566.00
873.0	0.00	0.0	648.5	648.5	0.00	566.00
876.0	0.00	0.0	648.5	648.5	0.00	566.00
879.0	0.00	0.0	648.5	648.5	0.00	566.00
882.0	0.00	0.0	648.5	648.5	0.00	566.00
885.0	0.00	0.0	648.5	648.5	0.00	566.00
888.0	0.00	0.0	648.5	648.5	0.00	566.00
891.0	0.00	0.0	648.5	648.5	0.00	566.00
894.0	0.00	0.0	648.5	648.5	0.00	566.00
897.0	0.00	0.0	648.5	648.5	0.00	566.00
900.0	0.00	0.0	648.5	648.5	0.00	566.00
903.0	0.00	0.0	648.5	648.5	0.00	566.00
906.0	0.00	0.0	648.5	648.5	0.00	566.00
909.0	0.00	0.0	648.5	648.5	0.00	566.00

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN3BL.PND
Inflow Hydrograph: j:\DATA\0306147\02BASN3 .HYD
Outflow Hydrograph: j:\DATA\0306147\BABL302 .HYD

Starting Pond W.S. Elevation = 566.00 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 24.44 cfs
Peak Outflow = 23.92 cfs
Peak Elevation = 566.52 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 58,364 cu-ft
Peak Storage From Storm = 7,831 cu-ft

Total Storage in Pond = 66,195 cu-ft

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*****
*
*          FOX HAVEN          *
*  DETENTION ANALYSIS      *
*  DETENTION BASIN #3     *
*   BLOCKED LOW FLOW      *
*
*****
    
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Inflow Hydrograph: j:\DATA\0306147\15BASN3 .HYD
 Rating Table file: j:\DATA\0306147\BASIN3BL.PND

----INITIAL CONDITIONS----
 Elevation = 566.00 ft
 Outflow = 0.00 cfs
 Storage = 58,364 cu-ft

GIVEN POND DATA

INTERMEDIATE ROUTING
 COMPUTATIONS

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
566.00	0.0	58,364	486.4	486.4
566.20	5.7	61,346	511.2	516.9
566.40	16.1	64,393	536.6	552.7
566.60	29.6	67,503	562.5	592.1
566.80	45.6	70,679	589.0	634.6
567.00	65.8	73,921	616.0	681.8
567.20	77.9	77,230	643.6	721.5
567.40	88.3	80,606	671.7	760.0
567.60	97.6	84,049	700.4	798.0
567.80	106.1	87,562	729.7	835.8
568.00	114.0	91,144	759.5	873.5

Time increment (t) = 4.0 min.

