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Max Pond Storage Node ID cu. ft		Return Type Event	HYG Vol cu. ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft
-----		-----	-----	--	-----	-----	-----
BASI N2		AREA 15	273261		12.1000	75.00	
BASI N2		AREA 25	312030		12.1000	85.53	
BASI N2		AREA 100	415166		12.1000	113.14	
BASI N2	IN	POND 15	273261		12.1000	75.00	
BASI N2	IN	POND 25	312030		12.1000	85.53	
BASI N2	IN	POND 100	415166		12.1000	113.14	

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Type.... Master Network Summary

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Name.... Watershed

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4. PPW

ICPM CALCULATION TOLERANCES

Target Convergence= .000 cfs +/-  
 Max. Iterations = 35 loops  
 ICPM Time Step = .0500 hrs  
 Output Time Step = .0500 hrs  
 ICPM Ending Time = 35.0000 hrs

MASTER NETWORK SUMMARY  
 SCS Unit Hydrograph Method

(\*Node=Outfall; +Node=Diversi on; )  
 (Trun= HYG Truncati on: Bl ank=None; L=Left; R=Rt; LR=Left&Rt)

Max Pond Storage Node ID cu. ft		Return Type Event	HYG Vol cu. ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft
-----		-----	-----	--	-----	-----	-----
BASI N2 52419	OUT	POND 15	273261		12.3500	36.22	579.73
BASI N2 64776	OUT	POND 25	312030		12.4000	38.64	580.52
BASI N2 86573	OUT	POND 100	415166		12.3000	74.18	581.77
BASI N3A	AREA	15	736750		12.1500	185.97	
BASI N3A	AREA	25	856233		12.1500	216.84	
BASI N3A	AREA	100	1179491		12.1500	299.42	
BASI N3A	POND	15	736751		12.1500	185.97	
BASI N3A	POND	25	856233		12.1500	216.84	
BASI N3A	POND	100	1179491		12.1500	299.42	

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BASI N3A 159214	OUT POND	15	736788	12.4500	79.47	571.42
BASI N3A 196899	OUT POND	25	856276	12.4000	89.70	572.13
BASI N3A 305395	OUT POND	100	1179576	12.4500	110.98	573.68
BASI N3B	POND	15	747895	12.4000	80.46	
BASI N3B	POND	25	869331	12.4000	90.87	
BASI N3B	POND	100	1197962	12.4000	112.38	
BASI N3B 29667	OUT POND	15	747917	12.6000	77.37	568.16
BASI N3B 34199	OUT POND	25	869342	12.6500	86.46	568.52
BASI N3B 42709	OUT POND	100	1197985	12.6500	109.60	569.20
BASI N3B	AREA	15	11107	12.0500	3.44	
BASI N3B	AREA	25	13055	12.0500	4.07	
BASI N3B	AREA	100	18387	12.0500	5.79	

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Type... Master Network Summary

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Name... Watershed

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4. PPW

-----  
ICPM CALCULATION TOLERANCES  
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Target Convergence= .000 cfs +/-  
Max. Iterations = 35 loops  
ICPM Time Step = .0500 hrs  
Output Time Step = .0500 hrs  
ICPM Ending Time = 35.0000 hrs  
-----

MASTER NETWORK SUMMARY  
SCS Unit Hydrograph Method

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

Max Pond Storage Node ID cu. ft	Return Type Event	HYG Vol cu. ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft
BASI N4	AREA 15	90257		12.1500	23.54	
BASI N4	AREA 25	105180		12.1500	27.51	
BASI N4	AREA 100	145662		12.1500	38.16	
BASI N4	IN POND 15	90257		12.1500	23.54	
BASI N4	IN POND 25	105180		12.1500	27.51	

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BASI N4	IN POND	100	145662	12.1500	38.16	
BASI N4 20718	OUT POND	15	90257	12.4500	9.45	583.92
BASI N4 26418	OUT POND	25	105179	12.5000	10.03	584.50
BASI N4 42791	OUT POND	100	145662	12.5500	11.52	585.84
BASI N5	AREA	15	158941	12.1000	47.49	
BASI N5	AREA	25	186272	12.1000	55.82	
BASI N5	AREA	100	260841	12.1000	78.24	
BASI N5	IN POND	15	158941	12.1000	47.49	
BASI N5	IN POND	25	186272	12.1000	55.82	
BASI N5	IN POND	100	260841	12.1000	78.24	
BASI N5 69784	OUT POND	15	158924	12.7000	7.68	557.82
BASI N5 75017	OUT POND	25	186254	12.4000	18.34	558.23
BASI N5 84596	OUT POND	100	260823	12.2500	50.84	558.95
BYPASS1	AREA	15	898134	12.1500	215.37	
BYPASS1	AREA	25	1005090	12.1500	239.77	
BYPASS1	AREA	100	1285189	12.1500	302.90	

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Type... Master Network Summary

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4. PPW

-----  
ICPM CALCULATION TOLERANCES  
-----

Target Convergence= .000 cfs +/-  
Max. Iterations = 35 loops  
ICPM Time Step = .0500 hrs  
Output Time Step = .0500 hrs  
ICPM Ending Time = 35.0000 hrs  
-----

MASTER NETWORK SUMMARY  
SCS Unit Hydrograph Method

(\*Node=Outfall; +Node=Diversi on; )  
(Trun= HYG Truncati on: Bl ank=None; L=Left; R=Rt; LR=Left&Rt)

Max Pond Storage Node ID cu. ft	Return Type Event	HYG Vol cu. ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft
BYPASS2	AREA	15	1339369	12.1500	345.44	

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BYPASS2	AREA	25	1540566	12.1500	397.19
BYPASS2	AREA	100	2079438	12.1500	533.90
BYPASS3	AREA	15	440781	12.1500	106.51
BYPASS3	AREA	25	528347	12.1500	129.96
BYPASS3	AREA	100	772769	12.1500	194.95
J1	JCT	15	6942343	12.6000	857.97
J1	JCT	25	8025762	12.6000	997.04
J1	JCT	100	10941710	12.6000	1368.25
J2	JCT	15	1883215	12.6000	134.18
J2	JCT	25	2110362	12.6500	142.14
J2	JCT	100	2705805	12.7000	160.71
J3	JCT	15	8825547	12.7000	991.97
J3	JCT	25	10136110	12.6500	1138.47
J3	JCT	100	13647480	12.6500	1526.80
J4	JCT	15	9996874	12.7500	1055.23
J4	JCT	25	11453160	12.7500	1208.96
J4	JCT	100	15347770	12.7000	1613.23
J5	JCT	15	10744690	12.8500	1110.20
J5	JCT	25	12322410	12.8500	1271.98
J5	JCT	100	16545670	12.8000	1696.62

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4. PPW

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ICPM CALCULATION TOLERANCES  
-----

Target Convergence= .000 cfs +/-  
Max. Iterations = 35 loops  
ICPM Time Step = .0500 hrs  
Output Time Step = .0500 hrs  
ICPM Ending Time = 35.0000 hrs  
-----

MASTER NETWORK SUMMARY  
SCS Unit Hydrograph Method

(\*Node=Outfall; +Node=Diversi on; )  
(Trun= HYG Truncati on: Bl ank=None; L=Left; R=Rt; LR=Left&Rt)

Max Pond Storage Node ID cu. ft	Return Type Event	HYG Vol cu. ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft
J6	JCT 15	10834920		12.9000	1113.83	
J6	JCT 25	12427540		12.9000	1276.07	

asbuilt basin 1 2 and 4.txt

J6	JCT	100	16691270	12.8500	1701.15
OFFSI TE1	AREA	15	436060	12.1000	122.22
OFFSI TE1	AREA	25	487984	12.1000	135.95
OFFSI TE1	AREA	100	623963	12.1000	171.48
OFFSI TE2	AREA	15	395369	12.2000	85.65
OFFSI TE2	AREA	25	445336	12.2000	96.12
OFFSI TE2	AREA	100	576773	12.2000	123.29
ONSI TE1	AREA	15	1051818	12.1500	245.42
ONSI TE1	AREA	25	1177074	12.1500	273.32
ONSI TE1	AREA	100	1505099	12.1500	345.52
*OUT1	JCT	15	12174230	12.9500	1150.20
*OUT1	JCT	25	13968050	12.9500	1319.25
*OUT1	JCT	100	18770680	12.9000	1762.07
*OUT2	JCT	15	599704	12.1500	112.69
*OUT2	JCT	25	714601	12.1500	136.55
*OUT2	JCT	100	1033591	12.2000	236.76
POND1	IN POND	15	1883248	12.1500	440.41
POND1	IN POND	25	2110394	12.1500	491.03
POND1	IN POND	100	2705836	12.1500	622.12

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Master Network Summary

Page 1.06

Name... Watershed

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

-----  
ICPM CALCULATION TOLERANCES  
-----

Target Convergence= .000 cfs +/-  
Max. Iterations = 35 loops  
ICPM Time Step = .0500 hrs  
Output Time Step = .0500 hrs  
ICPM Ending Time = 35.0000 hrs  
-----

MASTER NETWORK SUMMARY  
SCS Unit Hydrograph Method

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

Max Pond Storage Node ID cu. ft	Return Type Event	HYG Vol cu. ft	Trun	Qpeak hrs	Qpeak cfs	Max WSEL ft
POND1 681887 POND1	OUT POND	15	1883215	12.6000	134.18	603.45
	OUT POND	25	2110362	12.6500	142.14	603.93

asbuilt basin 1 2 and 4.txt

776107 POND1 1027384	OUT POND	100	2705805	12.7000	160.71	605.17
SUBAREA1	AREA	15	6942343	12.6000	857.97	
SUBAREA1	AREA	25	8025762	12.6000	997.04	
SUBAREA1	AREA	100	10941700	12.6000	1368.25	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Executive Summary (Nodes)

Page 2.01

Name... Watershed

Event: 15 yr

File... \\2serverprsr\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

NETWORK SUMMARY -- NODES

(Trun. = HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File, ID = 2 Year

Storm Tag Name = 15

Data Type, File, ID = Synthetic Storm TypeII 24hr

Storm Frequency = 15 yr

Total Rainfall Depth= 5.2000 in

Duration Multiplier = 1

Resulting Duration = 24.0000 hrs

Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

ICPM CALCULATION TOLERANCES

Target Convergence= .000 cfs +/-

Max. Iterations = 35 loops

ICPM Time Step = .0500 hrs

Output Time Step = .0500 hrs

ICPM Ending Time = 35.0000 hrs

Node ID	Type	HYG Vol cu. ft	Trun.	Opeak hrs	Opeak cfs	Max WSEL ft
BASIN2		273261		12.1000	75.00	
BASIN2	IN	273261		12.1000	75.00	
BASIN2	OUT	273261		12.3500	36.22	579.73
BASIN3A		736750		12.1500	185.97	
BASIN3A		736751		12.1500	185.97	
BASIN3A	OUT	736788		12.4500	79.47	571.42
BASIN3B		747895		12.4000	80.46	
BASIN3B	OUT	747917		12.6000	77.37	568.16
BASIN3B		11107		12.0500	3.44	
BASIN4		90257		12.1500	23.54	
BASIN4	IN	90257		12.1500	23.54	
BASIN4	OUT	90257		12.4500	9.45	583.92
BASIN5		158941		12.1000	47.49	
BASIN5	IN	158941		12.1000	47.49	
BASIN5	OUT	158924		12.7000	7.68	557.82
BYPASS1		898134		12.1500	215.37	
BYPASS2		1339369		12.1500	345.44	
BYPASS3		440781		12.1500	106.51	

```

asbuilt basin 1 2 and 4.txt
J1      JCT      6942343      12. 6000      857. 97
J2      JCT      1883215      12. 6000      134. 18
J3      JCT      8825547      12. 7000      991. 97
J4      JCT      9996874      12. 7500     1055. 23
J5      JCT      10744690     12. 8500     1110. 20

```

S/N:  
PondPack Ver:                      Compute Time:                      Date:

♀  
Type... Executive Summary (Nodes)                      Page 2.02  
Name... Watershed    Event: 15 yr  
File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW  
Storm... TypeII 24hr Tag:                      15

NETWORK SUMMARY -- NODES  
(Trun. = HYG Truncati on: Bl ank=None; L=Left; R=Rt; LR=Left & Rt)

Node ID	Type	HYG Vol cu. ft	Trun.	Qpeak hrs	Qpeak cfs	Max WSEL ft
J6	JCT	10834920		12. 9000	1113. 83	
OFFSITE1	AREA	436060		12. 1000	122. 22	
OFFSITE2	AREA	395369		12. 2000	85. 65	
ONSITE1	AREA	1051818		12. 1500	245. 42	
Outfall OUT1	JCT	12174230		12. 9500	1150. 20	
Outfall OUT2	JCT	599704		12. 1500	112. 69	
POND1	IN POND	1883248		12. 1500	440. 41	
POND1	OUT POND	1883215		12. 6000	134. 18	603. 45
SUBAREA1	AREA	6942343		12. 6000	857. 97	

S/N:  
PondPack Ver:                      Compute Time:                      Date:

♀  
Type... Executive Summary (Links)                      Page 2.03  
Name... Watershed    Event: 15 yr  
File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW  
Storm... TypeII 24hr Tag:                      15

NETWORK SUMMARY -- LINKS  
(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)  
(Trun. = HYG Truncati on: Bl ank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File, ID = 2 Year

Storm Tag Name = 15

```

-----
Data Type, File, ID = Synthetic Storm TypeII 24hr
Storm Frequency = 15 yr
Total Rainfall Depth= 5.2000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

```

ICPM CALCULATION TOLERANCES

```

-----
Target Convergence= .000 cfs +/-
Max. Iterations = 35 loops
ICPM Time Step = .0500 hrs
Output Time Step = .0500 hrs

```

ICPM Ending Time = 35.0000 hrs

Link ID	Type		HYG Vol cu. ft	Trun.	Peak Time hrs	Peak Q cfs	End Points
ADDLINK 10	ADD	UN	436060		12.1000	122.22	OFFSITE1
		DL	436060		12.1000	122.22	
		DN	1883248		12.1500	440.41	POND1 IN
ADDLINK 100	ADD	UN	440781		12.1500	106.51	BYPASS3
		DL	440781		12.1500	106.51	
		DN	599704		12.1500	112.69	OUT2
ADDLINK 110	ADD	UN	1339369		12.1500	345.44	BYPASS2
		DL	1339369		12.1500	345.44	
		DN	12174230		12.9500	1150.20	OUT1
ADDLINK 120	ADD	UN	158941		12.1000	47.49	BASIN5
		DL	158941		12.1000	47.49	
		DN	158941		12.1000	47.49	BASIN5 IN
ADDLINK 20	ADD	UN	1051818		12.1500	245.42	ONSITE1
		DL	1051818		12.1500	245.42	
		DN	1883248		12.1500	440.41	POND1 IN

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Executive Summary (Links)

Name... Watershed

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

NETWORK SUMMARY -- LINKS

(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)  
(Trun. = HYG Truncation; Blank=None; L=Left; R=Rt; LR=Left & Rt)

Link ID	Type		HYG Vol cu. ft	Trun.	Peak Time hrs	Peak Q cfs	End Points
ADDLINK 30	ADD	UN	395369		12.2000	85.65	OFFSITE2
		DL	395369		12.2000	85.65	
		DN	1883248		12.1500	440.41	POND1 IN
ADDLINK 40	ADD	UN	898134		12.1500	215.37	BYPASS1
		DL	898134		12.1500	215.37	
		DN	9996874		12.7500	1055.23	J4
ADDLINK 50	ADD	UN	273261		12.1000	75.00	BASIN2
		DL	273261		12.1000	75.00	
		DN	273261		12.1000	75.00	BASIN2 IN
ADDLINK 60	ADD	UN	736750		12.1500	185.97	BASIN3A
		DL	736750		12.1500	185.97	
		DN	736751		12.1500	185.97	BASIN3A
ADDLINK 70	ADD	UN	11107		12.0500	3.44	BASIN3B
		DL	11107		12.0500	3.44	
		DN	747895		12.4000	80.46	BASIN3B
ADDLINK 80	ADD	UN	90257		12.1500	23.54	BASIN4



asbuilt basin 1 2 and 4.txt

		DL	90257	12.1500	23.54		
		DN	90257	12.1500	23.54	BASIN4	IN
ADDLINK 90	ADD	UN	6942343	12.6000	857.97	SUBAREA1	
		DL	6942343	12.6000	857.97		
		DN	6942343	12.6000	857.97	J1	
REACH 10	REACH	UN	1883215	12.6000	134.18	J2	
		DL	1883217	12.6500	134.18		
		DN	8825547	12.7000	991.97	J3	
REACH 20	REACH	UN	8825547	12.7000	991.97	J3	
		DL	8825485	12.8000	978.86		
		DN	9996874	12.7500	1055.23	J4	
REACH 30	REACH	UN	9996874	12.7500	1055.23	J4	
		DL	9996781	12.8500	1036.26		
		DN	10744690	12.8500	1110.20	J5	

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Executive Summary (Links)

Page 2.05

Name... Watershed

Event: 15 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

NETWORK SUMMARY -- LINKS

(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)  
 (Trun. = HYG Truncation; Blank=None; L=Left; R=Rt; LR=Left & Rt)

Link ID	Type		HYG Vol cu. ft	Trun.	Peak Time hrs	Peak Q cfs	End Points
REACH 40	REACH	UN	10744690		12.8500	1110.20	J5
		DL	10744660		12.9000	1105.06	
		DN	10834920		12.9000	1113.83	J6
REACH 50	REACH	UN	6942343		12.6000	857.97	J1
		DL	6942323		12.7000	857.91	
		DN	8825547		12.7000	991.97	J3
REACH 60	REACH	UN	10834920		12.9000	1113.83	J6
		DL	10834860		13.0000	1102.61	
		DN	12174230		12.9500	1150.20	OUT1
ROUTE 1	PONDrt	UN	1883248		12.1500	440.41	POND1
ROUTE 1			1883215		12.6000	134.18	POND1
		DL	1883215		12.6000	134.18	
		DN	1883215		12.6000	134.18	J2
ROUTE 10	PONDrt	UN	747895		12.4000	80.46	BASIN3B
ROUTE 10			747917		12.6000	77.37	BASIN3B
		DL	747909		12.6000	77.37	
		DN	10744690		12.8500	1110.20	J5
ROUTE 2	PONDrt	UN	273261		12.1000	75.00	BASIN2
ROUTE 2			273261		12.3500	36.22	BASIN2
		DL	273261		12.3500	36.22	
		DN	9996874		12.7500	1055.23	J4

```

asbuilt basin 1 2 and 4.txt
ROUTE 20      PONDrt UN      90257      12. 1500      23. 54      BASI N4      IN
ROUTE 20      DL      90257      12. 4500      9. 45      BASI N4      OUT
                DN      10834920      12. 9000      1113. 83      J6

ROUTE 30      PONDrt UN      736751      12. 1500      185. 97      BASI N3A      IN
ROUTE 30      DL      736788      12. 4500      79. 47      BASI N3A      OUT
                DN      747895      12. 4000      80. 46      BASI N3B

ROUTE 60      PONDrt UN      158941      12. 1000      47. 49      BASI N5      IN
ROUTE 60      DL      158924      12. 7000      7. 68      BASI N5      OUT
                DN      599704      12. 1500      112. 69      OUT2

```

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Executive Summary (Nodes)

Page 2.06

Name... Watershed

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

NETWORK SUMMARY -- NODES

(Trun. = HYG Truncati on: Bl ank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File, ID = 2 Year

Storm Tag Name = 25

-----  
Data Type, File, ID = Synthetic Storm TypeII 24hr

Storm Frequency = 25 yr

Total Rainfall Depth= 5.7000 in

Duration Multiplier = 1

Resulting Duration = 24.0000 hrs

Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

-----  
ICPM CALCULATION TOLERANCES

Target Convergence= .000 cfs +/-

Max. Iterations = 35 loops

ICPM Time Step = .0500 hrs

Output Time Step = .0500 hrs

ICPM Ending Time = 35.0000 hrs

Node ID	Type	Type	HYG Vol cu. ft	Trun.	Opeak hrs	Opeak cfs	Max WSEL ft
BASI N2		AREA	312030		12. 1000	85. 53	
BASI N2	IN	POND	312030		12. 1000	85. 53	
BASI N2	OUT	POND	312030		12. 4000	38. 64	580. 52
BASI N3A		AREA	856233		12. 1500	216. 84	
BASI N3A		POND	856233		12. 1500	216. 84	
BASI N3A	OUT	POND	856276		12. 4000	89. 70	572. 13
BASI N3B		POND	869331		12. 4000	90. 87	
BASI N3B	OUT	POND	869342		12. 6500	86. 46	568. 52
BASI N3B		AREA	13055		12. 0500	4. 07	
BASI N4		AREA	105180		12. 1500	27. 51	
BASI N4	IN	POND	105180		12. 1500	27. 51	



-----  
 ICPM CALCULATION TOLERANCES  
 -----

Target Convergence= .000 cfs +/-  
 Max. Iterations = 35 loops  
 ICPM Time Step = .0500 hrs  
 Output Time Step = .0500 hrs  
 ICPM Ending Time = 35.0000 hrs  
 -----

Link ID	Type		HYG Vol cu. ft	Trun.	Peak Time hrs	Peak Q cfs	End Points
ADDLINK 10	ADD	UN	487984		12.1000	135.95	OFFSITE1
		DL	487984		12.1000	135.95	
		DN	2110394		12.1500	491.03	POND1 IN
ADDLINK 100	ADD	UN	528347		12.1500	129.96	BYPASS3
		DL	528347		12.1500	129.96	
		DN	714601		12.1500	136.55	OUT2
ADDLINK 110	ADD	UN	1540566		12.1500	397.19	BYPASS2
		DL	1540566		12.1500	397.19	
		DN	13968050		12.9500	1319.25	OUT1
ADDLINK 120	ADD	UN	186272		12.1000	55.82	BASIN5
		DL	186272		12.1000	55.82	
		DN	186272		12.1000	55.82	BASIN5 IN
ADDLINK 20	ADD	UN	1177074		12.1500	273.32	ONSITE1
		DL	1177074		12.1500	273.32	
		DN	2110394		12.1500	491.03	POND1 IN

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Executive Summary (Links)

Page 2.09

Name... Watershed

Event: 25 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

NETWORK SUMMARY -- LINKS

(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)  
 (Trun. = HYG Truncation; Blank=None; L=Left; R=Rt; LR=Left & Rt)

Link ID	Type		HYG Vol cu. ft	Trun.	Peak Time hrs	Peak Q cfs	End Points
ADDLINK 30	ADD	UN	445336		12.2000	96.12	OFFSITE2
		DL	445336		12.2000	96.12	
		DN	2110394		12.1500	491.03	POND1 IN
ADDLINK 40	ADD	UN	1005090		12.1500	239.77	BYPASS1
		DL	1005090		12.1500	239.77	
		DN	11453160		12.7500	1208.96	J4
ADDLINK 50	ADD	UN	312030		12.1000	85.53	BASIN2
		DL	312030		12.1000	85.53	
		DN	312030		12.1000	85.53	BASIN2 IN
ADDLINK 60	ADD	UN	856233		12.1500	216.84	BASIN3A
		DL	856233		12.1500	216.84	

asbuilt basin 1 2 and 4.txt

		DN	856233	12. 1500	216. 84	BASI N3A	
ADDLINK 70	ADD	UN	13055	12. 0500	4. 07	BASI N3B	
		DL	13055	12. 0500	4. 07		
		DN	869331	12. 4000	90. 87	BASI N3B	
ADDLINK 80	ADD	UN	105180	12. 1500	27. 51	BASI N4	
		DL	105180	12. 1500	27. 51		
		DN	105180	12. 1500	27. 51	BASI N4	IN
ADDLINK 90	ADD	UN	8025762	12. 6000	997. 04	SUBAREA1	
		DL	8025762	12. 6000	997. 04		
		DN	8025762	12. 6000	997. 04	J1	
REACH 10	REACH	UN	2110362	12. 6500	142. 14	J2	
		DL	2110363	12. 6500	142. 09		
		DN	10136110	12. 6500	1138. 47	J3	
REACH 20	REACH	UN	10136110	12. 6500	1138. 47	J3	
		DL	10136050	12. 7500	1124. 44		
		DN	11453160	12. 7500	1208. 96	J4	
REACH 30	REACH	UN	11453160	12. 7500	1208. 96	J4	
		DL	11453070	12. 8500	1188. 88		
		DN	12322410	12. 8500	1271. 98	J5	

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Executive Summary (Links)

Page 2. 10

Name... Watershed

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

NETWORK SUMMARY -- LINKS

(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)

(Trun. = HYG Truncation; Blank=None; L=Left; R=Rt; LR=Left & Rt)

Link ID	Type		HYG Vol cu. ft	Trun.	Peak Time hrs	Peak Q cfs	End Points
REACH 40	REACH	UN	12322410		12. 8500	1271. 98	J5
		DL	12322370		12. 9000	1266. 55	
		DN	12427540		12. 9000	1276. 07	J6
REACH 50	REACH	UN	8025762		12. 6000	997. 04	J1
		DL	8025735		12. 6500	996. 38	
		DN	10136110		12. 6500	1138. 47	J3
REACH 60	REACH	UN	12427540		12. 9000	1276. 07	J6
		DL	12427490		12. 9500	1263. 42	
		DN	13968050		12. 9500	1319. 25	OUT1
ROUTE 1	PONDrt	UN	2110394		12. 1500	491. 03	POND1 IN
ROUTE 1			2110362		12. 6500	142. 14	POND1 OUT
		DL	2110362		12. 6500	142. 14	
		DN	2110362		12. 6500	142. 14	J2
ROUTE 10	PONDrt	UN	869331		12. 4000	90. 87	BASI N3B IN
ROUTE 10			869342		12. 6500	86. 46	BASI N3B OUT
		DL	869335		12. 6500	86. 46	

asbuilt basin 1 2 and 4.txt

	DN		12322410	12.8500	1271.98	J5	
ROUTE 2	PONDrt	UN	312030	12.1000	85.53	BASI N2	IN
ROUTE 2			312030	12.4000	38.64	BASI N2	OUT
	DL		312030	12.4000	38.64		
	DN		11453160	12.7500	1208.96	J4	
ROUTE 20	PONDrt	UN	105180	12.1500	27.51	BASI N4	IN
ROUTE 20			105179	12.5000	10.03	BASI N4	OUT
	DL		105179	12.5000	10.03		
	DN		12427540	12.9000	1276.07	J6	
ROUTE 30	PONDrt	UN	856233	12.1500	216.84	BASI N3A	IN
ROUTE 30			856276	12.4000	89.70	BASI N3A	OUT
	DL		856268	12.4000	89.70		
	DN		869331	12.4000	90.87	BASI N3B	
ROUTE 60	PONDrt	UN	186272	12.1000	55.82	BASI N5	IN
ROUTE 60			186254	12.4000	18.34	BASI N5	OUT
	DL		186254	12.4000	18.34		
	DN		714601	12.1500	136.55	OUT2	

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Executive Summary (Nodes)

Page 2.11

Name... Watershed

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

NETWORK SUMMARY -- NODES

(Trun. = HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File, ID = 2 Year

Storm Tag Name = 100

Data Type, File, ID = Synthetic Storm Type I 24hr

Storm Frequency = 100 yr

Total Rainfall Depth= 7.0000 in

Duration Multiplier = 1

Resulting Duration = 24.0000 hrs

Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

ICPM CALCULATION TOLERANCES

Target Convergence= .000 cfs +/-

Max. Iterations = 35 loops

ICPM Time Step = .0500 hrs

Output Time Step = .0500 hrs

ICPM Ending Time = 35.0000 hrs

Node ID	Type	HYG Vol cu. ft	Trun.	Qpeak hrs	Qpeak cfs	Max WSEL ft
BASI N2		415166		12.1000	113.14	
BASI N2	IN	415166		12.1000	113.14	
BASI N2	OUT	415166		12.3000	74.18	581.77
BASI N3A	AREA	1179491		12.1500	299.42	

asbuilt basin 1 2 and 4.txt

Node ID	Type	Area	Vol	Trun.	Qpeak	Max WSEL
BASI N3A		POND	1179491	12.1500	299.42	
BASI N3A	OUT	POND	1179576	12.4500	110.98	573.68
BASI N3B		POND	1197962	12.4000	112.38	
BASI N3B	OUT	POND	1197985	12.6500	109.60	569.20
BASI N3B		AREA	18387	12.0500	5.79	
BASI N4		AREA	145662	12.1500	38.16	
BASI N4	IN	POND	145662	12.1500	38.16	
BASI N4	OUT	POND	145662	12.5500	11.52	585.84
BASI N5		AREA	260841	12.1000	78.24	
BASI N5	IN	POND	260841	12.1000	78.24	
BASI N5	OUT	POND	260823	12.2500	50.84	558.95
BYPASS1		AREA	1285189	12.1500	302.90	
BYPASS2		AREA	2079438	12.1500	533.90	
BYPASS3		AREA	772769	12.1500	194.95	
J1		JCT	10941710	12.6000	1368.25	
J2		JCT	2705805	12.7000	160.71	
J3		JCT	13647480	12.6500	1526.80	
J4		JCT	15347770	12.7000	1613.23	
J5		JCT	16545670	12.8000	1696.62	

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Executive Summary (Nodes)

Page 2.12

Name... Watershed

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

NETWORK SUMMARY -- NODES

(Trun. = HYG Truncati on: Bl ank=None; L=Left; R=Rt; LR=Left & Rt)

Node ID	Type	HYG Vol cu. ft	Trun.	Qpeak hrs	Qpeak cfs	Max WSEL ft
J6	JCT	16691270		12.8500	1701.15	
OFFSITE1	AREA	623963		12.1000	171.48	
OFFSITE2	AREA	576773		12.2000	123.29	
ONSI TE1	AREA	1505099		12.1500	345.52	
Outfall OUT1	JCT	18770680		12.9000	1762.07	
Outfall OUT2	JCT	1033591		12.2000	236.76	
POND1	IN	POND	2705836	12.1500	622.12	
POND1	OUT	POND	2705805	12.7000	160.71	605.17
SUBAREA1	AREA	10941700		12.6000	1368.25	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Executive Summary (Links)

Page 2.13

Name... Watershed

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

NETWORK SUMMARY -- LINKS

(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)

(Trun. = HYG Truncati on: Bl ank=None; L=Left; R=Rt; LR=Left & Rt)

DEFAULT Design Storm File, ID = 2 Year

Storm Tag Name = 100

```

asbuilt basin 1 2 and 4.txt
Data Type, File, ID = Synthetic Storm Typell 24hr
Storm Frequency = 100 yr
Total Rainfall Depth= 7.0000 in
Duration Multiplier = 1
Resulting Duration = 24.0000 hrs
Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

```

-----  
ICPM CALCULATION TOLERANCES  
-----

```

Target Convergence= .000 cfs +/-
Max. Iterations = 35 loops
ICPM Time Step = .0500 hrs
Output Time Step = .0500 hrs
ICPM Ending Time = 35.0000 hrs

```

Link ID	Type		HYG Vol cu. ft	Trun.	Peak Time hrs	Peak Q cfs	End Points
ADDLINK 10	ADD	UN	623963		12.1000	171.48	OFFSITE1
		DL	623963		12.1000	171.48	
		DN	2705836		12.1500	622.12	POND1 IN
ADDLINK 100	ADD	UN	772769		12.1500	194.95	BYPASS3
		DL	772769		12.1500	194.95	
		DN	1033591		12.2000	236.76	OUT2
ADDLINK 110	ADD	UN	2079438		12.1500	533.90	BYPASS2
		DL	2079438		12.1500	533.90	
		DN	18770680		12.9000	1762.07	OUT1
ADDLINK 120	ADD	UN	260841		12.1000	78.24	BASIN5
		DL	260841		12.1000	78.24	
		DN	260841		12.1000	78.24	BASIN5 IN
ADDLINK 20	ADD	UN	1505099		12.1500	345.52	ONSITE1
		DL	1505099		12.1500	345.52	
		DN	2705836		12.1500	622.12	POND1 IN

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Executive Summary (Links)

Page 2.14

Name... Watershed

Event: 100 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Typell 24hr Tag: 100

NETWORK SUMMARY -- LINKS

(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)  
(Trun. = HYG Truncation: Blank=None; L=Left; R=Rt; LR=Left & Rt)

Link ID	Type		HYG Vol cu. ft	Trun.	Peak Time hrs	Peak Q cfs	End Points
ADDLINK 30	ADD	UN	576773		12.2000	123.29	OFFSITE2
		DL	576773		12.2000	123.29	
		DN	2705836		12.1500	622.12	POND1 IN
ADDLINK 40	ADD	UN	1285189		12.1500	302.90	BYPASS1
		DL	1285189		12.1500	302.90	
		DN	15347770		12.7000	1613.23	J4



asbuilt basin 1 2 and 4.txt

ADDLINK 50	ADD	UN	415166	12.1000	113.14	BASI N2	
		DL	415166	12.1000	113.14		
		DN	415166	12.1000	113.14	BASI N2	IN
ADDLINK 60	ADD	UN	1179491	12.1500	299.42	BASI N3A	
		DL	1179491	12.1500	299.42		
		DN	1179491	12.1500	299.42	BASI N3A	
ADDLINK 70	ADD	UN	18387	12.0500	5.79	BASI N3B	
		DL	18387	12.0500	5.79		
		DN	1197962	12.4000	112.38	BASI N3B	
ADDLINK 80	ADD	UN	145662	12.1500	38.16	BASI N4	
		DL	145662	12.1500	38.16		
		DN	145662	12.1500	38.16	BASI N4	IN
ADDLINK 90	ADD	UN	10941700	12.6000	1368.25	SUBAREA1	
		DL	10941700	12.6000	1368.25		
		DN	10941710	12.6000	1368.25	J1	
REACH 10	REACH	UN	2705805	12.7000	160.71	J2	
		DL	2705802	12.7000	160.68		
		DN	13647480	12.6500	1526.80	J3	
REACH 20	REACH	UN	13647480	12.6500	1526.80	J3	
		DL	13647410	12.7500	1510.31		
		DN	15347770	12.7000	1613.23	J4	
REACH 30	REACH	UN	15347770	12.7000	1613.23	J4	
		DL	15347690	12.8000	1589.79		
		DN	16545670	12.8000	1696.62	J5	

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Executive Summary (Links)

Page 2.15

Name... Watershed

Event: 100 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

NETWORK SUMMARY -- LINKS

(UN=Upstream Node; DL=DNstream End of Link; DN=DNstream Node)

(Trun. = HYG Truncation; Blank=None; L=Left; R=Rt; LR=Left & Rt)

Link ID	Type		HYG Vol cu. ft	Trun.	Peak Time hrs	Peak Q cfs	End Points
REACH 40	REACH	UN	16545670		12.8000	1696.62	J5
		DL	16545610		12.8500	1689.99	
		DN	16691270		12.8500	1701.15	J6
REACH 50	REACH	UN	10941710		12.6000	1368.25	J1
		DL	10941680		12.6500	1366.30	
		DN	13647480		12.6500	1526.80	J3
REACH 60	REACH	UN	16691270		12.8500	1701.15	J6
		DL	16691220		12.9500	1687.30	
		DN	18770680		12.9000	1762.07	OUT1
ROUTE 1	PONDrt	UN	2705836		12.1500	622.12	POND1 IN

asbuilt basin 1 2 and 4.txt

ROUTE 1			2705805	12.7000	160.71	POND1	OUT
	DL		2705805	12.7000	160.71		
	DN		2705805	12.7000	160.71	J2	
ROUTE 10	PONDrt	UN	1197962	12.4000	112.38	BASI N3B	IN
ROUTE 10			1197985	12.6500	109.60	BASI N3B	OUT
	DL		1197972	12.6500	109.60		
	DN		16545670	12.8000	1696.62	J5	
ROUTE 2	PONDrt	UN	415166	12.1000	113.14	BASI N2	IN
ROUTE 2			415166	12.3000	74.18	BASI N2	OUT
	DL		415166	12.3000	74.18		
	DN		15347770	12.7000	1613.23	J4	
ROUTE 20	PONDrt	UN	145662	12.1500	38.16	BASI N4	IN
ROUTE 20			145662	12.5500	11.52	BASI N4	OUT
	DL		145662	12.5500	11.52		
	DN		16691270	12.8500	1701.15	J6	
ROUTE 30	PONDrt	UN	1179491	12.1500	299.42	BASI N3A	IN
ROUTE 30			1179576	12.4500	110.98	BASI N3A	OUT
	DL		1179573	12.4500	110.98		
	DN		1197962	12.4000	112.38	BASI N3B	
ROUTE 60	PONDrt	UN	260841	12.1000	78.24	BASI N5	IN
ROUTE 60			260823	12.2500	50.84	BASI N5	OUT
	DL		260823	12.2500	50.84		
	DN		1033591	12.2000	236.76	OUT2	

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Network Calcs Sequence

Page 2.16

Name... Watershed

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASI N 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

NETWORK RUNOFF NODE SEQUENCE

Runoff Data		Apply to Node		Receivi ng Li nk	
SCS UH	OFFSI TE1	Subarea	OFFSI TE1	Add Hyd	OFFSI TE1
SCS UH	ONSI TE1	Subarea	ONSI TE1	Add Hyd	ONSI TE1
SCS UH	OFFSI TE2	Subarea	OFFSI TE2	Add Hyd	OFFSI TE2
SCS UH	BASI N2	Subarea	BASI N2	Add Hyd	BASI N2
SCS UH	BASI N3A	Subarea	BASI N3A	Add Hyd	BASI N3A
SCS UH	BASI N3B	Subarea	BASI N3B	Add Hyd	BASI N3B
SCS UH	BASI N4	Subarea	BASI N4	Add Hyd	BASI N4
SCS UH	SUBAREA1	Subarea	SUBAREA1	Add Hyd	SUBAREA1
SCS UH	BYPASS1	Subarea	BYPASS1	Add Hyd	BYPASS1
SCS UH	BYPASS2	Subarea	BYPASS2	Add Hyd	BYPASS2
SCS UH	BYPASS3	Subarea	BYPASS3	Add Hyd	BYPASS3
SCS UH	BASI N5	Subarea	BASI N5	Add Hyd	BASI N5

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Network Calcs Sequence

Page 2.17

Name... Watershed

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASI N 1 2 AND

4. PPW  
Storm... Type I 24hr Tag: 100

NETWORK ROUTING SEQUENCE

```

=====
Link Operation                UPstream Node                DNstream Node
=====
Add Hyd ADDLINK 20           Subarea ONSITE1              Pond POND1                   IN
Add Hyd ADDLINK 10           Subarea OFFSITE1             Pond POND1                   IN
Add Hyd ADDLINK 30           Subarea OFFSITE2             Pond POND1                   IN

POND ROUTE TOTAL OUTFLOW...
Total Pond Outflow          Pond POND1                   IN Outflow POND1            OUT

SET POND ROUTING LINK TO TOTAL POND OUTFLOW...
Outlet ROUTE 1              Outflow POND1                OUT Jct J2

Add Hyd ADDLINK 90           Subarea SUBAREA1             Jct J1

Reach REACH 50               Jct J1                        Jct J3
Reach REACH 10               Jct J2                        Jct J3

Add Hyd ADDLINK 50           Subarea BASIN2                Pond BASIN2                   IN

POND ROUTE TOTAL OUTFLOW...
Total Pond Outflow          Pond BASIN2                   IN Outflow BASIN2            OUT

SET POND ROUTING LINK TO TOTAL POND OUTFLOW...
Outlet ROUTE 2              Outflow BASIN2                OUT Jct J4

Reach REACH 20               Jct J3                        Jct J4
Add Hyd ADDLINK 40           Subarea BYPASS1              Jct J4
    
```

```

*****
BEGIN ICPM SEQUENCE (Top of calculation loop for one time step)
*****
    
```

```

Add Hyd ADDLINK 60           Subarea BASIN3A              Pond BASIN3A

POND ROUTE TOTAL OUTFLOW...
Total Pond Outflow          Pond BASIN3A                  Outflow BASIN3A            OUT

SET POND ROUTING LINK TO TOTAL POND OUTFLOW...
Outlet ROUTE 30              Outflow BASIN3A                OUT Pond BASIN3B

Add Hyd ADDLINK 70           Subarea BASIN3B              Pond BASIN3B

POND ROUTE TOTAL OUTFLOW...
Total Pond Outflow          Pond BASIN3B                  Outflow BASIN3B            OUT

SET POND ROUTING LINK TO TOTAL POND OUTFLOW...
Outlet ROUTE 10              Outflow BASIN3B                OUT Jct J5
    
```

```

*****
END ICPM SEQUENCE (Bottom of calculation loop for one time step)
*****
    
```

```

Reach REACH 30               Jct J4                        Jct J5
    
```



-----  
 Data Type, File, ID = Synthetic Storm Typell 24hr  
 Storm Frequency = 100 yr  
 Total Rainfall Depth= 7.0000 in  
 Duration Multiplier = 1  
 Resulting Duration = 24.0000 hrs  
 Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

S/N:  
 PondPack Ver: Compute Time: Date:

Type.... Design Storms Page 3.02  
 Name.... 2 Year Event: 15 yr  
 File.... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\  
 Storm... Typell 24hr Tag: 15

DESIGN STORMS SUMMARY

Design Storm File, ID = 2 Year

Storm Tag Name = 15

-----  
 Data Type, File, ID = Synthetic Storm Typell 24hr  
 Storm Frequency = 15 yr  
 Total Rainfall Depth= 5.2000 in  
 Duration Multiplier = 1  
 Resulting Duration = 24.0000 hrs  
 Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 25

-----  
 Data Type, File, ID = Synthetic Storm Typell 24hr  
 Storm Frequency = 25 yr  
 Total Rainfall Depth= 5.7000 in  
 Duration Multiplier = 1  
 Resulting Duration = 24.0000 hrs  
 Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

Storm Tag Name = 100

-----  
 Data Type, File, ID = Synthetic Storm Typell 24hr  
 Storm Frequency = 100 yr  
 Total Rainfall Depth= 7.0000 in  
 Duration Multiplier = 1  
 Resulting Duration = 24.0000 hrs  
 Resulting Start Time= .0000 hrs Step= .1000 hrs End= 24.0000 hrs

S/N:  
 PondPack Ver: Compute Time: Date:

Type.... Synthetic Curve Page 4.01  
 Name.... Typell 24hr Tag: 15  
 File.... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\  
 Storm... Typell 24hr Tag: 15

CUMULATIVE RAINFALL FRACTIONS  
 Output Time increment = .1000 hrs  
 Time on left represents time for first value in each row.