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL315.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	486.4	486.4	0.00	566.00
4.0	40.07	40.1	509.5	526.4	8.47	566.25
8.0	40.07	80.1	532.1	589.6	28.75	566.59
12.0	40.07	80.1	537.9	612.3	37.19	566.69
16.0	40.07	80.1	539.3	618.0	39.36	566.72
20.0	40.07	80.1	539.7	619.5	39.90	566.73
24.0	0.00	40.1	529.0	579.7	25.36	566.54
28.0	0.00	0.0	510.6	529.0	9.22	566.27
32.0	0.00	0.0	501.5	510.6	4.52	566.16
36.0	0.00	0.0	495.9	501.5	2.83	566.10
40.0	0.00	0.0	492.3	495.9	1.78	566.06
44.0	0.00	0.0	490.1	492.3	1.11	566.04
48.0	0.00	0.0	488.7	490.1	0.70	566.02
52.0	0.00	0.0	487.8	488.7	0.44	566.02
56.0	0.00	0.0	487.3	487.8	0.27	566.01
60.0	0.00	0.0	486.9	487.3	0.17	566.01
64.0	0.00	0.0	486.7	486.9	0.11	566.00
68.0	0.00	0.0	486.6	486.7	0.07	566.00
72.0	0.00	0.0	486.5	486.6	0.04	566.00
76.0	0.00	0.0	486.5	486.5	0.03	566.00
80.0	0.00	0.0	486.4	486.5	0.02	566.00
84.0	0.00	0.0	486.4	486.4	0.01	566.00
88.0	0.00	0.0	486.4	486.4	0.01	566.00
92.0	0.00	0.0	486.4	486.4	0.00	566.00
96.0	0.00	0.0	486.4	486.4	0.00	566.00
100.0	0.00	0.0	486.4	486.4	0.00	566.00
104.0	0.00	0.0	486.4	486.4	0.00	566.00
108.0	0.00	0.0	486.4	486.4	0.00	566.00
112.0	0.00	0.0	486.4	486.4	0.00	566.00
116.0	0.00	0.0	486.4	486.4	0.00	566.00
120.0	0.00	0.0	486.4	486.4	0.00	566.00
124.0	0.00	0.0	486.4	486.4	0.00	566.00
128.0	0.00	0.0	486.4	486.4	0.00	566.00
132.0	0.00	0.0	486.4	486.4	0.00	566.00
136.0	0.00	0.0	486.4	486.4	0.00	566.00
140.0	0.00	0.0	486.4	486.4	0.00	566.00
144.0	0.00	0.0	486.4	486.4	0.00	566.00
148.0	0.00	0.0	486.4	486.4	0.00	566.00
152.0	0.00	0.0	486.4	486.4	0.00	566.00
156.0	0.00	0.0	486.4	486.4	0.00	566.00
160.0	0.00	0.0	486.4	486.4	0.00	566.00
164.0	0.00	0.0	486.4	486.4	0.00	566.00
168.0	0.00	0.0	486.4	486.4	0.00	566.00
172.0	0.00	0.0	486.4	486.4	0.00	566.00
176.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL315 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
180.0	0.00	0.0	486.4	486.4	0.00	566.00
184.0	0.00	0.0	486.4	486.4	0.00	566.00
188.0	0.00	0.0	486.4	486.4	0.00	566.00
192.0	0.00	0.0	486.4	486.4	0.00	566.00
196.0	0.00	0.0	486.4	486.4	0.00	566.00
200.0	0.00	0.0	486.4	486.4	0.00	566.00
204.0	0.00	0.0	486.4	486.4	0.00	566.00
208.0	0.00	0.0	486.4	486.4	0.00	566.00
212.0	0.00	0.0	486.4	486.4	0.00	566.00
216.0	0.00	0.0	486.4	486.4	0.00	566.00
220.0	0.00	0.0	486.4	486.4	0.00	566.00
224.0	0.00	0.0	486.4	486.4	0.00	566.00
228.0	0.00	0.0	486.4	486.4	0.00	566.00
232.0	0.00	0.0	486.4	486.4	0.00	566.00
236.0	0.00	0.0	486.4	486.4	0.00	566.00
240.0	0.00	0.0	486.4	486.4	0.00	566.00
244.0	0.00	0.0	486.4	486.4	0.00	566.00
248.0	0.00	0.0	486.4	486.4	0.00	566.00
252.0	0.00	0.0	486.4	486.4	0.00	566.00
256.0	0.00	0.0	486.4	486.4	0.00	566.00
260.0	0.00	0.0	486.4	486.4	0.00	566.00
264.0	0.00	0.0	486.4	486.4	0.00	566.00
268.0	0.00	0.0	486.4	486.4	0.00	566.00
272.0	0.00	0.0	486.4	486.4	0.00	566.00
276.0	0.00	0.0	486.4	486.4	0.00	566.00
280.0	0.00	0.0	486.4	486.4	0.00	566.00
284.0	0.00	0.0	486.4	486.4	0.00	566.00
288.0	0.00	0.0	486.4	486.4	0.00	566.00
292.0	0.00	0.0	486.4	486.4	0.00	566.00
296.0	0.00	0.0	486.4	486.4	0.00	566.00
300.0	0.00	0.0	486.4	486.4	0.00	566.00
304.0	0.00	0.0	486.4	486.4	0.00	566.00
308.0	0.00	0.0	486.4	486.4	0.00	566.00
312.0	0.00	0.0	486.4	486.4	0.00	566.00
316.0	0.00	0.0	486.4	486.4	0.00	566.00
320.0	0.00	0.0	486.4	486.4	0.00	566.00
324.0	0.00	0.0	486.4	486.4	0.00	566.00
328.0	0.00	0.0	486.4	486.4	0.00	566.00
332.0	0.00	0.0	486.4	486.4	0.00	566.00
336.0	0.00	0.0	486.4	486.4	0.00	566.00
340.0	0.00	0.0	486.4	486.4	0.00	566.00
344.0	0.00	0.0	486.4	486.4	0.00	566.00
348.0	0.00	0.0	486.4	486.4	0.00	566.00
352.0	0.00	0.0	486.4	486.4	0.00	566.00
356.0	0.00	0.0	486.4	486.4	0.00	566.00
360.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL315.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
364.0	0.00	0.0	486.4	486.4	0.00	566.00
368.0	0.00	0.0	486.4	486.4	0.00	566.00
372.0	0.00	0.0	486.4	486.4	0.00	566.00
376.0	0.00	0.0	486.4	486.4	0.00	566.00
380.0	0.00	0.0	486.4	486.4	0.00	566.00
384.0	0.00	0.0	486.4	486.4	0.00	566.00
388.0	0.00	0.0	486.4	486.4	0.00	566.00
392.0	0.00	0.0	486.4	486.4	0.00	566.00
396.0	0.00	0.0	486.4	486.4	0.00	566.00
400.0	0.00	0.0	486.4	486.4	0.00	566.00
404.0	0.00	0.0	486.4	486.4	0.00	566.00
408.0	0.00	0.0	486.4	486.4	0.00	566.00
412.0	0.00	0.0	486.4	486.4	0.00	566.00
416.0	0.00	0.0	486.4	486.4	0.00	566.00
420.0	0.00	0.0	486.4	486.4	0.00	566.00
424.0	0.00	0.0	486.4	486.4	0.00	566.00
428.0	0.00	0.0	486.4	486.4	0.00	566.00
432.0	0.00	0.0	486.4	486.4	0.00	566.00
436.0	0.00	0.0	486.4	486.4	0.00	566.00
440.0	0.00	0.0	486.4	486.4	0.00	566.00
444.0	0.00	0.0	486.4	486.4	0.00	566.00
448.0	0.00	0.0	486.4	486.4	0.00	566.00
452.0	0.00	0.0	486.4	486.4	0.00	566.00
456.0	0.00	0.0	486.4	486.4	0.00	566.00
460.0	0.00	0.0	486.4	486.4	0.00	566.00
464.0	0.00	0.0	486.4	486.4	0.00	566.00
468.0	0.00	0.0	486.4	486.4	0.00	566.00
472.0	0.00	0.0	486.4	486.4	0.00	566.00
476.0	0.00	0.0	486.4	486.4	0.00	566.00
480.0	0.00	0.0	486.4	486.4	0.00	566.00
484.0	0.00	0.0	486.4	486.4	0.00	566.00
488.0	0.00	0.0	486.4	486.4	0.00	566.00
492.0	0.00	0.0	486.4	486.4	0.00	566.00
496.0	0.00	0.0	486.4	486.4	0.00	566.00
500.0	0.00	0.0	486.4	486.4	0.00	566.00
504.0	0.00	0.0	486.4	486.4	0.00	566.00
508.0	0.00	0.0	486.4	486.4	0.00	566.00
512.0	0.00	0.0	486.4	486.4	0.00	566.00
516.0	0.00	0.0	486.4	486.4	0.00	566.00
520.0	0.00	0.0	486.4	486.4	0.00	566.00
524.0	0.00	0.0	486.4	486.4	0.00	566.00
528.0	0.00	0.0	486.4	486.4	0.00	566.00
532.0	0.00	0.0	486.4	486.4	0.00	566.00
536.0	0.00	0.0	486.4	486.4	0.00	566.00
540.0	0.00	0.0	486.4	486.4	0.00	566.00
544.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL315.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
548.0	0.00	0.0	486.4	486.4	0.00	566.00
552.0	0.00	0.0	486.4	486.4	0.00	566.00
556.0	0.00	0.0	486.4	486.4	0.00	566.00
560.0	0.00	0.0	486.4	486.4	0.00	566.00
564.0	0.00	0.0	486.4	486.4	0.00	566.00
568.0	0.00	0.0	486.4	486.4	0.00	566.00
572.0	0.00	0.0	486.4	486.4	0.00	566.00
576.0	0.00	0.0	486.4	486.4	0.00	566.00
580.0	0.00	0.0	486.4	486.4	0.00	566.00
584.0	0.00	0.0	486.4	486.4	0.00	566.00
588.0	0.00	0.0	486.4	486.4	0.00	566.00
592.0	0.00	0.0	486.4	486.4	0.00	566.00
596.0	0.00	0.0	486.4	486.4	0.00	566.00
600.0	0.00	0.0	486.4	486.4	0.00	566.00
604.0	0.00	0.0	486.4	486.4	0.00	566.00
608.0	0.00	0.0	486.4	486.4	0.00	566.00
612.0	0.00	0.0	486.4	486.4	0.00	566.00
616.0	0.00	0.0	486.4	486.4	0.00	566.00
620.0	0.00	0.0	486.4	486.4	0.00	566.00
624.0	0.00	0.0	486.4	486.4	0.00	566.00
628.0	0.00	0.0	486.4	486.4	0.00	566.00
632.0	0.00	0.0	486.4	486.4	0.00	566.00
636.0	0.00	0.0	486.4	486.4	0.00	566.00
640.0	0.00	0.0	486.4	486.4	0.00	566.00
644.0	0.00	0.0	486.4	486.4	0.00	566.00
648.0	0.00	0.0	486.4	486.4	0.00	566.00
652.0	0.00	0.0	486.4	486.4	0.00	566.00
656.0	0.00	0.0	486.4	486.4	0.00	566.00
660.0	0.00	0.0	486.4	486.4	0.00	566.00
664.0	0.00	0.0	486.4	486.4	0.00	566.00
668.0	0.00	0.0	486.4	486.4	0.00	566.00
672.0	0.00	0.0	486.4	486.4	0.00	566.00
676.0	0.00	0.0	486.4	486.4	0.00	566.00
680.0	0.00	0.0	486.4	486.4	0.00	566.00
684.0	0.00	0.0	486.4	486.4	0.00	566.00
688.0	0.00	0.0	486.4	486.4	0.00	566.00
692.0	0.00	0.0	486.4	486.4	0.00	566.00
696.0	0.00	0.0	486.4	486.4	0.00	566.00
700.0	0.00	0.0	486.4	486.4	0.00	566.00
704.0	0.00	0.0	486.4	486.4	0.00	566.00
708.0	0.00	0.0	486.4	486.4	0.00	566.00
712.0	0.00	0.0	486.4	486.4	0.00	566.00
716.0	0.00	0.0	486.4	486.4	0.00	566.00
720.0	0.00	0.0	486.4	486.4	0.00	566.00
724.0	0.00	0.0	486.4	486.4	0.00	566.00
728.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL315 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
732.0	0.00	0.0	486.4	486.4	0.00	566.00
736.0	0.00	0.0	486.4	486.4	0.00	566.00
740.0	0.00	0.0	486.4	486.4	0.00	566.00
744.0	0.00	0.0	486.4	486.4	0.00	566.00
748.0	0.00	0.0	486.4	486.4	0.00	566.00
752.0	0.00	0.0	486.4	486.4	0.00	566.00
756.0	0.00	0.0	486.4	486.4	0.00	566.00
760.0	0.00	0.0	486.4	486.4	0.00	566.00
764.0	0.00	0.0	486.4	486.4	0.00	566.00
768.0	0.00	0.0	486.4	486.4	0.00	566.00
772.0	0.00	0.0	486.4	486.4	0.00	566.00
776.0	0.00	0.0	486.4	486.4	0.00	566.00
780.0	0.00	0.0	486.4	486.4	0.00	566.00
784.0	0.00	0.0	486.4	486.4	0.00	566.00
788.0	0.00	0.0	486.4	486.4	0.00	566.00
792.0	0.00	0.0	486.4	486.4	0.00	566.00
796.0	0.00	0.0	486.4	486.4	0.00	566.00
800.0	0.00	0.0	486.4	486.4	0.00	566.00
804.0	0.00	0.0	486.4	486.4	0.00	566.00
808.0	0.00	0.0	486.4	486.4	0.00	566.00
812.0	0.00	0.0	486.4	486.4	0.00	566.00
816.0	0.00	0.0	486.4	486.4	0.00	566.00
820.0	0.00	0.0	486.4	486.4	0.00	566.00
824.0	0.00	0.0	486.4	486.4	0.00	566.00
828.0	0.00	0.0	486.4	486.4	0.00	566.00
832.0	0.00	0.0	486.4	486.4	0.00	566.00
836.0	0.00	0.0	486.4	486.4	0.00	566.00
840.0	0.00	0.0	486.4	486.4	0.00	566.00
844.0	0.00	0.0	486.4	486.4	0.00	566.00
848.0	0.00	0.0	486.4	486.4	0.00	566.00
852.0	0.00	0.0	486.4	486.4	0.00	566.00
856.0	0.00	0.0	486.4	486.4	0.00	566.00
860.0	0.00	0.0	486.4	486.4	0.00	566.00
864.0	0.00	0.0	486.4	486.4	0.00	566.00
868.0	0.00	0.0	486.4	486.4	0.00	566.00
872.0	0.00	0.0	486.4	486.4	0.00	566.00
876.0	0.00	0.0	486.4	486.4	0.00	566.00
880.0	0.00	0.0	486.4	486.4	0.00	566.00
884.0	0.00	0.0	486.4	486.4	0.00	566.00
888.0	0.00	0.0	486.4	486.4	0.00	566.00
892.0	0.00	0.0	486.4	486.4	0.00	566.00
896.0	0.00	0.0	486.4	486.4	0.00	566.00
900.0	0.00	0.0	486.4	486.4	0.00	566.00
904.0	0.00	0.0	486.4	486.4	0.00	566.00
908.0	0.00	0.0	486.4	486.4	0.00	566.00
912.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL315.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
916.0	0.00	0.0	486.4	486.4	0.00	566.00
920.0	0.00	0.0	486.4	486.4	0.00	566.00
924.0	0.00	0.0	486.4	486.4	0.00	566.00
928.0	0.00	0.0	486.4	486.4	0.00	566.00
932.0	0.00	0.0	486.4	486.4	0.00	566.00
936.0	0.00	0.0	486.4	486.4	0.00	566.00
940.0	0.00	0.0	486.4	486.4	0.00	566.00
944.0	0.00	0.0	486.4	486.4	0.00	566.00
948.0	0.00	0.0	486.4	486.4	0.00	566.00
952.0	0.00	0.0	486.4	486.4	0.00	566.00
956.0	0.00	0.0	486.4	486.4	0.00	566.00
960.0	0.00	0.0	486.4	486.4	0.00	566.00
964.0	0.00	0.0	486.4	486.4	0.00	566.00
968.0	0.00	0.0	486.4	486.4	0.00	566.00
972.0	0.00	0.0	486.4	486.4	0.00	566.00
976.0	0.00	0.0	486.4	486.4	0.00	566.00
980.0	0.00	0.0	486.4	486.4	0.00	566.00
984.0	0.00	0.0	486.4	486.4	0.00	566.00
988.0	0.00	0.0	486.4	486.4	0.00	566.00
992.0	0.00	0.0	486.4	486.4	0.00	566.00
996.0	0.00	0.0	486.4	486.4	0.00	566.00
1000.0	0.00	0.0	486.4	486.4	0.00	566.00
1004.0	0.00	0.0	486.4	486.4	0.00	566.00
1008.0	0.00	0.0	486.4	486.4	0.00	566.00
1012.0	0.00	0.0	486.4	486.4	0.00	566.00
1016.0	0.00	0.0	486.4	486.4	0.00	566.00
1020.0	0.00	0.0	486.4	486.4	0.00	566.00
1024.0	0.00	0.0	486.4	486.4	0.00	566.00
1028.0	0.00	0.0	486.4	486.4	0.00	566.00
1032.0	0.00	0.0	486.4	486.4	0.00	566.00
1036.0	0.00	0.0	486.4	486.4	0.00	566.00
1040.0	0.00	0.0	486.4	486.4	0.00	566.00
1044.0	0.00	0.0	486.4	486.4	0.00	566.00
1048.0	0.00	0.0	486.4	486.4	0.00	566.00
1052.0	0.00	0.0	486.4	486.4	0.00	566.00
1056.0	0.00	0.0	486.4	486.4	0.00	566.00
1060.0	0.00	0.0	486.4	486.4	0.00	566.00
1064.0	0.00	0.0	486.4	486.4	0.00	566.00
1068.0	0.00	0.0	486.4	486.4	0.00	566.00
1072.0	0.00	0.0	486.4	486.4	0.00	566.00
1076.0	0.00	0.0	486.4	486.4	0.00	566.00
1080.0	0.00	0.0	486.4	486.4	0.00	566.00
1084.0	0.00	0.0	486.4	486.4	0.00	566.00
1088.0	0.00	0.0	486.4	486.4	0.00	566.00
1092.0	0.00	0.0	486.4	486.4	0.00	566.00
1096.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\15BASIN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL315.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
1100.0	0.00	0.0	486.4	486.4	0.00	566.00
1104.0	0.00	0.0	486.4	486.4	0.00	566.00
1108.0	0.00	0.0	486.4	486.4	0.00	566.00
1112.0	0.00	0.0	486.4	486.4	0.00	566.00
1116.0	0.00	0.0	486.4	486.4	0.00	566.00
1120.0	0.00	0.0	486.4	486.4	0.00	566.00
1124.0	0.00	0.0	486.4	486.4	0.00	566.00
1128.0	0.00	0.0	486.4	486.4	0.00	566.00
1132.0	0.00	0.0	486.4	486.4	0.00	566.00
1136.0	0.00	0.0	486.4	486.4	0.00	566.00
1140.0	0.00	0.0	486.4	486.4	0.00	566.00
1144.0	0.00	0.0	486.4	486.4	0.00	566.00
1148.0	0.00	0.0	486.4	486.4	0.00	566.00
1152.0	0.00	0.0	486.4	486.4	0.00	566.00
1156.0	0.00	0.0	486.4	486.4	0.00	566.00
1160.0	0.00	0.0	486.4	486.4	0.00	566.00
1164.0	0.00	0.0	486.4	486.4	0.00	566.00
1168.0	0.00	0.0	486.4	486.4	0.00	566.00
1172.0	0.00	0.0	486.4	486.4	0.00	566.00
1176.0	0.00	0.0	486.4	486.4	0.00	566.00
1180.0	0.00	0.0	486.4	486.4	0.00	566.00
1184.0	0.00	0.0	486.4	486.4	0.00	566.00
1188.0	0.00	0.0	486.4	486.4	0.00	566.00
1192.0	0.00	0.0	486.4	486.4	0.00	566.00
1196.0	0.00	0.0	486.4	486.4	0.00	566.00
1200.0	0.00	0.0	486.4	486.4	0.00	566.00
1204.0	0.00	0.0	486.4	486.4	0.00	566.00
1208.0	0.00	0.0	486.4	486.4	0.00	566.00
1212.0	0.00	0.0	486.4	486.4	0.00	566.00

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN3BL.PND
Inflow Hydrograph: j:\DATA\0306147\15BASN3 .HYD
Outflow Hydrograph: j:\DATA\0306147\BABL315 .HYD

Starting Pond W.S. Elevation = 566.00 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 40.07 cfs
Peak Outflow = 39.90 cfs
Peak Elevation = 566.73 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 58,364 cu-ft
Peak Storage From Storm = 11,183 cu-ft

Total Storage in Pond = 69,547 cu-ft

```

*****
*
*          FOX HAVEN          *
*  DETENTION ANALYSIS      *
*  DETENTION BASIN #3     *
*   BLOCKED LOW FLOW      *
*
*****
    
```

Inflow Hydrograph: j:\DATA\0306147\25BASN3 .HYD
 Rating Table file: j:\DATA\0306147\BASIN3BL.PND

----INITIAL CONDITIONS----
 Elevation = 566.00 ft
 Outflow = 0.00 cfs
 Storage = 58,364 cu-ft

GIVEN POND DATA

INTERMEDIATE ROUTING
 COMPUTATIONS

ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
566.00	0.0	58,364	486.4	486.4
566.20	5.7	61,346	511.2	516.9
566.40	16.1	64,393	536.6	552.7
566.60	29.6	67,503	562.5	592.1
566.80	45.6	70,679	589.0	634.6
567.00	65.8	73,921	616.0	681.8
567.20	77.9	77,230	643.6	721.5
567.40	88.3	80,606	671.7	760.0
567.60	97.6	84,049	700.4	798.0
567.80	106.1	87,562	729.7	835.8
568.00	114.0	91,144	759.5	873.5

Time increment (t) = 4.0 min.