Time hrs	.000	.001	.002	.003	.004
.0000	.000	.001	.002	.003	.004
.5000	.005	.006	.007	.008	.009

asbuilt basin 1 2 and 4.txt

1. 0000	. 011	. 012	. 013	. 014	. 015
1. 5000	. 016	. 017	. 018	. 020	. 021
2. 0000	. 022	. 023	. 024	. 026	. 027
2. 5000	. 028	. 029	. 031	. 032	. 033
3. 0000	. 035	. 036	. 037	. 038	. 040
3. 5000	. 041	. 042	. 044	. 045	. 047
4. 0000	. 048	. 049	. 051	. 052	. 054
4. 5000	. 055	. 057	. 058	. 060	. 061
5. 0000	. 063	. 065	. 066	. 068	. 070
5. 5000	. 071	. 073	. 075	. 076	. 078
6. 0000	. 080	. 082	. 084	. 085	. 087
6. 5000	. 089	. 091	. 093	. 095	. 097
7. 0000	. 099	. 101	. 103	. 105	. 107
7. 5000	. 109	. 111	. 113	. 116	. 118
8. 0000	. 120	. 122	. 125	. 127	. 130
8. 5000	. 132	. 135	. 138	. 141	. 144
9. 0000	. 147	. 150	. 153	. 157	. 160
9. 5000	. 163	. 166	. 170	. 173	. 177
10. 0000	. 181	. 185	. 189	. 194	. 199
10. 5000	. 204	. 209	. 215	. 221	. 228
11. 0000	. 235	. 243	. 251	. 261	. 271
11. 5000	. 283	. 307	. 354	. 431	. 568
12. 0000	. 663	. 682	. 699	. 713	. 725
12. 5000	. 735	. 743	. 751	. 759	. 766
13. 0000	. 772	. 778	. 784	. 789	. 794
13. 5000	. 799	. 804	. 808	. 812	. 816
14. 0000	. 820	. 824	. 827	. 831	. 834
14. 5000	. 838	. 841	. 844	. 847	. 850
15. 0000	. 854	. 856	. 859	. 862	. 865
15. 5000	. 868	. 870	. 873	. 875	. 878
16. 0000	. 880	. 882	. 885	. 887	. 889
16. 5000	. 891	. 893	. 895	. 898	. 900
17. 0000	. 902	. 904	. 906	. 908	. 910
17. 5000	. 912	. 914	. 915	. 917	. 919
18. 0000	. 921	. 923	. 925	. 926	. 928
18. 5000	. 930	. 931	. 933	. 935	. 936
19. 0000	. 938	. 939	. 941	. 942	. 944
19. 5000	. 945	. 947	. 948	. 949	. 951
20. 0000	. 952	. 953	. 955	. 956	. 957
20. 5000	. 958	. 960	. 961	. 962	. 964
21. 0000	. 965	. 966	. 967	. 968	. 970
21. 5000	. 971	. 972	. 973	. 975	. 976

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Synthetic Curve

Page 4. 02

Name... TypeII 24hr Tag: 15

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

CUMULATIVE RAINFALL FRACTIONS  
Output Time increment = .1000 hrs  
Time on left represents time for first value in each row.

Time hrs					
22. 0000	. 977	. 978	. 979	. 981	. 982
22. 5000	. 983	. 984	. 985	. 986	. 988
23. 0000	. 989	. 990	. 991	. 992	. 993
23. 5000	. 994	. 996	. 997	. 998	. 999
24. 0000	1. 000				

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Synthetic Cumulative Depth  
 Name... TypeII 24hr Tag: 15  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 15

CUMULATIVE RAINFALL DEPTHS (in)  
 Output Time increment = .1000 hrs  
 Time on left represents time for first value in each row.

Time hrs					
.0000	.0000	.0053	.0105	.0159	.0212
.5000	.0267	.0321	.0377	.0433	.0489
1.0000	.0546	.0604	.0661	.0720	.0779
1.5000	.0839	.0899	.0959	.1020	.1082
2.0000	.1144	.1207	.1270	.1334	.1398
2.5000	.1463	.1528	.1594	.1660	.1727
3.0000	.1794	.1862	.1930	.1999	.2069
3.5000	.2139	.2209	.2280	.2351	.2424
4.0000	.2496	.2569	.2644	.2719	.2796
4.5000	.2873	.2952	.3031	.3112	.3193
5.0000	.3276	.3360	.3444	.3530	.3617
5.5000	.3705	.3794	.3884	.3975	.4067
6.0000	.4160	.4254	.4349	.4445	.4543
6.5000	.4641	.4740	.4841	.4942	.5045
7.0000	.5148	.5253	.5358	.5465	.5572
7.5000	.5681	.5791	.5901	.6013	.6126
8.0000	.6240	.6357	.6479	.6607	.6739
8.5000	.6877	.7020	.7168	.7322	.7480
9.0000	.7644	.7810	.7977	.8143	.8310
9.5000	.8476	.8647	.8825	.9013	.9208
10.0000	.9412	.9626	.9853	1.0092	1.0344
10.5000	1.0608	1.0889	1.1190	1.1513	1.1856
11.0000	1.2220	1.2619	1.3069	1.3568	1.4117
11.5000	1.4716	1.5956	1.8427	2.2401	2.9529
12.0000	3.4476	3.5462	3.6329	3.7078	3.7708
12.5000	3.8220	3.8659	3.9071	3.9456	3.9813
13.0000	4.0144	4.0454	4.0749	4.1030	4.1296
13.5000	4.1548	4.1787	4.2016	4.2234	4.2442
14.0000	4.2640	4.2831	4.3018	4.3201	4.3380
14.5000	4.3557	4.3729	4.3898	4.4063	4.4224
15.0000	4.4382	4.4536	4.4687	4.4834	4.4977
15.5000	4.5117	4.5252	4.5385	4.5514	4.5639
16.0000	4.5760	4.5879	4.5997	4.6113	4.6228
16.5000	4.6342	4.6454	4.6565	4.6675	4.6784
17.0000	4.6891	4.6997	4.7102	4.7205	4.7307
17.5000	4.7408	4.7507	4.7605	4.7702	4.7798
18.0000	4.7892	4.7985	4.8077	4.8167	4.8256
18.5000	4.8344	4.8430	4.8515	4.8599	4.8682
19.0000	4.8763	4.8843	4.8922	4.8999	4.9075
19.5000	4.9150	4.9223	4.9295	4.9366	4.9436
20.0000	4.9504	4.9572	4.9639	4.9706	4.9772
20.5000	4.9839	4.9905	4.9971	5.0036	5.0102
21.0000	5.0167	5.0232	5.0296	5.0361	5.0425
21.5000	5.0489	5.0552	5.0616	5.0679	5.0742

S/N:  
 PondPack Ver: Compute Time: Date:

♀

Type... Synthetic Cumulative Depth  
 Name... TypeII 24hr Tag: 15  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 15

asbuilt basin 1 2 and 4.txt

Output Time increment = .1000 hrs

Time on left represents time for first value in each row.

Time hrs					
22.0000	5.0804	5.0866	5.0928	5.0990	5.1052
22.5000	5.1113	5.1174	5.1235	5.1295	5.1355
23.0000	5.1415	5.1475	5.1534	5.1593	5.1652
23.5000	5.1711	5.1769	5.1827	5.1885	5.1943
24.0000	5.2000				

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Synthetic Curve

Page 4.05

Name... Type I 24hr

Tag: 25

File... \\2serverprsr\PondPack\Elmer-j obs\Di erberg Tract\

CUMULATIVE RAINFALL FRACTIONS

Output Time increment = .1000 hrs

Time on left represents time for first value in each row.

Time hrs					
.0000	.000	.001	.002	.003	.004
.5000	.005	.006	.007	.008	.009
1.0000	.011	.012	.013	.014	.015
1.5000	.016	.017	.018	.020	.021
2.0000	.022	.023	.024	.026	.027
2.5000	.028	.029	.031	.032	.033
3.0000	.035	.036	.037	.038	.040
3.5000	.041	.042	.044	.045	.047
4.0000	.048	.049	.051	.052	.054
4.5000	.055	.057	.058	.060	.061
5.0000	.063	.065	.066	.068	.070
5.5000	.071	.073	.075	.076	.078
6.0000	.080	.082	.084	.085	.087
6.5000	.089	.091	.093	.095	.097
7.0000	.099	.101	.103	.105	.107
7.5000	.109	.111	.113	.116	.118
8.0000	.120	.122	.125	.127	.130
8.5000	.132	.135	.138	.141	.144
9.0000	.147	.150	.153	.157	.160
9.5000	.163	.166	.170	.173	.177
10.0000	.181	.185	.189	.194	.199
10.5000	.204	.209	.215	.221	.228
11.0000	.235	.243	.251	.261	.271
11.5000	.283	.307	.354	.431	.568
12.0000	.663	.682	.699	.713	.725
12.5000	.735	.743	.751	.759	.766
13.0000	.772	.778	.784	.789	.794
13.5000	.799	.804	.808	.812	.816
14.0000	.820	.824	.827	.831	.834
14.5000	.838	.841	.844	.847	.850
15.0000	.854	.856	.859	.862	.865
15.5000	.868	.870	.873	.875	.878
16.0000	.880	.882	.885	.887	.889
16.5000	.891	.893	.895	.898	.900
17.0000	.902	.904	.906	.908	.910
17.5000	.912	.914	.915	.917	.919
18.0000	.921	.923	.925	.926	.928
18.5000	.930	.931	.933	.935	.936
19.0000	.938	.939	.941	.942	.944
19.5000	.945	.947	.948	.949	.951
20.0000	.952	.953	.955	.956	.957
20.5000	.958	.960	.961	.962	.964
21.0000	.965	.966	.967	.968	.970



21.5000 | .971 asbuilt basin 1 2 and 4.txt .972 .973 .975 .976

S/N:  
PondPack Ver: Compute Time: Date:

♀

Type... Synthetic Curve Page 4.06  
Name... TypeII 24hr Tag: 25  
File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

CUMULATIVE RAINFALL FRACTIONS  
Output Time increment = .1000 hrs  
Time on left represents time for first value in each row.

Time hrs					
22.0000	.977	.978	.979	.981	.982
22.5000	.983	.984	.985	.986	.988
23.0000	.989	.990	.991	.992	.993
23.5000	.994	.996	.997	.998	.999
24.0000	1.000				

S/N:  
PondPack Ver: Compute Time: Date:

♀

Type... Synthetic Cumulative Depth Page 4.07  
Name... TypeII 24hr Tag: 25 Event: 25 yr  
File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
Storm... TypeII 24hr Tag: 25

CUMULATIVE RAINFALL DEPTHS (in)  
Output Time increment = .1000 hrs  
Time on left represents time for first value in each row.

Time hrs					
.0000	.0000	.0058	.0115	.0174	.0233
.5000	.0292	.0352	.0413	.0474	.0536
1.0000	.0599	.0662	.0725	.0789	.0854
1.5000	.0919	.0985	.1052	.1118	.1186
2.0000	.1254	.1323	.1392	.1462	.1532
2.5000	.1603	.1675	.1747	.1819	.1893
3.0000	.1967	.2041	.2116	.2192	.2267
3.5000	.2344	.2421	.2499	.2578	.2657
4.0000	.2736	.2816	.2898	.2981	.3064
4.5000	.3149	.3235	.3323	.3411	.3500
5.0000	.3591	.3683	.3776	.3870	.3965
5.5000	.4061	.4159	.4257	.4357	.4458
6.0000	.4560	.4663	.4767	.4873	.4980
6.5000	.5087	.5196	.5306	.5417	.5530
7.0000	.5643	.5758	.5873	.5990	.6108
7.5000	.6227	.6348	.6469	.6591	.6715
8.0000	.6840	.6968	.7102	.7242	.7387
8.5000	.7538	.7695	.7857	.8026	.8199
9.0000	.8379	.8561	.8744	.8926	.9109
9.5000	.9291	.9478	.9674	.9879	1.0094
10.0000	1.0317	1.0552	1.0800	1.1063	1.1338
10.5000	1.1628	1.1936	1.2266	1.2620	1.2996
11.0000	1.3395	1.3833	1.4325	1.4872	1.5474
11.5000	1.6131	1.7490	2.0199	2.4555	3.2368
12.0000	3.7791	3.8872	3.9822	4.0643	4.1334
12.5000	4.1895	4.2376	4.2828	4.3249	4.3641
13.0000	4.4004	4.4344	4.4667	4.4975	4.5267
13.5000	4.5543	4.5805	4.6056	4.6295	4.6523
14.0000	4.6740	4.6949	4.7154	4.7355	4.7552
14.5000	4.7745	4.7934	4.8119	4.8300	4.8477
15.0000	4.8650	4.8819	4.8984	4.9145	4.9302
15.5000	4.9455	4.9604	4.9749	4.9890	5.0027



asbuilt basin 1 2 and 4.txt

10. 5000	. 204	. 209	. 215	. 221	. 228
11. 0000	. 235	. 243	. 251	. 261	. 271
11. 5000	. 283	. 307	. 354	. 431	. 568
12. 0000	. 663	. 682	. 699	. 713	. 725
12. 5000	. 735	. 743	. 751	. 759	. 766
13. 0000	. 772	. 778	. 784	. 789	. 794
13. 5000	. 799	. 804	. 808	. 812	. 816
14. 0000	. 820	. 824	. 827	. 831	. 834
14. 5000	. 838	. 841	. 844	. 847	. 850
15. 0000	. 854	. 856	. 859	. 862	. 865
15. 5000	. 868	. 870	. 873	. 875	. 878
16. 0000	. 880	. 882	. 885	. 887	. 889
16. 5000	. 891	. 893	. 895	. 898	. 900
17. 0000	. 902	. 904	. 906	. 908	. 910
17. 5000	. 912	. 914	. 915	. 917	. 919
18. 0000	. 921	. 923	. 925	. 926	. 928
18. 5000	. 930	. 931	. 933	. 935	. 936
19. 0000	. 938	. 939	. 941	. 942	. 944
19. 5000	. 945	. 947	. 948	. 949	. 951
20. 0000	. 952	. 953	. 955	. 956	. 957
20. 5000	. 958	. 960	. 961	. 962	. 964
21. 0000	. 965	. 966	. 967	. 968	. 970
21. 5000	. 971	. 972	. 973	. 975	. 976

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Synthetic Curve

Page 4. 10

Name... TypeII 24hr Tag: 100

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

CUMULATIVE RAINFALL FRACTIONS  
Output Time increment = .1000 hrs  
Time on left represents time for first value in each row.

Time hrs					
22. 0000	. 977	. 978	. 979	. 981	. 982
22. 5000	. 983	. 984	. 985	. 986	. 988
23. 0000	. 989	. 990	. 991	. 992	. 993
23. 5000	. 994	. 996	. 997	. 998	. 999
24. 0000	1. 000				

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Synthetic Cumulative Depth

Page 4. 11

Name... TypeII 24hr Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

CUMULATIVE RAINFALL DEPTHS (in)  
Output Time increment = .1000 hrs  
Time on left represents time for first value in each row.

Time hrs					
. 0000	. 0000	. 0071	. 0141	. 0214	. 0286
. 5000	. 0359	. 0433	. 0508	. 0582	. 0659
1. 0000	. 0735	. 0813	. 0890	. 0969	. 1049
1. 5000	. 1129	. 1210	. 1292	. 1373	. 1457
2. 0000	. 1540	. 1625	. 1709	. 1796	. 1882
2. 5000	. 1969	. 2057	. 2146	. 2234	. 2325
3. 0000	. 2415	. 2507	. 2598	. 2692	. 2785
3. 5000	. 2879	. 2974	. 3070	. 3165	. 3263
4. 0000	. 3360	. 3459	. 3559	. 3660	. 3763
4. 5000	. 3868	. 3973	. 4080	. 4189	. 4299

asbuilt basin 1 2 and 4.txt

5. 0000	. 4410	. 4523	. 4637	. 4752	. 4869
5. 5000	. 4988	. 5107	. 5228	. 5351	. 5475
6. 0000	. 5600	. 5727	. 5855	. 5984	. 6115
6. 5000	. 6248	. 6381	. 6516	. 6653	. 6791
7. 0000	. 6930	. 7071	. 7213	. 7356	. 7501
7. 5000	. 7648	. 7795	. 7944	. 8095	. 8247
8. 0000	. 8400	. 8558	. 8722	. 8894	. 9072
8. 5000	. 9258	. 9450	. 9650	. 9856	1. 0070
9. 0000	1. 0290	1. 0514	1. 0738	1. 0962	1. 1186
9. 5000	1. 1410	1. 1640	1. 1880	1. 2132	1. 2396
10. 0000	1. 2670	1. 2958	1. 3264	1. 3586	1. 3924
10. 5000	1. 4280	1. 4658	1. 5064	1. 5498	1. 5960
11. 0000	1. 6450	1. 6988	1. 7592	1. 8264	1. 9004
11. 5000	1. 9810	2. 1479	2. 4805	3. 0155	3. 9750
12. 0000	4. 6410	4. 7737	4. 8905	4. 9913	5. 0761
12. 5000	5. 1450	5. 2041	5. 2595	5. 3113	5. 3595
13. 0000	5. 4040	5. 4457	5. 4855	5. 5233	5. 5591
13. 5000	5. 5930	5. 6252	5. 6560	5. 6854	5. 7134
14. 0000	5. 7400	5. 7657	5. 7908	5. 8155	5. 8397
14. 5000	5. 8634	5. 8866	5. 9093	5. 9315	5. 9533
15. 0000	5. 9745	5. 9953	6. 0155	6. 0353	6. 0546
15. 5000	6. 0734	6. 0917	6. 1095	6. 1268	6. 1437
16. 0000	6. 1600	6. 1760	6. 1919	6. 2075	6. 2230
16. 5000	6. 2383	6. 2535	6. 2684	6. 2832	6. 2978
17. 0000	6. 3123	6. 3265	6. 3406	6. 3545	6. 3683
17. 5000	6. 3818	6. 3952	6. 4084	6. 4215	6. 4343
18. 0000	6. 4470	6. 4595	6. 4719	6. 4840	6. 4960
18. 5000	6. 5078	6. 5195	6. 5309	6. 5422	6. 5533
19. 0000	6. 5643	6. 5750	6. 5856	6. 5960	6. 6063
19. 5000	6. 6163	6. 6262	6. 6359	6. 6455	6. 6548
20. 0000	6. 6640	6. 6731	6. 6821	6. 6912	6. 7001
20. 5000	6. 7091	6. 7180	6. 7269	6. 7357	6. 7445
21. 0000	6. 7533	6. 7620	6. 7707	6. 7794	6. 7880
21. 5000	6. 7966	6. 8051	6. 8137	6. 8221	6. 8306

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Synthetic Cumulative Depth

Page 4. 12

Name... Type I 24hr Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... Type I 24hr Tag: 100

CUMULATIVE RAINFALL DEPTHS (in)

Output Time increment = .1000 hrs

Time on left represents time for first value in each row.

Time hrs	CUMULATIVE RAINFALL DEPTHS (in)				
22. 0000	6. 8390	6. 8474	6. 8557	6. 8641	6. 8723
22. 5000	6. 8806	6. 8888	6. 8970	6. 9051	6. 9132
23. 0000	6. 9213	6. 9293	6. 9373	6. 9453	6. 9532
23. 5000	6. 9611	6. 9689	6. 9768	6. 9845	6. 9923
24. 0000	7. 0000				

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Tc Cal cs

Page 5. 01

Name... BASI N2

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

.....

TIME OF CONCENTRATION CALCULATOR

.....

-----

Segment #1: Tc: TR-55 Sheet

Mannings n .2400  
 Hydraulic Length 225.00 ft  
 2yr, 24hr P 3.5000 in  
 Slope .036000 ft/ft  
 Avg. Velocity .18 ft/sec

Segment #1 Time: .3439 hrs

-----

Segment #2: Tc: TR-55 Channel

Flow Area 3.9760 sq. ft  
 Wetted Perimeter 7.07 ft  
 Hydraulic Radius .56 ft  
 Slope .023000 ft/ft  
 Mannings n .0130  
 Hydraulic Length 1600.00 ft  
 Avg. Velocity 11.84 ft/sec

Segment #2 Time: .0375 hrs

-----

=====  
 Total Tc: .3814 hrs  
 =====

S/N:  
 PondPack Ver: Compute Time: Date:  
 † Type... Tc Calcs Page 5.02  
 Name... BASIN2

File... \\serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

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

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

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

==== SCS Channel Flow =====

asbuilt basin 1 2 and 4.txt

$$R = Aq / Wp$$

$$V = (1.49 * (R^{2/3}) * (Sf^{-0.5})) / n$$

$$Tc = (Lf / V) / (3600\text{sec/hr})$$

Where: R = Hydraulic radius  
 Aq = Flow area, sq. ft.  
 Wp = Wetted perimeter, ft  
 V = Velocity, ft/sec  
 Sf = Slope, ft/ft  
 n = Mannings n  
 Tc = Time of concentration, hrs  
 Lf = Flow length, ft

S/N:

PondPack Ver:

Compute Time:

Date:

†

Type. . . . Tc Calcs  
 Name. . . . BASIN3A

Page 5.03

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

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

Segment #1: Tc: TR-55 Sheet

Mannings n .1300  
 Hydraulic Length 300.00 ft  
 2yr, 24hr P 3.5000 in  
 Slope .030000 ft/ft  
 Avg. Velocity .29 ft/sec

Segment #1 Time: .2851 hrs

Segment #2: Tc: TR-55 Shallow

Hydraulic Length 700.00 ft  
 Slope .050000 ft/ft  
 Unpaved  
 Avg. Velocity 3.61 ft/sec

Segment #2 Time: .0539 hrs

Segment #3: Tc: TR-55 Channel

Flow Area 45.0000 sq. ft  
 Wetted Perimeter 20.00 ft  
 Hydraulic Radius 2.25 ft  
 Slope .010000 ft/ft  
 Mannings n .0500

asbuilt basin 1 2 and 4.txt  
Hydraulic Length 1700.00 ft  
Avg. Velocity 5.12 ft/sec

Segment #3 Time: .0923 hrs

=====  
Total Tc: .4313 hrs  
=====

S/N:  
PondPack Ver: Compute Time: Date:

♀ Type... Tc Calcs Page 5.04  
Name... BASIN3A

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

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

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

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

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

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

Unpaved surface:  
 $V = 16.1345 * (Sf**.5)$

Paved surface:  
 $V = 20.3282 * (Sf**.5)$

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

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

S/N:  
PondPack Ver: Compute Time: Date:

♀ Type... Tc Calcs Page 5.05  
Name... BASIN3A

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

==== SCS Channel Flow =====







Tc Equations used...

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

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

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

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

Unpaved surface:
V = 16.1345 \* (Sf\*\*.5)

Paved surface:
V = 20.3282 \* (Sf\*\*.5)

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

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

S/N:
PondPack Ver: Compute Time: Date:

Type... Tc Calcs Page 5.10
Name... BASIN5

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

TIME OF CONCENTRATION CALCULATOR

Segment #1: Tc: TR-55 Sheet

Mannings n .2400
Hydraulic Length 140.00 ft
2yr, 24hr P 3.5000 in
Slope .075000 ft/ft

Avg. Velocity .22 ft/sec

Segment #1 Time: .1754 hrs

Segment #2: Tc: TR-55 Sheet

asbuilt basin 1 2 and 4.txt

Mannings n .4000  
Hydraulic Length 80.00 ft  
2yr, 24hr P 3.5000 in  
Slope .225000 ft/ft  
Avg. Velocity .20 ft/sec

Segment #2 Time: .1087 hrs

Segment #3: Tc: TR-55 Shallow

Hydraulic Length 275.00 ft  
Slope .100000 ft/ft  
Unpaved  
Avg. Velocity 5.10 ft/sec

Segment #3 Time: .0150 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Tc Calcs  
Name... BASIN5

Page 5.11

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

Segment #4: Tc: TR-55 Channel

Flow Area 25.0000 sq. ft  
Wetted Perimeter 15.00 ft  
Hydraulic Radius 1.67 ft  
Slope .072000 ft/ft  
Mannings n .0450  
Hydraulic Length 390.00 ft  
Avg. Velocity 12.49 ft/sec

Segment #4 Time: .0087 hrs

=====  
Total Tc: .3078 hrs  
=====

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Tc Calcs  
Name... BASIN5

Page 5.12

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

Tc Equations used...

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

asbuilt basin 1 2 and 4.txt

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

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

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

Unpaved surface:  
V = 16.1345 \* (Sf\*\*.5)

Paved surface:  
V = 20.3282 \* (Sf\*\*.5)

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

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

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Tc Calcs  
Name. . . . BASIN5

Page 5.13

File. . . . \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

==== SCS Channel Flow =====

$$R = Aq / Wp$$
$$V = (1.49 * (R**(2/3)) * (Sf**-.5)) / n$$

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

Where: R = Hydraulic radius  
Aq = Flow area, sq. ft.  
Wp = Wetted perimeter, ft  
V = Velocity, ft/sec  
Sf = Slope, ft/ft  
n = Mannings n  
Tc = Time of concentration, hrs  
Lf = Flow length, ft

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Tc Calcs  
Name. . . . BYPASS1

Page 5.14

File. . . . \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

.....  
TIME OF CONCENTRATION CALCULATOR

asbuilt basin 1 2 and 4.txt

.....

Segment #1: Tc: TR-55 Sheet

Mannings n .2400  
Hydraulic Length 250.00 ft  
2yr, 24hr P 3.5000 in  
Slope .028000 ft/ft  
Avg. Velocity .17 ft/sec

Segment #1 Time: .4137 hrs

Segment #2: Tc: TR-55 Channel

Flow Area 7.0690 sq. ft  
Wetted Perimeter 9.43 ft  
Hydraulic Radius .75 ft  
Slope .026000 ft/ft  
Mannings n .0130  
Hydraulic Length 2235.00 ft  
Avg. Velocity 15.26 ft/sec

Segment #2 Time: .0407 hrs

=====  
Total Tc: .4544 hrs  
=====

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Tc Calcs  
Name... BYPASS1

Page 5.15

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

Tc Equations used...

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

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

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

==== SCS Channel Flow =====

asbuilt basin 1 2 and 4.txt

$$R = Aq / Wp$$

$$V = (1.49 * (R^{2/3}) * (Sf^{-0.5})) / n$$

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

Where: R = Hydraulic radius  
 Aq = Flow area, sq. ft.  
 Wp = Wetted perimeter, ft  
 V = Velocity, ft/sec  
 Sf = Slope, ft/ft  
 n = Mannings n  
 Tc = Time of concentration, hrs  
 Lf = Flow length, ft

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type.... Tc Calcs  
 Name.... BYPASS2

Page 5.16

File.... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

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

Segment #1: Tc: TR-55 Sheet

Mannings n .2400  
 Hydraulic Length 270.00 ft  
 2yr, 24hr P 3.5000 in  
 Slope .039000 ft/ft  
 Avg. Velocity .19 ft/sec

Segment #1 Time: .3854 hrs

Segment #2: Tc: TR-55 Channel

Flow Area 3.1410 sq. ft  
 Wetted Perimeter 6.28 ft  
 Hydraulic Radius .50 ft  
 Slope .031400 ft/ft  
 Mannings n .0130  
 Hydraulic Length 1465.00 ft  
 Avg. Velocity 12.79 ft/sec

Segment #2 Time: .0318 hrs

=====  
 Total Tc: .4172 hrs  
 =====

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Tc Calcs  
Name... BYPASS2

Page 5.17

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

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

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

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

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

==== SCS Channel Flow =====

$$R = Aq / Wp$$
$$V = (1.49 * (R**(2/3)) * (Sf**-0.5)) / n$$
$$Tc = (Lf / V) / (3600sec/hr)$$

Where: R = Hydraulic radius  
Aq = Flow area, sq. ft.  
Wp = Wetted perimeter, ft  
V = Velocity, ft/sec  
Sf = Slope, ft/ft  
n = Mannings n  
Tc = Time of concentration, hrs  
Lf = Flow length, ft

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Tc Calcs  
Name... BYPASS3

Page 5.18

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

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

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

Mannings n .2400  
Hydraulic Length 100.00 ft  
2yr, 24hr P 3.5000 in

Slope .050000 ft/ft

Avg. Velocity .18 ft/sec

Segment #1 Time: .1576 hrs

-----  
 Segment #2: Tc: TR-55 Sheet

Manning's n .4000  
 Hydraulic Length 200.00 ft  
 2yr, 24hr P 3.5000 in  
 Slope .170000 ft/ft

Avg. Velocity .22 ft/sec

Segment #2 Time: .2531 hrs

-----  
 Segment #3: Tc: TR-55 Channel

Flow Area 30.0000 sq. ft  
 Wetted Perimeter 25.00 ft  
 Hydraulic Radius 1.20 ft  
 Slope .100000 ft/ft  
 Manning's n .0450  
 Hydraulic Length 730.00 ft

Avg. Velocity 11.82 ft/sec

Segment #3 Time: .0171 hrs

-----  
 Total Tc: .4279 hrs  
 =====

S/N:  
 PondPack Ver: Compute Time: Date:  
 † Type... Tc Calcs Page 5.19  
 Name... BYPASS3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

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

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

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

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

==== SCS Channel Flow =====



asbuilt basin 1 2 and 4.txt

$$R = Aq / Wp$$

$$V = (1.49 * (R^{2/3}) * (Sf^{-0.5})) / n$$

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

Where: R = Hydraulic radius  
 Aq = Flow area, sq. ft.  
 Wp = Wetted perimeter, ft  
 V = Velocity, ft/sec  
 Sf = Slope, ft/ft  
 n = Mannings n  
 Tc = Time of concentration, hrs  
 Lf = Flow length, ft

S/N:

PondPack Ver:

Compute Time:

Date:

†

Type.... Tc Calcs  
 Name.... OFFSITE1

Page 5.20

File.... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

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

Segment #1: Tc: TR-55 Sheet

Mannings n .1300  
 Hydraulic Length 300.00 ft  
 2yr, 24hr P 3.5000 in  
 Slope .040000 ft/ft  
 Avg. Velocity .33 ft/sec

Segment #1 Time: .2542 hrs

Segment #2: Tc: TR-55 Shallow

Hydraulic Length 585.00 ft  
 Slope .051000 ft/ft  
 Unpaved  
 Avg. Velocity 3.64 ft/sec

Segment #2 Time: .0446 hrs

Segment #3: Tc: TR-55 Channel

Flow Area 25.0000 sq. ft  
 Wetted Perimeter 20.00 ft  
 Hydraulic Radius 1.25 ft  
 Slope .025000 ft/ft  
 Mannings n .0450

asbuilt basin 1 2 and 4.txt  
 Hydraulic Length 785.00 ft  
 Avg. Velocity 6.08 ft/sec

Segment #3 Time: .0359 hrs

-----  
 S/N:  
 PondPack Ver: Compute Time: Date:  
 † Type... Tc Calcs Page 5.21  
 Name... OFFSITE1

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

Segment #4: Tc: TR-55 Channel  
 Flow Area 12.5660 sq. ft  
 Wetted Perimeter 12.57 ft  
 Hydraulic Radius 1.00 ft  
 Slope .013000 ft/ft  
 Mannings n .0130  
 Hydraulic Length 130.00 ft  
 Avg. Velocity 13.07 ft/sec

Segment #4 Time: .0028 hrs

=====  
 Total Tc: .3374 hrs  
 =====

S/N:  
 PondPack Ver: Compute Time: Date:  
 † Type... Tc Calcs Page 5.22  
 Name... OFFSITE1

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

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

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

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

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

Unpaved surface:  
 $V = 16.1345 * (Sf**.5)$

asbuilt basin 1 2 and 4.txt

Paved surface:

$$V = 20.3282 * (Sf^{0.5})$$

$$Tc = (Lf / V) / (3600\text{sec/hr})$$

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

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Tc Calcs

Page 5.23

Name... OFFSITE1

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

==== SCS Channel Flow =====

$$R = Aq / Wp$$
$$V = (1.49 * (R^{2/3}) * (Sf^{-0.5})) / n$$

$$Tc = (Lf / V) / (3600\text{sec/hr})$$

Where: R = Hydraulic radius  
Aq = Flow area, sq. ft.  
Wp = Wetted perimeter, ft  
V = Velocity, ft/sec  
Sf = Slope, ft/ft  
n = Mannings n  
Tc = Time of concentration, hrs  
Lf = Flow length, ft

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Tc Calcs

Page 5.24

Name... OFFSITE2

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

-----

Segment #1: Tc: TR-55 Sheet

Mannings n .1900  
Hydraulic Length 300.00 ft  
2yr, 24hr P 3.5000 in  
Slope .020000 ft/ft

Avg. Velocity .18 ft/sec

Segment #1 Time: .4543 hrs

Segment #2: Tc: TR-55 Shallow

Hydraulic Length 350.00 ft  
Slope .020000 ft/ft  
Unpaved

Avg. Velocity 2.28 ft/sec

Segment #2 Time: .0426 hrs

Segment #3: Tc: TR-55 Channel

Flow Area 9.6210 sq. ft  
Wetted Perimeter 11.00 ft  
Hydraulic Radius .87 ft  
Slope .012000 ft/ft  
Mannings n .0130  
Hydraulic Length 2370.00 ft

Avg. Velocity 11.48 ft/sec

Segment #3 Time: .0573 hrs

=====  
Total Tc: .5542 hrs  
=====

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Tc Calcs  
Name... OFFSITE2

Page 5.25

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

Tc Equations used...