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL325 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	486.4	486.4	0.00	566.00
4.0	49.49	49.5	513.5	535.9	11.20	566.31
8.0	49.49	99.0	537.9	612.4	37.25	566.70
12.0	49.49	99.0	543.7	636.9	46.59	566.81
16.0	49.49	99.0	544.6	642.7	49.07	566.83
20.0	49.49	99.0	544.7	643.5	49.43	566.84
24.0	49.49	99.0	544.7	643.7	49.48	566.84
28.0	0.00	49.5	533.4	594.2	30.38	566.61
32.0	0.00	0.0	512.4	533.4	10.50	566.29
36.0	0.00	0.0	502.7	512.4	4.86	566.17
40.0	0.00	0.0	496.6	502.7	3.05	566.11
44.0	0.00	0.0	492.8	496.6	1.91	566.07
48.0	0.00	0.0	490.4	492.8	1.20	566.04
52.0	0.00	0.0	488.9	490.4	0.75	566.03
56.0	0.00	0.0	487.9	488.9	0.47	566.02
60.0	0.00	0.0	487.4	487.9	0.30	566.01
64.0	0.00	0.0	487.0	487.4	0.19	566.01
68.0	0.00	0.0	486.8	487.0	0.12	566.00
72.0	0.00	0.0	486.6	486.8	0.07	566.00
76.0	0.00	0.0	486.5	486.6	0.05	566.00
80.0	0.00	0.0	486.5	486.5	0.03	566.00
84.0	0.00	0.0	486.4	486.5	0.02	566.00
88.0	0.00	0.0	486.4	486.4	0.01	566.00
92.0	0.00	0.0	486.4	486.4	0.01	566.00
96.0	0.00	0.0	486.4	486.4	0.00	566.00
100.0	0.00	0.0	486.4	486.4	0.00	566.00
104.0	0.00	0.0	486.4	486.4	0.00	566.00
108.0	0.00	0.0	486.4	486.4	0.00	566.00
112.0	0.00	0.0	486.4	486.4	0.00	566.00
116.0	0.00	0.0	486.4	486.4	0.00	566.00
120.0	0.00	0.0	486.4	486.4	0.00	566.00
124.0	0.00	0.0	486.4	486.4	0.00	566.00
128.0	0.00	0.0	486.4	486.4	0.00	566.00
132.0	0.00	0.0	486.4	486.4	0.00	566.00
136.0	0.00	0.0	486.4	486.4	0.00	566.00
140.0	0.00	0.0	486.4	486.4	0.00	566.00
144.0	0.00	0.0	486.4	486.4	0.00	566.00
148.0	0.00	0.0	486.4	486.4	0.00	566.00
152.0	0.00	0.0	486.4	486.4	0.00	566.00
156.0	0.00	0.0	486.4	486.4	0.00	566.00
160.0	0.00	0.0	486.4	486.4	0.00	566.00
164.0	0.00	0.0	486.4	486.4	0.00	566.00
168.0	0.00	0.0	486.4	486.4	0.00	566.00
172.0	0.00	0.0	486.4	486.4	0.00	566.00
176.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL325 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
180.0	0.00	0.0	486.4	486.4	0.00	566.00
184.0	0.00	0.0	486.4	486.4	0.00	566.00
188.0	0.00	0.0	486.4	486.4	0.00	566.00
192.0	0.00	0.0	486.4	486.4	0.00	566.00
196.0	0.00	0.0	486.4	486.4	0.00	566.00
200.0	0.00	0.0	486.4	486.4	0.00	566.00
204.0	0.00	0.0	486.4	486.4	0.00	566.00
208.0	0.00	0.0	486.4	486.4	0.00	566.00
212.0	0.00	0.0	486.4	486.4	0.00	566.00
216.0	0.00	0.0	486.4	486.4	0.00	566.00
220.0	0.00	0.0	486.4	486.4	0.00	566.00
224.0	0.00	0.0	486.4	486.4	0.00	566.00
228.0	0.00	0.0	486.4	486.4	0.00	566.00
232.0	0.00	0.0	486.4	486.4	0.00	566.00
236.0	0.00	0.0	486.4	486.4	0.00	566.00
240.0	0.00	0.0	486.4	486.4	0.00	566.00
244.0	0.00	0.0	486.4	486.4	0.00	566.00
248.0	0.00	0.0	486.4	486.4	0.00	566.00
252.0	0.00	0.0	486.4	486.4	0.00	566.00
256.0	0.00	0.0	486.4	486.4	0.00	566.00
260.0	0.00	0.0	486.4	486.4	0.00	566.00
264.0	0.00	0.0	486.4	486.4	0.00	566.00
268.0	0.00	0.0	486.4	486.4	0.00	566.00
272.0	0.00	0.0	486.4	486.4	0.00	566.00
276.0	0.00	0.0	486.4	486.4	0.00	566.00
280.0	0.00	0.0	486.4	486.4	0.00	566.00
284.0	0.00	0.0	486.4	486.4	0.00	566.00
288.0	0.00	0.0	486.4	486.4	0.00	566.00
292.0	0.00	0.0	486.4	486.4	0.00	566.00
296.0	0.00	0.0	486.4	486.4	0.00	566.00
300.0	0.00	0.0	486.4	486.4	0.00	566.00
304.0	0.00	0.0	486.4	486.4	0.00	566.00
308.0	0.00	0.0	486.4	486.4	0.00	566.00
312.0	0.00	0.0	486.4	486.4	0.00	566.00
316.0	0.00	0.0	486.4	486.4	0.00	566.00
320.0	0.00	0.0	486.4	486.4	0.00	566.00
324.0	0.00	0.0	486.4	486.4	0.00	566.00
328.0	0.00	0.0	486.4	486.4	0.00	566.00
332.0	0.00	0.0	486.4	486.4	0.00	566.00
336.0	0.00	0.0	486.4	486.4	0.00	566.00
340.0	0.00	0.0	486.4	486.4	0.00	566.00
344.0	0.00	0.0	486.4	486.4	0.00	566.00
348.0	0.00	0.0	486.4	486.4	0.00	566.00
352.0	0.00	0.0	486.4	486.4	0.00	566.00
356.0	0.00	0.0	486.4	486.4	0.00	566.00
360.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL325 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
364.0	0.00	0.0	486.4	486.4	0.00	566.00
368.0	0.00	0.0	486.4	486.4	0.00	566.00
372.0	0.00	0.0	486.4	486.4	0.00	566.00
376.0	0.00	0.0	486.4	486.4	0.00	566.00
380.0	0.00	0.0	486.4	486.4	0.00	566.00
384.0	0.00	0.0	486.4	486.4	0.00	566.00
388.0	0.00	0.0	486.4	486.4	0.00	566.00
392.0	0.00	0.0	486.4	486.4	0.00	566.00
396.0	0.00	0.0	486.4	486.4	0.00	566.00
400.0	0.00	0.0	486.4	486.4	0.00	566.00
404.0	0.00	0.0	486.4	486.4	0.00	566.00
408.0	0.00	0.0	486.4	486.4	0.00	566.00
412.0	0.00	0.0	486.4	486.4	0.00	566.00
416.0	0.00	0.0	486.4	486.4	0.00	566.00
420.0	0.00	0.0	486.4	486.4	0.00	566.00
424.0	0.00	0.0	486.4	486.4	0.00	566.00
428.0	0.00	0.0	486.4	486.4	0.00	566.00
432.0	0.00	0.0	486.4	486.4	0.00	566.00
436.0	0.00	0.0	486.4	486.4	0.00	566.00
440.0	0.00	0.0	486.4	486.4	0.00	566.00
444.0	0.00	0.0	486.4	486.4	0.00	566.00
448.0	0.00	0.0	486.4	486.4	0.00	566.00
452.0	0.00	0.0	486.4	486.4	0.00	566.00
456.0	0.00	0.0	486.4	486.4	0.00	566.00
460.0	0.00	0.0	486.4	486.4	0.00	566.00
464.0	0.00	0.0	486.4	486.4	0.00	566.00
468.0	0.00	0.0	486.4	486.4	0.00	566.00
472.0	0.00	0.0	486.4	486.4	0.00	566.00
476.0	0.00	0.0	486.4	486.4	0.00	566.00
480.0	0.00	0.0	486.4	486.4	0.00	566.00
484.0	0.00	0.0	486.4	486.4	0.00	566.00
488.0	0.00	0.0	486.4	486.4	0.00	566.00
492.0	0.00	0.0	486.4	486.4	0.00	566.00
496.0	0.00	0.0	486.4	486.4	0.00	566.00
500.0	0.00	0.0	486.4	486.4	0.00	566.00
504.0	0.00	0.0	486.4	486.4	0.00	566.00
508.0	0.00	0.0	486.4	486.4	0.00	566.00
512.0	0.00	0.0	486.4	486.4	0.00	566.00
516.0	0.00	0.0	486.4	486.4	0.00	566.00
520.0	0.00	0.0	486.4	486.4	0.00	566.00
524.0	0.00	0.0	486.4	486.4	0.00	566.00
528.0	0.00	0.0	486.4	486.4	0.00	566.00
532.0	0.00	0.0	486.4	486.4	0.00	566.00
536.0	0.00	0.0	486.4	486.4	0.00	566.00
540.0	0.00	0.0	486.4	486.4	0.00	566.00
544.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASN3 .HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL325 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
548.0	0.00	0.0	486.4	486.4	0.00	566.00
552.0	0.00	0.0	486.4	486.4	0.00	566.00
556.0	0.00	0.0	486.4	486.4	0.00	566.00
560.0	0.00	0.0	486.4	486.4	0.00	566.00
564.0	0.00	0.0	486.4	486.4	0.00	566.00
568.0	0.00	0.0	486.4	486.4	0.00	566.00
572.0	0.00	0.0	486.4	486.4	0.00	566.00
576.0	0.00	0.0	486.4	486.4	0.00	566.00
580.0	0.00	0.0	486.4	486.4	0.00	566.00
584.0	0.00	0.0	486.4	486.4	0.00	566.00
588.0	0.00	0.0	486.4	486.4	0.00	566.00
592.0	0.00	0.0	486.4	486.4	0.00	566.00
596.0	0.00	0.0	486.4	486.4	0.00	566.00
600.0	0.00	0.0	486.4	486.4	0.00	566.00
604.0	0.00	0.0	486.4	486.4	0.00	566.00
608.0	0.00	0.0	486.4	486.4	0.00	566.00
612.0	0.00	0.0	486.4	486.4	0.00	566.00
616.0	0.00	0.0	486.4	486.4	0.00	566.00
620.0	0.00	0.0	486.4	486.4	0.00	566.00
624.0	0.00	0.0	486.4	486.4	0.00	566.00
628.0	0.00	0.0	486.4	486.4	0.00	566.00
632.0	0.00	0.0	486.4	486.4	0.00	566.00
636.0	0.00	0.0	486.4	486.4	0.00	566.00
640.0	0.00	0.0	486.4	486.4	0.00	566.00
644.0	0.00	0.0	486.4	486.4	0.00	566.00
648.0	0.00	0.0	486.4	486.4	0.00	566.00
652.0	0.00	0.0	486.4	486.4	0.00	566.00
656.0	0.00	0.0	486.4	486.4	0.00	566.00
660.0	0.00	0.0	486.4	486.4	0.00	566.00
664.0	0.00	0.0	486.4	486.4	0.00	566.00
668.0	0.00	0.0	486.4	486.4	0.00	566.00
672.0	0.00	0.0	486.4	486.4	0.00	566.00
676.0	0.00	0.0	486.4	486.4	0.00	566.00
680.0	0.00	0.0	486.4	486.4	0.00	566.00
684.0	0.00	0.0	486.4	486.4	0.00	566.00
688.0	0.00	0.0	486.4	486.4	0.00	566.00
692.0	0.00	0.0	486.4	486.4	0.00	566.00
696.0	0.00	0.0	486.4	486.4	0.00	566.00
700.0	0.00	0.0	486.4	486.4	0.00	566.00
704.0	0.00	0.0	486.4	486.4	0.00	566.00
708.0	0.00	0.0	486.4	486.4	0.00	566.00
712.0	0.00	0.0	486.4	486.4	0.00	566.00
716.0	0.00	0.0	486.4	486.4	0.00	566.00
720.0	0.00	0.0	486.4	486.4	0.00	566.00
724.0	0.00	0.0	486.4	486.4	0.00	566.00
728.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL325.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
732.0	0.00	0.0	486.4	486.4	0.00	566.00
736.0	0.00	0.0	486.4	486.4	0.00	566.00
740.0	0.00	0.0	486.4	486.4	0.00	566.00
744.0	0.00	0.0	486.4	486.4	0.00	566.00
748.0	0.00	0.0	486.4	486.4	0.00	566.00
752.0	0.00	0.0	486.4	486.4	0.00	566.00
756.0	0.00	0.0	486.4	486.4	0.00	566.00
760.0	0.00	0.0	486.4	486.4	0.00	566.00
764.0	0.00	0.0	486.4	486.4	0.00	566.00
768.0	0.00	0.0	486.4	486.4	0.00	566.00
772.0	0.00	0.0	486.4	486.4	0.00	566.00
776.0	0.00	0.0	486.4	486.4	0.00	566.00
780.0	0.00	0.0	486.4	486.4	0.00	566.00
784.0	0.00	0.0	486.4	486.4	0.00	566.00
788.0	0.00	0.0	486.4	486.4	0.00	566.00
792.0	0.00	0.0	486.4	486.4	0.00	566.00
796.0	0.00	0.0	486.4	486.4	0.00	566.00
800.0	0.00	0.0	486.4	486.4	0.00	566.00
804.0	0.00	0.0	486.4	486.4	0.00	566.00
808.0	0.00	0.0	486.4	486.4	0.00	566.00
812.0	0.00	0.0	486.4	486.4	0.00	566.00
816.0	0.00	0.0	486.4	486.4	0.00	566.00
820.0	0.00	0.0	486.4	486.4	0.00	566.00
824.0	0.00	0.0	486.4	486.4	0.00	566.00
828.0	0.00	0.0	486.4	486.4	0.00	566.00
832.0	0.00	0.0	486.4	486.4	0.00	566.00
836.0	0.00	0.0	486.4	486.4	0.00	566.00
840.0	0.00	0.0	486.4	486.4	0.00	566.00
844.0	0.00	0.0	486.4	486.4	0.00	566.00
848.0	0.00	0.0	486.4	486.4	0.00	566.00
852.0	0.00	0.0	486.4	486.4	0.00	566.00
856.0	0.00	0.0	486.4	486.4	0.00	566.00
860.0	0.00	0.0	486.4	486.4	0.00	566.00
864.0	0.00	0.0	486.4	486.4	0.00	566.00
868.0	0.00	0.0	486.4	486.4	0.00	566.00
872.0	0.00	0.0	486.4	486.4	0.00	566.00
876.0	0.00	0.0	486.4	486.4	0.00	566.00
880.0	0.00	0.0	486.4	486.4	0.00	566.00
884.0	0.00	0.0	486.4	486.4	0.00	566.00
888.0	0.00	0.0	486.4	486.4	0.00	566.00
892.0	0.00	0.0	486.4	486.4	0.00	566.00
896.0	0.00	0.0	486.4	486.4	0.00	566.00
900.0	0.00	0.0	486.4	486.4	0.00	566.00
904.0	0.00	0.0	486.4	486.4	0.00	566.00
908.0	0.00	0.0	486.4	486.4	0.00	566.00
912.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASIN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL325.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
916.0	0.00	0.0	486.4	486.4	0.00	566.00
920.0	0.00	0.0	486.4	486.4	0.00	566.00
924.0	0.00	0.0	486.4	486.4	0.00	566.00
928.0	0.00	0.0	486.4	486.4	0.00	566.00
932.0	0.00	0.0	486.4	486.4	0.00	566.00
936.0	0.00	0.0	486.4	486.4	0.00	566.00
940.0	0.00	0.0	486.4	486.4	0.00	566.00
944.0	0.00	0.0	486.4	486.4	0.00	566.00
948.0	0.00	0.0	486.4	486.4	0.00	566.00
952.0	0.00	0.0	486.4	486.4	0.00	566.00
956.0	0.00	0.0	486.4	486.4	0.00	566.00
960.0	0.00	0.0	486.4	486.4	0.00	566.00
964.0	0.00	0.0	486.4	486.4	0.00	566.00
968.0	0.00	0.0	486.4	486.4	0.00	566.00
972.0	0.00	0.0	486.4	486.4	0.00	566.00
976.0	0.00	0.0	486.4	486.4	0.00	566.00
980.0	0.00	0.0	486.4	486.4	0.00	566.00
984.0	0.00	0.0	486.4	486.4	0.00	566.00
988.0	0.00	0.0	486.4	486.4	0.00	566.00
992.0	0.00	0.0	486.4	486.4	0.00	566.00
996.0	0.00	0.0	486.4	486.4	0.00	566.00
1000.0	0.00	0.0	486.4	486.4	0.00	566.00
1004.0	0.00	0.0	486.4	486.4	0.00	566.00
1008.0	0.00	0.0	486.4	486.4	0.00	566.00
1012.0	0.00	0.0	486.4	486.4	0.00	566.00
1016.0	0.00	0.0	486.4	486.4	0.00	566.00
1020.0	0.00	0.0	486.4	486.4	0.00	566.00
1024.0	0.00	0.0	486.4	486.4	0.00	566.00
1028.0	0.00	0.0	486.4	486.4	0.00	566.00
1032.0	0.00	0.0	486.4	486.4	0.00	566.00
1036.0	0.00	0.0	486.4	486.4	0.00	566.00
1040.0	0.00	0.0	486.4	486.4	0.00	566.00
1044.0	0.00	0.0	486.4	486.4	0.00	566.00
1048.0	0.00	0.0	486.4	486.4	0.00	566.00
1052.0	0.00	0.0	486.4	486.4	0.00	566.00
1056.0	0.00	0.0	486.4	486.4	0.00	566.00
1060.0	0.00	0.0	486.4	486.4	0.00	566.00
1064.0	0.00	0.0	486.4	486.4	0.00	566.00
1068.0	0.00	0.0	486.4	486.4	0.00	566.00
1072.0	0.00	0.0	486.4	486.4	0.00	566.00
1076.0	0.00	0.0	486.4	486.4	0.00	566.00
1080.0	0.00	0.0	486.4	486.4	0.00	566.00
1084.0	0.00	0.0	486.4	486.4	0.00	566.00
1088.0	0.00	0.0	486.4	486.4	0.00	566.00
1092.0	0.00	0.0	486.4	486.4	0.00	566.00
1096.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\25BASN3 .HYD
 (flow Hydrograph: j:\DATA\0306147\BABL325 .HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
1100.0	0.00	0.0	486.4	486.4	0.00	566.00
1104.0	0.00	0.0	486.4	486.4	0.00	566.00
1108.0	0.00	0.0	486.4	486.4	0.00	566.00
1112.0	0.00	0.0	486.4	486.4	0.00	566.00
1116.0	0.00	0.0	486.4	486.4	0.00	566.00
1120.0	0.00	0.0	486.4	486.4	0.00	566.00
1124.0	0.00	0.0	486.4	486.4	0.00	566.00
1128.0	0.00	0.0	486.4	486.4	0.00	566.00
1132.0	0.00	0.0	486.4	486.4	0.00	566.00
1136.0	0.00	0.0	486.4	486.4	0.00	566.00
1140.0	0.00	0.0	486.4	486.4	0.00	566.00
1144.0	0.00	0.0	486.4	486.4	0.00	566.00
1148.0	0.00	0.0	486.4	486.4	0.00	566.00
1152.0	0.00	0.0	486.4	486.4	0.00	566.00
1156.0	0.00	0.0	486.4	486.4	0.00	566.00
1160.0	0.00	0.0	486.4	486.4	0.00	566.00
1164.0	0.00	0.0	486.4	486.4	0.00	566.00
1168.0	0.00	0.0	486.4	486.4	0.00	566.00
1172.0	0.00	0.0	486.4	486.4	0.00	566.00
1176.0	0.00	0.0	486.4	486.4	0.00	566.00
1180.0	0.00	0.0	486.4	486.4	0.00	566.00
1184.0	0.00	0.0	486.4	486.4	0.00	566.00
1188.0	0.00	0.0	486.4	486.4	0.00	566.00
1192.0	0.00	0.0	486.4	486.4	0.00	566.00
1196.0	0.00	0.0	486.4	486.4	0.00	566.00
1200.0	0.00	0.0	486.4	486.4	0.00	566.00
1204.0	0.00	0.0	486.4	486.4	0.00	566.00
1208.0	0.00	0.0	486.4	486.4	0.00	566.00
1212.0	0.00	0.0	486.4	486.4	0.00	566.00

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN3BL.PND
Inflow Hydrograph: j:\DATA\0306147\25BASN3 .HYD
Outflow Hydrograph: j:\DATA\0306147\BABL325 .HYD

Starting Pond W.S. Elevation = 566.00 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow	=	49.49 cfs
Peak Outflow	=	49.48 cfs
Peak Elevation	=	566.84 ft

***** Summary of Approximate Peak Storage *****

Initial Storage	=	58,364 cu-ft
Peak Storage From Storm	=	12,938 cu-ft

Total Storage in Pond	=	71,302 cu-ft

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*****
*
*          FOX HAVEN          *
*  DETENTION ANALYSIS      *
*  DETENTION BASIN #3     *
*   BLOCKED LOW FLOW      *
*
*****
  
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Inflow Hydrograph: j:\DATA\0306147\100BASN3.HYD
 Rating Table file: j:\DATA\0306147\BASIN3BL.PND

----INITIAL CONDITIONS----
 Elevation = 566.00 ft
 Outflow = 0.00 cfs
 Storage = 58,364 cu-ft

GIVEN POND DATA			INTERMEDIATE ROUTING COMPUTATIONS	
ELEVATION (ft)	OUTFLOW (cfs)	STORAGE (cu-ft)	2S/t (cfs)	2S/t + 0 (cfs)
566.00	0.0	58,364	486.4	486.4
566.20	5.7	61,346	511.2	516.9
566.40	16.1	64,393	536.6	552.7
566.60	29.6	67,503	562.5	592.1
566.80	45.6	70,679	589.0	634.6
567.00	65.8	73,921	616.0	681.8
567.20	77.9	77,230	643.6	721.5
567.40	88.3	80,606	671.7	760.0
567.60	97.6	84,049	700.4	798.0
567.80	106.1	87,562	729.7	835.8
568.00	114.0	91,144	759.5	873.5

Time increment (t) = 4.0 min.