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

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

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

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

Unpaved surface:  
 $V = 16.1345 * (Sf**.5)$

asbuilt basin 1 2 and 4.txt

Paved surface:

$$V = 20.3282 * (Sf^{.5})$$

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

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

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Tc Calcs  
Name... OFFSITE2

Page 5.26

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

==== SCS Channel Flow =====

$$R = Aq / Wp$$
$$V = (1.49 * (R^{(2/3)}) * (Sf^{-.5})) / n$$

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

Where: R = Hydraulic radius  
Aq = Flow area, sq. ft.  
Wp = Wetted perimeter, ft  
V = Velocity, ft/sec  
Sf = Slope, ft/ft  
n = Mannings n  
Tc = Time of concentration, hrs  
Lf = Flow length, ft

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Tc Calcs  
Name... ONSITE1

Page 5.27

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

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

-----

Segment #1: Tc: TR-55 Sheet

Mannings n .2400  
Hydraulic Length 210.00 ft  
2yr, 24hr P 3.5000 in  
Slope .020000 ft/ft  
Avg. Velocity .14 ft/sec

Segment #1 Time: .4117 hrs

Segment #2: Tc: TR-55 Channel

Flow Area 9.6210 sq. ft  
 Wetted Perimeter 11.00 ft  
 Hydraulic Radius .87 ft  
 Slope .012000 ft/ft  
 Mannings n .0130  
 Hydraulic Length 2910.00 ft

Avg. Velocity 11.48 ft/sec

Segment #2 Time: .0704 hrs

=====  
 Total Tc: .4821 hrs  
 =====

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Tc Calcs

Page 5.28

Name... ONSITE1

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

Tc Equations used...

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

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

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

==== SCS Channel Flow =====

$$R = Aq / Wp$$

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

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

Where: R = Hydraulic radius  
 Aq = Flow area, sq. ft.  
 Wp = Wetted perimeter, ft  
 V = Velocity, ft/sec  
 Sf = Slope, ft/ft  
 n = Mannings n  
 Tc = Time of concentration, hrs  
 Lf = Flow length, ft

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Tc Cal cs  
Name. . . . SUBAREA1

4. PPW File. . . . \\2serverprs\PondPack\El mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

TIME OF CONCENTRATION CALCULATOR

Segment #1: Tc: TR-55 Sheet

Mannings n . 2400  
Hydraulic Length 300. 00 ft  
2yr, 24hr P 3. 5000 in  
Slope . 020000 ft/ft

Avg. Velocity . 15 ft/sec

Segment #1 Time: . 5477 hrs

Segment #2: Tc: TR-55 Shallow

Hydraulic Length 500. 00 ft  
Slope . 055000 ft/ft  
Unpaved

Avg. Velocity 3. 78 ft/sec

Segment #2 Time: . 0367 hrs

Segment #3: Tc: TR-55 Channel

Flow Area 700. 0000 sq. ft  
Wetted Perimeter 300. 00 ft  
Hydraulic Radius 2. 33 ft  
Slope . 007000 ft/ft  
Mannings n . 0500  
Hydraulic Length 10100. 00 ft

Avg. Velocity 4. 39 ft/sec

Segment #3 Time: . 6396 hrs

=====  
Total Tc: 1. 2240 hrs  
=====

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Tc Cal cs  
Name. . . . SUBAREA1





PondPack Ver:

Compute Time:

Date:

♀

Type... Runoff CN-Area  
Name... BASIN2

Page 6.01

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

RUNOFF CURVE NUMBER DATA

.....

Soil /Surface Description	CN	Area acres	Impervious Adjustment		Adjusted CN
			%C	%UC	
1/4 acre lots soil group B	75	11.800			75.00
1/4 acre lots soil group C	83	.800			83.00
1/4 acre lots soil group D	87	11.200			87.00

COMPOSITE AREA & WEIGHTED CN ---> 23.800 80.92 (81)

.....

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Runoff CN-Area  
Name... BASIN3A

Page 6.02

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

RUNOFF CURVE NUMBER DATA

.....

Soil /Surface Description	CN	Area acres	Impervious Adjustment		Adjusted CN
			%C	%UC	
3 acre lots soil group B	65	31.700			65.00
3 acre lots soil group C	77	18.800			77.00
3 acre lots soil group D	82	29.900			82.00

COMPOSITE AREA & WEIGHTED CN ---> 80.400 74.13 (74)

.....

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Runoff CN-Area  
Name... BASIN3B

Page 6.03

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

RUNOFF CURVE NUMBER DATA

asbuilt basin 1 2 and 4.txt

.....

Soil /Surface Description	CN	Area acres	Impervious Adjustment		Adjusted CN
			%C	%UC	
3 acre lots soil group B	65	.800			65.00
3 acre lots soil group C	77	.600			77.00
COMPOSITE AREA & WEIGHTED CN --->		1.400			70.14 (70)

S/N:  
 PondPack Ver:                      Compute Time:                      Date:  
 † Type.... Runoff CN-Area                      Page 6.04  
 Name.... BASIN4

File.... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RUNOFF CURVE NUMBER DATA  
 .....

Soil /Surface Description	CN	Area acres	Impervious Adjustment		Adjusted CN
			%C	%UC	
3 acre lots soil group B	65	4.500			65.00
3 acre lots soil group C	77	2.600			77.00
3 acre lots soil group D	82	3.100			82.00
COMPOSITE AREA & WEIGHTED CN --->		10.200			73.23 (73)

S/N:  
 PondPack Ver:                      Compute Time:                      Date:  
 † Type.... Runoff CN-Area                      Page 6.05  
 Name.... BASIN5

File.... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RUNOFF CURVE NUMBER DATA  
 .....

Soil /Surface Description	CN	Area acres	Impervious Adjustment		Adjusted CN
			%C	%UC	
1/4 acre lots soil group B	75	5.800			75.00



PondPack Ver:

Compute Time:

Date:

♀

Type... Runoff CN-Area  
Name... BYPASS3

Page 6.08

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

RUNOFF CURVE NUMBER DATA

.....

Soil /Surface Descri ption	CN	Area acres	Impervi ous Adj ustment		Adj usted CN
			%C	%UC	
1/4 acre lots soil group B	75	8.200			75.00
1/4 acre lots soil group C	83	1.600			83.00
Woods soil group B	55	33.300			55.00
Woods soil group C	70	27.800			70.00

COMPOSITE AREA & WEIGHTED CN ---> 70.900 63.83 (64)

.....

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Runoff CN-Area  
Name... OFFSITE1

Page 6.09

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

RUNOFF CURVE NUMBER DATA

.....

Soil /Surface Descri ption	CN	Area acres	Impervi ous Adj ustment		Adj usted CN
			%C	%UC	
3 Acre lots soil group D	82	12.100			82.00
Open Space soil group B	61	1.500			61.00
Pavement and Bui ldi ngs	98	15.900			98.00

COMPOSITE AREA & WEIGHTED CN ---> 29.500 89.56 (90)

.....

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Runoff CN-Area  
Name... OFFSITE2

Page 6.10

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

RUNOFF CURVE NUMBER DATA

.....

-----

Soil /Surface Description	CN	Area acres	Impervious Adjustment		Adjusted CN
			%C	%UC	
1/4 acre lots soil group C	83	3.100			83.00
1/4 acre lots soil group D	87	25.900			87.00

COMPOSITE AREA & WEIGHTED CN ----> 29.000 86.57 (87)

.....

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Runoff CN-Area  
Name... ONSITE1

Page 6.11

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

RUNOFF CURVE NUMBER DATA

.....

-----

Soil /Surface Description	CN	Area acres	Impervious Adjustment		Adjusted CN
			%C	%UC	
1/8 acre lots soil group B	85	14.200			85.00
1/8 acre lots soil group C	90	9.300			90.00
1/8 acre lots soil group D	92	47.700			92.00

COMPOSITE AREA & WEIGHTED CN ----> 71.200 90.34 (90)

.....

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Runoff CN-Area  
Name... SUBAREA1

Page 6.12

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

RUNOFF CURVE NUMBER DATA

.....

-----

Soil /Surface Description	CN	Area acres	Impervious Adjustment		Adjusted CN
			%C	%UC	



asbuilt basin 1 2 and 4.txt

$R_{ii}(t)$  = Incremental runoff (inches) at time step t for impervious area  
 $R_{ip}(t)$  = Incremental runoff (inches) at time step t for pervious area  
 $R(t)$  = Incremental weighted total runoff (inches)  
 $R_{tm}$  = Time increment for rainfall table  
 $S_i$  = S for impervious area:  $S_i = (1000/CN_i) - 10$   
 $S_p$  = S for pervious area:  $S_p = (1000/CN_p) - 10$   
 $t$  = Time step (row) number  
 $T_c$  = Time of concentration  
 $T_b$  = Time (hrs) of entire unit hydrograph:  $T_b = T_p + T_r$   
 $T_p$  = Time (hrs) to peak of a unit hydrograph:  $T_p = (dt/2) + Lag$   
 $T_r$  = Time (hrs) of receding limb of unit hydrograph:  $T_r = ratio\ of\ T_p$

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Equations

Page 7.02

Name...

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

SCS UNIT HYDROGRAPH METHOD  
(Computational Notes)

PRECIPITATION: -----

Column (1): Time for time step t  
Column (2):  $D(t)$  = Point on distribution curve for time step t  
Column (3):  $P_i(t) = P_a(t) - P_a(t-1)$ : Col. (4) - Preceding Col. (4)  
Column (4):  $P_a(t) = D(t) \times P$ : Col. (2)  $\times$  P

PERVIOUS AREA RUNOFF (using SCS Runoff CN Method) -----

Column (5):  $R_{ap}(t)$  = Accumulated pervious runoff for time step t  
If  $(P_a(t) \leq 0.2S_p)$  then use:  $R_{ap}(t) = 0.0$   
If  $(P_a(t) > 0.2S_p)$  then use:  

$$R_{ap}(t) = (Col. (4) - 0.2S_p)^2 / (Col. (4) + 0.8S_p)$$
Column (6):  $R_{ip}(t)$  = Incremental pervious runoff for time step t  
 $R_{ip}(t) = R_{ap}(t) - R_{ap}(t-1)$   
 $R_{ip}(t) = Col. (5) \text{ for current row} - Col. (5) \text{ for preceding row.}$

IMPERVIOUS AREA RUNOFF -----

Column (7 & 8)... Did not specify to use impervious areas.

INCREMENTAL WEIGHTED RUNOFF: -----

Column (9):  $R(t) = (A_p/A_t) \times R_{ip}(t) + (A_i/A_t) \times R_{ii}(t)$   
 $R(t) = (A_p/A_t) \times Col. (6) + (A_i/A_t) \times Col. (8)$

SCS UNIT HYDROGRAPH METHOD: -----

Column (10):  $Q(t)$  is computed with the SCS unit hydrograph method using  $R(t)$  and  $Q_u(t)$ .

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7.03

Name... BASIN2

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

asbuilt basin 1 2 and 4.txt

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm  
Duration = 24.0000 hrs Rain Depth = 5.2000 in  
Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
Rain File -ID = - TypeII 24hr  
Unit Hyd Type = Default Curvilinear  
HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
HYG File - ID = - BASIN2 15  
Tc = .3814 hrs  
Drainage Area = 23.800 acres Runoff CN= 81

=====  
Computational Time Increment = .05086 hrs  
Computed Peak Time = 12.1045 hrs  
Computed Peak Flow = 75.38 cfs  
  
Time Increment for HYG File = .0500 hrs  
Peak Time, Interpolated Output = 12.1000 hrs  
Peak Flow, Interpolated Output = 75.00 cfs  
=====

DRAINAGE AREA

-----  
ID: BASIN2  
CN = 81  
Area = 23.800 acres  
S = 2.3457 in  
0.2S = .4691 in

Cumulative Runoff

-----  
3.1627 in  
273239 cu. ft

HYG Volume... 273261 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .38145 hrs (ID: BASIN2)  
Computational Incr, Tm = .05086 hrs = 0.20000 Tp

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

Unit peak, qp = 70.70 cfs  
Unit peak time, Tp = .25430 hrs  
Unit receding limb, Tr = 1.01719 hrs  
Total unit time, Tb = 1.27148 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.04

Name... BASIN2 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD



asbuilt basin 1 2 and 4.txt

STORM EVENT: 15 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.2000 in  
 Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 HYG File - ID = - BASIN2 15  
 Tc = .3814 hrs  
 Drainage Area = 23.800 acres Runoff CN= 81  
 Calc. Increment= .05086 hrs Out. Incr. = .0500 hrs  
 HYG Volume = 273261 cu. ft

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
6. 6500	.00	.00	.00	.01	.01
6. 9000	.02	.03	.04	.04	.05
7. 1500	.06	.07	.08	.09	.11
7. 4000	.12	.13	.14	.15	.16
7. 6500	.17	.18	.20	.21	.22
7. 9000	.23	.24	.26	.27	.28
8. 1500	.29	.31	.32	.34	.36
8. 4000	.37	.39	.41	.43	.46
8. 6500	.48	.50	.53	.55	.58
8. 9000	.61	.63	.66	.69	.72
9. 1500	.75	.78	.80	.83	.85
9. 4000	.87	.89	.92	.94	.96
9. 6500	.98	1.00	1.03	1.07	1.10
9. 9000	1.14	1.19	1.23	1.28	1.33
10. 1500	1.38	1.44	1.50	1.56	1.63
10. 4000	1.70	1.77	1.85	1.93	2.01
10. 6500	2.10	2.20	2.30	2.41	2.53
10. 9000	2.65	2.79	2.92	3.07	3.23
11. 1500	3.40	3.59	3.81	4.06	4.34
11. 4000	4.64	4.96	5.31	5.79	6.53
11. 6500	7.89	10.10	13.63	18.62	25.82
11. 9000	35.61	47.80	60.60	70.42	75.00
12. 1500	73.29	66.28	56.74	47.15	38.73
12. 4000	32.18	27.21	23.34	20.19	17.64
12. 6500	15.55	13.84	12.46	11.35	10.45
12. 9000	9.73	9.12	8.60	8.14	7.74
13. 1500	7.39	7.09	6.84	6.62	6.42
13. 4000	6.23	6.06	5.90	5.74	5.59
13. 6500	5.44	5.30	5.17	5.04	4.92
13. 9000	4.81	4.70	4.59	4.48	4.38

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7.05

Name... BASIN2 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
14. 1500	4.28	4.19	4.11	4.04	3.98
14. 4000	3.92	3.87	3.83	3.79	3.75
14. 6500	3.71	3.67	3.63	3.59	3.56

asbuilt basin 1 2 and 4.txt

14. 9000	3. 52	3. 48	3. 45	3. 41	3. 37
15. 1500	3. 34	3. 30	3. 26	3. 23	3. 19
15. 4000	3. 16	3. 12	3. 08	3. 05	3. 01
15. 6500	2. 97	2. 94	2. 90	2. 86	2. 83
15. 9000	2. 79	2. 75	2. 72	2. 68	2. 64
16. 1500	2. 61	2. 58	2. 55	2. 52	2. 50
16. 4000	2. 48	2. 47	2. 45	2. 43	2. 42
16. 6500	2. 40	2. 39	2. 38	2. 36	2. 35
16. 9000	2. 34	2. 32	2. 31	2. 30	2. 28
17. 1500	2. 27	2. 26	2. 25	2. 23	2. 22
17. 4000	2. 21	2. 19	2. 18	2. 17	2. 15
17. 6500	2. 14	2. 13	2. 11	2. 10	2. 09
17. 9000	2. 07	2. 06	2. 05	2. 03	2. 02
18. 1500	2. 01	2. 00	1. 98	1. 97	1. 96
18. 4000	1. 94	1. 93	1. 92	1. 90	1. 89
18. 6500	1. 88	1. 86	1. 85	1. 84	1. 82
18. 9000	1. 81	1. 80	1. 78	1. 77	1. 76
19. 1500	1. 74	1. 73	1. 71	1. 70	1. 69
19. 4000	1. 67	1. 66	1. 65	1. 63	1. 62
19. 6500	1. 61	1. 59	1. 58	1. 57	1. 55
19. 9000	1. 54	1. 53	1. 51	1. 50	1. 49
20. 1500	1. 47	1. 46	1. 45	1. 45	1. 44
20. 4000	1. 43	1. 43	1. 42	1. 42	1. 42
20. 6500	1. 41	1. 41	1. 41	1. 41	1. 40
20. 9000	1. 40	1. 40	1. 40	1. 39	1. 39
21. 1500	1. 39	1. 38	1. 38	1. 38	1. 38
21. 4000	1. 37	1. 37	1. 37	1. 37	1. 36
21. 6500	1. 36	1. 36	1. 36	1. 35	1. 35
21. 9000	1. 35	1. 35	1. 34	1. 34	1. 34
22. 1500	1. 34	1. 33	1. 33	1. 33	1. 32
22. 4000	1. 32	1. 32	1. 32	1. 31	1. 31
22. 6500	1. 31	1. 31	1. 30	1. 30	1. 30
22. 9000	1. 30	1. 29	1. 29	1. 29	1. 29
23. 1500	1. 28	1. 28	1. 28	1. 27	1. 27
23. 4000	1. 27	1. 27	1. 26	1. 26	1. 26
23. 6500	1. 26	1. 25	1. 25	1. 25	1. 25
23. 9000	1. 24	1. 24	1. 24	1. 21	1. 15
24. 1500	1. 04	. 87	. 69	. 52	. 38
24. 4000	. 27	. 20	. 14	. 10	. 08
24. 6500	. 05	. 04	. 03	. 02	. 01
24. 9000	. 01	. 01	. 00	. 00	. 00
25. 1500	. 00				

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7.06

Name... BASIN2

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm

Duration = 24.0000 hrs Rain Depth = 5.7000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - BASIN2 25

Tc = .3814 hrs

Drainage Area = 23.800 acres Runoff CN= 81

asbuilt basin 1 2 and 4.txt

```

=====
Computational Time Increment = .05086 hrs
Computed Peak Time          = 12.1045 hrs
Computed Peak Flow          = 85.94 cfs

Time Increment for HYG File = .0500 hrs
Peak Time, Interpolated Output = 12.1000 hrs
Peak Flow, Interpolated Output = 85.53 cfs
=====

```

DRAINAGE AREA

```

-----
ID: BASIN2
CN = 81
Area = 23.800 acres
S = 2.3457 in
0.2S = .4691 in

```

Cumulative Runoff

```

-----
3.6114 in
312003 cu. ft

```

HYG Volume... 312030 cu. ft (area under HYG curve)

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

```

Time Concentration, Tc = .38145 hrs (ID: BASIN2)
Computational Incr, Tm = .05086 hrs = 0.20000 Tp

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

Unit peak, qp = 70.70 cfs
Unit peak time, Tp = .25430 hrs
Unit receding limb, Tr = 1.01719 hrs
Total unit time, Tb = 1.27148 hrs

```

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.07

Name... BASIN2 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

```

STORM EVENT: 25 year storm
Duration = 24.0000 hrs Rain Depth = 5.7000 in
Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\
Rain File -ID = - TypeI 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\
HYG File - ID = - BASIN2 25
Tc = .3814 hrs
Drainage Area = 23.800 acres Runoff CN= 81
Calc. Increment= .05086 hrs Out. Incr. = .0500 hrs
HYG Volume = 312030 cu. ft

```

asbuilt basin 1 2 and 4.txt

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time hrs	Time on left represents time for first value in each row.				
6. 2500	.00	.00	.01	.01	.02
6. 5000	.02	.03	.04	.05	.06
6. 7500	.08	.09	.10	.11	.12
7. 0000	.13	.15	.16	.17	.18
7. 2500	.20	.21	.22	.23	.25
7. 5000	.26	.27	.29	.30	.31
7. 7500	.33	.34	.36	.37	.38
8. 0000	.40	.41	.43	.44	.46
8. 2500	.48	.50	.52	.54	.56
8. 5000	.59	.62	.64	.67	.70
8. 7500	.73	.76	.79	.82	.86
9. 0000	.89	.92	.96	.99	1.03
9. 2500	1.06	1.09	1.11	1.14	1.16
9. 5000	1.19	1.21	1.23	1.26	1.29
9. 7500	1.32	1.36	1.40	1.45	1.50
10. 0000	1.55	1.61	1.67	1.73	1.80
10. 2500	1.87	1.94	2.02	2.11	2.19
10. 5000	2.29	2.38	2.48	2.58	2.70
10. 7500	2.82	2.95	3.09	3.23	3.39
11. 0000	3.55	3.72	3.90	4.10	4.33
11. 2500	4.59	4.87	5.20	5.54	5.92
11. 5000	6.33	6.88	7.74	9.33	11.91
11. 7500	16.01	21.77	30.05	41.23	55.07
12. 0000	69.52	80.52	85.53	83.41	75.31
12. 2500	64.39	53.46	43.87	36.41	30.76
12. 5000	26.36	22.78	19.88	17.51	15.58
12. 7500	14.01	12.76	11.75	10.92	10.24
13. 0000	9.65	9.14	8.68	8.29	7.95
13. 2500	7.67	7.42	7.19	6.98	6.79
13. 5000	6.61	6.43	6.26	6.09	5.94

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7.08

Name... BASIN2 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time hrs	Time on left represents time for first value in each row.				
13. 7500	5.79	5.65	5.51	5.38	5.26
14. 0000	5.14	5.02	4.90	4.79	4.69
14. 2500	4.60	4.52	4.45	4.39	4.33
14. 5000	4.28	4.24	4.19	4.15	4.10
14. 7500	4.06	4.02	3.98	3.94	3.89
15. 0000	3.85	3.81	3.77	3.73	3.69
15. 2500	3.65	3.61	3.57	3.53	3.49
15. 5000	3.44	3.40	3.36	3.32	3.28
15. 7500	3.24	3.20	3.16	3.12	3.07
16. 0000	3.03	2.99	2.95	2.91	2.88
16. 2500	2.85	2.82	2.79	2.77	2.75
16. 5000	2.73	2.72	2.70	2.68	2.67
16. 7500	2.65	2.64	2.62	2.61	2.59
17. 0000	2.58	2.56	2.55	2.54	2.52
17. 2500	2.51	2.49	2.48	2.46	2.45

asbuilt basin 1 2 and 4.txt

17. 5000	2. 43	2. 42	2. 40	2. 39	2. 37
17. 7500	2. 36	2. 34	2. 33	2. 31	2. 30
18. 0000	2. 29	2. 27	2. 26	2. 24	2. 23
18. 2500	2. 21	2. 20	2. 18	2. 17	2. 15
18. 5000	2. 14	2. 12	2. 11	2. 09	2. 08
18. 7500	2. 06	2. 05	2. 03	2. 02	2. 00
19. 0000	1. 99	1. 97	1. 96	1. 94	1. 93
19. 2500	1. 91	1. 90	1. 88	1. 87	1. 85
19. 5000	1. 84	1. 82	1. 81	1. 79	1. 78
19. 7500	1. 76	1. 75	1. 73	1. 72	1. 70
20. 0000	1. 69	1. 67	1. 66	1. 64	1. 63
20. 2500	1. 62	1. 61	1. 60	1. 60	1. 59
20. 5000	1. 59	1. 58	1. 58	1. 58	1. 57
20. 7500	1. 57	1. 57	1. 56	1. 56	1. 56
21. 0000	1. 55	1. 55	1. 55	1. 55	1. 54
21. 2500	1. 54	1. 54	1. 53	1. 53	1. 53
21. 5000	1. 53	1. 52	1. 52	1. 52	1. 51
21. 7500	1. 51	1. 51	1. 51	1. 50	1. 50
22. 0000	1. 50	1. 49	1. 49	1. 49	1. 48
22. 2500	1. 48	1. 48	1. 48	1. 47	1. 47
22. 5000	1. 47	1. 46	1. 46	1. 46	1. 46
22. 7500	1. 45	1. 45	1. 45	1. 44	1. 44
23. 0000	1. 44	1. 43	1. 43	1. 43	1. 43
23. 2500	1. 42	1. 42	1. 42	1. 41	1. 41
23. 5000	1. 41	1. 41	1. 40	1. 40	1. 40
23. 7500	1. 39	1. 39	1. 39	1. 38	1. 38
24. 0000	1. 38	1. 35	1. 28	1. 15	. 97
24. 2500	. 77	. 58	. 43	. 31	. 22
24. 5000	. 16	. 12	. 08	. 06	. 04
24. 7500	. 03	. 02	. 02	. 01	. 01

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 09

Name... BASIN2 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs				
25. 0000	. 00	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7. 10

Name... BASIN2 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24. 0000 hrs Rain Depth = 7. 0000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeI 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

asbuilt basin 1 2 and 4.txt  
 HYG File - ID = - BASIN2 100  
 Tc = .3814 hrs  
 Drainage Area = 23.800 acres Runoff CN= 81

=====  
 Computational Time Increment = .05086 hrs  
 Computed Peak Time = 12.1045 hrs  
 Computed Peak Flow = 113.64 cfs

Time Increment for HYG File = .0500 hrs  
 Peak Time, Interpolated Output = 12.1000 hrs  
 Peak Flow, Interpolated Output = 113.14 cfs  
 =====

DRAINAGE AREA

-----  
 ID: BASIN2  
 CN = 81  
 Area = 23.800 acres  
 S = 2.3457 in  
 0.2S = .4691 in

Cumulative Runoff

-----  
 4.8050 in  
 415127 cu. ft

HYG Volume... 415166 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .38145 hrs (ID: BASIN2)  
 Computational Incr, Tm = .05086 hrs = 0.20000 Tp

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

Unit peak, qp = 70.70 cfs  
 Unit peak time, Tp = .25430 hrs  
 Unit receding limb, Tr = 1.01719 hrs  
 Total unit time, Tb = 1.27148 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.11

Name... BASIN2 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 7.0000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - BASIN2 100

Tc = .3814 hrs

Drainage Area = 23.800 acres Runoff CN= 81

asbuilt basin 1 2 and 4.txt  
 Calc. Increment= .05086 hrs      Out. Incr. = .0500 hrs  
 HYG Volume = 415166 cu. ft

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
5. 3500	.00	.00	.01	.01	.02
5. 6000	.03	.04	.05	.06	.07
5. 8500	.09	.10	.12	.13	.14
6. 1000	.16	.17	.19	.21	.22
6. 3500	.24	.25	.27	.29	.30
6. 6000	.32	.33	.35	.37	.38
6. 8500	.40	.42	.44	.45	.47
7. 1000	.49	.51	.52	.54	.56
7. 3500	.58	.60	.61	.63	.65
7. 6000	.67	.69	.71	.73	.74
7. 8500	.76	.78	.80	.82	.84
8. 1000	.86	.88	.91	.93	.96
8. 3500	1.00	1.03	1.07	1.10	1.14
8. 6000	1.18	1.23	1.27	1.32	1.36
8. 8500	1.41	1.46	1.50	1.55	1.61
9. 1000	1.66	1.70	1.75	1.79	1.83
9. 3500	1.87	1.90	1.94	1.97	1.99
9. 6000	2.02	2.06	2.10	2.14	2.20
9. 8500	2.26	2.32	2.40	2.47	2.55
10. 1000	2.63	2.72	2.82	2.92	3.03
10. 3500	3.14	3.26	3.38	3.51	3.64
10. 6000	3.78	3.93	4.08	4.25	4.43
10. 8500	4.63	4.83	5.05	5.27	5.51
11. 1000	5.76	6.04	6.35	6.70	7.10
11. 3500	7.55	8.03	8.54	9.10	9.86
11. 6000	11.05	13.24	16.78	22.39	30.21
11. 8500	41.33	56.16	74.30	93.04	107.06
12. 1000	113.14	109.91	98.94	84.40	69.92
12. 3500	57.27	47.45	40.01	34.23	29.53
12. 6000	25.73	22.63	20.10	18.06	16.42

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.12

Name... BASIN2

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
12. 8500	15.11	14.04	13.15	12.38	11.71
13. 1000	11.12	10.61	10.18	9.81	9.49
13. 3500	9.20	8.93	8.68	8.44	8.22
13. 6000	8.00	7.79	7.59	7.39	7.21
13. 8500	7.04	6.87	6.71	6.55	6.40
14. 1000	6.25	6.11	5.98	5.87	5.77
14. 3500	5.68	5.60	5.53	5.46	5.40
14. 6000	5.34	5.28	5.23	5.17	5.12
14. 8500	5.06	5.01	4.96	4.91	4.85
15. 1000	4.80	4.75	4.70	4.64	4.59
15. 3500	4.54	4.49	4.43	4.38	4.33
15. 6000	4.28	4.22	4.17	4.12	4.07

asbuilt basin 1 2 and 4.txt

15. 8500	4. 01	3. 96	3. 91	3. 86	3. 80
16. 1000	3. 75	3. 70	3. 66	3. 62	3. 58
16. 3500	3. 55	3. 52	3. 50	3. 47	3. 45
16. 6000	3. 43	3. 41	3. 39	3. 37	3. 35
16. 8500	3. 33	3. 31	3. 29	3. 27	3. 26
17. 1000	3. 24	3. 22	3. 20	3. 18	3. 16
17. 3500	3. 14	3. 12	3. 11	3. 09	3. 07
17. 6000	3. 05	3. 03	3. 01	2. 99	2. 97
17. 8500	2. 96	2. 94	2. 92	2. 90	2. 88
18. 1000	2. 86	2. 84	2. 82	2. 80	2. 78
18. 3500	2. 77	2. 75	2. 73	2. 71	2. 69
18. 6000	2. 67	2. 65	2. 63	2. 61	2. 59
18. 8500	2. 58	2. 56	2. 54	2. 52	2. 50
19. 1000	2. 48	2. 46	2. 44	2. 42	2. 40
19. 3500	2. 38	2. 37	2. 35	2. 33	2. 31
19. 6000	2. 29	2. 27	2. 25	2. 23	2. 21
19. 8500	2. 19	2. 17	2. 15	2. 14	2. 12
20. 1000	2. 10	2. 08	2. 07	2. 05	2. 04
20. 3500	2. 03	2. 02	2. 02	2. 01	2. 00
20. 6000	2. 00	2. 00	1. 99	1. 99	1. 98
20. 8500	1. 98	1. 97	1. 97	1. 97	1. 96
21. 1000	1. 96	1. 96	1. 95	1. 95	1. 94
21. 3500	1. 94	1. 94	1. 93	1. 93	1. 93
21. 6000	1. 92	1. 92	1. 91	1. 91	1. 91
21. 8500	1. 90	1. 90	1. 90	1. 89	1. 89
22. 1000	1. 89	1. 88	1. 88	1. 87	1. 87
22. 3500	1. 87	1. 86	1. 86	1. 85	1. 85
22. 6000	1. 85	1. 84	1. 84	1. 84	1. 83
22. 8500	1. 83	1. 82	1. 82	1. 82	1. 81
23. 1000	1. 81	1. 81	1. 80	1. 80	1. 79
23. 3500	1. 79	1. 79	1. 78	1. 78	1. 78
23. 6000	1. 77	1. 77	1. 76	1. 76	1. 76
23. 8500	1. 75	1. 75	1. 75	1. 74	1. 71

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 13

Name... BASI N2 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASI N 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
24. 1000	1. 62	1. 46	1. 23	. 98	. 74
24. 3500	. 54	. 39	. 28	. 20	. 15
24. 6000	. 11	. 08	. 05	. 04	. 03
24. 8500	. 02	. 01	. 01	. 01	. 00
25. 1000	. 00	. 00			

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7. 14

Name... BASI N3A Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASI N 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD



asbuilt basin 1 2 and 4.txt

STORM EVENT: 15 year storm  
Duration = 24.0000 hrs Rain Depth = 5.2000 in  
Rain Dir = \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\  
Rain File -ID = - TypeII 24hr  
Unit Hyd Type = Default Curvilinear  
HYG Dir = \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\  
HYG File - ID = - BASIN3A 15  
Tc = .4313 hrs  
Drainage Area = 80.400 acres Runoff CN= 74

=====  
Computational Time Increment = .05751 hrs  
Computed Peak Time = 12.1347 hrs  
Computed Peak Flow = 187.21 cfs  
  
Time Increment for HYG File = .0500 hrs  
Peak Time, Interpolated Output = 12.1500 hrs  
Peak Flow, Interpolated Output = 185.97 cfs  
=====

DRAINAGE AREA

-----  
ID: BASIN3A  
CN = 74  
Area = 80.400 acres  
S = 3.5135 in  
0.2S = .7027 in

Cumulative Runoff

-----  
2.5248 in  
736868 cu. ft

HYG Volume... 736750 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .43133 hrs (ID: BASIN3A)  
Computational Incr, Tm = .05751 hrs = 0.20000 Tp  
  
Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp)))  
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
Unit peak, qp = 211.20 cfs  
Unit peak time Tp = .28755 hrs  
Unit receding limb, Tr = 1.15021 hrs  
Total unit time, Tb = 1.43776 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7.15

Name... BASIN3A

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm  
Duration = 24.0000 hrs Rain Depth = 5.2000 in

```

asbuilt basin 1 2 and 4.txt
Rain Dir      = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\
Rain File -ID = - TypeI I  24hr
Unit Hyd Type = Default Curvilinear
HYG Dir      = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\
HYG File - ID = - BASIN3A 15
Tc           = .4313 hrs
Drainage Area = 80.400 acres  Runoff CN= 74
Calc. Increment= .05751 hrs   Out. Incr. = .0500 hrs
HYG Volume   = 736750 cu. ft

```

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

---

Time hrs					
8. 6500	.00	.00	.01	.01	.03
8. 9000	.05	.08	.12	.16	.20
9. 1500	.25	.31	.36	.42	.48
9. 4000	.53	.59	.65	.71	.77
9. 6500	.83	.89	.96	1.03	1.11
9. 9000	1.19	1.27	1.37	1.46	1.56
10. 1500	1.67	1.78	1.90	2.03	2.17
10. 4000	2.31	2.46	2.62	2.79	2.97
10. 6500	3.16	3.36	3.58	3.82	4.07
10. 9000	4.34	4.63	4.93	5.25	5.60
11. 1500	5.98	6.40	6.88	7.42	8.02
11. 4000	8.68	9.40	10.18	11.24	12.86
11. 6500	15.62	20.18	27.21	37.63	52.80
11. 9000	74.67	102.87	133.65	160.91	179.40
12. 1500	185.97	180.05	164.08	142.86	121.94
12. 4000	103.34	88.01	75.79	65.92	57.75
12. 6500	50.92	45.36	40.74	36.92	33.78
12. 9000	31.19	29.04	27.24	25.71	24.37
13. 1500	23.17	22.09	21.12	20.27	19.55
13. 4000	18.93	18.39	17.89	17.40	16.94
13. 6500	16.49	16.07	15.66	15.28	14.92
13. 9000	14.57	14.24	13.91	13.59	13.28
14. 1500	12.98	12.71	12.46	12.24	12.04
14. 4000	11.86	11.70	11.55	11.42	11.29
14. 6500	11.17	11.06	10.94	10.83	10.72
14. 9000	10.62	10.51	10.40	10.30	10.19
15. 1500	10.08	9.98	9.87	9.76	9.66
15. 4000	9.55	9.45	9.34	9.23	9.12
15. 6500	9.01	8.91	8.80	8.69	8.58
15. 9000	8.47	8.36	8.25	8.15	8.04

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.16

Name... BASIN3A Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

---

Time hrs					
16. 1500	7.94	7.84	7.75	7.67	7.60
16. 4000	7.54	7.48	7.43	7.38	7.33
16. 6500	7.29	7.25	7.21	7.17	7.13
16. 9000	7.09	7.05	7.01	6.97	6.93
17. 1500	6.89	6.85	6.82	6.78	6.74

asbuilt basin 1 2 and 4.txt

17. 4000	6. 70	6. 66	6. 62	6. 58	6. 55
17. 6500	6. 51	6. 47	6. 43	6. 39	6. 35
17. 9000	6. 31	6. 27	6. 23	6. 20	6. 16
18. 1500	6. 12	6. 08	6. 04	6. 00	5. 96
18. 4000	5. 92	5. 88	5. 84	5. 80	5. 76
18. 6500	5. 72	5. 68	5. 64	5. 60	5. 56
18. 9000	5. 52	5. 48	5. 44	5. 40	5. 36
19. 1500	5. 32	5. 28	5. 24	5. 20	5. 16
19. 4000	5. 12	5. 08	5. 04	5. 00	4. 96
19. 6500	4. 92	4. 88	4. 84	4. 80	4. 76
19. 9000	4. 72	4. 68	4. 64	4. 60	4. 56
20. 1500	4. 52	4. 48	4. 45	4. 43	4. 40
20. 4000	4. 38	4. 37	4. 35	4. 34	4. 33
20. 6500	4. 32	4. 31	4. 30	4. 29	4. 28
20. 9000	4. 28	4. 27	4. 26	4. 25	4. 24
21. 1500	4. 24	4. 23	4. 22	4. 21	4. 21
21. 4000	4. 20	4. 19	4. 18	4. 18	4. 17
21. 6500	4. 16	4. 15	4. 15	4. 14	4. 13
21. 9000	4. 12	4. 12	4. 11	4. 10	4. 09
22. 1500	4. 09	4. 08	4. 07	4. 06	4. 05
22. 4000	4. 05	4. 04	4. 03	4. 02	4. 02
22. 6500	4. 01	4. 00	3. 99	3. 99	3. 98
22. 9000	3. 97	3. 96	3. 95	3. 95	3. 94
23. 1500	3. 93	3. 92	3. 92	3. 91	3. 90
23. 4000	3. 89	3. 88	3. 88	3. 87	3. 86
23. 6500	3. 85	3. 85	3. 84	3. 83	3. 82
23. 9000	3. 81	3. 81	3. 79	3. 73	3. 59
24. 1500	3. 32	2. 91	2. 44	1. 97	1. 53
24. 4000	1. 15	. 86	. 64	. 48	. 36
24. 6500	. 27	. 21	. 15	. 11	. 08
24. 9000	. 06	. 05	. 03	. 02	. 02
25. 1500	. 01	. 01	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7. 17

Name... BASIN3A

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm

Duration = 24.0000 hrs Rain Depth = 5.7000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - BASIN3A 25

Tc = .4313 hrs

Drainage Area = 80.400 acres Runoff CN= 74

=====  
Computational Time Increment = .05751 hrs

Computed Peak Time = 12.1347 hrs

Computed Peak Flow = 218.47 cfs

Time Increment for HYG File = .0500 hrs

Peak Time, Interpolated Output = 12.1500 hrs

Peak Flow, Interpolated Output = 216.84 cfs  
=====

asbuilt basin 1 2 and 4.txt

DRAINAGE AREA

ID: BASIN3A
CN = 74
Area = 80.400 acres
S = 3.5135 in
0.2S = .7027 in

Cumulative Runoff

2.9343 in
856371 cu. ft

HYG Volume... 856233 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .43133 hrs (ID: BASIN3A)
Computational Incr, Tm = .05751 hrs = 0.20000 Tp
Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp)))
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 211.20 cfs
Unit peak time Tp = .28755 hrs
Unit receding limb, Tr = 1.15021 hrs
Total unit time, Tb = 1.43776 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output) Page 7.18

Name... BASIN3A Tag: 25 Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm
Duration = 24.0000 hrs Rain Depth = 5.7000 in
Rain Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\
Rain File -ID = - TypeII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\
HYG File - ID = - BASIN3A 25
Tc = .4313 hrs
Drainage Area = 80.400 acres Runoff CN= 74
Calc. Increment= .05751 hrs Out. Incr. = .0500 hrs
HYG Volume = 856233 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Table with 6 columns: Time hrs, and five columns of flow values (cfs) at 5-minute intervals from 8:20:00 to 9:45:00.

asbuilt basin 1 2 and 4.txt

9. 7000	1. 56	1. 64	1. 73	1. 82	1. 92
9. 9500	2. 03	2. 15	2. 27	2. 39	2. 52
10. 2000	2. 67	2. 82	2. 98	3. 15	3. 33
10. 4500	3. 52	3. 71	3. 92	4. 14	4. 38
10. 7000	4. 62	4. 89	5. 18	5. 49	5. 82
10. 9500	6. 17	6. 55	6. 94	7. 36	7. 82
11. 2000	8. 34	8. 92	9. 57	10. 30	11. 10
11. 4500	11. 96	12. 91	14. 18	16. 14	19. 48
11. 7000	24. 98	33. 43	45. 86	63. 81	89. 47
11. 9500	122. 27	157. 80	189. 00	209. 87	216. 84
12. 2000	209. 40	190. 43	165. 51	141. 07	119. 39
12. 4500	101. 54	87. 33	75. 86	66. 37	58. 45
12. 7000	52. 02	46. 67	42. 25	38. 63	35. 64
12. 9500	33. 16	31. 08	29. 32	27. 78	26. 40
13. 2000	25. 15	24. 04	23. 07	22. 24	21. 53
13. 4500	20. 91	20. 33	19. 78	19. 25	18. 74
13. 7000	18. 26	17. 79	17. 36	16. 94	16. 55
13. 9500	16. 16	15. 79	15. 42	15. 07	14. 73
14. 2000	14. 42	14. 14	13. 88	13. 65	13. 45
14. 4500	13. 27	13. 10	12. 95	12. 81	12. 67
14. 7000	12. 54	12. 41	12. 28	12. 15	12. 03
14. 9500	11. 91	11. 79	11. 67	11. 54	11. 42
15. 2000	11. 30	11. 18	11. 06	10. 94	10. 82
15. 4500	10. 70	10. 57	10. 45	10. 33	10. 20

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 19

Name... BASIN3A

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
15. 7000	10. 08	9. 96	9. 84	9. 71	9. 59
15. 9500	9. 46	9. 34	9. 22	9. 09	8. 98
16. 2000	8. 87	8. 77	8. 68	8. 60	8. 52
16. 4500	8. 46	8. 40	8. 35	8. 29	8. 24
16. 7000	8. 19	8. 15	8. 10	8. 06	8. 01
16. 9500	7. 97	7. 92	7. 88	7. 83	7. 79
17. 2000	7. 75	7. 70	7. 66	7. 62	7. 57
17. 4500	7. 53	7. 48	7. 44	7. 40	7. 35
17. 7000	7. 31	7. 26	7. 22	7. 18	7. 13
17. 9500	7. 09	7. 04	7. 00	6. 95	6. 91
18. 2000	6. 86	6. 82	6. 77	6. 73	6. 69
18. 4500	6. 64	6. 60	6. 55	6. 51	6. 46
18. 7000	6. 42	6. 37	6. 33	6. 28	6. 24
18. 9500	6. 19	6. 14	6. 10	6. 05	6. 01
19. 2000	5. 96	5. 92	5. 87	5. 83	5. 78
19. 4500	5. 73	5. 69	5. 64	5. 60	5. 55
19. 7000	5. 51	5. 46	5. 41	5. 37	5. 32
19. 9500	5. 28	5. 23	5. 19	5. 14	5. 10
20. 2000	5. 06	5. 02	4. 99	4. 97	4. 95
20. 4500	4. 93	4. 91	4. 90	4. 88	4. 87
20. 7000	4. 86	4. 85	4. 84	4. 83	4. 82
20. 9500	4. 81	4. 80	4. 79	4. 79	4. 78
21. 2000	4. 77	4. 76	4. 75	4. 74	4. 73
21. 4500	4. 73	4. 72	4. 71	4. 70	4. 69
21. 7000	4. 68	4. 67	4. 66	4. 66	4. 65

	asbuilt basin 1 2 and 4.txt				
21. 9500	4. 64	4. 63	4. 62	4. 61	4. 60
22. 2000	4. 60	4. 59	4. 58	4. 57	4. 56
22. 4500	4. 55	4. 54	4. 53	4. 53	4. 52
22. 7000	4. 51	4. 50	4. 49	4. 48	4. 47
22. 9500	4. 46	4. 46	4. 45	4. 44	4. 43
23. 2000	4. 42	4. 41	4. 40	4. 39	4. 38
23. 4500	4. 38	4. 37	4. 36	4. 35	4. 34
23. 7000	4. 33	4. 32	4. 31	4. 30	4. 30
23. 9500	4. 29	4. 26	4. 20	4. 04	3. 73
24. 2000	3. 28	2. 75	2. 22	1. 72	1. 30
24. 4500	. 96	. 72	. 54	. 41	. 31
24. 7000	. 23	. 17	. 13	. 09	. 07
24. 9500	. 05	. 04	. 03	. 02	. 01
25. 2000	. 01	. 00	. 00	. 00	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7. 20

Name... BASIN3A

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 7.0000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - BASIN3A 100

Tc = .4313 hrs

Drainage Area = 80.400 acres Runoff CN= 74

=====  
Computational Time Increment = .05751 hrs

Computed Peak Time = 12.1347 hrs

Computed Peak Flow = 302.13 cfs

Time Increment for HYG File = .0500 hrs

Peak Time, Interpolated Output = 12.1500 hrs

Peak Flow, Interpolated Output = 299.42 cfs  
=====

DRAINAGE AREA

-----  
ID: BASIN3A

CN = 74

Area = 80.400 acres

S = 3.5135 in

0.2S = .7027 in

Cumulative Runoff

-----  
4.0421 in  
1179685 cu. ft

HYG Volume... 1179491 cu. ft (area under HYG curve)

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

asbuilt basin 1 2 and 4.txt  
 Time Concentration, Tc = .43133 hrs (ID: BASIN3A)  
 Computational Incr, Tm = .05751 hrs = 0.20000 Tp  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp)))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
 Unit peak, qp = 211.20 cfs  
 Unit peak time, Tp = .28755 hrs  
 Unit receding limb, Tr = 1.15021 hrs  
 Total unit time, Tb = 1.43776 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output) Page 7.21

Name... BASIN3A Tag: 100 Event: 100 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm  
 Duration = 24.0000 hrs Rain Depth = 7.0000 in  
 Rain Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 HYG File - ID = - BASIN3A 100  
 Tc = .4313 hrs  
 Drainage Area = 80.400 acres Runoff CN= 74  
 Calc. Increment = .05751 hrs Out. Incr. = .0500 hrs  
 HYG Volume = 1179491 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
7. 1000	.00	.00	.00	.01	.02
7. 3500	.04	.06	.09	.12	.16
7. 6000	.20	.24	.29	.33	.38
7. 8500	.43	.47	.52	.57	.62
8. 1000	.67	.73	.78	.84	.90
8. 3500	.97	1.04	1.11	1.18	1.26
8. 6000	1.35	1.43	1.53	1.62	1.71
8. 8500	1.82	1.92	2.03	2.14	2.25
9. 1000	2.36	2.48	2.59	2.70	2.81
9. 3500	2.92	3.02	3.11	3.21	3.30
9. 6000	3.39	3.49	3.59	3.71	3.84
9. 8500	3.98	4.13	4.30	4.47	4.66
10. 1000	4.86	5.07	5.29	5.52	5.77
10. 3500	6.03	6.31	6.61	6.91	7.23
10. 6000	7.57	7.93	8.30	8.71	9.15
10. 8500	9.62	10.12	10.65	11.21	11.79
11. 1000	12.41	13.10	13.87	14.73	15.70
11. 3500	16.78	17.96	19.23	20.61	22.48
11. 6000	25.37	30.31	38.39	50.71	68.62
11. 8500	94.13	129.94	174.99	223.09	264.62
12. 1000	291.58	299.42	287.73	260.59	225.77
12. 3500	191.88	161.96	137.40	117.86	102.12
12. 6000	89.13	78.31	69.56	62.28	56.29
12. 8500	51.37	47.32	43.97	41.15	38.77

asbuilt basin 1 2 and 4.txt

13. 1000	36. 70	34. 84	33. 16	31. 67	30. 38
13. 3500	29. 27	28. 32	27. 50	26. 73	26. 00
13. 6000	25. 30	24. 62	23. 98	23. 36	22. 78
13. 8500	22. 23	21. 71	21. 20	20. 70	20. 22
14. 1000	19. 75	19. 30	18. 89	18. 52	18. 18
14. 3500	17. 88	17. 61	17. 37	17. 15	16. 94

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.22

Name... BASIN3A Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
14. 6000	16. 75	16. 57	16. 39	16. 22	16. 05
14. 8500	15. 89	15. 72	15. 56	15. 40	15. 24
15. 1000	15. 08	14. 92	14. 76	14. 60	14. 44
15. 3500	14. 28	14. 12	13. 96	13. 79	13. 63
15. 6000	13. 47	13. 31	13. 15	12. 98	12. 82
15. 8500	12. 66	12. 50	12. 33	12. 17	12. 01
16. 1000	11. 85	11. 70	11. 55	11. 42	11. 30
16. 3500	11. 19	11. 10	11. 01	10. 93	10. 86
16. 6000	10. 79	10. 73	10. 66	10. 60	10. 54
16. 8500	10. 48	10. 42	10. 36	10. 30	10. 25
17. 1000	10. 19	10. 13	10. 07	10. 01	9. 96
17. 3500	9. 90	9. 84	9. 78	9. 73	9. 67
17. 6000	9. 61	9. 55	9. 49	9. 44	9. 38
17. 8500	9. 32	9. 26	9. 20	9. 14	9. 09
18. 1000	9. 03	8. 97	8. 91	8. 85	8. 79
18. 3500	8. 73	8. 68	8. 62	8. 56	8. 50
18. 6000	8. 44	8. 38	8. 32	8. 26	8. 20
18. 8500	8. 15	8. 09	8. 03	7. 97	7. 91
19. 1000	7. 85	7. 79	7. 73	7. 67	7. 61
19. 3500	7. 55	7. 49	7. 43	7. 37	7. 31
19. 6000	7. 25	7. 19	7. 13	7. 07	7. 01
19. 8500	6. 95	6. 89	6. 83	6. 77	6. 72
20. 1000	6. 66	6. 60	6. 55	6. 50	6. 46
20. 3500	6. 43	6. 40	6. 38	6. 36	6. 34
20. 6000	6. 32	6. 31	6. 29	6. 28	6. 26
20. 8500	6. 25	6. 24	6. 23	6. 22	6. 20
21. 1000	6. 19	6. 18	6. 17	6. 16	6. 15
21. 3500	6. 13	6. 12	6. 11	6. 10	6. 09
21. 6000	6. 08	6. 07	6. 05	6. 04	6. 03
21. 8500	6. 02	6. 01	6. 00	5. 99	5. 97
22. 1000	5. 96	5. 95	5. 94	5. 93	5. 92
22. 3500	5. 91	5. 89	5. 88	5. 87	5. 86
22. 6000	5. 85	5. 84	5. 82	5. 81	5. 80
22. 8500	5. 79	5. 78	5. 77	5. 76	5. 74
23. 1000	5. 73	5. 72	5. 71	5. 70	5. 69
23. 3500	5. 67	5. 66	5. 65	5. 64	5. 63
23. 6000	5. 62	5. 60	5. 59	5. 58	5. 57
23. 8500	5. 56	5. 55	5. 53	5. 50	5. 42
24. 1000	5. 22	4. 82	4. 23	3. 55	2. 86
24. 3500	2. 22	1. 67	1. 24	. 93	. 70
24. 6000	. 53	. 40	. 30	. 22	. 17
24. 8500	. 12	. 09	. 07	. 05	. 04
25. 1000	. 02	. 02	. 01	. 01	. 00



25.3500 | .00 asbuilt basin 1 2 and 4.txt

S/N:  
PondPack Ver: Compute Time: Date:

Type... Unit Hyd. Summary Page 7.23  
Name... BASIN3B Tag: 15 Event: 15 yr  
File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW  
Storm... TypeII 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm  
Duration = 24.0000 hrs Rain Depth = 5.2000 in  
Rain Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
Rain File -ID = - TypeII 24hr  
Unit Hyd Type = Default Curvilinear  
HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
HYG File - ID = - BASIN3B 15  
Tc = .2840 hrs  
Drainage Area = 1.400 acres Runoff CN= 70

=====  
Computational Time Increment = .03786 hrs  
Computed Peak Time = 12.0779 hrs  
Computed Peak Flow = 3.50 cfs

Time Increment for HYG File = .0500 hrs  
Peak Time, Interpolated Output = 12.0500 hrs  
Peak Flow, Interpolated Output = 3.44 cfs  
WARNING: The difference between calculated peak flow  
and interpolated peak flow is greater than 1.50%

-----  
DRAINAGE AREA

ID: BASIN3B  
CN = 70  
Area = 1.400 acres  
S = 4.2857 in  
0.2S = .8571 in

Cumulative Runoff

-----  
2.1858 in  
11108 cu. ft

HYG Volume... 11107 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .28396 hrs (ID: BASIN3B)  
Computational Incr, Tm = .03786 hrs = 0.20000 Tp

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

Unit peak, qp = 5.59 cfs  
Unit peak time, Tp = .18931 hrs  
Unit receding limb, Tr = .75724 hrs  
Total unit time, Tb = .94655 hrs

asbuilt basin 1 2 and 4.txt

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.24

Name... BASIN3B Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm

Duration = 24.0000 hrs Rain Depth = 5.2000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeI 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - BASIN3B 15

Tc = .2840 hrs

Drainage Area = 1.400 acres Runoff CN= 70

Calc. Increment= .03786 hrs Out. Incr. = .0500 hrs

HYG Volume = 11107 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
9.7500	.00	.00	.00	.00	.00
10.0000	.01	.01	.01	.01	.01
10.2500	.01	.01	.02	.02	.02
10.5000	.02	.02	.03	.03	.03
10.7500	.04	.04	.04	.05	.05
11.0000	.06	.06	.07	.07	.08
11.2500	.09	.10	.11	.12	.13
11.5000	.14	.16	.20	.27	.38
11.7500	.56	.82	1.20	1.77	2.46
12.0000	3.10	3.44	3.39	2.96	2.39
12.2500	1.86	1.46	1.20	1.01	.87
12.5000	.76	.67	.60	.54	.49
12.7500	.45	.43	.40	.38	.37
13.0000	.36	.34	.33	.32	.31
13.2500	.30	.29	.29	.28	.27
13.5000	.26	.26	.25	.25	.24
13.7500	.23	.23	.22	.22	.21
14.0000	.21	.20	.20	.20	.19
14.2500	.19	.19	.18	.18	.18
14.5000	.18	.18	.18	.17	.17
14.7500	.17	.17	.17	.17	.16
15.0000	.16	.16	.16	.16	.16
15.2500	.15	.15	.15	.15	.15
15.5000	.15	.14	.14	.14	.14
15.7500	.14	.14	.13	.13	.13
16.0000	.13	.13	.12	.12	.12
16.2500	.12	.12	.12	.12	.12
16.5000	.12	.12	.12	.12	.11
16.7500	.11	.11	.11	.11	.11
17.0000	.11	.11	.11	.11	.11

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.25

asbuilt basin 1 2 and 4.txt

Name... BASIN3B Tag: 15 Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
17. 2500	.11	.11	.11	.11	.11
17. 5000	.11	.10	.10	.10	.10
17. 7500	.10	.10	.10	.10	.10
18. 0000	.10	.10	.10	.10	.10
18. 2500	.10	.10	.09	.09	.09
18. 5000	.09	.09	.09	.09	.09
18. 7500	.09	.09	.09	.09	.09
19. 0000	.09	.09	.09	.08	.08
19. 2500	.08	.08	.08	.08	.08
19. 5000	.08	.08	.08	.08	.08
19. 7500	.08	.08	.08	.07	.07
20. 0000	.07	.07	.07	.07	.07
20. 2500	.07	.07	.07	.07	.07
20. 5000	.07	.07	.07	.07	.07
20. 7500	.07	.07	.07	.07	.07
21. 0000	.07	.07	.07	.07	.07
21. 2500	.07	.07	.07	.07	.07
21. 5000	.07	.07	.07	.07	.07
21. 7500	.07	.07	.07	.07	.07
22. 0000	.07	.07	.07	.07	.07
22. 2500	.07	.07	.07	.07	.07
22. 5000	.07	.06	.06	.06	.06
22. 7500	.06	.06	.06	.06	.06
23. 0000	.06	.06	.06	.06	.06
23. 2500	.06	.06	.06	.06	.06
23. 5000	.06	.06	.06	.06	.06
23. 7500	.06	.06	.06	.06	.06
24. 0000	.06	.06	.05	.04	.03
24. 2500	.02	.01	.01	.01	.00
24. 5000	.00	.00	.00		

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7. 26

Name... BASIN3B Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm

Duration = 24.0000 hrs Rain Depth = 5.7000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - BASIN3B 25

Tc = .2840 hrs

Drainage Area = 1.400 acres Runoff CN= 70

Computational Time Increment = .03786 hrs

```

          asbuilt basin 1 2 and 4.txt
Computed Peak Time      = 12.0779 hrs
Computed Peak Flow     = 4.13 cfs

Time Increment for HYG File = .0500 hrs
Peak Time, Interpolated Output = 12.0500 hrs
Peak Flow, Interpolated Output = 4.07 cfs
=====

```

DRAINAGE AREA

```

-----
ID: BASIN3B
CN = 70
Area = 1.400 acres
S = 4.2857 in
0.2S = .8571 in

```

Cumulative Runoff

```

-----
2.5692 in
13057 cu. ft

```

HYG Volume... 13055 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .28396 hrs (ID: BASIN3B)  
Computational Incr, Tm = .03786 hrs = 0.20000 Tp

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

Unit peak, qp = 5.59 cfs  
Unit peak time, Tp = .18931 hrs  
Unit receding limb, Tr = .75724 hrs  
Total unit time, Tb = .94655 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.27

Name... BASIN3B Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

```

STORM EVENT: 25 year storm
Duration = 24.0000 hrs Rain Depth = 5.7000 in
Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\
Rain File -ID = - TypeII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\
HYG File - ID = - BASIN3B 25
Tc = .2840 hrs
Drainage Area = 1.400 acres Runoff CN= 70
Calc. Increment= .03786 hrs Out. Incr. = .0500 hrs
HYG Volume = 13055 cu. ft

```

HYDROGRAPH ORDINATES (cfs)

Time  
hrs

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

asbuilt basin 1 2 and 4.txt

9. 3000	.00	.00	.00	.00	.00
9. 5500	.00	.01	.01	.01	.01
9. 8000	.01	.01	.01	.02	.02
10. 0500	.02	.02	.02	.02	.03
10. 3000	.03	.03	.03	.04	.04
10. 5500	.04	.05	.05	.05	.06
10. 8000	.06	.07	.07	.08	.08
11. 0500	.09	.10	.10	.11	.12
11. 3000	.13	.15	.16	.17	.19
11. 5500	.21	.26	.35	.48	.71
11. 8000	1.03	1.48	2.15	2.95	3.69
12. 0500	4.07	3.99	3.48	2.80	2.18
12. 3000	1.71	1.39	1.17	1.01	.88
12. 5500	.77	.69	.62	.57	.52
12. 8000	.49	.46	.44	.43	.41
13. 0500	.39	.38	.37	.36	.35
13. 3000	.34	.33	.32	.31	.30
13. 5500	.30	.29	.28	.27	.27
13. 8000	.26	.26	.25	.25	.24
14. 0500	.23	.23	.22	.22	.22
14. 3000	.21	.21	.21	.21	.20
14. 5500	.20	.20	.20	.20	.20
14. 8000	.19	.19	.19	.19	.19
15. 0500	.18	.18	.18	.18	.18
15. 3000	.17	.17	.17	.17	.17
15. 5500	.16	.16	.16	.16	.16
15. 8000	.15	.15	.15	.15	.15
16. 0500	.14	.14	.14	.14	.14
16. 3000	.14	.14	.14	.13	.13
16. 5500	.13	.13	.13	.13	.13

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 28

Name... BASIN3B

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

16. 8000	.13	.13	.13	.13	.13
17. 0500	.13	.13	.12	.12	.12
17. 3000	.12	.12	.12	.12	.12
17. 5500	.12	.12	.12	.12	.12
17. 8000	.12	.11	.11	.11	.11
18. 0500	.11	.11	.11	.11	.11
18. 3000	.11	.11	.11	.11	.11
18. 5500	.10	.10	.10	.10	.10
18. 8000	.10	.10	.10	.10	.10
19. 0500	.10	.10	.10	.10	.09
19. 3000	.09	.09	.09	.09	.09
19. 5500	.09	.09	.09	.09	.09
19. 8000	.09	.09	.08	.08	.08
20. 0500	.08	.08	.08	.08	.08
20. 3000	.08	.08	.08	.08	.08
20. 5500	.08	.08	.08	.08	.08
20. 8000	.08	.08	.08	.08	.08
21. 0500	.08	.08	.08	.08	.08



asbuilt basin 1 2 and 4.txt  
 Time Concentration, Tc = .28396 hrs (ID: BASIN3B)  
 Computational Incr, Tm = .03786 hrs = 0.20000 Tp  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp)))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
 Unit peak, qp = 5.59 cfs  
 Unit peak time, Tp = .18931 hrs  
 Unit receding limb, Tr = .75724 hrs  
 Total unit time, Tb = .94655 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output) Page 7.30

Name... BASIN3B Tag: 100 Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm  
 Duration = 24.0000 hrs Rain Depth = 7.0000 in  
 Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 HYG File - ID = - BASIN3B 100  
 Tc = .2840 hrs  
 Drainage Area = 1.400 acres Runoff CN= 70  
 Calc. Increment= .03786 hrs Out. Incr. = .0500 hrs  
 HYG Volume = 18387 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
8.3000	.00	.00	.00	.00	.00
8.5500	.00	.01	.01	.01	.01
8.8000	.01	.01	.01	.01	.02
9.0500	.02	.02	.02	.02	.02
9.3000	.03	.03	.03	.03	.03
9.5500	.03	.03	.04	.04	.04
9.8000	.04	.04	.05	.05	.05
10.0500	.06	.06	.06	.07	.07
10.3000	.07	.08	.08	.09	.09
10.5500	.10	.10	.11	.11	.12
10.8000	.13	.13	.14	.15	.16
11.0500	.17	.18	.19	.21	.22
11.3000	.24	.26	.28	.30	.33
11.5500	.36	.44	.57	.78	1.12
11.8000	1.60	2.26	3.20	4.31	5.31
12.0500	5.79	5.62	4.86	3.89	3.02
12.3000	2.36	1.92	1.61	1.37	1.20
12.5500	1.05	.94	.84	.77	.71
12.8000	.66	.62	.60	.57	.55
13.0500	.53	.51	.49	.48	.46
13.3000	.45	.44	.43	.42	.41
13.5500	.40	.39	.38	.37	.36
13.8000	.35	.34	.33	.33	.32
14.0500	.31	.31	.30	.29	.29





asbuilt basin 1 2 and 4.txt

4. PPW

Storm... TypeI 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm
Duration = 24.0000 hrs Rain Depth = 5.2000 in
Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\
Rain File -ID = - TypeI 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\
HYG File - ID = - BASIN4 15
Tc = .4028 hrs
Drainage Area = 10.200 acres Runoff CN= 73

Computational Time Increment = .05370 hrs
Computed Peak Time = 12.1363 hrs
Computed Peak Flow = 23.84 cfs

Time Increment for HYG File = .0500 hrs
Peak Time, Interpolated Output = 12.1500 hrs
Peak Flow, Interpolated Output = 23.54 cfs

DRAINAGE AREA

ID: BASIN4
CN = 73
Area = 10.200 acres
S = 3.6986 in
0.2S = .7397 in

Cumulative Runoff

2.4383 in
90281 cu. ft

HYG Volume... 90257 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .40275 hrs (ID: BASIN4)
Computational Incr, Tm = .05370 hrs = 0.20000 Tp

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

Unit peak, qp = 28.70 cfs
Unit peak time, Tp = .26850 hrs
Unit receding limb, Tr = 1.07401 hrs
Total unit time, Tb = 1.34251 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.33

Name... BASIN4

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 15

asbuilt basin 1 2 and 4.txt  
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.2000 in  
 Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 HYG File - ID = - BASIN4 15  
 Tc = .4028 hrs  
 Drainage Area = 10.200 acres Runoff CN= 73  
 Calc. Increment= .05370 hrs Out. Incr. = .0500 hrs  
 HYG Volume = 90257 cu. ft

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
8.9500	.00	.00	.00	.01	.01
9.2000	.01	.02	.02	.03	.04
9.4500	.04	.05	.06	.06	.07
9.7000	.08	.09	.10	.11	.12
9.9500	.13	.14	.15	.16	.17
10.2000	.19	.20	.22	.23	.25
10.4500	.27	.29	.31	.33	.35
10.7000	.38	.40	.43	.46	.50
10.9500	.53	.57	.61	.65	.70
11.2000	.75	.81	.88	.95	1.03
11.4500	1.12	1.22	1.35	1.54	1.89
11.7000	2.47	3.43	4.86	6.99	9.92
11.9500	13.62	17.62	21.08	23.20	23.54
12.2000	22.19	19.70	16.81	14.06	11.81
12.4500	10.06	8.68	7.55	6.62	5.85
12.7000	5.22	4.69	4.27	3.93	3.65
12.9500	3.42	3.22	3.05	2.90	2.76
13.2000	2.64	2.54	2.45	2.38	2.31
13.4500	2.25	2.19	2.13	2.07	2.02
13.7000	1.97	1.92	1.87	1.83	1.79
13.9500	1.75	1.71	1.67	1.63	1.60
14.2000	1.56	1.53	1.51	1.48	1.46
14.4500	1.44	1.43	1.41	1.40	1.38
14.7000	1.37	1.35	1.34	1.33	1.31
14.9500	1.30	1.29	1.27	1.26	1.25
15.2000	1.23	1.22	1.21	1.20	1.18
15.4500	1.17	1.16	1.14	1.13	1.12
15.7000	1.10	1.09	1.07	1.06	1.05
15.9500	1.03	1.02	1.01	.99	.98
16.2000	.97	.96	.95	.94	.93

S/N:  
 PondPack Ver: Compute Time: Date:

♀

Type... Unit Hyd. (HYG output) Page 7.34  
 Name... BASIN4 Tag: 15 Event: 15 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
16.4500	.93	.92	.92	.91	.90

asbuilt basin 1 2 and 4.txt

16. 7000	.90	.89	.89	.88	.88
16. 9500	.88	.87	.87	.86	.86
17. 2000	.85	.85	.84	.84	.83
17. 4500	.83	.82	.82	.81	.81
17. 7000	.80	.80	.79	.79	.78
17. 9500	.78	.77	.77	.76	.76
18. 2000	.76	.75	.75	.74	.74
18. 4500	.73	.73	.72	.72	.71
18. 7000	.71	.70	.70	.69	.69
18. 9500	.68	.68	.67	.67	.66
19. 2000	.66	.65	.65	.64	.64
19. 4500	.63	.63	.62	.62	.61
19. 7000	.61	.60	.60	.59	.59
19. 9500	.58	.58	.57	.57	.56
20. 2000	.56	.55	.55	.55	.55
20. 4500	.54	.54	.54	.54	.54
20. 7000	.54	.54	.53	.53	.53
20. 9500	.53	.53	.53	.53	.53
21. 2000	.53	.53	.53	.52	.52
21. 4500	.52	.52	.52	.52	.52
21. 7000	.52	.52	.52	.51	.51
21. 9500	.51	.51	.51	.51	.51
22. 2000	.51	.51	.51	.51	.50
22. 4500	.50	.50	.50	.50	.50
22. 7000	.50	.50	.50	.50	.49
22. 9500	.49	.49	.49	.49	.49
23. 2000	.49	.49	.49	.49	.49
23. 4500	.48	.48	.48	.48	.48
23. 7000	.48	.48	.48	.48	.48
23. 9500	.47	.47	.47	.44	.40
24. 2000	.35	.28	.22	.17	.12
24. 4500	.09	.07	.05	.04	.03
24. 7000	.02	.01	.01	.01	.01
24. 9500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. Summary

Page 7.35

Name... BASIN4 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm

Duration = 24.0000 hrs Rain Depth = 5.7000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - BASIN4 25

Tc = .4028 hrs

Drainage Area = 10.200 acres Runoff CN= 73

=====  
Computational Time Increment = .05370 hrs

Computed Peak Time = 12.1363 hrs

Computed Peak Flow = 27.88 cfs

Time Increment for HYG File = .0500 hrs

Peak Time, Interpolated Output = 12.1500 hrs

asbuilt basin 1 2 and 4.txt  
 Peak Flow, Interpolated Output = 27.51 cfs  
 =====

DRAINAGE AREA

-----  
 ID: BASIN4  
 CN = 73  
 Area = 10.200 acres  
 S = 3.6986 in  
 0.2S = .7397 in

Cumulative Runoff

-----  
 2.8415 in  
 105210 cu. ft

HYG Volume... 105180 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .40275 hrs (ID: BASIN4)  
 Computational Incr, Tm = .05370 hrs = 0.20000 Tp

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

Unit peak, qp = 28.70 cfs  
 Unit peak time, Tp = .26850 hrs  
 Unit receding limb, Tr = 1.07401 hrs  
 Total unit time, Tb = 1.34251 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7.36

Name... BASIN4

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.7000 in  
 Rain Dir = \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\  
 Rain File -ID = - TypeI 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\  
 HYG File - ID = - BASIN4 25  
 Tc = .4028 hrs  
 Drainage Area = 10.200 acres Runoff CN= 73  
 Calc. Increment= .05370 hrs Out. Incr. = .0500 hrs  
 HYG Volume = 105180 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
8.5500	.00	.00	.00	.01	.01
8.8000	.02	.02	.03	.03	.04
9.0500	.05	.06	.07	.07	.08
9.3000	.09	.10	.11	.12	.13

asbuilt basin 1 2 and 4.txt

9. 5500	. 13	. 14	. 15	. 16	. 17
9. 8000	. 18	. 19	. 20	. 22	. 23
10. 0500	. 25	. 26	. 28	. 29	. 31
10. 3000	. 33	. 35	. 37	. 40	. 42
10. 5500	. 45	. 47	. 50	. 53	. 57
10. 8000	. 60	. 64	. 68	. 72	. 77
11. 0500	. 82	. 87	. 93	. 99	1. 06
11. 3000	1. 14	1. 23	1. 33	1. 44	1. 56
11. 5500	1. 72	1. 95	2. 38	3. 09	4. 24
11. 8000	5. 96	8. 48	11. 94	16. 25	20. 86
12. 0500	24. 83	27. 21	27. 51	25. 87	22. 91
12. 3000	19. 51	16. 30	13. 67	11. 63	10. 02
12. 5500	8. 71	7. 62	6. 73	5. 99	5. 39
12. 8000	4. 90	4. 50	4. 18	3. 91	3. 68
13. 0500	3. 49	3. 31	3. 15	3. 02	2. 90
13. 3000	2. 80	2. 71	2. 63	2. 56	2. 49
13. 5500	2. 42	2. 36	2. 30	2. 24	2. 19
13. 8000	2. 13	2. 08	2. 04	1. 99	1. 94
14. 0500	1. 90	1. 85	1. 81	1. 78	1. 74
14. 3000	1. 71	1. 69	1. 66	1. 64	1. 62
14. 5500	1. 60	1. 59	1. 57	1. 55	1. 54
14. 8000	1. 52	1. 51	1. 49	1. 48	1. 46
15. 0500	1. 45	1. 43	1. 42	1. 40	1. 39
15. 3000	1. 37	1. 36	1. 34	1. 33	1. 31
15. 5500	1. 30	1. 28	1. 27	1. 25	1. 23
15. 8000	1. 22	1. 20	1. 19	1. 17	1. 16

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 37

Name... BASIN4

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
16. 0500	1. 14	1. 13	1. 11	1. 10	1. 09
16. 3000	1. 08	1. 07	1. 06	1. 05	1. 04
16. 5500	1. 04	1. 03	1. 03	1. 02	1. 01
16. 8000	1. 01	1. 00	1. 00	. 99	. 99
17. 0500	. 98	. 97	. 97	. 96	. 96
17. 3000	. 95	. 95	. 94	. 94	. 93
17. 5500	. 93	. 92	. 92	. 91	. 90
17. 8000	. 90	. 89	. 89	. 88	. 88
18. 0500	. 87	. 87	. 86	. 85	. 85
18. 3000	. 84	. 84	. 83	. 83	. 82
18. 5500	. 82	. 81	. 80	. 80	. 79
18. 8000	. 79	. 78	. 78	. 77	. 76
19. 0500	. 76	. 75	. 75	. 74	. 74
19. 3000	. 73	. 72	. 72	. 71	. 71
19. 5500	. 70	. 70	. 69	. 69	. 68
19. 8000	. 67	. 67	. 66	. 66	. 65
20. 0500	. 64	. 64	. 63	. 63	. 63
20. 3000	. 62	. 62	. 62	. 61	. 61
20. 5500	. 61	. 61	. 61	. 61	. 61
20. 8000	. 60	. 60	. 60	. 60	. 60
21. 0500	. 60	. 60	. 60	. 60	. 59
21. 3000	. 59	. 59	. 59	. 59	. 59
21. 5500	. 59	. 59	. 59	. 58	. 58



asbuilt basin 1 2 and 4.txt  
 Time Concentration, Tc = .40275 hrs (ID: BASIN4)  
 Computational Incr, Tm = .05370 hrs = 0.20000 Tp  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp)))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
 Unit peak, qp = 28.70 cfs  
 Unit peak time, Tp = .26850 hrs  
 Unit receding limb, Tr = 1.07401 hrs  
 Total unit time, Tb = 1.34251 hrs

S/N:  
 PondPack Ver: Compute Time: Date:

Type... Unit Hyd. (HYG output) Page 7.39  
 Name... BASIN4 Tag: 100 Event: 100 yr  
 File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW Storm... TypeII 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm  
 Duration = 24.0000 hrs Rain Depth = 7.0000 in  
 Rain Dir = \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\  
 HYG File - ID = - BASIN4 100  
 Tc = .4028 hrs  
 Drainage Area = 10.200 acres Runoff CN= 73  
 Calc. Increment = .05370 hrs Out. Incr. = .0500 hrs  
 HYG Volume = 145662 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
7.4500	.00	.00	.00	.01	.01
7.7000	.01	.02	.02	.03	.03
7.9500	.04	.04	.05	.06	.06
8.2000	.07	.08	.08	.09	.10
8.4500	.11	.12	.13	.14	.15
8.7000	.16	.17	.18	.19	.20
8.9500	.22	.23	.24	.26	.27
9.2000	.29	.30	.31	.32	.34
9.4500	.35	.36	.37	.38	.39
9.7000	.41	.42	.44	.46	.48
9.9500	.50	.52	.54	.56	.59
10.2000	.62	.65	.68	.71	.74
10.4500	.78	.82	.86	.90	.94
10.7000	.99	1.04	1.09	1.15	1.21
10.9500	1.28	1.35	1.42	1.50	1.59
11.2000	1.68	1.79	1.92	2.05	2.20
11.4500	2.36	2.54	2.77	3.12	3.76
11.7000	4.81	6.52	9.01	12.61	17.46
11.9500	23.41	29.67	34.94	37.98	38.16
12.2000	35.71	31.49	26.73	22.26	18.62
12.4500	15.79	13.57	11.76	10.27	9.04
12.7000	8.04	7.21	6.55	6.01	5.57
12.9500	5.20	4.90	4.63	4.39	4.18
13.2000	3.99	3.84	3.70	3.58	3.48

asbuilt basin 1 2 and 4.txt

13. 4500	3. 38	3. 29	3. 20	3. 12	3. 03
13. 7000	2. 96	2. 88	2. 81	2. 75	2. 68
13. 9500	2. 62	2. 56	2. 50	2. 44	2. 39
14. 2000	2. 34	2. 29	2. 25	2. 22	2. 18
14. 4500	2. 16	2. 13	2. 11	2. 08	2. 06
14. 7000	2. 04	2. 02	2. 00	1. 98	1. 96

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 40

Name... BASIN4 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
14. 9500	1. 94	1. 92	1. 90	1. 88	1. 86
15. 2000	1. 84	1. 82	1. 80	1. 78	1. 76
15. 4500	1. 74	1. 72	1. 70	1. 68	1. 66
15. 7000	1. 64	1. 62	1. 60	1. 58	1. 56
15. 9500	1. 53	1. 51	1. 49	1. 47	1. 46
16. 2000	1. 44	1. 42	1. 41	1. 39	1. 38
16. 4500	1. 37	1. 36	1. 36	1. 35	1. 34
16. 7000	1. 33	1. 32	1. 32	1. 31	1. 30
16. 9500	1. 29	1. 29	1. 28	1. 27	1. 27
17. 2000	1. 26	1. 25	1. 24	1. 24	1. 23
17. 4500	1. 22	1. 21	1. 21	1. 20	1. 19
17. 7000	1. 19	1. 18	1. 17	1. 16	1. 16
17. 9500	1. 15	1. 14	1. 13	1. 13	1. 12
18. 2000	1. 11	1. 11	1. 10	1. 09	1. 08
18. 4500	1. 08	1. 07	1. 06	1. 05	1. 05
18. 7000	1. 04	1. 03	1. 02	1. 02	1. 01
18. 9500	1. 00	1. 00	. 99	. 98	. 97
19. 2000	. 97	. 96	. 95	. 94	. 94
19. 4500	. 93	. 92	. 91	. 91	. 90
19. 7000	. 89	. 88	. 88	. 87	. 86
19. 9500	. 85	. 85	. 84	. 83	. 82
20. 2000	. 82	. 81	. 81	. 80	. 80
20. 4500	. 80	. 80	. 79	. 79	. 79
20. 7000	. 79	. 79	. 78	. 78	. 78
20. 9500	. 78	. 78	. 78	. 78	. 77
21. 2000	. 77	. 77	. 77	. 77	. 77
21. 4500	. 77	. 76	. 76	. 76	. 76
21. 7000	. 76	. 76	. 76	. 75	. 75
21. 9500	. 75	. 75	. 75	. 75	. 75
22. 2000	. 74	. 74	. 74	. 74	. 74
22. 4500	. 74	. 74	. 73	. 73	. 73
22. 7000	. 73	. 73	. 73	. 73	. 72
22. 9500	. 72	. 72	. 72	. 72	. 72
23. 2000	. 72	. 71	. 71	. 71	. 71
23. 4500	. 71	. 71	. 71	. 70	. 70
23. 7000	. 70	. 70	. 70	. 70	. 69
23. 9500	. 69	. 69	. 68	. 65	. 59
24. 2000	. 51	. 41	. 32	. 24	. 18
24. 4500	. 13	. 10	. 07	. 05	. 04
24. 7000	. 03	. 02	. 01	. 01	. 01
24. 9500	. 01	. 00	. 00	. 00	. 00

S/N:



PondPack Ver: Compute Time: Date:

♀

Type... Unit Hyd. Summary Page 7.41  
 Name... BASIN5 Tag: 15 Event: 15 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... TypeI 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.2000 in  
 Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeI 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 HYG File - ID = - BASIN5 15  
 Tc = .3078 hrs  
 Drainage Area = 19.300 acres Runoff CN= 71

```

=====
Computational Time Increment = .04104 hrs
Computed Peak Time           = 12.0657 hrs
Computed Peak Flow           = 47.93 cfs

Time Increment for HYG File  = .0500 hrs
Peak Time, Interpolated Output = 12.1000 hrs
Peak Flow, Interpolated Output = 47.49 cfs
=====
    
```

DRAINAGE AREA

```

-----
ID: BASIN5
CN = 71
Area = 19.300 acres
S = 4.0845 in
0.2S = .8169 in
    
```

Cumulative Runoff

```

-----
2.2688 in
158952 cu. ft
    
```

HYG Volume... 158941 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .30780 hrs (ID: BASIN5)  
 Computational Incr, Tm = .04104 hrs = 0.20000 Tp  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp)))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
 Unit peak, qp = 71.05 cfs  
 Unit peak time, Tp = .20520 hrs  
 Unit receding limb, Tr = .82080 hrs  
 Total unit time, Tb = 1.02600 hrs

S/N: PondPack Ver: Compute Time: Date:

♀

Type... Unit Hyd. (HYG output) Page 7.42

asbuilt basin 1 2 and 4.txt

Name.... BASIN5 Tag: 15 Event: 15 yr

File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm

Duration = 24.0000 hrs Rain Depth = 5.2000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeI 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - BASIN5 15

Tc = .3078 hrs

Drainage Area = 19.300 acres Runoff CN= 71

Calc. Increment= .04104 hrs Out. Incr. = .0500 hrs

HYG Volume = 158941 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
9.4000	.00	.00	.01	.01	.02
9.6500	.03	.04	.06	.07	.08
9.9000	.10	.12	.14	.16	.18
10.1500	.20	.22	.25	.27	.30
10.4000	.33	.36	.40	.43	.47
10.6500	.51	.55	.60	.65	.71
10.9000	.77	.83	.90	.97	1.04
11.1500	1.13	1.23	1.34	1.47	1.62
11.4000	1.77	1.94	2.13	2.40	2.89
11.6500	3.76	5.24	7.64	11.14	16.25
11.9000	23.47	32.59	41.26	46.75	47.49
12.1500	43.16	36.01	28.91	22.99	18.66
12.4000	15.65	13.40	11.63	10.20	9.04
12.6500	8.11	7.36	6.76	6.28	5.90
12.9000	5.60	5.35	5.13	4.93	4.76
13.1500	4.59	4.44	4.31	4.19	4.08
13.4000	3.98	3.88	3.78	3.68	3.59
13.6500	3.50	3.42	3.34	3.26	3.19
13.9000	3.12	3.05	2.98	2.91	2.85
14.1500	2.79	2.73	2.69	2.65	2.62
14.4000	2.59	2.56	2.53	2.51	2.49
14.6500	2.46	2.44	2.41	2.39	2.37
14.9000	2.34	2.32	2.30	2.27	2.25
15.1500	2.23	2.20	2.18	2.16	2.13
15.4000	2.11	2.08	2.06	2.04	2.01
15.6500	1.99	1.96	1.94	1.92	1.89
15.9000	1.87	1.84	1.82	1.79	1.77
16.1500	1.75	1.73	1.71	1.70	1.69
16.4000	1.68	1.67	1.66	1.65	1.64
16.6500	1.63	1.62	1.61	1.60	1.60

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type.... Unit Hyd. (HYG output)

Page 7.43

Name.... BASIN5 Tag: 15

Event: 15 yr

File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 15



asbuilt basin 1 2 and 4.txt

Time Increment for HYG File = .0500 hrs  
Peak Time, Interpolated Output = 12.1000 hrs  
Peak Flow, Interpolated Output = 55.82 cfs

DRAINAGE AREA

ID: BASIN5  
CN = 71  
Area = 19.300 acres  
S = 4.0845 in  
0.2S = .8169 in

Cumulative Runoff

2.6590 in  
186285 cu. ft

HYG Volume... 186272 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .30780 hrs (ID: BASIN5)  
Computational Incr, Tm = .04104 hrs = 0.20000 Tp

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

Unit peak, qp = 71.05 cfs  
Unit peak time, Tp = .20520 hrs  
Unit receding limb, Tr = .82080 hrs  
Total unit time, Tb = 1.02600 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7.45

Name... BASIN5 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm

Duration = 24.0000 hrs Rain Depth = 5.7000 in

Rain Dir = \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\

Rain File -ID = - TypeI 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\

HYG File - ID = - BASIN5 25

Tc = .3078 hrs

Drainage Area = 19.300 acres Runoff CN= 71

Calc. Incr.= .04104 hrs Out. Incr. = .0500 hrs

HYG Volume = 186272 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
8.9500	.00	.00	.01	.01	.02

asbuilt basin 1 2 and 4.txt

9. 2000	.03	.04	.06	.07	.09
9. 4500	.10	.12	.13	.15	.16
9. 7000	.18	.20	.21	.24	.26
9. 9500	.28	.30	.33	.36	.38
10. 2000	.41	.45	.48	.52	.56
10. 4500	.60	.64	.68	.73	.78
10. 7000	.84	.90	.96	1.03	1.11
10. 9500	1.18	1.27	1.35	1.45	1.56
11. 2000	1.68	1.82	1.98	2.16	2.35
11. 4500	2.56	2.79	3.12	3.72	4.81
11. 7000	6.63	9.57	13.80	19.88	28.40
11. 9500	39.03	49.02	55.20	55.82	50.56
12. 2000	42.08	33.72	26.76	21.68	18.16
12. 4500	15.51	13.44	11.78	10.42	9.34
12. 7000	8.47	7.78	7.22	6.78	6.43
12. 9500	6.13	5.88	5.66	5.45	5.26
13. 2000	5.09	4.94	4.80	4.67	4.55
13. 4500	4.44	4.32	4.21	4.11	4.01
13. 7000	3.91	3.82	3.73	3.64	3.56
13. 9500	3.48	3.40	3.33	3.25	3.18
14. 2000	3.12	3.07	3.03	2.99	2.95
14. 4500	2.92	2.89	2.86	2.84	2.81
14. 7000	2.78	2.75	2.73	2.70	2.67
14. 9500	2.65	2.62	2.59	2.57	2.54
15. 2000	2.51	2.48	2.46	2.43	2.40
15. 4500	2.38	2.35	2.32	2.29	2.26
15. 7000	2.24	2.21	2.18	2.15	2.13
15. 9500	2.10	2.07	2.04	2.01	1.99
16. 2000	1.97	1.95	1.93	1.92	1.91

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.46

Name... BASIN5 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
16. 4500	1.90	1.88	1.87	1.86	1.85
16. 7000	1.84	1.83	1.82	1.81	1.80
16. 9500	1.79	1.79	1.78	1.77	1.76
17. 2000	1.75	1.74	1.73	1.72	1.71
17. 4500	1.70	1.69	1.68	1.67	1.66
17. 7000	1.65	1.64	1.63	1.62	1.61
17. 9500	1.60	1.59	1.58	1.57	1.56
18. 2000	1.55	1.54	1.53	1.52	1.51
18. 4500	1.50	1.49	1.48	1.47	1.45
18. 7000	1.44	1.43	1.42	1.41	1.40
18. 9500	1.39	1.38	1.37	1.36	1.35
19. 2000	1.34	1.33	1.32	1.31	1.30
19. 4500	1.29	1.28	1.27	1.26	1.25
19. 7000	1.24	1.23	1.22	1.21	1.20
19. 9500	1.19	1.18	1.16	1.16	1.15
20. 2000	1.14	1.13	1.13	1.12	1.12
20. 4500	1.12	1.12	1.11	1.11	1.11
20. 7000	1.11	1.10	1.10	1.10	1.10
20. 9500	1.10	1.10	1.09	1.09	1.09
21. 2000	1.09	1.09	1.08	1.08	1.08

	asbuilt basin 1 2 and 4.txt					
21. 4500	1.08	1.08	1.07	1.07	1.07	
21. 7000	1.07	1.07	1.06	1.06	1.06	
21. 9500	1.06	1.06	1.05	1.05	1.05	
22. 2000	1.05	1.05	1.04	1.04	1.04	
22. 4500	1.04	1.04	1.03	1.03	1.03	
22. 7000	1.03	1.03	1.02	1.02	1.02	
22. 9500	1.02	1.02	1.01	1.01	1.01	
23. 2000	1.01	1.01	1.00	1.00	1.00	
23. 4500	1.00	1.00	.99	.99	.99	
23. 7000	.99	.99	.98	.98	.98	
23. 9500	.98	.97	.95	.87	.73	
24. 2000	.55	.39	.26	.17	.12	
24. 4500	.08	.05	.03	.02	.02	
24. 7000	.01	.01	.00	.00	.00	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7.47

Name... BASIN5

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 7.0000 in

Rain Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

HYG File - ID = - BASIN5 100

Tc = .3078 hrs

Drainage Area = 19.300 acres Runoff CN= 71

=====  
Computational Time Increment = .04104 hrs

Computed Peak Time = 12.0657 hrs

Computed Peak Flow = 79.63 cfs

Time Increment for HYG File = .0500 hrs

Peak Time, Interpolated Output = 12.1000 hrs

Peak Flow, Interpolated Output = 78.24 cfs

WARNING: The difference between calculated peak flow and interpolated peak flow is greater than 1.50%

-----  
DRAINAGE AREA

ID: BASIN5

CN = 71

Area = 19.300 acres

S = 4.0845 in

0.2S = .8169 in

Cumulative Runoff

-----  
3.7234 in

260860 cu. ft

HYG Volume... 260841 cu. ft (area under HYG curve)



asbuilt basin 1 2 and 4.txt

13. 4500	5. 91	5. 76	5. 61	5. 47	5. 33
13. 7000	5. 20	5. 07	4. 96	4. 84	4. 73
13. 9500	4. 63	4. 52	4. 42	4. 32	4. 23
14. 2000	4. 14	4. 07	4. 01	3. 96	3. 92
14. 4500	3. 87	3. 83	3. 79	3. 76	3. 72
14. 7000	3. 68	3. 65	3. 61	3. 57	3. 54
14. 9500	3. 50	3. 47	3. 43	3. 39	3. 36
15. 2000	3. 32	3. 28	3. 25	3. 21	3. 17

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 49

Name... BASIN5

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
15. 4500	3. 14	3. 10	3. 06	3. 03	2. 99
15. 7000	2. 95	2. 92	2. 88	2. 84	2. 80
15. 9500	2. 77	2. 73	2. 69	2. 66	2. 62
16. 2000	2. 59	2. 57	2. 55	2. 53	2. 51
16. 4500	2. 50	2. 48	2. 47	2. 45	2. 44
16. 7000	2. 43	2. 41	2. 40	2. 39	2. 38
16. 9500	2. 36	2. 35	2. 34	2. 32	2. 31
17. 2000	2. 30	2. 28	2. 27	2. 26	2. 24
17. 4500	2. 23	2. 22	2. 20	2. 19	2. 18
17. 7000	2. 16	2. 15	2. 14	2. 12	2. 11
17. 9500	2. 10	2. 08	2. 07	2. 06	2. 04
18. 2000	2. 03	2. 02	2. 00	1. 99	1. 98
18. 4500	1. 96	1. 95	1. 94	1. 92	1. 91
18. 7000	1. 90	1. 88	1. 87	1. 85	1. 84
18. 9500	1. 83	1. 81	1. 80	1. 79	1. 77
19. 2000	1. 76	1. 75	1. 73	1. 72	1. 70
19. 4500	1. 69	1. 68	1. 66	1. 65	1. 64
19. 7000	1. 62	1. 61	1. 59	1. 58	1. 57
19. 9500	1. 55	1. 54	1. 53	1. 51	1. 50
20. 2000	1. 49	1. 48	1. 48	1. 47	1. 47
20. 4500	1. 46	1. 46	1. 46	1. 45	1. 45
20. 7000	1. 45	1. 45	1. 44	1. 44	1. 44
20. 9500	1. 44	1. 43	1. 43	1. 43	1. 42
21. 2000	1. 42	1. 42	1. 42	1. 41	1. 41
21. 4500	1. 41	1. 41	1. 40	1. 40	1. 40
21. 7000	1. 40	1. 39	1. 39	1. 39	1. 39
21. 9500	1. 38	1. 38	1. 38	1. 38	1. 37
22. 2000	1. 37	1. 37	1. 36	1. 36	1. 36
22. 4500	1. 36	1. 35	1. 35	1. 35	1. 35
22. 7000	1. 34	1. 34	1. 34	1. 34	1. 33
22. 9500	1. 33	1. 33	1. 33	1. 32	1. 32
23. 2000	1. 32	1. 31	1. 31	1. 31	1. 31
23. 4500	1. 30	1. 30	1. 30	1. 30	1. 29
23. 7000	1. 29	1. 29	1. 29	1. 28	1. 28
23. 9500	1. 28	1. 27	1. 24	1. 13	. 95
24. 2000	. 72	. 51	. 34	. 23	. 15
24. 4500	. 10	. 07	. 05	. 03	. 02
24. 7000	. 01	. 01	. 00	. 00	. 00
24. 9500	. 00				

S/N:



PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary Page 7.50  
 Name... BYPASS1 Tag: 15 Event: 15 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... TypeII 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.2000 in  
 Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 HYG File - ID = - BYPASS1 15  
 Tc = .4544 hrs  
 Drainage Area = 60.800 acres Runoff CN= 90

=====  
 Computational Time Increment = .06059 hrs  
 Computed Peak Time = 12.1181 hrs  
 Computed Peak Flow = 216.28 cfs

Time Increment for HYG File = .0500 hrs  
 Peak Time, Interpolated Output = 12.1500 hrs  
 Peak Flow, Interpolated Output = 215.37 cfs  
 =====

DRAINAGE AREA

-----  
 ID: BYPASS1  
 CN = 90  
 Area = 60.800 acres  
 S = 1.1111 in  
 0.2S = .2222 in

Cumulative Runoff

-----  
 4.0694 in  
 898138 cu. ft

HYG Volume... 898134 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .45443 hrs (ID: BYPASS1)  
 Computational Incr, Tm = .06059 hrs = 0.20000 Tp  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp)))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
 Unit peak, qp = 151.60 cfs  
 Unit peak time, Tp = .30295 hrs  
 Unit receding limb, Tr = 1.21181 hrs  
 Total unit time, Tb = 1.51476 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.51

asbuilt basin 1 2 and 4.txt

Name... BYPASS1 Tag: 15 Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm

Duration = 24.0000 hrs Rain Depth = 5.2000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeI 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - BYPASS1 15

Tc = .4544 hrs

Drainage Area = 60.800 acres Runoff CN= 90

Calc. Increment= .06059 hrs Out. Incr. = .0500 hrs

HYG Volume = 898134 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
3.7000	.00	.00	.01	.01	.02
3.9500	.03	.05	.07	.09	.11
4.2000	.14	.16	.19	.21	.24
4.4500	.27	.30	.33	.36	.39
4.7000	.42	.45	.48	.51	.54
4.9500	.57	.61	.64	.67	.70
5.2000	.74	.77	.81	.84	.87
5.4500	.91	.94	.98	1.01	1.05
5.7000	1.09	1.12	1.16	1.20	1.23
5.9500	1.27	1.31	1.34	1.38	1.42
6.2000	1.46	1.49	1.53	1.57	1.61
6.4500	1.65	1.69	1.73	1.77	1.81
6.7000	1.84	1.88	1.92	1.96	2.00
6.9500	2.05	2.09	2.13	2.17	2.21
7.2000	2.25	2.29	2.33	2.37	2.41
7.4500	2.46	2.50	2.54	2.58	2.62
7.7000	2.67	2.71	2.75	2.79	2.84
7.9500	2.88	2.92	2.96	3.01	3.06
8.2000	3.11	3.17	3.24	3.31	3.39
8.4500	3.48	3.57	3.67	3.77	3.88
8.7000	3.99	4.10	4.21	4.33	4.44
8.9500	4.56	4.68	4.80	4.93	5.05
9.2000	5.16	5.26	5.36	5.45	5.52
9.4500	5.59	5.66	5.72	5.78	5.84
9.7000	5.92	6.00	6.11	6.23	6.37
9.9500	6.52	6.68	6.86	7.05	7.24
10.2000	7.45	7.67	7.91	8.16	8.42
10.4500	8.70	8.98	9.28	9.58	9.90
10.7000	10.25	10.61	11.00	11.42	11.86
10.9500	12.33	12.81	13.32	13.85	14.43

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Unit Hyd. (HYG output)

Page 7.52

Name... BYPASS1 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 15

asbuilt basin 1 2 and 4.txt  
 HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
11. 2000	15. 08	15. 81	16. 62	17. 51	18. 49
11. 4500	19. 55	20. 74	22. 32	24. 73	28. 55
11. 7000	34. 47	43. 83	57. 78	77. 18	102. 07
11. 9500	131. 69	164. 23	192. 68	210. 51	215. 37
12. 2000	207. 84	190. 46	167. 06	142. 66	120. 55
12. 4500	102. 02	87. 08	75. 04	65. 25	57. 19
12. 7000	50. 45	44. 82	40. 15	36. 29	33. 21
12. 9500	30. 68	28. 53	26. 69	25. 10	23. 70
13. 2000	22. 48	21. 39	20. 42	19. 56	18. 82
13. 4500	18. 18	17. 64	17. 13	16. 65	16. 18
13. 7000	15. 74	15. 33	14. 93	14. 56	14. 20
13. 9500	13. 85	13. 52	13. 20	12. 88	12. 59
14. 2000	12. 31	12. 05	11. 82	11. 61	11. 43
14. 4500	11. 26	11. 10	10. 96	10. 83	10. 70
14. 7000	10. 58	10. 47	10. 35	10. 24	10. 13
14. 9500	10. 02	9. 91	9. 81	9. 70	9. 59
15. 2000	9. 49	9. 38	9. 28	9. 17	9. 06
15. 4500	8. 96	8. 85	8. 75	8. 64	8. 54
15. 7000	8. 43	8. 32	8. 22	8. 11	8. 01
15. 9500	7. 90	7. 79	7. 69	7. 59	7. 49
16. 2000	7. 39	7. 30	7. 22	7. 15	7. 09
16. 4500	7. 03	6. 97	6. 92	6. 88	6. 83
16. 7000	6. 79	6. 75	6. 71	6. 67	6. 63
16. 9500	6. 59	6. 55	6. 51	6. 47	6. 44
17. 2000	6. 40	6. 36	6. 32	6. 28	6. 25
17. 4500	6. 21	6. 17	6. 13	6. 10	6. 06
17. 7000	6. 02	5. 98	5. 94	5. 91	5. 87
17. 9500	5. 83	5. 79	5. 75	5. 72	5. 68
18. 2000	5. 64	5. 60	5. 56	5. 53	5. 49
18. 4500	5. 45	5. 41	5. 37	5. 34	5. 30
18. 7000	5. 26	5. 22	5. 18	5. 15	5. 11
18. 9500	5. 07	5. 03	4. 99	4. 96	4. 92
19. 2000	4. 88	4. 84	4. 80	4. 77	4. 73
19. 4500	4. 69	4. 65	4. 61	4. 58	4. 54
19. 7000	4. 50	4. 46	4. 42	4. 38	4. 35
19. 9500	4. 31	4. 27	4. 23	4. 20	4. 16
20. 2000	4. 13	4. 10	4. 07	4. 05	4. 03
20. 4500	4. 01	4. 00	3. 98	3. 97	3. 96
20. 7000	3. 95	3. 94	3. 93	3. 92	3. 92
20. 9500	3. 91	3. 90	3. 89	3. 88	3. 88
21. 2000	3. 87	3. 86	3. 85	3. 85	3. 84
21. 4500	3. 83	3. 82	3. 82	3. 81	3. 80
21. 7000	3. 79	3. 79	3. 78	3. 77	3. 76
21. 9500	3. 75	3. 75	3. 74	3. 73	3. 72
22. 2000	3. 72	3. 71	3. 70	3. 69	3. 69

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7.53

Name... BYPASS1

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
----------	--	--	--	--	--

asbuilt basin 1 2 and 4.txt

22. 4500	3. 68	3. 67	3. 66	3. 66	3. 65
22. 7000	3. 64	3. 63	3. 63	3. 62	3. 61
22. 9500	3. 60	3. 60	3. 59	3. 58	3. 57
23. 2000	3. 57	3. 56	3. 55	3. 54	3. 54
23. 4500	3. 53	3. 52	3. 51	3. 51	3. 50
23. 7000	3. 49	3. 48	3. 48	3. 47	3. 46
23. 9500	3. 45	3. 44	3. 39	3. 27	3. 05
24. 2000	2. 72	2. 33	1. 91	1. 51	1. 17
24. 4500	. 89	. 67	. 51	. 39	. 30
24. 7000	. 23	. 17	. 13	. 10	. 07
24. 9500	. 06	. 04	. 03	. 02	. 02
25. 2000	. 01	. 01	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

‡

Type... Unit Hyd. Summary

Page 7.54

Name... BYPASS1

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

Storm... TypeI 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm

Duration = 24.0000 hrs Rain Depth = 5.7000 in

Rain Dir = \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Rain File -ID = - TypeI 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

HYG File - ID = - BYPASS1 25

Tc = .4544 hrs

Drainage Area = 60.800 acres Runoff CN= 90

=====  
Computational Time Increment = .06059 hrs

Computed Peak Time = 12.1181 hrs

Computed Peak Flow = 240.91 cfs

Time Increment for HYG File = .0500 hrs

Peak Time, Interpolated Output = 12.1500 hrs

Peak Flow, Interpolated Output = 239.77 cfs  
=====

DRAINAGE AREA

-----  
ID: BYPASS1

CN = 90

Area = 60.800 acres

S = 1.1111 in

0.2S = .2222 in

Cumulative Runoff

-----  
4.5540 in

1005094 cu. ft

HYG Volume... 1005090 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .45443 hrs (ID: BYPASS1)

Computational Incr, Tm = .06059 hrs = 0.20000 Tp

asbuilt basin 1 2 and 4.txt

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

Unit peak, qp = 151.60 cfs  
 Unit peak time Tp = .30295 hrs  
 Unit receding limb, Tr = 1.21181 hrs  
 Total unit time, Tb = 1.51476 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output) Page 7.55

Name... BYPASS1 Tag: 25 Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm

Duration = 24.0000 hrs Rain Depth = 5.7000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - BYPASS1 25

Tc = .4544 hrs

Drainage Area = 60.800 acres Runoff CN= 90

Calc. Increment= .06059 hrs Out. Incr. = .0500 hrs

HYG Volume = 1005090 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
3.4000	.00	.00	.00	.01	.02
3.6500	.03	.05	.07	.09	.12
3.9000	.14	.17	.20	.23	.26
4.1500	.29	.32	.35	.39	.42
4.4000	.45	.49	.52	.56	.59
4.6500	.63	.66	.70	.73	.77
4.9000	.81	.85	.88	.92	.96
5.1500	1.00	1.04	1.07	1.11	1.15
5.4000	1.19	1.23	1.27	1.31	1.35
5.6500	1.39	1.44	1.48	1.52	1.56
5.9000	1.60	1.64	1.69	1.73	1.77
6.1500	1.82	1.86	1.90	1.95	1.99
6.4000	2.03	2.08	2.12	2.17	2.21
6.6500	2.25	2.30	2.34	2.39	2.43
6.9000	2.48	2.53	2.57	2.62	2.66
7.1500	2.71	2.75	2.80	2.85	2.89
7.4000	2.94	2.99	3.03	3.08	3.13
7.6500	3.17	3.22	3.27	3.32	3.36
7.9000	3.41	3.46	3.51	3.56	3.61
8.1500	3.66	3.72	3.79	3.86	3.95
8.4000	4.04	4.14	4.25	4.36	4.48
8.6500	4.60	4.72	4.85	4.98	5.11
8.9000	5.24	5.38	5.52	5.66	5.79
9.1500	5.93	6.06	6.17	6.28	6.38
9.4000	6.47	6.54	6.61	6.68	6.74
9.6500	6.81	6.89	6.99	7.11	7.24

asbuilt basin 1 2 and 4.txt

9. 9000	7. 40	7. 57	7. 76	7. 95	8. 16
10. 1500	8. 39	8. 62	8. 87	9. 14	9. 42
10. 4000	9. 72	10. 03	10. 35	10. 68	11. 03
10. 6500	11. 39	11. 78	12. 19	12. 63	13. 10

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 56

Name... BYPASS1 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
10. 9000	13. 59	14. 12	14. 66	15. 23	15. 84
11. 1500	16. 48	17. 21	18. 03	18. 94	19. 95
11. 4000	21. 04	22. 23	23. 57	25. 34	28. 04
11. 6500	32. 33	38. 98	49. 48	65. 10	86. 77
11. 9000	114. 51	147. 44	183. 53	214. 99	234. 59
12. 1500	239. 77	231. 21	211. 73	185. 61	158. 44
12. 4000	133. 83	113. 22	96. 60	83. 21	72. 32
12. 6500	63. 37	55. 88	49. 63	44. 44	40. 16
12. 9000	36. 74	33. 93	31. 55	29. 51	27. 74
13. 1500	26. 19	24. 84	23. 64	22. 55	21. 60
13. 4000	20. 78	20. 08	19. 48	18. 92	18. 38
13. 6500	17. 87	17. 38	16. 92	16. 49	16. 07
13. 9000	15. 68	15. 29	14. 92	14. 57	14. 22
14. 1500	13. 90	13. 59	13. 30	13. 04	12. 81
14. 4000	12. 61	12. 43	12. 26	12. 10	11. 95
14. 6500	11. 81	11. 68	11. 55	11. 42	11. 30
14. 9000	11. 18	11. 06	10. 94	10. 82	10. 70
15. 1500	10. 59	10. 47	10. 35	10. 23	10. 12
15. 4000	10. 00	9. 88	9. 77	9. 65	9. 53
15. 6500	9. 42	9. 30	9. 18	9. 07	8. 95
15. 9000	8. 83	8. 71	8. 60	8. 48	8. 37
16. 1500	8. 26	8. 15	8. 05	7. 97	7. 89
16. 4000	7. 82	7. 75	7. 69	7. 64	7. 58
16. 6500	7. 54	7. 49	7. 44	7. 40	7. 35
16. 9000	7. 31	7. 27	7. 22	7. 18	7. 14
17. 1500	7. 10	7. 05	7. 01	6. 97	6. 93
17. 4000	6. 89	6. 85	6. 80	6. 76	6. 72
17. 6500	6. 68	6. 64	6. 60	6. 55	6. 51
17. 9000	6. 47	6. 43	6. 39	6. 34	6. 30
18. 1500	6. 26	6. 22	6. 18	6. 13	6. 09
18. 4000	6. 05	6. 01	5. 97	5. 93	5. 88
18. 6500	5. 84	5. 80	5. 76	5. 72	5. 67
18. 9000	5. 63	5. 59	5. 55	5. 51	5. 46
19. 1500	5. 42	5. 38	5. 34	5. 30	5. 25
19. 4000	5. 21	5. 17	5. 13	5. 09	5. 04
19. 6500	5. 00	4. 96	4. 92	4. 87	4. 83
19. 9000	4. 79	4. 75	4. 71	4. 66	4. 62
20. 1500	4. 58	4. 55	4. 52	4. 49	4. 46
20. 4000	4. 44	4. 42	4. 40	4. 39	4. 38
20. 6500	4. 36	4. 35	4. 34	4. 33	4. 32
20. 9000	4. 31	4. 31	4. 30	4. 29	4. 28
21. 1500	4. 27	4. 26	4. 25	4. 25	4. 24
21. 4000	4. 23	4. 22	4. 21	4. 20	4. 20
21. 6500	4. 19	4. 18	4. 17	4. 16	4. 15
21. 9000	4. 15	4. 14	4. 13	4. 12	4. 11



asbuilt basin 1 2 and 4.txt  
 CN = 90  
 Area = 60.800 acres  
 S = 1.1111 in  
 0.2S = .2222 in

Cumulative Runoff

-----  
 5.8232 in  
 1285195 cu. ft

HYG Volume... 1285189 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .45443 hrs (ID: BYPASS1)  
 Computational Incr, Tm = .06059 hrs = 0.20000 Tp

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

Unit peak, qp = 151.60 cfs  
 Unit peak time Tp = .30295 hrs  
 Unit receding limb, Tr = 1.21181 hrs  
 Total unit time, Tb = 1.51476 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7.59

Name... BYPASS1

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 7.0000 in

Rain Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

HYG File - ID = - BYPASS1 100

Tc = .4544 hrs

Drainage Area = 60.800 acres Runoff CN= 90

Calc. Increment = .06059 hrs Out. Incr. = .0500 hrs

HYG Volume = 1285189 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
2.8500	.00	.00	.01	.01	.03
3.1000	.05	.07	.10	.13	.16
3.3500	.20	.24	.28	.32	.36
3.6000	.40	.45	.49	.53	.58
3.8500	.62	.66	.71	.75	.79
4.1000	.84	.88	.93	.97	1.02
4.3500	1.06	1.11	1.15	1.20	1.25
4.6000	1.30	1.35	1.40	1.45	1.50
4.8500	1.55	1.60	1.65	1.70	1.75
5.1000	1.80	1.85	1.91	1.96	2.01



asbuilt basin 1 2 and 4.txt

5. 3500	2. 06	2. 12	2. 17	2. 22	2. 28
5. 6000	2. 33	2. 39	2. 44	2. 50	2. 55
5. 8500	2. 61	2. 66	2. 72	2. 77	2. 83
6. 1000	2. 89	2. 94	3. 00	3. 06	3. 11
6. 3500	3. 17	3. 23	3. 29	3. 34	3. 40
6. 6000	3. 46	3. 52	3. 57	3. 63	3. 69
6. 8500	3. 75	3. 81	3. 87	3. 92	3. 98
7. 1000	4. 04	4. 10	4. 16	4. 22	4. 28
7. 3500	4. 34	4. 40	4. 45	4. 51	4. 57
7. 6000	4. 63	4. 69	4. 75	4. 81	4. 87
7. 8500	4. 93	4. 99	5. 05	5. 11	5. 17
8. 1000	5. 23	5. 30	5. 38	5. 47	5. 57
8. 3500	5. 68	5. 80	5. 94	6. 08	6. 23
8. 6000	6. 39	6. 55	6. 71	6. 88	7. 05
8. 8500	7. 23	7. 41	7. 59	7. 77	7. 95
9. 1000	8. 13	8. 31	8. 47	8. 62	8. 76
9. 3500	8. 88	8. 99	9. 08	9. 17	9. 24
9. 6000	9. 32	9. 41	9. 50	9. 62	9. 77
9. 8500	9. 95	10. 15	10. 37	10. 61	10. 86
10. 1000	11. 14	11. 43	11. 73	12. 06	12. 40

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 60

Name... BYPASS1 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
10. 3500	12. 77	13. 15	13. 56	13. 97	14. 40
10. 6000	14. 85	15. 32	15. 82	16. 35	16. 91
10. 8500	17. 52	18. 16	18. 83	19. 53	20. 26
11. 1000	21. 04	21. 87	22. 80	23. 85	25. 02
11. 3500	26. 31	27. 72	29. 24	30. 95	33. 22
11. 6000	36. 69	42. 20	50. 74	64. 19	84. 14
11. 8500	111. 68	146. 77	188. 25	233. 53	272. 74
12. 1000	296. 90	302. 90	291. 65	266. 76	233. 60
12. 3500	199. 25	168. 18	142. 17	121. 22	104. 33
12. 6000	90. 62	79. 35	69. 92	62. 06	55. 54
12. 8500	50. 17	45. 87	42. 35	39. 36	36. 80
13. 1000	34. 58	32. 64	30. 95	29. 44	28. 08
13. 3500	26. 89	25. 87	24. 99	24. 24	23. 54
13. 6000	22. 87	22. 24	21. 63	21. 05	20. 51
13. 8500	19. 99	19. 50	19. 02	18. 56	18. 12
14. 1000	17. 69	17. 28	16. 89	16. 54	16. 22
14. 3500	15. 93	15. 68	15. 45	15. 23	15. 04
14. 6000	14. 86	14. 68	14. 52	14. 36	14. 20
14. 8500	14. 04	13. 89	13. 74	13. 59	13. 45
15. 1000	13. 30	13. 15	13. 01	12. 86	12. 71
15. 3500	12. 57	12. 42	12. 28	12. 13	11. 99
15. 6000	11. 84	11. 70	11. 55	11. 40	11. 26
15. 8500	11. 11	10. 97	10. 82	10. 68	10. 53
16. 1000	10. 39	10. 25	10. 12	10. 00	9. 89
16. 3500	9. 79	9. 70	9. 62	9. 55	9. 48
16. 6000	9. 42	9. 35	9. 30	9. 24	9. 18
16. 8500	9. 13	9. 07	9. 02	8. 97	8. 91
17. 1000	8. 86	8. 81	8. 76	8. 70	8. 65
17. 3500	8. 60	8. 55	8. 50	8. 44	8. 39

asbuilt basin 1 2 and 4.txt

17. 6000	8. 34	8. 29	8. 24	8. 18	8. 13
17. 8500	8. 08	8. 03	7. 97	7. 92	7. 87
18. 1000	7. 82	7. 77	7. 71	7. 66	7. 61
18. 3500	7. 56	7. 51	7. 45	7. 40	7. 35
18. 6000	7. 30	7. 25	7. 19	7. 14	7. 09
18. 8500	7. 04	6. 98	6. 93	6. 88	6. 83
19. 1000	6. 78	6. 72	6. 67	6. 62	6. 57
19. 3500	6. 51	6. 46	6. 41	6. 36	6. 31
19. 6000	6. 25	6. 20	6. 15	6. 10	6. 04
19. 8500	5. 99	5. 94	5. 89	5. 84	5. 78
20. 1000	5. 73	5. 68	5. 64	5. 60	5. 56
20. 3500	5. 53	5. 50	5. 48	5. 46	5. 44
20. 6000	5. 43	5. 41	5. 40	5. 38	5. 37
20. 8500	5. 36	5. 35	5. 34	5. 33	5. 32
21. 1000	5. 31	5. 30	5. 28	5. 27	5. 26
21. 3500	5. 25	5. 24	5. 23	5. 22	5. 21