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL3100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
0.0	0.00	-----	486.4	486.4	0.00	566.00
4.0	63.30	63.3	519.2	549.7	15.22	566.38
8.0	63.30	126.6	545.0	645.8	50.41	566.85
12.0	63.30	126.6	548.7	671.6	61.44	566.96
16.0	63.30	126.6	549.3	675.3	63.03	566.97
20.0	63.30	126.6	549.4	675.9	63.26	566.97
24.0	63.30	126.6	549.4	676.0	63.29	566.98
28.0	0.00	63.3	538.0	612.7	37.34	566.70
32.0	0.00	0.0	514.3	538.0	11.82	566.32
36.0	0.00	0.0	503.9	514.3	5.22	566.18
40.0	0.00	0.0	497.4	503.9	3.27	566.11
44.0	0.00	0.0	493.3	497.4	2.05	566.07
48.0	0.00	0.0	490.7	493.3	1.29	566.05
52.0	0.00	0.0	489.1	490.7	0.81	566.03
56.0	0.00	0.0	488.1	489.1	0.51	566.02
60.0	0.00	0.0	487.4	488.1	0.32	566.01
64.0	0.00	0.0	487.0	487.4	0.20	566.01
68.0	0.00	0.0	486.8	487.0	0.12	566.00
72.0	0.00	0.0	486.6	486.8	0.08	566.00
76.0	0.00	0.0	486.5	486.6	0.05	566.00
80.0	0.00	0.0	486.5	486.5	0.03	566.00
84.0	0.00	0.0	486.4	486.5	0.02	566.00
88.0	0.00	0.0	486.4	486.4	0.01	566.00
92.0	0.00	0.0	486.4	486.4	0.01	566.00
96.0	0.00	0.0	486.4	486.4	0.00	566.00
100.0	0.00	0.0	486.4	486.4	0.00	566.00
104.0	0.00	0.0	486.4	486.4	0.00	566.00
108.0	0.00	0.0	486.4	486.4	0.00	566.00
112.0	0.00	0.0	486.4	486.4	0.00	566.00
116.0	0.00	0.0	486.4	486.4	0.00	566.00
120.0	0.00	0.0	486.4	486.4	0.00	566.00
124.0	0.00	0.0	486.4	486.4	0.00	566.00
128.0	0.00	0.0	486.4	486.4	0.00	566.00
132.0	0.00	0.0	486.4	486.4	0.00	566.00
136.0	0.00	0.0	486.4	486.4	0.00	566.00
140.0	0.00	0.0	486.4	486.4	0.00	566.00
144.0	0.00	0.0	486.4	486.4	0.00	566.00
148.0	0.00	0.0	486.4	486.4	0.00	566.00
152.0	0.00	0.0	486.4	486.4	0.00	566.00
156.0	0.00	0.0	486.4	486.4	0.00	566.00
160.0	0.00	0.0	486.4	486.4	0.00	566.00
164.0	0.00	0.0	486.4	486.4	0.00	566.00
168.0	0.00	0.0	486.4	486.4	0.00	566.00
172.0	0.00	0.0	486.4	486.4	0.00	566.00
176.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL3100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
180.0	0.00	0.0	486.4	486.4	0.00	566.00
184.0	0.00	0.0	486.4	486.4	0.00	566.00
188.0	0.00	0.0	486.4	486.4	0.00	566.00
192.0	0.00	0.0	486.4	486.4	0.00	566.00
196.0	0.00	0.0	486.4	486.4	0.00	566.00
200.0	0.00	0.0	486.4	486.4	0.00	566.00
204.0	0.00	0.0	486.4	486.4	0.00	566.00
208.0	0.00	0.0	486.4	486.4	0.00	566.00
212.0	0.00	0.0	486.4	486.4	0.00	566.00
216.0	0.00	0.0	486.4	486.4	0.00	566.00
220.0	0.00	0.0	486.4	486.4	0.00	566.00
224.0	0.00	0.0	486.4	486.4	0.00	566.00
228.0	0.00	0.0	486.4	486.4	0.00	566.00
232.0	0.00	0.0	486.4	486.4	0.00	566.00
236.0	0.00	0.0	486.4	486.4	0.00	566.00
240.0	0.00	0.0	486.4	486.4	0.00	566.00
244.0	0.00	0.0	486.4	486.4	0.00	566.00
248.0	0.00	0.0	486.4	486.4	0.00	566.00
252.0	0.00	0.0	486.4	486.4	0.00	566.00
256.0	0.00	0.0	486.4	486.4	0.00	566.00
260.0	0.00	0.0	486.4	486.4	0.00	566.00
264.0	0.00	0.0	486.4	486.4	0.00	566.00
268.0	0.00	0.0	486.4	486.4	0.00	566.00
272.0	0.00	0.0	486.4	486.4	0.00	566.00
276.0	0.00	0.0	486.4	486.4	0.00	566.00
280.0	0.00	0.0	486.4	486.4	0.00	566.00
284.0	0.00	0.0	486.4	486.4	0.00	566.00
288.0	0.00	0.0	486.4	486.4	0.00	566.00
292.0	0.00	0.0	486.4	486.4	0.00	566.00
296.0	0.00	0.0	486.4	486.4	0.00	566.00
300.0	0.00	0.0	486.4	486.4	0.00	566.00
304.0	0.00	0.0	486.4	486.4	0.00	566.00
308.0	0.00	0.0	486.4	486.4	0.00	566.00
312.0	0.00	0.0	486.4	486.4	0.00	566.00
316.0	0.00	0.0	486.4	486.4	0.00	566.00
320.0	0.00	0.0	486.4	486.4	0.00	566.00
324.0	0.00	0.0	486.4	486.4	0.00	566.00
328.0	0.00	0.0	486.4	486.4	0.00	566.00
332.0	0.00	0.0	486.4	486.4	0.00	566.00
336.0	0.00	0.0	486.4	486.4	0.00	566.00
340.0	0.00	0.0	486.4	486.4	0.00	566.00
344.0	0.00	0.0	486.4	486.4	0.00	566.00
348.0	0.00	0.0	486.4	486.4	0.00	566.00
352.0	0.00	0.0	486.4	486.4	0.00	566.00
356.0	0.00	0.0	486.4	486.4	0.00	566.00
360.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL3100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
364.0	0.00	0.0	486.4	486.4	0.00	566.00
368.0	0.00	0.0	486.4	486.4	0.00	566.00
372.0	0.00	0.0	486.4	486.4	0.00	566.00
376.0	0.00	0.0	486.4	486.4	0.00	566.00
380.0	0.00	0.0	486.4	486.4	0.00	566.00
384.0	0.00	0.0	486.4	486.4	0.00	566.00
388.0	0.00	0.0	486.4	486.4	0.00	566.00
392.0	0.00	0.0	486.4	486.4	0.00	566.00
396.0	0.00	0.0	486.4	486.4	0.00	566.00
400.0	0.00	0.0	486.4	486.4	0.00	566.00
404.0	0.00	0.0	486.4	486.4	0.00	566.00
408.0	0.00	0.0	486.4	486.4	0.00	566.00
412.0	0.00	0.0	486.4	486.4	0.00	566.00
416.0	0.00	0.0	486.4	486.4	0.00	566.00
420.0	0.00	0.0	486.4	486.4	0.00	566.00
424.0	0.00	0.0	486.4	486.4	0.00	566.00
428.0	0.00	0.0	486.4	486.4	0.00	566.00
432.0	0.00	0.0	486.4	486.4	0.00	566.00
436.0	0.00	0.0	486.4	486.4	0.00	566.00
440.0	0.00	0.0	486.4	486.4	0.00	566.00
444.0	0.00	0.0	486.4	486.4	0.00	566.00
448.0	0.00	0.0	486.4	486.4	0.00	566.00
452.0	0.00	0.0	486.4	486.4	0.00	566.00
456.0	0.00	0.0	486.4	486.4	0.00	566.00
460.0	0.00	0.0	486.4	486.4	0.00	566.00
464.0	0.00	0.0	486.4	486.4	0.00	566.00
468.0	0.00	0.0	486.4	486.4	0.00	566.00
472.0	0.00	0.0	486.4	486.4	0.00	566.00
476.0	0.00	0.0	486.4	486.4	0.00	566.00
480.0	0.00	0.0	486.4	486.4	0.00	566.00
484.0	0.00	0.0	486.4	486.4	0.00	566.00
488.0	0.00	0.0	486.4	486.4	0.00	566.00
492.0	0.00	0.0	486.4	486.4	0.00	566.00
496.0	0.00	0.0	486.4	486.4	0.00	566.00
500.0	0.00	0.0	486.4	486.4	0.00	566.00
504.0	0.00	0.0	486.4	486.4	0.00	566.00
508.0	0.00	0.0	486.4	486.4	0.00	566.00
512.0	0.00	0.0	486.4	486.4	0.00	566.00
516.0	0.00	0.0	486.4	486.4	0.00	566.00
520.0	0.00	0.0	486.4	486.4	0.00	566.00
524.0	0.00	0.0	486.4	486.4	0.00	566.00
528.0	0.00	0.0	486.4	486.4	0.00	566.00
532.0	0.00	0.0	486.4	486.4	0.00	566.00
536.0	0.00	0.0	486.4	486.4	0.00	566.00
540.0	0.00	0.0	486.4	486.4	0.00	566.00
544.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASN3.HYD
 .flow Hydrograph: j:\DATA\0306147\BABL3100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
548.0	0.00	0.0	486.4	486.4	0.00	566.00
552.0	0.00	0.0	486.4	486.4	0.00	566.00
556.0	0.00	0.0	486.4	486.4	0.00	566.00
560.0	0.00	0.0	486.4	486.4	0.00	566.00
564.0	0.00	0.0	486.4	486.4	0.00	566.00
568.0	0.00	0.0	486.4	486.4	0.00	566.00
572.0	0.00	0.0	486.4	486.4	0.00	566.00
576.0	0.00	0.0	486.4	486.4	0.00	566.00
580.0	0.00	0.0	486.4	486.4	0.00	566.00
584.0	0.00	0.0	486.4	486.4	0.00	566.00
588.0	0.00	0.0	486.4	486.4	0.00	566.00
592.0	0.00	0.0	486.4	486.4	0.00	566.00
596.0	0.00	0.0	486.4	486.4	0.00	566.00
600.0	0.00	0.0	486.4	486.4	0.00	566.00
604.0	0.00	0.0	486.4	486.4	0.00	566.00
608.0	0.00	0.0	486.4	486.4	0.00	566.00
612.0	0.00	0.0	486.4	486.4	0.00	566.00
616.0	0.00	0.0	486.4	486.4	0.00	566.00
620.0	0.00	0.0	486.4	486.4	0.00	566.00
624.0	0.00	0.0	486.4	486.4	0.00	566.00
628.0	0.00	0.0	486.4	486.4	0.00	566.00
632.0	0.00	0.0	486.4	486.4	0.00	566.00
636.0	0.00	0.0	486.4	486.4	0.00	566.00
640.0	0.00	0.0	486.4	486.4	0.00	566.00
644.0	0.00	0.0	486.4	486.4	0.00	566.00
648.0	0.00	0.0	486.4	486.4	0.00	566.00
652.0	0.00	0.0	486.4	486.4	0.00	566.00
656.0	0.00	0.0	486.4	486.4	0.00	566.00
660.0	0.00	0.0	486.4	486.4	0.00	566.00
664.0	0.00	0.0	486.4	486.4	0.00	566.00
668.0	0.00	0.0	486.4	486.4	0.00	566.00
672.0	0.00	0.0	486.4	486.4	0.00	566.00
676.0	0.00	0.0	486.4	486.4	0.00	566.00
680.0	0.00	0.0	486.4	486.4	0.00	566.00
684.0	0.00	0.0	486.4	486.4	0.00	566.00
688.0	0.00	0.0	486.4	486.4	0.00	566.00
692.0	0.00	0.0	486.4	486.4	0.00	566.00
696.0	0.00	0.0	486.4	486.4	0.00	566.00
700.0	0.00	0.0	486.4	486.4	0.00	566.00
704.0	0.00	0.0	486.4	486.4	0.00	566.00
708.0	0.00	0.0	486.4	486.4	0.00	566.00
712.0	0.00	0.0	486.4	486.4	0.00	566.00
716.0	0.00	0.0	486.4	486.4	0.00	566.00
720.0	0.00	0.0	486.4	486.4	0.00	566.00
724.0	0.00	0.0	486.4	486.4	0.00	566.00
728.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL3100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
732.0	0.00	0.0	486.4	486.4	0.00	566.00
736.0	0.00	0.0	486.4	486.4	0.00	566.00
740.0	0.00	0.0	486.4	486.4	0.00	566.00
744.0	0.00	0.0	486.4	486.4	0.00	566.00
748.0	0.00	0.0	486.4	486.4	0.00	566.00
752.0	0.00	0.0	486.4	486.4	0.00	566.00
756.0	0.00	0.0	486.4	486.4	0.00	566.00
760.0	0.00	0.0	486.4	486.4	0.00	566.00
764.0	0.00	0.0	486.4	486.4	0.00	566.00
768.0	0.00	0.0	486.4	486.4	0.00	566.00
772.0	0.00	0.0	486.4	486.4	0.00	566.00
776.0	0.00	0.0	486.4	486.4	0.00	566.00
780.0	0.00	0.0	486.4	486.4	0.00	566.00
784.0	0.00	0.0	486.4	486.4	0.00	566.00
788.0	0.00	0.0	486.4	486.4	0.00	566.00
792.0	0.00	0.0	486.4	486.4	0.00	566.00
796.0	0.00	0.0	486.4	486.4	0.00	566.00
800.0	0.00	0.0	486.4	486.4	0.00	566.00
804.0	0.00	0.0	486.4	486.4	0.00	566.00
808.0	0.00	0.0	486.4	486.4	0.00	566.00
812.0	0.00	0.0	486.4	486.4	0.00	566.00
816.0	0.00	0.0	486.4	486.4	0.00	566.00
820.0	0.00	0.0	486.4	486.4	0.00	566.00
824.0	0.00	0.0	486.4	486.4	0.00	566.00
828.0	0.00	0.0	486.4	486.4	0.00	566.00
832.0	0.00	0.0	486.4	486.4	0.00	566.00
836.0	0.00	0.0	486.4	486.4	0.00	566.00
840.0	0.00	0.0	486.4	486.4	0.00	566.00
844.0	0.00	0.0	486.4	486.4	0.00	566.00
848.0	0.00	0.0	486.4	486.4	0.00	566.00
852.0	0.00	0.0	486.4	486.4	0.00	566.00
856.0	0.00	0.0	486.4	486.4	0.00	566.00
860.0	0.00	0.0	486.4	486.4	0.00	566.00
864.0	0.00	0.0	486.4	486.4	0.00	566.00
868.0	0.00	0.0	486.4	486.4	0.00	566.00
872.0	0.00	0.0	486.4	486.4	0.00	566.00
876.0	0.00	0.0	486.4	486.4	0.00	566.00
880.0	0.00	0.0	486.4	486.4	0.00	566.00
884.0	0.00	0.0	486.4	486.4	0.00	566.00
888.0	0.00	0.0	486.4	486.4	0.00	566.00
892.0	0.00	0.0	486.4	486.4	0.00	566.00
896.0	0.00	0.0	486.4	486.4	0.00	566.00
900.0	0.00	0.0	486.4	486.4	0.00	566.00
904.0	0.00	0.0	486.4	486.4	0.00	566.00
908.0	0.00	0.0	486.4	486.4	0.00	566.00
912.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASN3.HYD
 Outflow Hydrograph: j:\DATA\0306147\BABL3100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - 0 (cfs)	2S/t + 0 (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
916.0	0.00	0.0	486.4	486.4	0.00	566.00
920.0	0.00	0.0	486.4	486.4	0.00	566.00
924.0	0.00	0.0	486.4	486.4	0.00	566.00
928.0	0.00	0.0	486.4	486.4	0.00	566.00
932.0	0.00	0.0	486.4	486.4	0.00	566.00
936.0	0.00	0.0	486.4	486.4	0.00	566.00
940.0	0.00	0.0	486.4	486.4	0.00	566.00
944.0	0.00	0.0	486.4	486.4	0.00	566.00
948.0	0.00	0.0	486.4	486.4	0.00	566.00
952.0	0.00	0.0	486.4	486.4	0.00	566.00
956.0	0.00	0.0	486.4	486.4	0.00	566.00
960.0	0.00	0.0	486.4	486.4	0.00	566.00
964.0	0.00	0.0	486.4	486.4	0.00	566.00
968.0	0.00	0.0	486.4	486.4	0.00	566.00
972.0	0.00	0.0	486.4	486.4	0.00	566.00
976.0	0.00	0.0	486.4	486.4	0.00	566.00
980.0	0.00	0.0	486.4	486.4	0.00	566.00
984.0	0.00	0.0	486.4	486.4	0.00	566.00
988.0	0.00	0.0	486.4	486.4	0.00	566.00
992.0	0.00	0.0	486.4	486.4	0.00	566.00
996.0	0.00	0.0	486.4	486.4	0.00	566.00
1000.0	0.00	0.0	486.4	486.4	0.00	566.00
1004.0	0.00	0.0	486.4	486.4	0.00	566.00
1008.0	0.00	0.0	486.4	486.4	0.00	566.00
1012.0	0.00	0.0	486.4	486.4	0.00	566.00
1016.0	0.00	0.0	486.4	486.4	0.00	566.00
1020.0	0.00	0.0	486.4	486.4	0.00	566.00
1024.0	0.00	0.0	486.4	486.4	0.00	566.00
1028.0	0.00	0.0	486.4	486.4	0.00	566.00
1032.0	0.00	0.0	486.4	486.4	0.00	566.00
1036.0	0.00	0.0	486.4	486.4	0.00	566.00
1040.0	0.00	0.0	486.4	486.4	0.00	566.00
1044.0	0.00	0.0	486.4	486.4	0.00	566.00
1048.0	0.00	0.0	486.4	486.4	0.00	566.00
1052.0	0.00	0.0	486.4	486.4	0.00	566.00
1056.0	0.00	0.0	486.4	486.4	0.00	566.00
1060.0	0.00	0.0	486.4	486.4	0.00	566.00
1064.0	0.00	0.0	486.4	486.4	0.00	566.00
1068.0	0.00	0.0	486.4	486.4	0.00	566.00
1072.0	0.00	0.0	486.4	486.4	0.00	566.00
1076.0	0.00	0.0	486.4	486.4	0.00	566.00
1080.0	0.00	0.0	486.4	486.4	0.00	566.00
1084.0	0.00	0.0	486.4	486.4	0.00	566.00
1088.0	0.00	0.0	486.4	486.4	0.00	566.00
1092.0	0.00	0.0	486.4	486.4	0.00	566.00
1096.0	0.00	0.0	486.4	486.4	0.00	566.00

Pond File: j:\DATA\0306147\BASIN3BL.PND
 Inflow Hydrograph: j:\DATA\0306147\100BASN3.HYD
 .flow Hydrograph: j:\DATA\0306147\BABL3100.HYD

INFLOW HYDROGRAPH

ROUTING COMPUTATIONS

TIME (min)	INFLOW (cfs)	I1+I2 (cfs)	2S/t - O (cfs)	2S/t + O (cfs)	OUTFLOW (cfs)	ELEVATION (ft)
1100.0	0.00	0.0	486.4	486.4	0.00	566.00
1104.0	0.00	0.0	486.4	486.4	0.00	566.00
1108.0	0.00	0.0	486.4	486.4	0.00	566.00
1112.0	0.00	0.0	486.4	486.4	0.00	566.00
1116.0	0.00	0.0	486.4	486.4	0.00	566.00
1120.0	0.00	0.0	486.4	486.4	0.00	566.00
1124.0	0.00	0.0	486.4	486.4	0.00	566.00
1128.0	0.00	0.0	486.4	486.4	0.00	566.00
1132.0	0.00	0.0	486.4	486.4	0.00	566.00
1136.0	0.00	0.0	486.4	486.4	0.00	566.00
1140.0	0.00	0.0	486.4	486.4	0.00	566.00
1144.0	0.00	0.0	486.4	486.4	0.00	566.00
1148.0	0.00	0.0	486.4	486.4	0.00	566.00
1152.0	0.00	0.0	486.4	486.4	0.00	566.00
1156.0	0.00	0.0	486.4	486.4	0.00	566.00
1160.0	0.00	0.0	486.4	486.4	0.00	566.00
1164.0	0.00	0.0	486.4	486.4	0.00	566.00
1168.0	0.00	0.0	486.4	486.4	0.00	566.00
1172.0	0.00	0.0	486.4	486.4	0.00	566.00
1176.0	0.00	0.0	486.4	486.4	0.00	566.00
1180.0	0.00	0.0	486.4	486.4	0.00	566.00
1184.0	0.00	0.0	486.4	486.4	0.00	566.00
1188.0	0.00	0.0	486.4	486.4	0.00	566.00
1192.0	0.00	0.0	486.4	486.4	0.00	566.00
1196.0	0.00	0.0	486.4	486.4	0.00	566.00
1200.0	0.00	0.0	486.4	486.4	0.00	566.00
1204.0	0.00	0.0	486.4	486.4	0.00	566.00
1208.0	0.00	0.0	486.4	486.4	0.00	566.00
1212.0	0.00	0.0	486.4	486.4	0.00	566.00

***** SUMMARY OF ROUTING COMPUTATIONS *****

Pond File: j:\DATA\0306147\BASIN3BL.PND
Inflow Hydrograph: j:\DATA\0306147\100BASN3.HYD
Outflow Hydrograph: j:\DATA\0306147\BABL3100.HYD

Starting Pond W.S. Elevation = 566.00 ft

***** Summary of Peak Outflow and Peak Elevation *****

Peak Inflow = 63.30 cfs
Peak Outflow = 63.29 cfs
Peak Elevation = 566.98 ft

***** Summary of Approximate Peak Storage *****

Initial Storage = 58,364 cu-ft
Peak Storage From Storm = 15,156 cu-ft

Total Storage in Pond = 73,520 cu-ft

SEDIMENT STORAGE CALCULATIONS

FOX HAVEN

Project No. 03-06-147

December 11, 2003

Basin 1 Data: 800' Sheet Flow
Average Slope = 4.0%
Disturbed Area (DA) = 15.66 Ac.
Loess Soil Type – Wet Pool
2 Year Usable Life (UL)