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 61

Name... BYPASS1 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
21. 6000	5. 20	5. 19	5. 18	5. 17	5. 16
21. 8500	5. 15	5. 14	5. 13	5. 12	5. 11
22. 1000	5. 10	5. 09	5. 08	5. 07	5. 06
22. 3500	5. 05	5. 04	5. 03	5. 01	5. 00
22. 6000	4. 99	4. 98	4. 97	4. 96	4. 95
22. 8500	4. 94	4. 93	4. 92	4. 91	4. 90
23. 1000	4. 89	4. 88	4. 87	4. 86	4. 85
23. 3500	4. 84	4. 83	4. 82	4. 81	4. 80
23. 6000	4. 79	4. 78	4. 76	4. 75	4. 74
23. 8500	4. 73	4. 72	4. 71	4. 70	4. 63
24. 1000	4. 47	4. 16	3. 72	3. 18	2. 60
24. 3500	2. 06	1. 59	1. 21	. 92	. 70
24. 6000	. 53	. 41	. 31	. 24	. 18
24. 8500	. 13	. 10	. 08	. 06	. 04
25. 1000	. 03	. 02	. 02	. 01	. 01
25. 3500	. 00	. 00	. 00		

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7. 62

Name... BYPASS2 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm

Duration = 24.0000 hrs Rain Depth = 5.2000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

asbuilt basin 1 2 and 4.txt  
 HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 HYG File - ID = - BYPASS2 15  
 Tc = .4172 hrs  
 Drainage Area = 128.100 acres Runoff CN= 78

=====  
 Computational Time Increment = .05563 hrs  
 Computed Peak Time = 12.1266 hrs  
 Computed Peak Flow = 349.99 cfs

Time Increment for HYG File = .0500 hrs  
 Peak Time, Interpolated Output = 12.1500 hrs  
 Peak Flow, Interpolated Output = 345.44 cfs  
 =====

DRAINAGE AREA

-----  
 ID: BYPASS2  
 CN = 78  
 Area = 128.100 acres  
 S = 2.8205 in  
 0.2S = .5641 in

Cumulative Runoff

-----  
 2.8823 in  
 1340274 cu. ft

HYG Volume... 1339369 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .41720 hrs (ID: BYPASS2)  
 Computational Incr, Tm = .05563 hrs = 0.20000 Tp  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp)))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
 Unit peak, qp = 347.90 cfs  
 Unit peak time, Tp = .27813 hrs  
 Unit receding limb, Tr = 1.11253 hrs  
 Total unit time, Tb = 1.39066 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7.63

Name... BYPASS2 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.2000 in  
 Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeI 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 HYG File - ID = - BYPASS2 15  
 Tc = .4172 hrs

asbuilt basin 1 2 and 4.txt  
 Drainage Area = 128.100 acres Runoff CN= 78  
 Calc. Increment= .05563 hrs Out. Incr. = .0500 hrs  
 HYG Volume = 1339369 cu. ft

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

---

Time hrs					
7.5000	.00	.00	.01	.01	.03
7.7500	.05	.08	.12	.16	.20
8.0000	.25	.30	.36	.41	.47
8.2500	.53	.60	.66	.74	.81
8.5000	.89	.98	1.06	1.16	1.25
8.7500	1.35	1.45	1.56	1.67	1.78
9.0000	1.90	2.02	2.15	2.27	2.40
9.2500	2.52	2.64	2.75	2.86	2.97
9.5000	3.08	3.18	3.29	3.40	3.52
9.7500	3.65	3.80	3.95	4.12	4.31
10.0000	4.50	4.71	4.93	5.16	5.40
10.2500	5.66	5.93	6.22	6.53	6.86
10.5000	7.19	7.55	7.92	8.32	8.74
10.7500	9.19	9.68	10.20	10.76	11.35
11.0000	11.97	12.63	13.34	14.11	14.97
11.2500	15.94	17.03	18.24	19.57	21.02
11.5000	22.66	24.85	28.26	33.96	43.29
11.7500	57.65	78.53	108.66	151.12	204.68
12.0000	262.02	310.41	339.92	345.44	327.80
12.2500	293.51	252.17	211.91	177.78	151.07
12.5000	129.95	112.83	98.61	86.77	77.02
12.7500	68.99	62.44	57.14	52.90	49.37
13.0000	46.38	43.78	41.48	39.41	37.57
13.2500	35.97	34.61	33.45	32.46	31.54
13.5000	30.67	29.83	29.04	28.27	27.54
13.7500	26.85	26.19	25.56	24.96	24.38
14.0000	23.82	23.26	22.73	22.22	21.75
14.2500	21.32	20.94	20.60	20.30	20.03
14.5000	19.79	19.56	19.34	19.13	18.93
14.7500	18.74	18.54	18.36	18.17	17.98

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.64

Name... BYPASS2 Tag: 15

Event: 15 yr

File... \\2serverpr\ PondPack\ Elmer-j obs\ Di erberg Tract\ ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

---

Time hrs					
15.0000	17.80	17.61	17.42	17.24	17.05
15.2500	16.87	16.69	16.50	16.32	16.13
15.5000	15.95	15.76	15.57	15.38	15.20
15.7500	15.01	14.82	14.64	14.45	14.26
16.0000	14.07	13.88	13.70	13.52	13.36
16.2500	13.20	13.07	12.95	12.84	12.75
16.5000	12.66	12.58	12.50	12.42	12.35
16.7500	12.28	12.21	12.14	12.07	12.01
17.0000	11.94	11.87	11.81	11.74	11.67
17.2500	11.61	11.54	11.47	11.41	11.34
17.5000	11.27	11.21	11.14	11.07	11.00

asbuilt basin 1 2 and 4.txt

17. 7500	10. 94	10. 87	10. 80	10. 74	10. 67
18. 0000	10. 60	10. 53	10. 47	10. 40	10. 33
18. 2500	10. 26	10. 19	10. 13	10. 06	9. 99
18. 5000	9. 92	9. 85	9. 79	9. 72	9. 65
18. 7500	9. 58	9. 51	9. 44	9. 38	9. 31
19. 0000	9. 24	9. 17	9. 10	9. 03	8. 96
19. 2500	8. 89	8. 83	8. 76	8. 69	8. 62
19. 5000	8. 55	8. 48	8. 41	8. 34	8. 27
19. 7500	8. 20	8. 13	8. 06	8. 00	7. 93
20. 0000	7. 86	7. 79	7. 72	7. 66	7. 60
20. 2500	7. 55	7. 50	7. 46	7. 43	7. 40
20. 5000	7. 38	7. 36	7. 34	7. 32	7. 31
20. 7500	7. 29	7. 28	7. 26	7. 25	7. 23
21. 0000	7. 22	7. 21	7. 19	7. 18	7. 17
21. 2500	7. 15	7. 14	7. 13	7. 12	7. 10
21. 5000	7. 09	7. 08	7. 06	7. 05	7. 04
21. 7500	7. 02	7. 01	7. 00	6. 98	6. 97
22. 0000	6. 96	6. 94	6. 93	6. 92	6. 90
22. 2500	6. 89	6. 88	6. 86	6. 85	6. 84
22. 5000	6. 82	6. 81	6. 80	6. 78	6. 77
22. 7500	6. 76	6. 74	6. 73	6. 72	6. 70
23. 0000	6. 69	6. 68	6. 66	6. 65	6. 64
23. 2500	6. 62	6. 61	6. 60	6. 58	6. 57
23. 5000	6. 56	6. 54	6. 53	6. 52	6. 50
23. 7500	6. 49	6. 48	6. 46	6. 45	6. 43
24. 0000	6. 40	6. 28	6. 02	5. 54	4. 83
24. 2500	3. 99	3. 16	2. 42	1. 80	1. 34
24. 5000	. 99	. 74	. 55	. 41	. 30
24. 7500	. 22	. 16	. 12	. 09	. 06
25. 0000	. 05	. 03	. 02	. 01	. 01
25. 2500	. 00	. 00	. 00		

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7. 65

Name... BYPASS2

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm

Duration = 24.0000 hrs Rain Depth = 5.7000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - BYPASS2 25

Tc = .4172 hrs

Drainage Area = 128.100 acres Runoff CN= 78

=====  
 Computational Time Increment = .05563 hrs  
 Computed Peak Time = 12.1266 hrs  
 Computed Peak Flow = 402.83 cfs

Time Increment for HYG File = .0500 hrs  
 Peak Time, Interpolated Output = 12.1500 hrs  
 Peak Flow, Interpolated Output = 397.19 cfs  
 =====

asbuilt basin 1 2 and 4.txt  
DRAINAGE AREA

-----  
ID: BYPASS2  
CN = 78  
Area = 128.100 acres  
S = 2.8205 in  
0.2S = .5641 in

Cumulative Runoff

-----  
3.3152 in  
1541598 cu. ft

HYG Volume... 1540566 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .41720 hrs (ID: BYPASS2)  
Computational Incr, Tm = .05563 hrs = 0.20000 Tp  
  
Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp)))  
Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
Unit peak, qp = 347.90 cfs  
Unit peak time, Tp = .27813 hrs  
Unit receding limb, Tr = 1.11253 hrs  
Total unit time, Tb = 1.39066 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7.66

Name... BYPASS2 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm  
Duration = 24.0000 hrs Rain Depth = 5.7000 in  
Rain Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
Rain File -ID = - TypeI 24hr  
Unit Hyd Type = Default Curvilinear  
HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
HYG File - ID = - BYPASS2 25  
Tc = .4172 hrs  
Drainage Area = 128.100 acres Runoff CN= 78  
Calc. Increment= .05563 hrs Out. Incr. = .0500 hrs  
HYG Volume = 1540566 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
7.0500	.00	.00	.01	.02	.04
7.3000	.07	.10	.14	.19	.24
7.5500	.29	.35	.41	.47	.53
7.8000	.59	.65	.72	.78	.85
8.0500	.92	.98	1.05	1.13	1.20
8.3000	1.29	1.37	1.47	1.56	1.67
8.5500	1.77	1.88	2.00	2.12	2.25

asbuilt basin 1 2 and 4.txt

8. 8000	2. 38	2. 51	2. 65	2. 79	2. 93
9. 0500	3. 08	3. 24	3. 39	3. 54	3. 69
9. 3000	3. 83	3. 96	4. 09	4. 22	4. 34
9. 5500	4. 46	4. 58	4. 71	4. 85	5. 00
9. 8000	5. 17	5. 36	5. 56	5. 78	6. 02
10. 0500	6. 27	6. 53	6. 81	7. 10	7. 42
10. 3000	7. 75	8. 10	8. 47	8. 86	9. 27
10. 5500	9. 69	10. 14	10. 61	11. 12	11. 66
10. 8000	12. 24	12. 87	13. 53	14. 23	14. 97
11. 0500	15. 75	16. 59	17. 51	18. 53	19. 68
11. 3000	20. 96	22. 39	23. 97	25. 68	27. 62
11. 5500	30. 19	34. 23	40. 97	51. 98	68. 87
11. 8000	93. 31	128. 36	177. 40	238. 84	304. 20
12. 0500	358. 94	391. 82	397. 19	376. 17	336. 26
12. 3000	288. 49	242. 15	202. 93	172. 25	148. 02
12. 5500	128. 38	112. 09	98. 54	87. 39	78. 21
12. 8000	70. 74	64. 69	59. 85	55. 82	52. 41
13. 0500	49. 46	46. 84	44. 48	42. 39	40. 57
13. 3000	39. 03	37. 72	36. 60	35. 55	34. 56
13. 5500	33. 62	32. 72	31. 85	31. 02	30. 24
13. 8000	29. 49	28. 78	28. 11	27. 45	26. 81
14. 0500	26. 19	25. 58	25. 01	24. 48	23. 99
14. 3000	23. 56	23. 18	22. 84	22. 54	22. 26

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 67

Name... BYPASS2

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time hrs | Time on left represents time for first value in each row.

14. 5500	22. 00	21. 75	21. 52	21. 29	21. 07
14. 8000	20. 85	20. 64	20. 43	20. 21	20. 01
15. 0500	19. 80	19. 58	19. 38	19. 17	18. 96
15. 3000	18. 75	18. 54	18. 33	18. 12	17. 91
15. 5500	17. 70	17. 49	17. 28	17. 07	16. 86
15. 8000	16. 65	16. 44	16. 23	16. 01	15. 80
16. 0500	15. 59	15. 38	15. 18	14. 99	14. 82
16. 3000	14. 67	14. 54	14. 42	14. 31	14. 21
16. 5500	14. 12	14. 03	13. 94	13. 86	13. 78
16. 8000	13. 70	13. 63	13. 55	13. 47	13. 40
17. 0500	13. 32	13. 25	13. 17	13. 09	13. 02
17. 3000	12. 94	12. 87	12. 80	12. 72	12. 64
17. 5500	12. 57	12. 49	12. 42	12. 34	12. 27
17. 8000	12. 19	12. 11	12. 04	11. 96	11. 89
18. 0500	11. 81	11. 73	11. 66	11. 58	11. 50
18. 3000	11. 43	11. 35	11. 28	11. 20	11. 12
18. 5500	11. 05	10. 97	10. 89	10. 81	10. 74
18. 8000	10. 66	10. 58	10. 51	10. 43	10. 35
19. 0500	10. 28	10. 20	10. 12	10. 04	9. 97
19. 3000	9. 89	9. 81	9. 73	9. 66	9. 58
19. 5500	9. 50	9. 42	9. 34	9. 27	9. 19
19. 8000	9. 11	9. 03	8. 96	8. 88	8. 80
20. 0500	8. 72	8. 65	8. 58	8. 51	8. 45
20. 3000	8. 40	8. 36	8. 32	8. 29	8. 27
20. 5500	8. 24	8. 22	8. 20	8. 18	8. 16
20. 8000	8. 15	8. 13	8. 12	8. 10	8. 09

asbuilt basin 1 2 and 4.txt

21. 0500	8.07	8.05	8.04	8.03	8.01
21. 3000	7.99	7.98	7.97	7.95	7.94
21. 5500	7.92	7.91	7.89	7.88	7.86
21. 8000	7.85	7.83	7.82	7.80	7.79
22. 0500	7.77	7.76	7.74	7.73	7.71
22. 3000	7.70	7.68	7.67	7.65	7.64
22. 5500	7.62	7.61	7.59	7.58	7.56
22. 8000	7.55	7.53	7.52	7.50	7.49
23. 0500	7.47	7.46	7.44	7.43	7.41
23. 3000	7.39	7.38	7.36	7.35	7.33
23. 5500	7.32	7.30	7.29	7.27	7.26
23. 8000	7.24	7.23	7.21	7.20	7.16
24. 0500	7.03	6.73	6.19	5.40	4.47
24. 3000	3.54	2.70	2.02	1.50	1.11
24. 5500	.83	.61	.45	.33	.25
24. 8000	.18	.14	.10	.07	.05
25. 0500	.04	.02	.02	.01	.00
25. 3000	.00	.00			

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7.68

Name... BYPASS2

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs

Rain Depth = 7.0000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - BYPASS2 100

Tc = .4172 hrs

Drainage Area = 128.100 acres Runoff CN= 78

=====  
Computational Time Increment = .05563 hrs

Computed Peak Time = 12.1266 hrs

Computed Peak Flow = 542.52 cfs

Time Increment for HYG File = .0500 hrs

Peak Time, Interpolated Output = 12.1500 hrs

Peak Flow, Interpolated Output = 533.90 cfs

WARNING: The difference between calculated peak flow and interpolated peak flow is greater than 1.50%

-----  
DRAINAGE AREA

ID: BYPASS2

CN = 78

Area = 128.100 acres

S = 2.8205 in

0.2S = .5641 in

-----  
Cumulative Runoff

4.4748 in

Page 128



asbuilt basin 1 2 and 4.txt  
2080805 cu. ft

HYG Volume... 2079438 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .41720 hrs (ID: BYPASS2)  
Computational Incr, Tm = .05563 hrs = 0.20000 Tp

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

Unit peak, qp = 347.90 cfs  
Unit peak time Tp = .27813 hrs  
Unit receding limb, Tr = 1.11253 hrs  
Total unit time, Tb = 1.39066 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.69

Name... BYPASS2

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 7.0000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeI 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - BYPASS2 100

Tc = .4172 hrs

Drainage Area = 128.100 acres Runoff CN= 78

Calc. Increment= .05563 hrs Out. Incr. = .0500 hrs

HYG Volume = 2079438 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
6.0500	.00	.00	.01	.01	.03
6.3000	.06	.09	.14	.19	.25
6.5500	.32	.38	.45	.53	.60
6.8000	.68	.76	.83	.91	.99
7.0500	1.08	1.16	1.24	1.33	1.41
7.3000	1.50	1.58	1.67	1.76	1.84
7.5500	1.93	2.02	2.11	2.20	2.29
7.8000	2.39	2.48	2.57	2.66	2.76
8.0500	2.85	2.95	3.05	3.16	3.28
8.3000	3.41	3.54	3.69	3.85	4.01
8.5500	4.19	4.37	4.55	4.74	4.94
8.8000	5.15	5.35	5.57	5.79	6.01
9.0500	6.24	6.47	6.70	6.93	7.14
9.3000	7.34	7.53	7.71	7.87	8.03
9.5500	8.19	8.35	8.52	8.71	8.92
9.8000	9.16	9.43	9.73	10.06	10.40
10.0500	10.77	11.16	11.57	12.00	12.46
10.3000	12.95	13.47	14.01	14.58	15.18

asbuilt basin 1 2 and 4.txt

10. 5500	15. 80	16. 45	17. 13	17. 86	18. 65
10. 8000	19. 49	20. 39	21. 34	22. 35	23. 40
11. 0500	24. 52	25. 71	27. 02	28. 47	30. 10
11. 3000	31. 93	33. 96	36. 18	38. 60	41. 33
11. 5500	44. 96	50. 67	60. 22	75. 78	99. 48
11. 8000	133. 46	181. 63	248. 05	330. 23	416. 58
12. 0500	487. 78	529. 22	533. 90	503. 70	448. 85
12. 3000	384. 05	321. 60	268. 97	227. 84	195. 37
12. 5500	169. 11	147. 35	129. 31	114. 47	102. 30
12. 8000	92. 38	84. 37	77. 96	72. 64	68. 13
13. 0500	64. 23	60. 77	57. 68	54. 93	52. 54
13. 3000	50. 53	48. 81	47. 35	45. 98	44. 69

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.70

Name... BYPASS2 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
Time hrs	Time on left represents time for first value in each row.				
13. 5500	43. 46	42. 28	41. 15	40. 08	39. 05
13. 8000	38. 08	37. 16	36. 28	35. 43	34. 59
14. 0500	33. 78	33. 00	32. 25	31. 56	30. 93
14. 3000	30. 36	29. 87	29. 43	29. 04	28. 67
14. 5500	28. 33	28. 01	27. 71	27. 41	27. 12
14. 8000	26. 84	26. 56	26. 28	26. 01	25. 74
15. 0500	25. 46	25. 19	24. 92	24. 65	24. 38
15. 3000	24. 11	23. 84	23. 57	23. 29	23. 02
15. 5500	22. 75	22. 47	22. 20	21. 93	21. 65
15. 8000	21. 38	21. 11	20. 84	20. 56	20. 29
16. 0500	20. 01	19. 74	19. 49	19. 25	19. 02
16. 3000	18. 83	18. 65	18. 50	18. 36	18. 23
16. 5500	18. 11	17. 99	17. 88	17. 78	17. 67
16. 8000	17. 57	17. 47	17. 37	17. 27	17. 17
17. 0500	17. 08	16. 98	16. 88	16. 78	16. 68
17. 3000	16. 59	16. 49	16. 39	16. 30	16. 20
17. 5500	16. 10	16. 00	15. 90	15. 81	15. 71
17. 8000	15. 61	15. 51	15. 41	15. 32	15. 22
18. 0500	15. 12	15. 02	14. 92	14. 82	14. 73
18. 3000	14. 63	14. 53	14. 43	14. 33	14. 23
18. 5500	14. 13	14. 03	13. 93	13. 84	13. 74
18. 8000	13. 64	13. 54	13. 44	13. 34	13. 24
19. 0500	13. 14	13. 04	12. 94	12. 84	12. 74
19. 3000	12. 64	12. 54	12. 45	12. 35	12. 24
19. 5500	12. 14	12. 04	11. 94	11. 84	11. 74
19. 8000	11. 65	11. 55	11. 44	11. 34	11. 24
20. 0500	11. 15	11. 05	10. 96	10. 87	10. 80
20. 3000	10. 73	10. 68	10. 63	10. 59	10. 56
20. 5500	10. 53	10. 50	10. 47	10. 45	10. 43
20. 8000	10. 41	10. 38	10. 36	10. 34	10. 32
21. 0500	10. 30	10. 28	10. 26	10. 25	10. 23
21. 3000	10. 21	10. 19	10. 17	10. 15	10. 13
21. 5500	10. 11	10. 09	10. 07	10. 05	10. 03
21. 8000	10. 01	9. 99	9. 97	9. 95	9. 94
22. 0500	9. 92	9. 90	9. 88	9. 86	9. 84
22. 3000	9. 82	9. 80	9. 78	9. 76	9. 74
22. 5500	9. 72	9. 70	9. 68	9. 66	9. 64



asbuilt basin 1 2 and 4.txt  
 0.2S = 1.1250 in

Cumulative Runoff

-----  
 1.7119 in  
 440592 cu. ft

HYG Volume... 440781 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .42792 hrs (ID: BYPASS3)  
 Computational Incr, Tm = .05706 hrs = 0.20000 Tp

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

Unit peak, qp = 187.73 cfs  
 Unit peak time, Tp = .28528 hrs  
 Unit receding limb, Tr = 1.14112 hrs  
 Total unit time, Tb = 1.42640 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7.73

Name... BYPASS3 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.2000 in  
 Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 HYG File - ID = - BYPASS3 15  
 Tc = .4279 hrs  
 Drainage Area = 70.900 acres Runoff CN= 64  
 Calc. Increment = .05706 hrs Out. Incr. = .0500 hrs  
 HYG Volume = 440781 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
10.7500	.00	.00	.01	.03	.07
11.0000	.12	.20	.30	.42	.57
11.2500	.74	.94	1.17	1.44	1.73
11.5000	2.09	2.54	3.21	4.30	6.06
11.7500	9.10	14.13	22.26	34.22	50.17
12.0000	68.72	86.78	100.62	106.51	103.91
12.2500	95.71	84.64	72.94	62.25	53.42
12.5000	46.42	40.79	36.12	32.17	28.83
12.7500	26.05	23.75	21.85	20.29	19.01
13.0000	17.94	17.01	16.18	15.43	14.76
13.2500	14.15	13.62	13.16	12.78	12.43
13.5000	12.10	11.79	11.49	11.20	10.92
13.7500	10.66	10.41	10.17	9.95	9.72

asbuilt basin 1 2 and 4.txt

14. 0000	9. 51	9. 30	9. 09	8. 90	8. 72
14. 2500	8. 55	8. 41	8. 28	8. 16	8. 06
14. 5000	7. 96	7. 87	7. 79	7. 71	7. 64
14. 7500	7. 57	7. 49	7. 42	7. 35	7. 28
15. 0000	7. 21	7. 14	7. 07	7. 00	6. 93
15. 2500	6. 86	6. 79	6. 72	6. 65	6. 58
15. 5000	6. 51	6. 43	6. 36	6. 29	6. 22
15. 7500	6. 14	6. 07	6. 00	5. 92	5. 85
16. 0000	5. 77	5. 70	5. 63	5. 56	5. 49
16. 2500	5. 43	5. 38	5. 33	5. 29	5. 25
16. 5000	5. 22	5. 18	5. 15	5. 13	5. 10
16. 7500	5. 07	5. 04	5. 02	4. 99	4. 96
17. 0000	4. 94	4. 91	4. 89	4. 86	4. 84
17. 2500	4. 81	4. 79	4. 76	4. 73	4. 71
17. 5000	4. 68	4. 66	4. 63	4. 60	4. 58
17. 7500	4. 55	4. 53	4. 50	4. 47	4. 45
18. 0000	4. 42	4. 39	4. 37	4. 34	4. 31

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 74

Name... BYPASS3

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
18. 2500	4. 29	4. 26	4. 23	4. 20	4. 18
18. 5000	4. 15	4. 12	4. 10	4. 07	4. 04
18. 7500	4. 01	3. 99	3. 96	3. 93	3. 90
19. 0000	3. 88	3. 85	3. 82	3. 79	3. 77
19. 2500	3. 74	3. 71	3. 68	3. 65	3. 63
19. 5000	3. 60	3. 57	3. 54	3. 51	3. 49
19. 7500	3. 46	3. 43	3. 40	3. 37	3. 34
20. 0000	3. 32	3. 29	3. 26	3. 23	3. 21
20. 2500	3. 19	3. 17	3. 15	3. 14	3. 13
20. 5000	3. 12	3. 11	3. 10	3. 10	3. 09
20. 7500	3. 08	3. 08	3. 07	3. 07	3. 06
21. 0000	3. 06	3. 05	3. 05	3. 04	3. 04
21. 2500	3. 03	3. 03	3. 02	3. 02	3. 01
21. 5000	3. 01	3. 00	3. 00	2. 99	2. 99
21. 7500	2. 98	2. 98	2. 97	2. 97	2. 96
22. 0000	2. 96	2. 95	2. 95	2. 94	2. 94
22. 2500	2. 93	2. 93	2. 92	2. 92	2. 91
22. 5000	2. 91	2. 90	2. 90	2. 89	2. 89
22. 7500	2. 88	2. 88	2. 87	2. 87	2. 86
23. 0000	2. 86	2. 85	2. 84	2. 84	2. 83
23. 2500	2. 83	2. 82	2. 82	2. 81	2. 81
23. 5000	2. 80	2. 80	2. 79	2. 79	2. 78
23. 7500	2. 78	2. 77	2. 77	2. 76	2. 76
24. 0000	2. 74	2. 69	2. 58	2. 39	2. 10
24. 2500	1. 76	1. 41	1. 09	. 82	. 61
24. 5000	. 46	. 34	. 26	. 19	. 14
24. 7500	. 11	. 08	. 06	. 04	. 03
25. 0000	. 02	. 02	. 01	. 01	. 00
25. 2500	. 00	. 00	. 00		

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary Page 7.75  
 Name... BYPASS3 Tag: 25 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... TypeII 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.7000 in  
 Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 HYG File - ID = - BYPASS3 25  
 Tc = .4279 hrs  
 Drainage Area = 70.900 acres Runoff CN= 64

=====  
 Computational Time Increment = .05706 hrs  
 Computed Peak Time = 12.1529 hrs  
 Computed Peak Flow = 130.33 cfs  
 Time Increment for HYG File = .0500 hrs  
 Peak Time, Interpolated Output = 12.1500 hrs  
 Peak Flow, Interpolated Output = 129.96 cfs  
 =====

DRAINAGE AREA

-----  
 ID: BYPASS3  
 CN = 64  
 Area = 70.900 acres  
 S = 5.6250 in  
 0.2S = 1.1250 in

Cumulative Runoff

-----  
 2.0520 in  
 528123 cu. ft

HYG Volume... 528347 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .42792 hrs (ID: BYPASS3)  
 Computational Incr, Tm = .05706 hrs = 0.20000 Tp  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
 Unit peak, qp = 187.73 cfs  
 Unit peak time, Tp = .28528 hrs  
 Unit receding limb, Tr = 1.14112 hrs  
 Total unit time, Tb = 1.42640 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output) Page 7.76  
 Name... BYPASS3 Tag: 25 Event: 25 yr  
 Page 134

asbuilt basin 1 2 and 4.txt

File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW Storm... TypeI 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm  
Duration = 24.0000 hrs Rain Depth = 5.7000 in  
Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
Rain File -ID = - TypeI 24hr  
Unit Hyd Type = Default Curvilinear  
HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
HYG File - ID = - BYPASS3 25  
Tc = .4279 hrs  
Drainage Area = 70.900 acres Runoff CN= 64  
Calc. Increment= .05706 hrs Out. Incr. = .0500 hrs  
HYG Volume = 528347 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
10.4000	.00	.00	.01	.02	.05
10.6500	.09	.15	.23	.32	.43
10.9000	.55	.68	.83	1.00	1.18
11.1500	1.39	1.61	1.86	2.15	2.47
11.4000	2.83	3.24	3.71	4.32	5.22
11.6500	6.68	9.04	13.05	19.52	29.75
11.9000	44.52	63.92	86.17	107.55	123.60
12.1500	129.96	126.17	115.77	102.04	87.69
12.4000	74.65	63.91	55.39	48.57	42.92
12.6500	38.14	34.13	30.79	28.02	25.75
12.9000	23.88	22.34	21.06	19.95	18.96
13.1500	18.07	17.27	16.55	15.92	15.38
13.4000	14.93	14.52	14.13	13.76	13.41
13.6500	13.06	12.74	12.43	12.14	11.86
13.9000	11.59	11.33	11.07	10.83	10.59
14.1500	10.36	10.14	9.95	9.78	9.63
14.4000	9.49	9.37	9.26	9.15	9.06
14.6500	8.97	8.88	8.79	8.71	8.62
14.9000	8.54	8.45	8.37	8.29	8.21
15.1500	8.13	8.04	7.96	7.88	7.79
15.4000	7.71	7.63	7.54	7.46	7.38
15.6500	7.29	7.21	7.12	7.04	6.95
15.9000	6.86	6.78	6.69	6.60	6.52
16.1500	6.44	6.36	6.29	6.23	6.17
16.4000	6.12	6.08	6.04	6.00	5.97
16.6500	5.93	5.90	5.87	5.84	5.80
16.9000	5.77	5.74	5.71	5.68	5.65
17.1500	5.62	5.59	5.56	5.53	5.50
17.4000	5.47	5.44	5.41	5.38	5.35
17.6500	5.32	5.29	5.26	5.23	5.20

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type.... Unit Hyd. (HYG output)

Page 7.77

Name.... BYPASS3 Tag: 25

Event: 25 yr

File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

asbuilt basin 1 2 and 4.txt

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs						
17. 9000	5. 17	5. 14	5. 11	5. 07	5. 04	
18. 1500	5. 01	4. 98	4. 95	4. 92	4. 89	
18. 4000	4. 86	4. 82	4. 79	4. 76	4. 73	
18. 6500	4. 70	4. 67	4. 63	4. 60	4. 57	
18. 9000	4. 54	4. 51	4. 47	4. 44	4. 41	
19. 1500	4. 38	4. 34	4. 31	4. 28	4. 25	
19. 4000	4. 21	4. 18	4. 15	4. 12	4. 08	
19. 6500	4. 05	4. 02	3. 99	3. 95	3. 92	
19. 9000	3. 89	3. 85	3. 82	3. 79	3. 76	
20. 1500	3. 73	3. 70	3. 67	3. 65	3. 63	
20. 4000	3. 62	3. 61	3. 59	3. 58	3. 58	
20. 6500	3. 57	3. 56	3. 55	3. 55	3. 54	
20. 9000	3. 53	3. 53	3. 52	3. 52	3. 51	
21. 1500	3. 50	3. 50	3. 49	3. 49	3. 48	
21. 4000	3. 47	3. 47	3. 46	3. 46	3. 45	
21. 6500	3. 45	3. 44	3. 43	3. 43	3. 42	
21. 9000	3. 42	3. 41	3. 40	3. 40	3. 39	
22. 1500	3. 39	3. 38	3. 37	3. 37	3. 36	
22. 4000	3. 36	3. 35	3. 34	3. 34	3. 33	
22. 6500	3. 33	3. 32	3. 31	3. 31	3. 30	
22. 9000	3. 30	3. 29	3. 28	3. 28	3. 27	
23. 1500	3. 27	3. 26	3. 25	3. 25	3. 24	
23. 4000	3. 24	3. 23	3. 22	3. 22	3. 21	
23. 6500	3. 20	3. 20	3. 19	3. 19	3. 18	
23. 9000	3. 17	3. 17	3. 15	3. 10	2. 97	
24. 1500	2. 75	2. 42	2. 02	1. 62	1. 25	
24. 4000	. 94	. 70	. 53	. 39	. 29	
24. 6500	. 22	. 16	. 12	. 09	. 07	
24. 9000	. 05	. 04	. 03	. 02	. 01	
25. 1500	. 01	. 01	. 00	. 00	. 00	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7. 78

Name... BYPASS3

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 7.0000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - BYPASS3 100

Tc = .4279 hrs

Drainage Area = 70.900 acres Runoff CN= 64

=====  
 Computational Time Increment = .05706 hrs  
 Computed Peak Time = 12.1529 hrs  
 Computed Peak Flow = 195.38 cfs

Time Increment for HYG File = .0500 hrs  
 Peak Time, Interpolated Output = 12.1500 hrs  
 Peak Flow, Interpolated Output = 194.95 cfs



DRAINAGE AREA

-----  
 ID: BYPASS3  
 CN = 64  
 Area = 70.900 acres  
 S = 5.6250 in  
 0.2S = 1.1250 in

Cumulative Runoff

-----  
 3.0014 in  
 772451 cu. ft

HYG Volume... 772769 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .42792 hrs (ID: BYPASS3)  
 Computational Incr, Tm = .05706 hrs = 0.20000 Tp

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

Unit peak, qp = 187.73 cfs  
 Unit peak time, Tp = .28528 hrs  
 Unit receding limb, Tr = 1.14112 hrs  
 Total unit time, Tb = 1.42640 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.79

Name... BYPASS3 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm  
 Duration = 24.0000 hrs Rain Depth = 7.0000 in  
 Rain Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 HYG File - ID = - BYPASS3 100  
 Tc = .4279 hrs  
 Drainage Area = 70.900 acres Runoff CN= 64  
 Calc. Increment= .05706 hrs Out. Incr. = .0500 hrs  
 HYG Volume = 772769 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
9.4500	.00	.00	.00	.01	.03
9.7000	.05	.08	.13	.18	.24
9.9500	.30	.37	.45	.54	.63
10.2000	.72	.83	.94	1.06	1.19
10.4500	1.32	1.46	1.62	1.78	1.95

asbuilt basin 1 2 and 4.txt

10. 7000	2. 14	2. 34	2. 55	2. 78	3. 03
10. 9500	3. 30	3. 58	3. 89	4. 22	4. 58
11. 2000	4. 98	5. 43	5. 94	6. 51	7. 14
11. 4500	7. 83	8. 64	9. 69	11. 26	13. 81
11. 7000	17. 88	24. 67	35. 26	51. 42	74. 04
11. 9500	102. 96	135. 34	165. 66	187. 53	194. 95
12. 2000	187. 67	171. 02	149. 87	128. 14	108. 58
12. 4500	92. 55	79. 87	69. 73	61. 38	54. 36
12. 7000	48. 48	43. 59	39. 55	36. 25	33. 54
12. 9500	31. 31	29. 46	27. 86	26. 43	25. 16
13. 2000	24. 00	22. 97	22. 08	21. 32	20. 68
13. 4500	20. 09	19. 55	19. 03	18. 53	18. 05
13. 7000	17. 59	17. 16	16. 75	16. 35	15. 98
13. 9500	15. 61	15. 25	14. 91	14. 57	14. 25
14. 2000	13. 95	13. 69	13. 44	13. 23	13. 04
14. 4500	12. 87	12. 71	12. 56	12. 43	12. 30
14. 7000	12. 17	12. 05	11. 93	11. 81	11. 70
14. 9500	11. 58	11. 47	11. 35	11. 23	11. 12
15. 2000	11. 00	10. 89	10. 77	10. 66	10. 54
15. 4500	10. 42	10. 31	10. 19	10. 07	9. 96
15. 7000	9. 84	9. 72	9. 60	9. 48	9. 36
15. 9500	9. 24	9. 12	9. 00	8. 89	8. 77
16. 2000	8. 67	8. 57	8. 49	8. 41	8. 34
16. 4500	8. 28	8. 22	8. 17	8. 12	8. 07
16. 7000	8. 03	7. 98	7. 94	7. 89	7. 85