LS Factor = 0.92 Delivery Ratio = 0.50 Sediment Yield (SY) = 0.047

Volume = LS x SY x DA x UL = 0.92 x 0.047 x 15.66 x 2 = 1.354 Ac-Ft OR 58,980 CF

Basin Volume:	<u>Elev</u>	<u>Area (Ft²)</u>	<u>Incr. Vol. (Ft³)</u>	<u>Total Vol. (Ft³)</u>
	570	5,750		
			13,754	13,754
	572	8,004		
			18,782	32,536
	574	10,778		
			24,893	57,429
	576	14,115		
			31,726	89,155
	578	17,611		

Required Volume Achieved At 576.1

2/3 Volume Cleanout At 574.6

Calculate Spillway Required: $Q = 15.66 \text{ Ac} \times 2 \text{ cfs/Ac} = 31.32 \text{ cfs}$

$L = Q/C(H^{3/2})$ $C = 3$ Use 1' Max. Depth OR 10' Min. Width

$L = 31.32/3(1^{3/2}) = 10.44 \text{ Ft}$ Use 10.5' Wide Spillway, $H = 1.0 \text{ Ft}$

Top of Berm = 578

Spillway Elevation = 577

Max. Sediment Elevation = 576.1

Cleanout Elevation = 574.6

Sediment Storage Calculations
Fox Haven

Basin 2 Data: 500' Sheet Flow
 Average Slope = 3.0%
 Disturbed Area (DA) = 3.97Ac.
 Loess Soil Type – Wet Pool
 2 Year Usable Life (UL)

LS Factor = 0.47 Delivery Ratio = 0.70 Sediment Yield (SY) = 0.066

Volume = LS x SY x DA x UL = 0.47 x 0.066 x 3.97 x 2 = 0.246 Ac-Ft OR 10,716 CF

Basin Volume:	<u>Elev</u>	<u>Area (Ft²)</u>	<u>Incr. Vol. (Ft³)</u>	<u>Total Vol. (Ft³)</u>
	572	2,174		
			6,172	6,172
	574	3,998		
			10,055	16,227
	576	6,057		

Required Volume Achieved At 574.9

2/3 Volume Cleanout At 574.3

Calculate Spillway Required: $Q = 3.97 \text{ Ac} \times 2 \text{ cfs/Ac} = 7.94 \text{ cfs}$

$L = Q/C(H^{3/2})$ $C = 3$ Use 1' Max. Depth OR 10' Min. Width

$L = 7.94/3(1^{3/2}) = 2.65 \text{ Ft}$ Use 10' Wide Spillway, $H = 0.41 \text{ Ft}$

Top of Berm = 576

Spillway Elevation = 575

Max. Sediment Elevation = 574.9

Cleanout Elevation = 574.3

Sediment Storage Calculations
Fox Haven

Basin 3 Data: 900' Sheet Flow
Average Slope = 3.5%
Disturbed Area (DA) = 3.74 Ac.
Loess Soil Type – Wet Pool
2 Year Usable Life (UL)

LS Factor = 0.76 Delivery Ratio = 0.70 Sediment Yield (SY) = 0.066

Volume = LS x SY x DA x UL = 0.76 x 0.066 x 3.74 x 2 = 0.375 Ac-Ft OR 16,335 CF

Basin Volume:	<u>Elev</u>	<u>Area (Ft²)</u>	<u>Incr. Vol. (Ft³)</u>	<u>Total Vol. (Ft³)</u>
	575	2,540		
			2,860	2,860
	576	3,180		
			7,827	10,687
	578	4,647		
			10,978	21,665
	580	6,331		

Required Volume Achieved At 579.0

2/3 Volume Cleanout At 578.1

Calculate Spillway Required: $Q = 3.74 \text{ Ac} \times 2 \text{ cfs/Ac} = 7.48 \text{ cfs}$

$L = Q/C(H^{3/2})$ $C = 3$ Use 1' Max. Depth OR 10' Min. Width

$L = 7.48/3(1^{3/2}) = 2.49 \text{ Ft}$ Use 10' Wide Spillway, $H = 0.40 \text{ Ft}$

Top of Berm = 580

Spillway Elevation = 579

Max. Sediment Elevation = 579.0

Cleanout Elevation = 578.1

Sediment Storage Calculations
Fox Haven

Basin 4 Data: 1000' Sheet Flow
Average Slope = 3.0%
Disturbed Area (DA) = 8.45 Ac.
Loess Soil Type – Wet Pool
2 Year Usable Life (UL)

LS Factor = 0.57 Delivery Ratio = 0.60 Sediment Yield (SY) = 0.056

Volume = LS x SY x DA x UL = 0.57 x 0.056 x 8.45 x 2 = 0.539 Ac-Ft OR 23,479 CF

Basin Volume:	<u>Elev</u>	<u>Area (Ft²)</u>	<u>Incr. Vol. (Ft³)</u>	<u>Total Vol. (Ft³)</u>
	572	2,697		
			6,852	6,852
	574	4,155		
			10,003	16,855
	576	5,848		
			13,615	30,470
	578	7,767		

Required Volume Achieved At 577.0

2/3 Volume Cleanout At 575.8

Calculate Spillway Required: $Q = 8.45 \text{ Ac} \times 2 \text{ cfs/Ac} = 16.90 \text{ cfs}$

$L = Q/C(H^{3/2})$ $C = 3$ Use 1' Max. Depth OR 10' Min. Width

$L = 16.90/3(1^{3/2}) = 5.63 \text{ Ft}$ Use 10' Wide Spillway, $H = 0.68 \text{ Ft}$

Top of Berm = 578

Spillway Elevation = 577

Max. Sediment Elevation = 577.0

Cleanout Elevation = 575.8

Sediment Storage Calculations
Fox Haven

Basin 5 Data: 300' Sheet Flow
Average Slope = 2.0%
Disturbed Area (DA) = 3.50 Ac.
Loess Soil Type – Wet Pool
2 Year Usable Life (UL)

LS Factor = 0.28 Delivery Ratio = 0.70 Sediment Yield (SY) = 0.066

Volume = LS x SY x DA x UL = 0.28 x 0.066 x 3.50 x 2 = 0.065 Ac-Ft OR 2,831 CF

Basin Volume:	<u>Elev</u>	<u>Area (Ft²)</u>	<u>Incr. Vol. (Ft³)</u>	<u>Total Vol. (Ft³)</u>
	586	2,270		
			6,493	6,493
	588	4,223		

Required Volume Achieved At 586.9

2/3 Volume Cleanout At 586.6

Calculate Spillway Required: $Q = 3.50 \text{ Ac} \times 2 \text{ cfs/Ac} = 7.00 \text{ cfs}$

$L = Q/C(H^{3/2})$ $C = 3$ Use 1' Max. Depth OR 10' Min. Width

$L = 7.00/3(1^{3/2}) = 2.33 \text{ Ft}$ Use 10' Wide Spillway, $H = 0.37 \text{ Ft}$

Top of Berm = 588

Spillway Elevation = 587

Max. Sediment Elevation = 586.9

Cleanout Elevation = 586.6

Sediment Storage Calculations
Fox Haven

Basin 6 Data: 800' Sheet Flow
Average Slope = 4.0%
Disturbed Area (DA) = 4.92Ac.
Loess Soil Type – Wet Pool
2 Year Usable Life (UL)

LS Factor = 0.92 Delivery Ratio = 0.70 Sediment Yield (SY) = 0.066

Volume = LS x SY x DA x UL = 0.92 x 0.066 x 4.92 x 2 = 0.597 Ac-Ft OR 26,005 CF

Basin Volume:	<u>Elev</u>	<u>Area (Ft²)</u>	<u>Incr. Vol. (Ft³)</u>	<u>Total Vol. (Ft³)</u>
	568	6,902		
			15,778	15,778
	570	8,876		
			19,956	35,734
	572	11,080		

Required Volume Achieved At 571.2

2/3 Volume Cleanout At 570.2

Calculate Spillway Required: $Q = 4.92 \text{ Ac} \times 2 \text{ cfs/Ac} = 9.84 \text{ cfs}$

$L = Q/C(H^{3/2})$ $C = 3$ Use 1' Max. Depth OR 10' Min. Width

$L = 9.84/3(1^{3/2}) = 3.28 \text{ Ft}$ Use 10' Wide Spillway, $H = 0.47 \text{ Ft}$

Top of Berm = 572.5

Spillway Elevation = 571.5

Max. Sediment Elevation = 571.2

Cleanout Elevation = 570.2

Sediment Storage Calculations
Fox Haven

Basin 7 Data: 1100' Sheet Flow
Average Slope = 2.5%
Disturbed Area (DA) = 12.86Ac.
Loess Soil Type – Wet Pool
2 Year Usable Life (UL)

LS Factor = 0.50 Delivery Ratio = 0.60 Sediment Yield (SY) = 0.056

Volume = LS x SY x DA x UL = 0.50 x 0.056 x 12.86 x 2 = 0.720 Ac-Ft OR 31,363 CF

Basin Volume:	<u>Elev</u>	<u>Area (Ft²)</u>	<u>Incr. Vol. (Ft³)</u>	<u>Total Vol. (Ft³)</u>
	560	5,170		
			12,565	12,565
	562	7,395		
			17,539	30,104
	564	10,144		
			23,352	53,456
	566	13,208		
			29,845	59,690
	568	16,637		

Required Volume Achieved At 564.2

2/3 Volume Cleanout At 562.9

Calculate Spillway Required: $Q = 12.86 \text{ Ac} \times 2 \text{ cfs/Ac} = 25.72 \text{ cfs}$

$L = Q/C(H^{3/2})$ $C = 3$ Use 1' Max. Depth OR 10' Min. Width

$L = 25.72/3(1^{3/2}) = 8.57 \text{ Ft}$ Use 10' Wide Spillway, $H = 0.90 \text{ Ft}$

Top of Berm = 568

Spillway Elevation = 567

Max. Sediment Elevation = 564.2

Cleanout Elevation = 562.9

FOX HAVEN OFFSITE DRAINAGE AREA MAP

MISSOURI
NATURAL RESOURCES
STATE GEOLOGIST

SE (ILLE)

591

47°30"

1:20,000 FEET

594

TROY (VIA U.S. 61) 22 MI.
5 MI. TO INTERSTATE 70

90°45'

38°45'

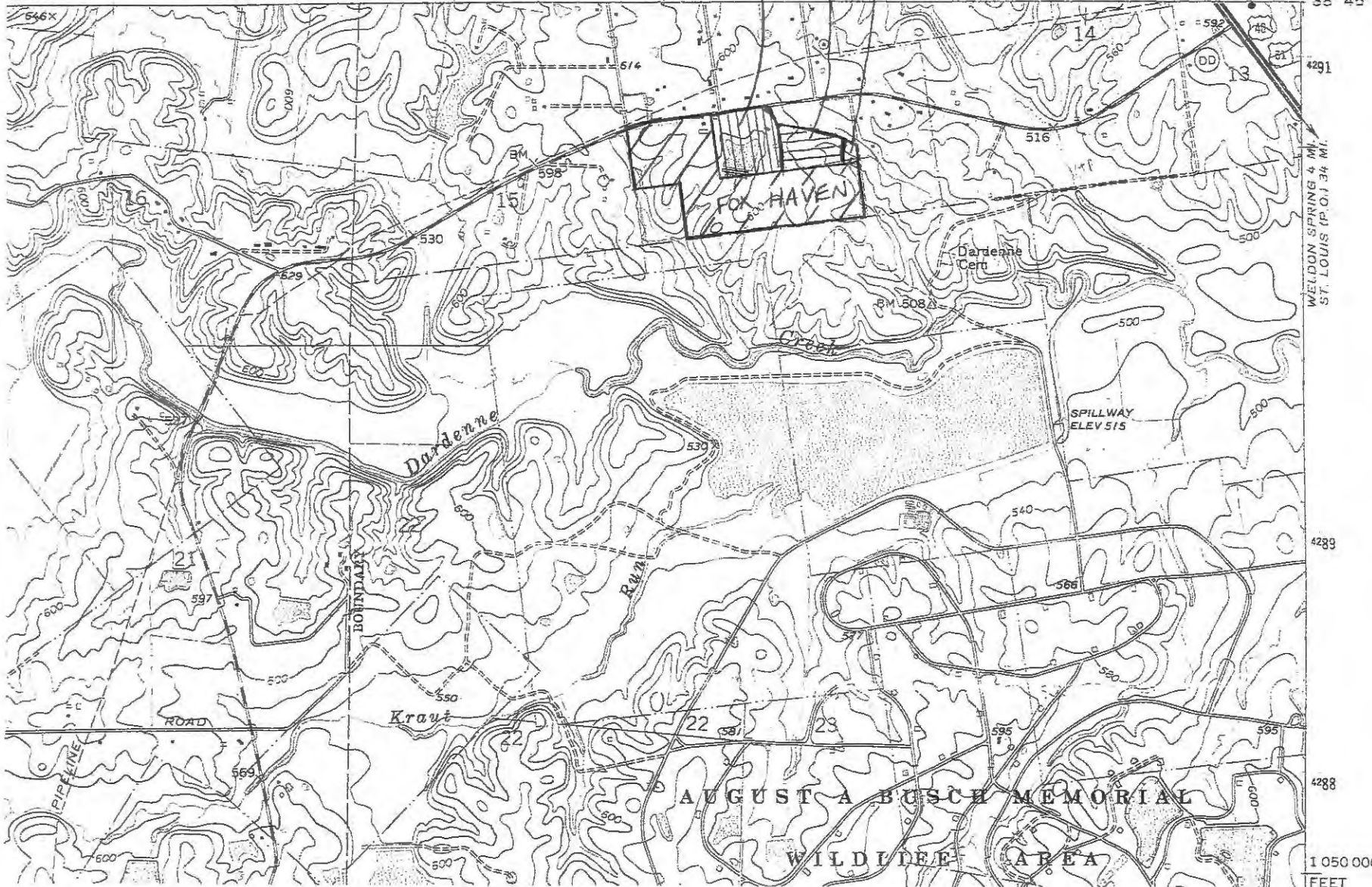
12.00 AC-OFFSITE
DRAINAGE AREA

16.25 AC-OFFSITE
DRAINAGE AREA

0.50 AC-OFFSITE
DRAINAGE AREA
DEFIANCE QUADRANGLE
MISSOURI-ST. CHARLES CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

NE/4 AUGUSTA 15' QUADRANGLE

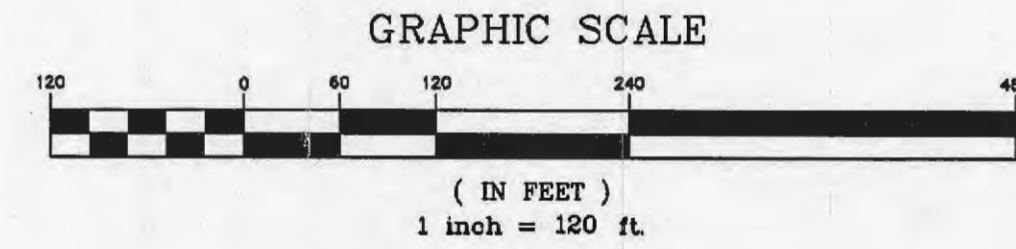
7861 SW
(O'FALLON)



1:20,000
FEET

03-06-147

Drawing name: K:\D\0306147 Fox Haven\MPROJ\DWG\6147\WATERSHED.dwg Plotted on: Mar 01, 2004 - 10:00am Plotted by: jlueterhaus



ISSUE	REMARKS/DATE
1	03-01-04 FIRST SUBMITTAL

PREPARED FOR:
McBride & Son Homes
Land Development, Inc.
 #1 McBride & Son Center Drive
 Chesterfield, Missouri 63005
 (636) 537-2000

PREPARED BY:
THE STERLING CO.
ENGINEERS & SURVEYORS
 5055 NEW BAUMGARTNER ROAD
 ST. LOUIS, MISSOURI 63129
 (314)-487-0440 FAX 487-8944
 E-Mail: Sterling@sterling-eng-sur.com

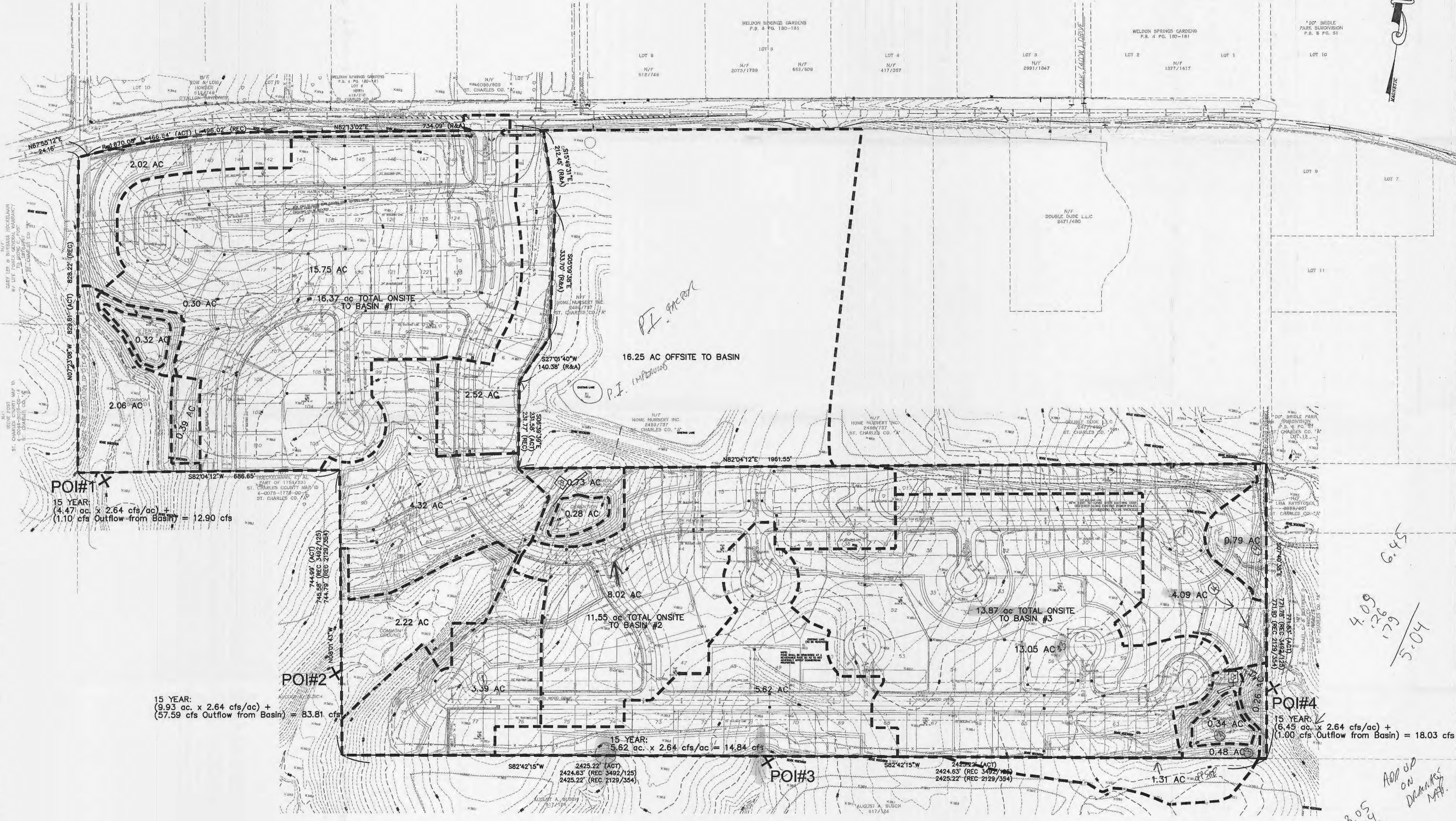
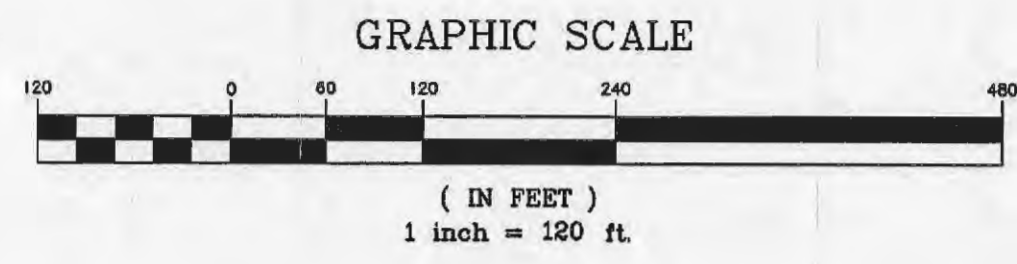
DRAWN:	DESIGNED:	CHECKED:
PROJECT:	FOX HAVEN	
SHEET TITLE:	EXISTING WATERSHED MAP	

NO	03	06	147
M.S.D.	SHEET		
PH	1		
DIGITAL FILE LOCATION	OF 1		

- 1) ADD CONTOURS ROAD OFF-SITE AREA TO NORTH TO STREET
- 2) BREAK UP 17.08 ACRES INTO SUB DRAINAGE AREAS NEED POI-#5 IF APPROX. MORE THAN 16.25 ACRES OFF-SITE AREAS INTO THE 17.08 ACRES AREA
- 3) REFLECT ON PAB DEVELOPMENT WHICH DRAIN TO THE BASINS

BASE MAP

Drawing name: K:\D\0306\147 Fox Haven\IMPROVEMENTS\6147\WATERSHED.dwg Plotted on: Mar 01, 2004 - 10:10am Plotted by: jluetkenhaus



POI#1
15 YEAR:
(4.47 ac. x 2.64 cfs/ac) +
(1.10 cfs Outflow from Basin) = 12.90 cfs

POI#2
15 YEAR:
(9.93 ac. x 2.64 cfs/ac) +
(57.59 cfs Outflow from Basin) = 83.81 cfs

POI#3
15 YEAR:
5.62 ac. x 2.64 cfs/ac = 14.84 cfs

POI#4
15 YEAR:
(6.45 ac. x 2.64 cfs/ac) +
(1.00 cfs Outflow from Basin) = 18.03 cfs

3.29
4.32
11.

4.09
1.26
17.6
5.04
6.45
13.05
ADD UP
ON
DRAINAGE
MAP
13.87

ISSUE	REMARKS/DATE
1	03-01-04 FIRST SUBMITTAL

PREPARED FOR:
**McBride & Son Homes
Land Development, Inc.**
#1 McBride & Son Center Drive
Chesterfield, Missouri 63005
(636) 537-2000

PREPARED BY:
THE STERLING CO.
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5055 NEW BAUMGARTNER ROAD
ST. LOUIS, MISSOURI 63129
(314) 487-0440 FAX 487-8944
E-Mail: Sterling@sterling-eng-sur.com

DRAWN: DESIGNED: CHECKED:

PROJECT: **FOX HAVEN**
SHEET TITLE: **PROPOSED WATERSHED MAP**

NO	03 06 147
M.S.D.	SHEET
P#	1
DIGITAL FILE LOCATION	ENR\WATERSHED-2
DATE	3/01/04
OF	1

BASE MAP