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7. 80

Name... BYPASS3

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
16. 9500	7. 81	7. 77	7. 72	7. 68	7. 64
17. 2000	7. 60	7. 56	7. 51	7. 47	7. 43
17. 4500	7. 39	7. 35	7. 30	7. 26	7. 22
17. 7000	7. 18	7. 13	7. 09	7. 05	7. 01
17. 9500	6. 96	6. 92	6. 88	6. 84	6. 79
18. 2000	6. 75	6. 71	6. 66	6. 62	6. 58
18. 4500	6. 53	6. 49	6. 45	6. 40	6. 36
18. 7000	6. 32	6. 27	6. 23	6. 18	6. 14
18. 9500	6. 10	6. 05	6. 01	5. 96	5. 92
19. 2000	5. 88	5. 83	5. 79	5. 74	5. 70
19. 4500	5. 65	5. 61	5. 56	5. 52	5. 48
19. 7000	5. 43	5. 39	5. 34	5. 30	5. 25
19. 9500	5. 21	5. 16	5. 12	5. 07	5. 03
20. 2000	4. 99	4. 96	4. 93	4. 90	4. 88
20. 4500	4. 87	4. 85	4. 84	4. 82	4. 81
20. 7000	4. 80	4. 79	4. 78	4. 77	4. 77
20. 9500	4. 76	4. 75	4. 74	4. 73	4. 72
21. 2000	4. 72	4. 71	4. 70	4. 69	4. 68
21. 4500	4. 67	4. 67	4. 66	4. 65	4. 64
21. 7000	4. 63	4. 63	4. 62	4. 61	4. 60
21. 9500	4. 59	4. 58	4. 58	4. 57	4. 56
22. 2000	4. 55	4. 54	4. 53	4. 53	4. 52
22. 4500	4. 51	4. 50	4. 49	4. 48	4. 48
22. 7000	4. 47	4. 46	4. 45	4. 44	4. 43

	asbuilt basin 1 2 and 4.txt					
22. 9500	4. 42	4. 42	4. 41	4. 40	4. 39	
23. 2000	4. 38	4. 37	4. 37	4. 36	4. 35	
23. 4500	4. 34	4. 33	4. 32	4. 31	4. 31	
23. 7000	4. 30	4. 29	4. 28	4. 27	4. 26	
23. 9500	4. 25	4. 23	4. 16	3. 99	3. 69	
24. 2000	3. 25	2. 71	2. 17	1. 68	1. 27	
24. 4500	. 95	. 71	. 53	. 40	. 29	
24. 7000	. 22	. 16	. 12	. 09	. 07	
24. 9500	. 05	. 04	. 03	. 02	. 01	
25. 2000	. 01	. 00	. 00	. 00		

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7. 81

Name... OFFSITE1 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm

Duration = 24.0000 hrs Rain Depth = 5.2000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - OFFSITE1 15

Tc = .3374 hrs

Drainage Area = 29.500 acres Runoff CN= 90

=====  
 Computational Time Increment = .04499 hrs  
 Computed Peak Time = 12.1016 hrs  
 Computed Peak Flow = 122.23 cfs

Time Increment for HYG File = .0500 hrs  
 Peak Time, Interpolated Output = 12.1000 hrs  
 Peak Flow, Interpolated Output = 122.22 cfs  
 =====

DRAINAGE AREA

-----  
 ID: OFFSITE1  
 CN = 90  
 Area = 29.500 acres  
 S = 1.1111 in  
 0.2S = .2222 in

Cumulative Runoff

-----  
 4.0694 in  
 435774 cu. ft

HYG Volume... 436060 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .33741 hrs (ID: OFFSITE1)

Computational Incr, Tm = .04499 hrs = 0.20000 Tp

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

asbuilt basin 1 2 and 4.txt  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)

Unit peak, qp = 99.06 cfs  
 Unit peak time Tp = .22494 hrs  
 Unit receding limb, Tr = .89975 hrs  
 Total unit time, Tb = 1.12469 hrs

S/N:  
 PondPack Ver: Compute Time: Date:

♀  
 Type... Unit Hyd. (HYG output) Page 7.82  
 Name... OFFSITE1 Tag: 15 Event: 15 yr  
 File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... TypeII 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.2000 in  
 Rain Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 HYG File - ID = - OFFSITE1 15  
 Tc = .3374 hrs  
 Drainage Area = 29.500 acres Runoff CN= 90  
 Calc. Increment= .04499 hrs Out. Incr. = .0500 hrs  
 HYG Volume = 436060 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
3.7000	.00	.00	.01	.01	.02
3.9500	.03	.04	.05	.06	.07
4.2000	.09	.10	.11	.13	.14
4.4500	.16	.17	.18	.20	.21
4.7000	.23	.24	.26	.28	.29
4.9500	.31	.32	.34	.36	.37
5.2000	.39	.40	.42	.44	.46
5.4500	.47	.49	.51	.52	.54
5.7000	.56	.58	.59	.61	.63
5.9500	.65	.67	.69	.70	.72
6.2000	.74	.76	.78	.80	.82
6.4500	.83	.85	.87	.89	.91
6.7000	.93	.95	.97	.99	1.01
6.9500	1.03	1.05	1.07	1.09	1.11
7.2000	1.13	1.15	1.17	1.19	1.21
7.4500	1.23	1.25	1.27	1.29	1.31
7.7000	1.33	1.35	1.37	1.39	1.41
7.9500	1.43	1.46	1.48	1.50	1.53
8.2000	1.55	1.59	1.63	1.67	1.72
8.4500	1.77	1.82	1.87	1.92	1.97
8.7000	2.03	2.09	2.14	2.20	2.26
8.9500	2.32	2.38	2.44	2.50	2.56
9.2000	2.61	2.65	2.69	2.72	2.75
9.4500	2.78	2.81	2.83	2.86	2.89
9.7000	2.94	2.99	3.05	3.13	3.21
9.9500	3.29	3.38	3.48	3.58	3.69
10.2000	3.80	3.92	4.04	4.18	4.32
10.4500	4.46	4.61	4.76	4.92	5.09

		asbuilt basin 1 2 and 4.txt				
10. 7000	5. 27	5. 47	5. 68	5. 90	6. 14	
10. 9500	6. 39	6. 64	6. 91	7. 19	7. 51	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 83

Name... OFFSITE1

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
11. 2000	7. 87	8. 28	8. 75	9. 27	9. 83
11. 4500	10. 41	11. 06	11. 99	13. 55	16. 43
11. 7000	21. 19	28. 55	38. 66	52. 33	69. 89
11. 9500	90. 03	108. 73	120. 53	122. 22	112. 32
12. 2000	95. 61	77. 86	62. 25	50. 05	41. 18
12. 4500	34. 58	29. 45	25. 41	22. 21	19. 62
12. 7000	17. 54	15. 88	14. 57	13. 51	12. 65
12. 9500	11. 92	11. 31	10. 80	10. 36	9. 97
13. 2000	9. 61	9. 29	9. 00	8. 74	8. 50
13. 4500	8. 27	8. 05	7. 83	7. 62	7. 42
13. 7000	7. 23	7. 05	6. 88	6. 72	6. 56
13. 9500	6. 40	6. 25	6. 11	5. 96	5. 83
14. 2000	5. 71	5. 61	5. 51	5. 44	5. 37
14. 4500	5. 30	5. 24	5. 18	5. 13	5. 07
14. 7000	5. 02	4. 97	4. 92	4. 87	4. 82
14. 9500	4. 76	4. 71	4. 66	4. 61	4. 56
15. 2000	4. 51	4. 46	4. 41	4. 35	4. 30
15. 4500	4. 25	4. 20	4. 15	4. 10	4. 05
15. 7000	4. 00	3. 94	3. 89	3. 84	3. 79
15. 9500	3. 74	3. 69	3. 64	3. 59	3. 54
16. 2000	3. 50	3. 46	3. 43	3. 40	3. 38
16. 4500	3. 35	3. 33	3. 31	3. 29	3. 27
16. 7000	3. 25	3. 24	3. 22	3. 20	3. 18
16. 9500	3. 16	3. 14	3. 12	3. 11	3. 09
17. 2000	3. 07	3. 05	3. 03	3. 01	3. 00
17. 4500	2. 98	2. 96	2. 94	2. 92	2. 91
17. 7000	2. 89	2. 87	2. 85	2. 83	2. 81
17. 9500	2. 79	2. 78	2. 76	2. 74	2. 72
18. 2000	2. 70	2. 68	2. 67	2. 65	2. 63
18. 4500	2. 61	2. 59	2. 57	2. 56	2. 54
18. 7000	2. 52	2. 50	2. 48	2. 46	2. 44
18. 9500	2. 43	2. 41	2. 39	2. 37	2. 35
19. 2000	2. 33	2. 31	2. 30	2. 28	2. 26
19. 4500	2. 24	2. 22	2. 20	2. 19	2. 17
19. 7000	2. 15	2. 13	2. 11	2. 09	2. 07
19. 9500	2. 06	2. 04	2. 02	2. 00	1. 99
20. 2000	1. 97	1. 96	1. 95	1. 94	1. 94
20. 4500	1. 93	1. 92	1. 92	1. 92	1. 91
20. 7000	1. 91	1. 90	1. 90	1. 90	1. 89
20. 9500	1. 89	1. 88	1. 88	1. 88	1. 87
21. 2000	1. 87	1. 87	1. 86	1. 86	1. 86
21. 4500	1. 85	1. 85	1. 84	1. 84	1. 84
21. 7000	1. 83	1. 83	1. 83	1. 82	1. 82
21. 9500	1. 82	1. 81	1. 81	1. 80	1. 80
22. 2000	1. 80	1. 79	1. 79	1. 79	1. 78

S/N:

PondPack Ver: Compute Time: Date:

♀

Type... Unit Hyd. (HYG output) Page 7.84  
 Name... OFFSITE1 Tag: 15 Event: 15 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs						
22.4500	1.78	1.77	1.77	1.77	1.77	1.76
22.7000	1.76	1.76	1.75	1.75	1.75	1.75
22.9500	1.74	1.74	1.73	1.73	1.73	1.73
23.2000	1.72	1.72	1.72	1.71	1.71	1.71
23.4500	1.71	1.70	1.70	1.69	1.69	1.69
23.7000	1.69	1.68	1.68	1.68	1.67	1.67
23.9500	1.67	1.66	1.62	1.51	1.31	
24.2000	1.05	.78	.55	.38	.27	
24.4500	.19	.13	.09	.06	.04	
24.7000	.03	.02	.01	.01	.01	
24.9500	.00	.00	.00			

S/N:

PondPack Ver: Compute Time: Date:

♀

Type... Unit Hyd. Summary Page 7.85  
 Name... OFFSITE1 Tag: 25 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.7000 in  
 Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 HYG File - ID = - OFFSITE1 25  
 Tc = .3374 hrs  
 Drainage Area = 29.500 acres Runoff CN= 90

=====  
 Computational Time Increment = .04499 hrs  
 Computed Peak Time = 12.1016 hrs  
 Computed Peak Flow = 135.96 cfs  
 Time Increment for HYG File = .0500 hrs  
 Peak Time, Interpolated Output = 12.1000 hrs  
 Peak Flow, Interpolated Output = 135.95 cfs  
 =====

DRAINAGE AREA

-----  
 ID: OFFSITE1  
 CN = 90  
 Area = 29.500 acres  
 S = 1.1111 in  
 0.2S = .2222 in

asbuilt basin 1 2 and 4.txt  
 Cumulative Runoff

-----  
 4.5540 in  
 487669 cu. ft

HYG Volume... 487984 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .33741 hrs (ID: OFFSITE1)  
 Computational Incr, Tm = .04499 hrs = 0.20000 Tp

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

Unit peak, qp = 99.06 cfs  
 Unit peak time Tp = .22494 hrs  
 Unit receding limb, Tr = .89975 hrs  
 Total unit time, Tb = 1.12469 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7.86

Name... OFFSITE1

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm

Duration = 24.0000 hrs Rain Depth = 5.7000 in

Rain Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

HYG File - ID = - OFFSITE1 25

Tc = .3374 hrs

Drainage Area = 29.500 acres Runoff CN= 90

Calc. Increment= .04499 hrs Out. Incr. = .0500 hrs

HYG Volume = 487984 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	-----				
3.4000	.00	.00	.00	.01	.02
3.6500	.03	.04	.05	.06	.08
3.9000	.09	.11	.12	.14	.15
4.1500	.17	.18	.20	.22	.23
4.4000	.25	.27	.28	.30	.32
4.6500	.34	.35	.37	.39	.41
4.9000	.43	.44	.46	.48	.50
5.1500	.52	.54	.56	.58	.59
5.4000	.61	.63	.65	.67	.69
5.6500	.71	.73	.75	.77	.79
5.9000	.82	.84	.86	.88	.90
6.1500	.92	.94	.96	.98	1.00
6.4000	1.03	1.05	1.07	1.09	1.11
6.6500	1.13	1.16	1.18	1.20	1.22
6.9000	1.24	1.27	1.29	1.31	1.33

asbuilt basin 1 2 and 4.txt

7. 1500	1. 36	1. 38	1. 40	1. 42	1. 45
7. 4000	1. 47	1. 49	1. 51	1. 54	1. 56
7. 6500	1. 58	1. 61	1. 63	1. 65	1. 67
7. 9000	1. 70	1. 72	1. 74	1. 77	1. 79
8. 1500	1. 82	1. 86	1. 90	1. 94	1. 99
8. 4000	2. 04	2. 10	2. 15	2. 21	2. 27
8. 6500	2. 34	2. 40	2. 46	2. 53	2. 60
8. 9000	2. 66	2. 73	2. 80	2. 87	2. 94
9. 1500	3. 00	3. 06	3. 11	3. 15	3. 19
9. 4000	3. 22	3. 25	3. 27	3. 30	3. 33
9. 6500	3. 37	3. 42	3. 48	3. 55	3. 63
9. 9000	3. 72	3. 82	3. 92	4. 03	4. 14
10. 1500	4. 26	4. 39	4. 52	4. 67	4. 82
10. 4000	4. 97	5. 14	5. 30	5. 48	5. 66
10. 6500	5. 85	6. 05	6. 27	6. 51	6. 76

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 87

Name... OFFSITE1 Tag: 25

Event: 25 yr

File... \\serverpr\ PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
10. 9000	7. 03	7. 31	7. 59	7. 89	8. 21
11. 1500	8. 57	8. 97	9. 44	9. 96	10. 54
11. 4000	11. 17	11. 82	12. 55	13. 59	15. 35
11. 6500	18. 58	23. 93	32. 19	43. 50	58. 75
11. 9000	78. 27	100. 61	121. 28	134. 23	135. 95
12. 1500	124. 84	106. 19	86. 43	69. 07	55. 51
12. 4000	45. 65	38. 32	32. 61	28. 13	24. 58
12. 6500	21. 71	19. 40	17. 56	16. 10	14. 94
12. 9000	13. 98	13. 18	12. 50	11. 93	11. 44
13. 1500	11. 01	10. 62	10. 26	9. 94	9. 65
13. 4000	9. 38	9. 13	8. 89	8. 65	8. 42
13. 6500	8. 20	7. 99	7. 78	7. 60	7. 41
13. 9000	7. 24	7. 07	6. 90	6. 74	6. 58
14. 1500	6. 44	6. 30	6. 19	6. 09	6. 00
14. 4000	5. 92	5. 85	5. 78	5. 72	5. 66
14. 6500	5. 60	5. 54	5. 48	5. 43	5. 37
14. 9000	5. 31	5. 26	5. 20	5. 14	5. 09
15. 1500	5. 03	4. 97	4. 92	4. 86	4. 80
15. 4000	4. 75	4. 69	4. 63	4. 58	4. 52
15. 6500	4. 46	4. 41	4. 35	4. 29	4. 24
15. 9000	4. 18	4. 12	4. 07	4. 01	3. 96
16. 1500	3. 90	3. 86	3. 82	3. 78	3. 75
16. 4000	3. 72	3. 70	3. 68	3. 65	3. 63
16. 6500	3. 61	3. 59	3. 57	3. 55	3. 53
16. 9000	3. 51	3. 49	3. 47	3. 45	3. 43
17. 1500	3. 41	3. 39	3. 36	3. 34	3. 32
17. 4000	3. 30	3. 28	3. 26	3. 24	3. 22
17. 6500	3. 20	3. 18	3. 16	3. 14	3. 12
17. 9000	3. 10	3. 08	3. 06	3. 04	3. 02
18. 1500	3. 00	2. 98	2. 96	2. 94	2. 92
18. 4000	2. 90	2. 88	2. 86	2. 84	2. 82
18. 6500	2. 80	2. 78	2. 76	2. 74	2. 71
18. 9000	2. 69	2. 67	2. 65	2. 63	2. 61
19. 1500	2. 59	2. 57	2. 55	2. 53	2. 51



asbuilt basin 1 2 and 4.txt

19. 4000	2. 49	2. 47	2. 45	2. 43	2. 41
19. 6500	2. 39	2. 37	2. 35	2. 33	2. 31
19. 9000	2. 29	2. 27	2. 25	2. 23	2. 21
20. 1500	2. 19	2. 17	2. 16	2. 15	2. 14
20. 4000	2. 13	2. 13	2. 12	2. 12	2. 11
20. 6500	2. 11	2. 10	2. 10	2. 09	2. 09
20. 9000	2. 08	2. 08	2. 08	2. 07	2. 07
21. 1500	2. 06	2. 06	2. 06	2. 05	2. 05
21. 4000	2. 04	2. 04	2. 04	2. 03	2. 03
21. 6500	2. 02	2. 02	2. 02	2. 01	2. 01
21. 9000	2. 00	2. 00	2. 00	1. 99	1. 99

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7.88

Name... OFFSITE1 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
22. 1500	1. 98	1. 98	1. 98	1. 97	1. 97
22. 4000	1. 96	1. 96	1. 96	1. 95	1. 95
22. 6500	1. 94	1. 94	1. 94	1. 93	1. 93
22. 9000	1. 92	1. 92	1. 92	1. 91	1. 91
23. 1500	1. 90	1. 90	1. 89	1. 89	1. 89
23. 4000	1. 88	1. 88	1. 87	1. 87	1. 87
23. 6500	1. 86	1. 86	1. 85	1. 85	1. 85
23. 9000	1. 84	1. 84	1. 83	1. 78	1. 66
24. 1500	1. 44	1. 15	. 86	. 61	. 42
24. 4000	. 29	. 20	. 14	. 10	. 07
24. 6500	. 05	. 03	. 02	. 01	. 01
24. 9000	. 01	. 00	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. Summary

Page 7.89

Name... OFFSITE1 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 7.0000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - OFFSITE1 100

Tc = .3374 hrs

Drainage Area = 29.500 acres Runoff CN= 90

=====  
Computational Time Increment = .04499 hrs

Computed Peak Time = 12.1016 hrs

Computed Peak Flow = 171.48 cfs

asbuilt basin 1 2 and 4.txt

Time Increment for HYG File = .0500 hrs  
Peak Time, Interpolated Output = 12.1000 hrs  
Peak Flow, Interpolated Output = 171.48 cfs

DRAINAGE AREA

ID: OFFSITE1  
CN = 90  
Area = 29.500 acres  
S = 1.1111 in  
0.2S = .2222 in

Cumulative Runoff

5.8232 in  
623573 cu. ft

HYG Volume... 623963 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .33741 hrs (ID: OFFSITE1)  
Computational Incr, Tm = .04499 hrs = 0.20000 Tp

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

Unit peak, qp = 99.06 cfs  
Unit peak time, Tp = .22494 hrs  
Unit receding limb, Tr = .89975 hrs  
Total unit time, Tb = 1.12469 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7.90

Name... OFFSITE1 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 7.0000 in

Rain Dir = \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Rain File -ID = - TypeI 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

HYG File - ID = - OFFSITE1 100

Tc = .3374 hrs

Drainage Area = 29.500 acres Runoff CN= 90

Calc. Incr.= .04499 hrs Out. Incr. = .0500 hrs

HYG Volume = 623963 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
2.8500	.00	.00	.01	.01	.02

asbuilt basin 1 2 and 4.txt

3. 1000	.04	.05	.07	.09	.11
3. 3500	.13	.15	.17	.19	.21
3. 6000	.23	.25	.28	.30	.32
3. 8500	.34	.36	.38	.40	.42
4. 1000	.45	.47	.49	.51	.53
4. 3500	.56	.58	.60	.63	.65
4. 6000	.67	.70	.72	.75	.77
4. 8500	.79	.82	.84	.87	.90
5. 1000	.92	.95	.97	1.00	1.02
5. 3500	1.05	1.08	1.10	1.13	1.15
5. 6000	1.18	1.21	1.23	1.26	1.29
5. 8500	1.32	1.34	1.37	1.40	1.42
6. 1000	1.45	1.48	1.51	1.53	1.56
6. 3500	1.59	1.62	1.65	1.67	1.70
6. 6000	1.73	1.76	1.79	1.81	1.84
6. 8500	1.87	1.90	1.93	1.96	1.99
7. 1000	2.01	2.04	2.07	2.10	2.13
7. 3500	2.16	2.19	2.21	2.24	2.27
7. 6000	2.30	2.33	2.36	2.39	2.42
7. 8500	2.45	2.48	2.50	2.53	2.56
8. 1000	2.60	2.63	2.68	2.73	2.79
8. 3500	2.85	2.92	3.00	3.07	3.15
8. 6000	3.23	3.32	3.40	3.49	3.58
8. 8500	3.66	3.75	3.84	3.93	4.02
9. 1000	4.11	4.19	4.26	4.33	4.38
9. 3500	4.42	4.46	4.50	4.53	4.56
9. 6000	4.59	4.64	4.70	4.77	4.87
9. 8500	4.97	5.09	5.22	5.35	5.49
10. 1000	5.64	5.79	5.96	6.13	6.32

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.91

Name... OFFSITE1 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
10. 3500	6.52	6.72	6.93	7.15	7.37
10. 6000	7.60	7.85	8.11	8.39	8.70
10. 8500	9.03	9.37	9.73	10.09	10.47
11. 1000	10.88	11.34	11.86	12.46	13.13
11. 3500	13.88	14.68	15.51	16.45	17.78
11. 6000	20.04	24.20	31.07	41.64	56.06
11. 8500	75.39	100.01	128.01	153.76	169.69
12. 1000	171.48	157.19	133.55	108.59	86.70
12. 3500	69.63	57.22	47.98	40.81	35.17
12. 6000	30.71	27.11	24.22	21.91	20.08
12. 8500	18.62	17.42	16.41	15.57	14.86
13. 1000	14.25	13.71	13.22	12.78	12.38
13. 3500	12.01	11.68	11.36	11.06	10.76
13. 6000	10.47	10.20	9.93	9.68	9.45
13. 8500	9.22	9.00	8.79	8.59	8.38
14. 1000	8.18	8.00	7.84	7.69	7.57
14. 3500	7.46	7.36	7.27	7.19	7.11
14. 6000	7.03	6.96	6.89	6.81	6.74
14. 8500	6.67	6.60	6.53	6.46	6.39
15. 1000	6.32	6.25	6.18	6.11	6.04

asbuilt basin 1 2 and 4.txt

15. 3500	5. 97	5. 90	5. 83	5. 75	5. 68
15. 6000	5. 61	5. 54	5. 47	5. 40	5. 33
15. 8500	5. 26	5. 19	5. 12	5. 05	4. 98
16. 1000	4. 91	4. 85	4. 79	4. 74	4. 70
16. 3500	4. 66	4. 62	4. 59	4. 56	4. 53
16. 6000	4. 51	4. 48	4. 45	4. 43	4. 40
16. 8500	4. 38	4. 35	4. 33	4. 30	4. 28
17. 1000	4. 25	4. 23	4. 20	4. 18	4. 15
17. 3500	4. 13	4. 10	4. 07	4. 05	4. 02
17. 6000	4. 00	3. 97	3. 95	3. 92	3. 90
17. 8500	3. 87	3. 85	3. 82	3. 80	3. 77
18. 1000	3. 75	3. 72	3. 70	3. 67	3. 65
18. 3500	3. 62	3. 60	3. 57	3. 54	3. 52
18. 6000	3. 49	3. 47	3. 44	3. 42	3. 39
18. 8500	3. 37	3. 34	3. 32	3. 29	3. 27
19. 1000	3. 24	3. 22	3. 19	3. 16	3. 14
19. 3500	3. 11	3. 09	3. 06	3. 04	3. 01
19. 6000	2. 99	2. 96	2. 94	2. 91	2. 89
19. 8500	2. 86	2. 84	2. 81	2. 78	2. 76
20. 1000	2. 74	2. 71	2. 69	2. 68	2. 66
20. 3500	2. 65	2. 64	2. 64	2. 63	2. 62
20. 6000	2. 62	2. 61	2. 61	2. 60	2. 60
20. 8500	2. 59	2. 58	2. 58	2. 57	2. 57
21. 1000	2. 56	2. 56	2. 55	2. 55	2. 54
21. 3500	2. 54	2. 53	2. 53	2. 52	2. 52

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 92

Name... OFFSITE1 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
21. 6000	2. 51	2. 51	2. 50	2. 50	2. 49
21. 8500	2. 49	2. 48	2. 48	2. 47	2. 47
22. 1000	2. 46	2. 46	2. 45	2. 45	2. 44
22. 3500	2. 44	2. 43	2. 43	2. 42	2. 42
22. 6000	2. 41	2. 41	2. 40	2. 40	2. 39
22. 8500	2. 39	2. 38	2. 38	2. 37	2. 37
23. 1000	2. 36	2. 36	2. 35	2. 35	2. 34
23. 3500	2. 34	2. 33	2. 33	2. 32	2. 32
23. 6000	2. 31	2. 31	2. 30	2. 30	2. 29
23. 8500	2. 29	2. 28	2. 28	2. 26	2. 21
24. 1000	2. 06	1. 79	1. 43	1. 07	. 76
24. 3500	. 52	. 36	. 25	. 18	. 12
24. 6000	. 08	. 06	. 04	. 03	. 02
24. 8500	. 01	. 01	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7. 93

Name... OFFSITE2 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

asbuilt basin 1 2 and 4.txt  
SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm  
Duration = 24.0000 hrs Rain Depth = 5.2000 in  
Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
Rain File -ID = - TypeI 24hr  
Unit Hyd Type = Default Curvilinear  
HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
HYG File - ID = - OFFSITE2 15  
Tc = .5542 hrs  
Drainage Area = 29.000 acres Runoff CN= 87

=====  
Computational Time Increment = .07390 hrs  
Computed Peak Time = 12.1935 hrs  
Computed Peak Flow = 85.92 cfs

Time Increment for HYG File = .0500 hrs  
Peak Time, Interpolated Output = 12.2000 hrs  
Peak Flow, Interpolated Output = 85.65 cfs  
=====

DRAINAGE AREA

-----  
ID: OFFSITE2  
CN = 87  
Area = 29.000 acres  
S = 1.4943 in  
0.2S = .2989 in

Cumulative Runoff

-----  
3.7560 in  
395396 cu. ft

HYG Volume... 395369 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .55425 hrs (ID: OFFSITE2)  
Computational Incr, Tm = .07390 hrs = 0.20000 Tp

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

Unit peak, qp = 59.28 cfs  
Unit peak time, Tp = .36950 hrs  
Unit receding limb, Tr = 1.47800 hrs  
Total unit time, Tb = 1.84750 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.94

Name... OFFSITE2 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm

Page 149

```

asbuilt basin 1 2 and 4.txt
Duration      = 24.0000 hrs      Rain Depth = 5.2000 in
Rain Dir     = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\
Rain File -ID = - TypeII 24hr
Unit Hyd Type = Default Curvilinear
HYG Dir      = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\
HYG File - ID = - OFFSITE2 15
Tc           = .5542 hrs
Drainage Area = 29.000 acres  Runoff CN= 87
Calc. Increment = .07390 hrs  Out. Incr. = .0500 hrs
HYG Volume   = 395369 cu. ft

```

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
4. 8000	.00	.00	.00	.01	.01
5. 0500	.02	.03	.03	.04	.05
5. 3000	.06	.08	.09	.10	.11
5. 5500	.12	.14	.15	.17	.18
5. 8000	.19	.21	.22	.24	.25
6. 0500	.27	.28	.30	.31	.33
6. 3000	.34	.36	.37	.39	.40
6. 5500	.42	.44	.45	.47	.48
6. 8000	.50	.52	.53	.55	.57
7. 0500	.59	.60	.62	.64	.65
7. 3000	.67	.69	.71	.72	.74
7. 5500	.76	.78	.80	.81	.83
7. 8000	.85	.87	.89	.91	.92
8. 0500	.94	.96	.98	1.00	1.03
8. 3000	1.05	1.08	1.11	1.14	1.17
8. 5500	1.21	1.24	1.28	1.32	1.36
8. 8000	1.41	1.45	1.50	1.54	1.59
9. 0500	1.64	1.69	1.74	1.78	1.83
9. 3000	1.87	1.91	1.95	1.99	2.02
9. 5500	2.06	2.09	2.12	2.15	2.19
9. 8000	2.23	2.27	2.32	2.38	2.44
10. 0500	2.51	2.58	2.66	2.74	2.82
10. 3000	2.91	3.01	3.11	3.22	3.33
10. 5500	3.45	3.57	3.70	3.83	3.98
10. 8000	4.13	4.29	4.47	4.65	4.84
11. 0500	5.04	5.26	5.49	5.74	6.02
11. 3000	6.32	6.67	7.04	7.44	7.93
11. 5500	8.52	9.24	10.56	12.51	15.11
11. 8000	19.82	26.11	33.98	44.58	55.86
12. 0500	67.44	76.74	82.66	85.65	83.60

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.95

Name... OFFSITE2 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
12. 3000	78.94	72.55	64.60	56.80	49.39
12. 5500	43.07	37.85	33.30	29.50	26.31
12. 8000	23.49	21.11	19.16	17.44	15.99
13. 0500	14.81	13.76	12.84	12.08	11.39

asbuilt basin 1 2 and 4.txt

13. 3000	10. 78	10. 27	9. 79	9. 36	8. 98
13. 5500	8. 62	8. 28	7. 99	7. 72	7. 47
13. 8000	7. 26	7. 06	6. 88	6. 70	6. 53
14. 0500	6. 37	6. 22	6. 07	5. 93	5. 80
14. 3000	5. 68	5. 57	5. 46	5. 37	5. 29
14. 5500	5. 21	5. 14	5. 07	5. 01	4. 95
14. 8000	4. 89	4. 84	4. 78	4. 73	4. 68
15. 0500	4. 63	4. 58	4. 53	4. 48	4. 43
15. 3000	4. 38	4. 33	4. 28	4. 23	4. 18
15. 5500	4. 13	4. 08	4. 04	3. 99	3. 94
15. 8000	3. 89	3. 84	3. 79	3. 74	3. 69
16. 0500	3. 65	3. 60	3. 55	3. 50	3. 46
16. 3000	3. 42	3. 38	3. 35	3. 32	3. 29
16. 5500	3. 26	3. 24	3. 21	3. 19	3. 17
16. 8000	3. 15	3. 13	3. 11	3. 09	3. 07
17. 0500	3. 06	3. 04	3. 02	3. 00	2. 98
17. 3000	2. 97	2. 95	2. 93	2. 91	2. 90
17. 5500	2. 88	2. 86	2. 84	2. 83	2. 81
17. 8000	2. 79	2. 77	2. 76	2. 74	2. 72
18. 0500	2. 70	2. 69	2. 67	2. 65	2. 63
18. 3000	2. 62	2. 60	2. 58	2. 56	2. 55
18. 5500	2. 53	2. 51	2. 49	2. 47	2. 46
18. 8000	2. 44	2. 42	2. 40	2. 39	2. 37
19. 0500	2. 35	2. 33	2. 32	2. 30	2. 28
19. 3000	2. 26	2. 25	2. 23	2. 21	2. 19
19. 5500	2. 18	2. 16	2. 14	2. 12	2. 10
19. 8000	2. 09	2. 07	2. 05	2. 03	2. 02
20. 0500	2. 00	1. 98	1. 96	1. 95	1. 93
20. 3000	1. 92	1. 91	1. 89	1. 89	1. 88
20. 5500	1. 87	1. 86	1. 86	1. 85	1. 85
20. 8000	1. 84	1. 84	1. 83	1. 83	1. 82
21. 0500	1. 82	1. 82	1. 81	1. 81	1. 80
21. 3000	1. 80	1. 80	1. 79	1. 79	1. 79
21. 5500	1. 78	1. 78	1. 78	1. 77	1. 77
21. 8000	1. 77	1. 76	1. 76	1. 76	1. 75
22. 0500	1. 75	1. 74	1. 74	1. 74	1. 73
22. 3000	1. 73	1. 73	1. 72	1. 72	1. 72
22. 5500	1. 71	1. 71	1. 71	1. 70	1. 70
22. 8000	1. 70	1. 69	1. 69	1. 69	1. 68
23. 0500	1. 68	1. 68	1. 67	1. 67	1. 66
23. 3000	1. 66	1. 66	1. 65	1. 65	1. 65

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.96

Name... OFFSITE2 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
23. 5500	1. 64	1. 64	1. 64	1. 63	1. 63
23. 8000	1. 63	1. 62	1. 62	1. 62	1. 61
24. 0500	1. 59	1. 55	1. 49	1. 38	1. 26
24. 3000	1. 10	. 94	. 79	. 64	. 52
24. 5500	. 41	. 33	. 26	. 21	. 17
24. 8000	. 14	. 11	. 09	. 07	. 05
25. 0500	. 04	. 03	. 03	. 02	. 02
25. 3000	. 01	. 01	. 01	. 01	. 00

25.5500 | .00 asbuilt basin 1 2 and 4.txt .00 .00 .00

S/N:  
PondPack Ver: Compute Time: Date:

♀

Type... Unit Hyd. Summary Page 7.97  
Name... OFFSITE2 Tag: 25 Event: 25 yr  
File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm  
Duration = 24.0000 hrs Rain Depth = 5.7000 in  
Rain Dir = \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\  
Rain File -ID = - TypeII 24hr  
Unit Hyd Type = Default Curvilinear  
HYG Dir = \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\  
HYG File - ID = - OFFSITE2 25  
Tc = .5542 hrs  
Drainage Area = 29.000 acres Runoff CN= 87

=====  
Computational Time Increment = .07390 hrs  
Computed Peak Time = 12.1935 hrs  
Computed Peak Flow = 96.43 cfs

Time Increment for HYG File = .0500 hrs  
Peak Time, Interpolated Output = 12.2000 hrs  
Peak Flow, Interpolated Output = 96.12 cfs  
=====

DRAINAGE AREA

-----  
ID: OFFSITE2  
CN = 87  
Area = 29.000 acres  
S = 1.4943 in  
0.2S = .2989 in

Cumulative Runoff

-----  
4.2307 in  
445366 cu. ft

HYG Volume... 445336 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .55425 hrs (ID: OFFSITE2)  
Computational Incr, Tm = .07390 hrs = 0.20000 Tp

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

Unit peak, qp = 59.28 cfs  
Unit peak time, Tp = .36950 hrs  
Unit receding limb, Tr = 1.47800 hrs  
Total unit time, Tb = 1.84750 hrs

S/N:



PondPack Ver: Compute Time: Date:

♀

Type... Unit Hyd. (HYG output) Page 7.98  
 Name... OFFSITE2 Tag: 25 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... TypeII 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.7000 in  
 Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 HYG File - ID = - OFFSITE2 25  
 Tc = .5542 hrs  
 Drainage Area = 29.000 acres Runoff CN= 87  
 Calc. Increment= .07390 hrs Out. Incr. = .0500 hrs  
 HYG Volume = 445336 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
4.4500	.00	.00	.00	.01	.01
4.7000	.02	.03	.03	.05	.06
4.9500	.07	.08	.09	.11	.12
5.2000	.13	.15	.16	.18	.19
5.4500	.21	.22	.24	.26	.27
5.7000	.29	.30	.32	.34	.35
5.9500	.37	.39	.41	.42	.44
6.2000	.46	.48	.49	.51	.53
6.4500	.55	.57	.59	.60	.62
6.7000	.64	.66	.68	.70	.72
6.9500	.74	.76	.78	.80	.82
7.2000	.83	.85	.87	.89	.91
7.4500	.93	.96	.98	1.00	1.02
7.7000	1.04	1.06	1.08	1.10	1.12
7.9500	1.14	1.16	1.18	1.21	1.23
8.2000	1.25	1.28	1.31	1.34	1.37
8.4500	1.41	1.45	1.49	1.53	1.58
8.7000	1.62	1.67	1.72	1.78	1.83
8.9500	1.88	1.94	1.99	2.05	2.10
9.2000	2.16	2.21	2.26	2.31	2.35
9.4500	2.39	2.43	2.47	2.50	2.54
9.7000	2.57	2.61	2.66	2.71	2.77
9.9500	2.83	2.90	2.98	3.06	3.15
10.2000	3.24	3.34	3.44	3.55	3.67
10.4500	3.79	3.92	4.06	4.20	4.34
10.7000	4.50	4.66	4.83	5.02	5.22
10.9500	5.42	5.64	5.88	6.12	6.38
11.2000	6.67	6.99	7.33	7.72	8.14
11.4500	8.60	9.15	9.82	10.64	12.15
11.7000	14.36	17.30	22.63	29.72	38.58

S/N:  
 PondPack Ver: Compute Time: Date:

♀

Type... Unit Hyd. (HYG output) Page 7.99  
 Name... OFFSITE2 Tag: 25 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 Page 153

asbuilt basin 1 2 and 4.txt

4. PPW Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
11. 9500	50. 47	63. 08	76. 01	86. 34	92. 87
12. 2000	96. 12	93. 73	88. 43	81. 21	72. 27
12. 4500	63. 51	55. 19	48. 10	42. 26	37. 15
12. 7000	32. 90	29. 34	26. 18	23. 51	21. 33
12. 9500	19. 41	17. 79	16. 47	15. 30	14. 28
13. 2000	13. 43	12. 66	11. 97	11. 40	10. 87
13. 4500	10. 39	9. 96	9. 56	9. 19	8. 86
13. 7000	8. 56	8. 28	8. 05	7. 83	7. 62
13. 9500	7. 43	7. 24	7. 06	6. 89	6. 73
14. 2000	6. 57	6. 43	6. 29	6. 17	6. 05
14. 4500	5. 95	5. 86	5. 77	5. 70	5. 62
14. 7000	5. 55	5. 49	5. 42	5. 36	5. 30
14. 9500	5. 24	5. 18	5. 13	5. 07	5. 01
15. 2000	4. 96	4. 90	4. 85	4. 79	4. 74
15. 4500	4. 69	4. 63	4. 58	4. 52	4. 47
15. 7000	4. 42	4. 36	4. 31	4. 25	4. 20
15. 9500	4. 14	4. 09	4. 04	3. 98	3. 93
16. 2000	3. 88	3. 83	3. 79	3. 74	3. 71
16. 4500	3. 67	3. 64	3. 61	3. 58	3. 56
16. 7000	3. 53	3. 51	3. 49	3. 46	3. 44
16. 9500	3. 42	3. 40	3. 38	3. 36	3. 34
17. 2000	3. 32	3. 30	3. 28	3. 26	3. 24
17. 4500	3. 22	3. 20	3. 18	3. 16	3. 15
17. 7000	3. 13	3. 11	3. 09	3. 07	3. 05
17. 9500	3. 03	3. 01	2. 99	2. 97	2. 95
18. 2000	2. 93	2. 91	2. 89	2. 87	2. 85
18. 4500	2. 83	2. 82	2. 80	2. 78	2. 76
18. 7000	2. 74	2. 72	2. 70	2. 68	2. 66
18. 9500	2. 64	2. 62	2. 60	2. 58	2. 56
19. 2000	2. 54	2. 52	2. 50	2. 48	2. 46
19. 4500	2. 44	2. 43	2. 41	2. 39	2. 37
19. 7000	2. 35	2. 33	2. 31	2. 29	2. 27
19. 9500	2. 25	2. 23	2. 21	2. 19	2. 17
20. 2000	2. 15	2. 14	2. 12	2. 11	2. 10
20. 4500	2. 08	2. 07	2. 07	2. 06	2. 05
20. 7000	2. 05	2. 04	2. 03	2. 03	2. 02
20. 9500	2. 02	2. 02	2. 01	2. 01	2. 00
21. 2000	2. 00	1. 99	1. 99	1. 99	1. 98
21. 4500	1. 98	1. 98	1. 97	1. 97	1. 96
21. 7000	1. 96	1. 96	1. 95	1. 95	1. 94
21. 9500	1. 94	1. 94	1. 93	1. 93	1. 92
22. 2000	1. 92	1. 92	1. 91	1. 91	1. 91
22. 4500	1. 90	1. 90	1. 89	1. 89	1. 89
22. 7000	1. 88	1. 88	1. 87	1. 87	1. 87
22. 9500	1. 86	1. 86	1. 86	1. 85	1. 85

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.100

Name... OFFSITE2 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
Page 154

asbuilt basin 1 2 and 4.txt

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
23. 2000	1.84	1.84	1.84	1.83	1.83
23. 4500	1.82	1.82	1.82	1.81	1.81
23. 7000	1.80	1.80	1.80	1.79	1.79
23. 9500	1.78	1.78	1.75	1.72	1.64
24. 2000	1.53	1.39	1.22	1.04	.87
24. 4500	.71	.57	.45	.36	.29
24. 7000	.23	.19	.15	.12	.09
24. 9500	.08	.06	.05	.04	.03
25. 2000	.02	.02	.01	.01	.01
25. 4500	.01	.00	.00	.00	.00
25. 7000	.00				

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7. 101

Name... OFFSITE2

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 7.0000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - OFFSITE2 100

Tc = .5542 hrs

Drainage Area = 29.000 acres Runoff CN= 87

=====  
Computational Time Increment = .07390 hrs

Computed Peak Time = 12.1935 hrs

Computed Peak Flow = 123.72 cfs

Time Increment for HYG File = .0500 hrs

Peak Time, Interpolated Output = 12.2000 hrs

Peak Flow, Interpolated Output = 123.29 cfs  
=====

DRAINAGE AREA

-----  
ID: OFFSITE2

CN = 87

Area = 29.000 acres

S = 1.4943 in

0.2S = .2989 in

Cumulative Runoff

-----  
5.4793 in

576810 cu. ft

HYG Volume... 576773 cu. ft (area under HYG curve)

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

asbuilt basin 1 2 and 4.txt  
 Time Concentration, Tc = .55425 hrs (ID: OFFSITE2)  
 Computational Incr, Tm = .07390 hrs = 0.20000 Tp  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp)))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
 Unit peak, qp = 59.28 cfs  
 Unit peak time, Tp = .36950 hrs  
 Unit receding limb, Tr = 1.47800 hrs  
 Total unit time, Tb = 1.84750 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output) Page 7.102

Name... OFFSITE2 Tag: 100 Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm  
 Duration = 24.0000 hrs Rain Depth = 7.0000 in  
 Rain Dir = \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\  
 HYG File - ID = - OFFSITE2 100  
 Tc = .5542 hrs  
 Drainage Area = 29.000 acres Runoff CN= 87  
 Calc. Increment = .07390 hrs Out. Incr. = .0500 hrs  
 HYG Volume = 576773 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
3.7000	.00	.00	.00	.01	.01
3.9500	.02	.02	.03	.04	.06
4.2000	.07	.08	.10	.11	.13
4.4500	.15	.17	.18	.20	.22
4.7000	.24	.26	.28	.30	.32
4.9500	.34	.36	.38	.40	.42
5.2000	.44	.46	.49	.51	.53
5.4500	.55	.57	.60	.62	.64
5.7000	.66	.69	.71	.73	.76
5.9500	.78	.80	.83	.85	.87
6.2000	.90	.92	.95	.97	1.00
6.4500	1.02	1.05	1.07	1.10	1.12
6.7000	1.15	1.17	1.20	1.22	1.25
6.9500	1.27	1.30	1.33	1.35	1.38
7.2000	1.40	1.43	1.46	1.48	1.51
7.4500	1.54	1.56	1.59	1.62	1.64
7.7000	1.67	1.70	1.73	1.75	1.78
7.9500	1.81	1.83	1.86	1.89	1.92
8.2000	1.95	1.99	2.02	2.07	2.11
8.4500	2.16	2.22	2.27	2.34	2.40
8.7000	2.46	2.53	2.60	2.67	2.74
8.9500	2.82	2.89	2.97	3.05	3.12
9.2000	3.20	3.27	3.33	3.39	3.45
9.4500	3.50	3.55	3.60	3.64	3.68

asbuilt basin 1 2 and 4.txt

9. 7000	3. 73	3. 78	3. 84	3. 91	3. 98
9. 9500	4. 07	4. 16	4. 26	4. 37	4. 49
10. 2000	4. 61	4. 74	4. 88	5. 02	5. 18
10. 4500	5. 34	5. 51	5. 69	5. 88	6. 07
10. 7000	6. 28	6. 50	6. 73	6. 97	7. 23
10. 9500	7. 51	7. 80	8. 10	8. 42	8. 76

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 103

Name... OFFSITE2 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
11. 2000	9. 15	9. 56	10. 01	10. 53	11. 08
11. 4500	11. 67	12. 40	13. 28	14. 35	16. 32
11. 7000	19. 22	23. 07	30. 00	39. 18	50. 61
11. 9500	65. 83	81. 90	98. 31	111. 29	119. 40
12. 2000	123. 29	120. 01	113. 05	103. 67	92. 14
12. 4500	80. 90	70. 22	61. 15	53. 68	47. 15
12. 7000	41. 71	37. 16	33. 13	29. 74	26. 96
12. 9500	24. 51	22. 44	20. 77	19. 27	17. 98
13. 2000	16. 90	15. 92	15. 05	14. 33	13. 66
13. 4500	13. 04	12. 51	12. 00	11. 53	11. 11
13. 7000	10. 73	10. 39	10. 09	9. 82	9. 56
13. 9500	9. 31	9. 08	8. 85	8. 63	8. 43
14. 2000	8. 23	8. 05	7. 88	7. 72	7. 58
14. 4500	7. 46	7. 34	7. 23	7. 13	7. 04
14. 7000	6. 95	6. 87	6. 79	6. 71	6. 63
14. 9500	6. 56	6. 49	6. 42	6. 34	6. 27
15. 2000	6. 20	6. 14	6. 07	6. 00	5. 93
15. 4500	5. 86	5. 79	5. 72	5. 66	5. 59
15. 7000	5. 52	5. 45	5. 38	5. 32	5. 25
15. 9500	5. 18	5. 11	5. 05	4. 98	4. 91
16. 2000	4. 85	4. 79	4. 73	4. 68	4. 63
16. 4500	4. 59	4. 55	4. 51	4. 48	4. 44
16. 7000	4. 41	4. 38	4. 36	4. 33	4. 30
16. 9500	4. 28	4. 25	4. 22	4. 20	4. 17
17. 2000	4. 15	4. 12	4. 10	4. 07	4. 05
17. 4500	4. 03	4. 00	3. 98	3. 95	3. 93
17. 7000	3. 90	3. 88	3. 85	3. 83	3. 81
17. 9500	3. 78	3. 76	3. 73	3. 71	3. 68
18. 2000	3. 66	3. 64	3. 61	3. 59	3. 56
18. 4500	3. 54	3. 51	3. 49	3. 47	3. 44
18. 7000	3. 42	3. 39	3. 37	3. 34	3. 32
18. 9500	3. 29	3. 27	3. 25	3. 22	3. 20
19. 2000	3. 17	3. 15	3. 12	3. 10	3. 07
19. 4500	3. 05	3. 03	3. 00	2. 98	2. 95
19. 7000	2. 93	2. 90	2. 88	2. 85	2. 83
19. 9500	2. 81	2. 78	2. 76	2. 73	2. 71
20. 2000	2. 69	2. 67	2. 65	2. 63	2. 61
20. 4500	2. 60	2. 59	2. 58	2. 57	2. 56
20. 7000	2. 55	2. 54	2. 54	2. 53	2. 52
20. 9500	2. 52	2. 51	2. 51	2. 50	2. 50
21. 2000	2. 49	2. 49	2. 48	2. 48	2. 47
21. 4500	2. 47	2. 46	2. 46	2. 45	2. 45
21. 7000	2. 44	2. 44	2. 43	2. 43	2. 42

asbuilt basin 1 2 and 4.txt  
 21. 9500 | 2. 42 2. 41 2. 41 2. 40 2. 40  
 22. 2000 | 2. 39 2. 39 2. 38 2. 38 2. 38

S/N:  
 PondPack Ver: Compute Time: Date:

Type... Unit Hyd. (HYG output) Page 7. 104  
 Name... OFFSITE2 Tag: 100 Event: 100 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW  
 Storm... TypeI 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
22. 4500	2. 37	2. 37	2. 36	2. 36	2. 35
22. 7000	2. 35	2. 34	2. 34	2. 33	2. 33
22. 9500	2. 32	2. 32	2. 31	2. 31	2. 30
23. 2000	2. 30	2. 29	2. 29	2. 28	2. 28
23. 4500	2. 27	2. 27	2. 26	2. 26	2. 25
23. 7000	2. 25	2. 24	2. 24	2. 23	2. 23
23. 9500	2. 22	2. 21	2. 19	2. 14	2. 05
24. 2000	1. 91	1. 73	1. 52	1. 30	1. 09
24. 4500	. 89	. 72	. 57	. 45	. 36
24. 7000	. 29	. 23	. 19	. 15	. 12
24. 9500	. 09	. 08	. 06	. 05	. 04
25. 2000	. 03	. 02	. 02	. 01	. 01
25. 4500	. 01	. 01	. 00	. 00	. 00
25. 7000	. 00				

S/N:  
 PondPack Ver: Compute Time: Date:

Type... Unit Hyd. Summary Page 7. 105  
 Name... ONSITE1 Tag: 15 Event: 15 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW  
 Storm... TypeI 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.2000 in  
 Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeI 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 HYG File - ID = - ONSITE1 15  
 Tc = .4821 hrs  
 Drainage Area = 71.200 acres Runoff CN= 90

=====  
 Computational Time Increment = .06428 hrs  
 Computed Peak Time = 12.1492 hrs  
 Computed Peak Flow = 245.53 cfs  
  
 Time Increment for HYG File = .0500 hrs  
 Peak Time, Interpolated Output = 12.1500 hrs  
 Peak Flow, Interpolated Output = 245.42 cfs  
 =====

asbuilt basin 1 2 and 4.txt

-----  
ID: ONSITE1  
CN = 90  
Area = 71.200 acres  
S = 1.1111 in  
0.2S = .2222 in

Cumulative Runoff

-----  
4.0694 in  
1051767 cu. ft

HYG Volume... 1051818 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .48211 hrs (ID: ONSITE1)  
Computational Incr, Tm = .06428 hrs = 0.20000 Tp

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

Unit peak, qp = 167.33 cfs  
Unit peak time, Tp = .32141 hrs  
Unit receding limb, Tr = 1.28563 hrs  
Total unit time, Tb = 1.60703 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output) Page 7.106  
Name... ONSITE1 Tag: 15 Event: 15 yr  
File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW  
Storm... TypeII 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm  
Duration = 24.0000 hrs Rain Depth = 5.2000 in  
Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
Rain File -ID = - TypeII 24hr  
Unit Hyd Type = Default Curvilinear  
HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
HYG File - ID = - ONSITE1 15  
Tc = .4821 hrs  
Drainage Area = 71.200 acres Runoff CN= 90  
Calc. Increment= .06428 hrs Out. Incr. = .0500 hrs  
HYG Volume = 1051818 cu. ft

HYDROGRAPH ORDINATES (cfs)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
	-----				
3.7000	.00	.00	.01	.01	.02
3.9500	.04	.05	.07	.10	.12
4.2000	.15	.18	.21	.24	.27
4.4500	.30	.33	.37	.40	.44
4.7000	.47	.51	.55	.58	.62
4.9500	.66	.69	.73	.77	.81
5.2000	.85	.89	.93	.97	1.01
5.4500	1.05	1.09	1.13	1.17	1.21

asbuilt basin 1 2 and 4.txt

5. 7000	1. 25	1. 30	1. 34	1. 38	1. 42
5. 9500	1. 47	1. 51	1. 55	1. 60	1. 64
6. 2000	1. 69	1. 73	1. 78	1. 82	1. 87
6. 4500	1. 91	1. 96	2. 00	2. 05	2. 09
6. 7000	2. 14	2. 19	2. 23	2. 28	2. 33
6. 9500	2. 37	2. 42	2. 47	2. 52	2. 56
7. 2000	2. 61	2. 66	2. 71	2. 76	2. 81
7. 4500	2. 86	2. 90	2. 95	3. 00	3. 05
7. 7000	3. 10	3. 15	3. 20	3. 25	3. 30
7. 9500	3. 35	3. 40	3. 45	3. 50	3. 56
8. 2000	3. 62	3. 69	3. 76	3. 84	3. 94
8. 4500	4. 04	4. 14	4. 25	4. 37	4. 49
8. 7000	4. 62	4. 75	4. 88	5. 01	5. 15
8. 9500	5. 28	5. 42	5. 57	5. 71	5. 85
9. 2000	5. 98	6. 11	6. 22	6. 33	6. 42
9. 4500	6. 51	6. 59	6. 66	6. 73	6. 81
9. 7000	6. 89	6. 99	7. 11	7. 24	7. 40
9. 9500	7. 57	7. 76	7. 96	8. 17	8. 39
10. 2000	8. 63	8. 89	9. 16	9. 44	9. 74
10. 4500	10. 06	10. 38	10. 72	11. 08	11. 45
10. 7000	11. 84	12. 26	12. 70	13. 18	13. 68
10. 9500	14. 21	14. 77	15. 35	15. 98	16. 65

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.107

Name... ONSITE1 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
11. 2000	17. 38	18. 18	19. 11	20. 13	21. 24
11. 4500	22. 43	23. 75	25. 52	28. 17	32. 22
11. 7000	38. 25	48. 70	63. 69	84. 16	110. 62
11. 9500	143. 57	179. 01	210. 25	233. 51	245. 42
12. 2000	239. 38	223. 44	201. 09	175. 36	150. 05
12. 4500	128. 19	109. 87	94. 79	82. 31	72. 36
12. 7000	63. 83	56. 59	50. 51	45. 55	41. 55
12. 9500	38. 16	35. 29	32. 84	30. 82	29. 04
13. 2000	27. 46	26. 05	24. 81	23. 70	22. 71
13. 4500	21. 82	21. 05	20. 39	19. 80	19. 24
13. 7000	18. 70	18. 20	17. 72	17. 27	16. 83
13. 9500	16. 41	16. 02	15. 63	15. 26	14. 91
14. 2000	14. 57	14. 26	13. 98	13. 73	13. 49
14. 4500	13. 29	13. 10	12. 93	12. 77	12. 61
14. 7000	12. 47	12. 33	12. 19	12. 06	11. 93
14. 9500	11. 80	11. 67	11. 54	11. 42	11. 29
15. 2000	11. 17	11. 04	10. 92	10. 79	10. 67
15. 4500	10. 55	10. 42	10. 30	10. 17	10. 05
15. 7000	9. 93	9. 80	9. 68	9. 55	9. 43
15. 9500	9. 31	9. 18	9. 06	8. 94	8. 82
16. 2000	8. 71	8. 60	8. 51	8. 42	8. 34
16. 4500	8. 27	8. 20	8. 14	8. 08	8. 03
16. 7000	7. 98	7. 93	7. 88	7. 83	7. 78
16. 9500	7. 74	7. 69	7. 65	7. 60	7. 56
17. 2000	7. 51	7. 47	7. 42	7. 38	7. 33
17. 4500	7. 29	7. 25	7. 20	7. 16	7. 11
17. 7000	7. 07	7. 02	6. 98	6. 94	6. 89



asbuilt basin 1 2 and 4.txt

17. 9500	6. 85	6. 80	6. 76	6. 71	6. 67
18. 2000	6. 62	6. 58	6. 54	6. 49	6. 45
18. 4500	6. 40	6. 36	6. 31	6. 27	6. 22
18. 7000	6. 18	6. 14	6. 09	6. 05	6. 00
18. 9500	5. 96	5. 91	5. 87	5. 82	5. 78
19. 2000	5. 73	5. 69	5. 65	5. 60	5. 56
19. 4500	5. 51	5. 47	5. 42	5. 38	5. 33
19. 7000	5. 29	5. 24	5. 20	5. 15	5. 11
19. 9500	5. 06	5. 02	4. 98	4. 93	4. 89
20. 2000	4. 85	4. 81	4. 78	4. 75	4. 73
20. 4500	4. 71	4. 69	4. 67	4. 66	4. 65
20. 7000	4. 63	4. 62	4. 61	4. 60	4. 59
20. 9500	4. 58	4. 57	4. 56	4. 55	4. 54
21. 2000	4. 53	4. 53	4. 52	4. 51	4. 50
21. 4500	4. 49	4. 48	4. 47	4. 46	4. 45
21. 7000	4. 45	4. 44	4. 43	4. 42	4. 41
21. 9500	4. 40	4. 39	4. 38	4. 37	4. 37
22. 2000	4. 36	4. 35	4. 34	4. 33	4. 32

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.108

Name... ONSITE1 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
22. 4500	4. 31	4. 30	4. 30	4. 29	4. 28
22. 7000	4. 27	4. 26	4. 25	4. 24	4. 23
22. 9500	4. 22	4. 22	4. 21	4. 20	4. 19
23. 2000	4. 18	4. 17	4. 16	4. 15	4. 14
23. 4500	4. 14	4. 13	4. 12	4. 11	4. 10
23. 7000	4. 09	4. 08	4. 07	4. 06	4. 06
23. 9500	4. 05	4. 02	3. 97	3. 85	3. 61
24. 2000	3. 28	2. 86	2. 40	1. 96	1. 55
24. 4500	1. 21	. 92	. 71	. 56	. 43
24. 7000	. 33	. 25	. 20	. 15	. 12
24. 9500	. 09	. 07	. 05	. 04	. 03
25. 2000	. 02	. 02	. 01	. 01	. 00
25. 4500	. 00	. 00			

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7.109

Name... ONSITE1 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm

Duration = 24.0000 hrs Rain Depth = 5.7000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

asbuilt basin 1 2 and 4.txt  
 HYG File - ID = - ONSITE1 25  
 Tc = .4821 hrs  
 Drainage Area = 71.200 acres Runoff CN= 90

=====  
 Computational Time Increment = .06428 hrs  
 Computed Peak Time = 12.1492 hrs  
 Computed Peak Flow = 273.45 cfs

Time Increment for HYG File = .0500 hrs  
 Peak Time, Interpolated Output = 12.1500 hrs  
 Peak Flow, Interpolated Output = 273.32 cfs  
 =====

DRAINAGE AREA

-----  
 ID: ONSITE1  
 CN = 90  
 Area = 71.200 acres  
 S = 1.1111 in  
 0.2S = .2222 in

Cumulative Runoff

-----  
 4.5540 in  
 1177018 cu. ft

HYG Volume... 1177074 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .48211 hrs (ID: ONSITE1)  
 Computational Incr, Tm = .06428 hrs = 0.20000 Tp

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

Unit peak, qp = 167.33 cfs  
 Unit peak time, Tp = .32141 hrs  
 Unit receding limb, Tr = 1.28563 hrs  
 Total unit time, Tb = 1.60703 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.110

Name... ONSITE1 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm

Duration = 24.0000 hrs Rain Depth = 5.7000 in

Rain Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

HYG File - ID = - ONSITE1 25

Tc = .4821 hrs

Drainage Area = 71.200 acres Runoff CN= 90

asbuilt basin 1 2 and 4.txt  
 Cal c. Increment= .06428 hrs      Out. Incr. = .0500 hrs  
 HYG Volume = 1177074 cu. ft

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
3. 4000	.00	.00	.00	.01	.02
3. 6500	.03	.05	.07	.10	.13
3. 9000	.16	.19	.22	.26	.29
4. 1500	.33	.36	.40	.44	.48
4. 4000	.51	.55	.59	.63	.67
4. 6500	.72	.76	.80	.84	.88
4. 9000	.93	.97	1.01	1.06	1.10
5. 1500	1.15	1.19	1.24	1.28	1.33
5. 4000	1.38	1.42	1.47	1.52	1.56
5. 6500	1.61	1.66	1.71	1.76	1.81
5. 9000	1.85	1.90	1.95	2.00	2.05
6. 1500	2.10	2.15	2.20	2.26	2.31
6. 4000	2.36	2.41	2.46	2.51	2.57
6. 6500	2.62	2.67	2.72	2.78	2.83
6. 9000	2.88	2.93	2.99	3.04	3.09
7. 1500	3.15	3.20	3.26	3.31	3.37
7. 4000	3.42	3.47	3.53	3.58	3.64
7. 6500	3.69	3.75	3.80	3.86	3.92
7. 9000	3.97	4.03	4.08	4.14	4.20
8. 1500	4.26	4.33	4.40	4.49	4.59
8. 4000	4.69	4.81	4.93	5.06	5.19
8. 6500	5.33	5.47	5.62	5.77	5.92
8. 9000	6.08	6.23	6.39	6.55	6.71
9. 1500	6.87	7.02	7.17	7.29	7.41
9. 4000	7.52	7.61	7.70	7.78	7.86
9. 6500	7.94	8.03	8.14	8.28	8.43
9. 9000	8.60	8.79	9.00	9.23	9.47
10. 1500	9.72	9.99	10.28	10.58	10.90
10. 4000	11.25	11.60	11.97	12.35	12.75
10. 6500	13.17	13.61	14.08	14.58	15.12

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.111

Name... ONSITE1

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
10. 9000	15.69	16.29	16.91	17.57	18.26
11. 1500	19.02	19.84	20.74	21.78	22.93
11. 4000	24.17	25.52	26.99	28.97	31.95
11. 6500	36.50	43.27	55.00	71.77	94.64
11. 9000	124.15	160.80	200.12	234.69	260.32
12. 1500	273.32	266.38	248.49	223.51	194.80
12. 4000	166.62	142.30	121.92	105.14	91.27
12. 6500	80.21	70.73	62.68	55.93	50.42
12. 9000	45.98	42.22	39.04	36.31	34.07
13. 1500	32.10	30.35	28.79	27.41	26.19
13. 4000	25.09	24.11	23.25	22.52	21.86
13. 6500	21.24	20.65	20.09	19.57	19.07

asbuilt basin 1 2 and 4.txt

13. 9000	18. 58	18. 12	17. 69	17. 26	16. 85
14. 1500	16. 46	16. 09	15. 75	15. 43	15. 15
14. 4000	14. 89	14. 67	14. 46	14. 27	14. 09
14. 6500	13. 92	13. 76	13. 60	13. 45	13. 30
14. 9000	13. 16	13. 02	12. 88	12. 74	12. 60
15. 1500	12. 46	12. 32	12. 18	12. 05	11. 91
15. 4000	11. 77	11. 64	11. 50	11. 36	11. 22
15. 6500	11. 09	10. 95	10. 81	10. 68	10. 54
15. 9000	10. 40	10. 27	10. 13	9. 99	9. 86
16. 1500	9. 73	9. 60	9. 49	9. 38	9. 28
16. 4000	9. 20	9. 12	9. 04	8. 98	8. 91
16. 6500	8. 85	8. 80	8. 74	8. 69	8. 64
16. 9000	8. 58	8. 53	8. 48	8. 43	8. 38
17. 1500	8. 33	8. 28	8. 23	8. 19	8. 14
17. 4000	8. 09	8. 04	7. 99	7. 94	7. 89
17. 6500	7. 84	7. 79	7. 74	7. 70	7. 65
17. 9000	7. 60	7. 55	7. 50	7. 45	7. 40
18. 1500	7. 35	7. 30	7. 25	7. 21	7. 16
18. 4000	7. 11	7. 06	7. 01	6. 96	6. 91
18. 6500	6. 86	6. 81	6. 76	6. 71	6. 67
18. 9000	6. 62	6. 57	6. 52	6. 47	6. 42
19. 1500	6. 37	6. 32	6. 27	6. 22	6. 17
19. 4000	6. 12	6. 07	6. 03	5. 98	5. 93
19. 6500	5. 88	5. 83	5. 78	5. 73	5. 68
19. 9000	5. 63	5. 58	5. 53	5. 48	5. 44
20. 1500	5. 39	5. 35	5. 31	5. 27	5. 24
20. 4000	5. 21	5. 19	5. 17	5. 15	5. 13
20. 6500	5. 12	5. 11	5. 09	5. 08	5. 07
20. 9000	5. 06	5. 05	5. 04	5. 03	5. 02
21. 1500	5. 01	5. 00	4. 99	4. 98	4. 97
21. 4000	4. 96	4. 95	4. 94	4. 93	4. 92
21. 6500	4. 91	4. 90	4. 89	4. 88	4. 87
21. 9000	4. 86	4. 85	4. 84	4. 83	4. 82

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.112

Name... ONSITE1 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
22. 1500	4. 81	4. 80	4. 79	4. 78	4. 77
22. 4000	4. 76	4. 75	4. 74	4. 73	4. 72
22. 6500	4. 71	4. 70	4. 69	4. 68	4. 67
22. 9000	4. 66	4. 65	4. 64	4. 63	4. 62
23. 1500	4. 61	4. 61	4. 60	4. 59	4. 58
23. 4000	4. 57	4. 56	4. 55	4. 54	4. 53
23. 6500	4. 52	4. 51	4. 50	4. 49	4. 48
23. 9000	4. 47	4. 46	4. 43	4. 38	4. 25
24. 1500	3. 98	3. 61	3. 15	2. 65	2. 16
24. 4000	1. 71	1. 33	1. 02	. 79	. 61
24. 6500	. 48	. 37	. 28	. 22	. 17
24. 9000	. 13	. 10	. 08	. 06	. 04
25. 1500	. 03	. 02	. 02	. 01	. 01
25. 4000	. 00	. 00	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary Page 7.113  
 Name... ONSITE1 Tag: 100 Event: 100 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... TypeII 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm  
 Duration = 24.0000 hrs Rain Depth = 7.0000 in  
 Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 HYG File - ID = - ONSITE1 100  
 Tc = .4821 hrs  
 Drainage Area = 71.200 acres Runoff CN= 90

=====  
 Computational Time Increment = .06428 hrs  
 Computed Peak Time = 12.1492 hrs  
 Computed Peak Flow = 345.68 cfs  
  
 Time Increment for HYG File = .0500 hrs  
 Peak Time, Interpolated Output = 12.1500 hrs  
 Peak Flow, Interpolated Output = 345.52 cfs  
 =====

DRAINAGE AREA

-----  
 ID: ONSITE1  
 CN = 90  
 Area = 71.200 acres  
 S = 1.1111 in  
 0.2S = .2222 in

Cumulative Runoff

-----  
 5.8232 in  
 1505031 cu. ft

HYG Volume... 1505099 cu. ft (area under HYG curve)

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

Time Concentration, Tc = .48211 hrs (ID: ONSITE1)  
 Computational Incr, Tm = .06428 hrs = 0.20000 Tp  
  
 Unit Hyd. Shape Factor = 483.432 (37.46% under rising limb)  
 K = 483.43/645.333, K = .7491 (also, K = 2/(1+(Tr/Tp)))  
 Receding/Rising, Tr/Tp = 1.6698 (solved from K = .7491)  
  
 Unit peak, qp = 167.33 cfs  
 Unit peak time, Tp = .32141 hrs  
 Unit receding limb, Tr = 1.28563 hrs  
 Total unit time, Tb = 1.60703 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output) Page 7.114

asbuilt basin 1 2 and 4.txt

Name... ONSITE1 Tag: 100 Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 7.0000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeI 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - ONSITE1 100

Tc = .4821 hrs

Drainage Area = 71.200 acres Runoff CN= 90

Calc. Increment= .06428 hrs Out. Incr. = .0500 hrs

HYG Volume = 1505099 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
2. 8500	.00	.00	.01	.02	.03
3. 1000	.05	.07	.10	.14	.18
3. 3500	.22	.26	.31	.36	.40
3. 6000	.45	.50	.55	.60	.65
3. 8500	.70	.75	.81	.86	.91
4. 1000	.96	1.01	1.06	1.11	1.17
4. 3500	1.22	1.27	1.33	1.38	1.44
4. 6000	1.50	1.55	1.61	1.67	1.73
4. 8500	1.78	1.84	1.90	1.96	2.02
5. 1000	2.08	2.14	2.20	2.27	2.33
5. 3500	2.39	2.45	2.52	2.58	2.64
5. 6000	2.70	2.77	2.83	2.90	2.96
5. 8500	3.03	3.09	3.16	3.22	3.29
6. 1000	3.35	3.42	3.48	3.55	3.62
6. 3500	3.68	3.75	3.82	3.89	3.95
6. 6000	4.02	4.09	4.16	4.22	4.29
6. 8500	4.36	4.43	4.50	4.57	4.63
7. 1000	4.70	4.77	4.84	4.91	4.98
7. 3500	5.05	5.12	5.19	5.26	5.33
7. 6000	5.40	5.46	5.53	5.60	5.67
7. 8500	5.74	5.81	5.88	5.95	6.03
8. 1000	6.10	6.18	6.27	6.37	6.48
8. 3500	6.60	6.74	6.90	7.06	7.23
8. 6000	7.41	7.59	7.78	7.98	8.18
8. 8500	8.38	8.59	8.79	9.01	9.22
9. 1000	9.43	9.63	9.83	10.01	10.18
9. 3500	10.33	10.46	10.58	10.68	10.77
9. 6000	10.87	10.97	11.08	11.22	11.38
9. 8500	11.57	11.79	12.05	12.32	12.61
10. 1000	12.92	13.25	13.60	13.97	14.37

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.115

Name... ONSITE1 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 100

asbuilt basin 1 2 and 4.txt  
 HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs

Time hrs	Time on left represents time for first value in each row.				
10. 3500	14. 79	15. 23	15. 69	16. 17	16. 66
10. 6000	17. 18	17. 72	18. 29	18. 89	19. 54
10. 8500	20. 23	20. 97	21. 73	22. 54	23. 38
11. 1000	24. 28	25. 24	26. 30	27. 46	28. 79
11. 3500	30. 26	31. 85	33. 58	35. 46	38. 01
11. 6000	41. 83	47. 67	56. 36	71. 39	92. 80
11. 8500	121. 88	159. 26	205. 47	254. 80	297. 96
12. 1000	329. 73	345. 52	336. 24	313. 27	281. 48
12. 3500	245. 10	209. 48	178. 78	153. 07	131. 91
12. 6000	114. 42	100. 49	88. 56	78. 44	69. 95
12. 8500	63. 02	57. 44	52. 72	48. 72	45. 30
13. 1000	42. 49	40. 01	37. 82	35. 87	34. 14
13. 3500	32. 61	31. 23	30. 01	28. 94	28. 03
13. 6000	27. 21	26. 43	25. 70	25. 00	24. 34
13. 8500	23. 72	23. 12	22. 54	22. 00	21. 47
14. 1000	20. 95	20. 46	20. 00	19. 58	19. 19
14. 3500	18. 83	18. 51	18. 23	17. 98	17. 74
14. 6000	17. 51	17. 30	17. 10	16. 91	16. 72
14. 8500	16. 53	16. 35	16. 17	16. 00	15. 82
15. 1000	15. 65	15. 48	15. 31	15. 14	14. 96
15. 3500	14. 79	14. 62	14. 45	14. 28	14. 11
15. 6000	13. 94	13. 77	13. 60	13. 43	13. 26
15. 8500	13. 09	12. 92	12. 75	12. 58	12. 41
16. 1000	12. 24	12. 08	11. 92	11. 78	11. 65
16. 3500	11. 53	11. 42	11. 32	11. 23	11. 14
16. 6000	11. 07	10. 99	10. 92	10. 85	10. 78
16. 8500	10. 72	10. 65	10. 59	10. 53	10. 47
17. 1000	10. 40	10. 34	10. 28	10. 22	10. 16
17. 3500	10. 10	10. 04	9. 98	9. 91	9. 85
17. 6000	9. 79	9. 73	9. 67	9. 61	9. 55
17. 8500	9. 49	9. 43	9. 37	9. 31	9. 24
18. 1000	9. 18	9. 12	9. 06	9. 00	8. 94
18. 3500	8. 88	8. 82	8. 76	8. 70	8. 63
18. 6000	8. 57	8. 51	8. 45	8. 39	8. 33
18. 8500	8. 27	8. 21	8. 15	8. 08	8. 02
19. 1000	7. 96	7. 90	7. 84	7. 78	7. 72
19. 3500	7. 66	7. 59	7. 53	7. 47	7. 41
19. 6000	7. 35	7. 29	7. 23	7. 17	7. 11
19. 8500	7. 04	6. 98	6. 92	6. 86	6. 80
20. 1000	6. 74	6. 68	6. 63	6. 58	6. 54
20. 3500	6. 50	6. 46	6. 43	6. 41	6. 39
20. 6000	6. 37	6. 35	6. 33	6. 31	6. 30
20. 8500	6. 29	6. 27	6. 26	6. 24	6. 23
21. 1000	6. 22	6. 21	6. 19	6. 18	6. 17
21. 3500	6. 16	6. 14	6. 13	6. 12	6. 11

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7.116

Name... ONSITE1 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time hrs	Time on left represents time for first value in each row.				
----------	---	--	--	--	--

asbuilt basin 1 2 and 4.txt

21. 6000	6.10	6.08	6.07	6.06	6.05
21. 8500	6.04	6.02	6.01	6.00	5.99
22. 1000	5.97	5.96	5.95	5.94	5.93
22. 3500	5.91	5.90	5.89	5.88	5.87
22. 6000	5.85	5.84	5.83	5.82	5.80
22. 8500	5.79	5.78	5.77	5.76	5.74
23. 1000	5.73	5.72	5.71	5.69	5.68
23. 3500	5.67	5.66	5.65	5.63	5.62
23. 6000	5.61	5.60	5.59	5.57	5.56
23. 8500	5.55	5.54	5.52	5.49	5.42
24. 1000	5.26	4.93	4.47	3.91	3.28
24. 3500	2.67	2.12	1.65	1.26	.97
24. 6000	.76	.59	.45	.35	.27
24. 8500	.21	.16	.12	.09	.07
25. 1000	.05	.04	.03	.02	.02
25. 3500	.01	.01	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7.117

Name... SUBAREA1 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm

Duration = 24.0000 hrs Rain Depth = 5.2000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - SUBAREA1 15

Tc = 1.2240 hrs

Drainage Area = 708.000 acres Runoff CN= 76

=====  
Computational Time Increment = .16320 hrs

Computed Peak Time = 12.5666 hrs

Computed Peak Flow = 857.99 cfs

Time Increment for HYG File = .0500 hrs

Peak Time, Interpolated Output = 12.6000 hrs

Peak Flow, Interpolated Output = 857.97 cfs  
=====

DRAINAGE AREA

-----  
ID: SUBAREA1

CN = 76

Area = 708.000 acres

S = 3.1579 in

0.2S = .6316 in

Cumulative Runoff

-----  
2.7012 in

6942241 cu. ft

HYG Volume... 6942343 cu. ft (area under HYG curve)



asbuilt basin 1 2 and 4.txt  
 \*\*\*\*\* SCS UNIT HYDROGRAPH PARAMETERS \*\*\*\*\*

Time Concentration, Tc = 1.22402 hrs (ID: SUBAREA1)  
 Computational Incr, Tm = .16320 hrs = 0.20000 Tp

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

Unit peak, qp = 655.38 cfs  
 Unit peak time Tp = .81601 hrs  
 Unit receding limb, Tr = 3.26404 hrs  
 Total unit time, Tb = 4.08005 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7.118

Name... SUBAREA1 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 15 year storm  
 Duration = 24.0000 hrs Rain Depth = 5.2000 in  
 Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Rain File -ID = - TypeII 24hr  
 Unit Hyd Type = Default Curvilinear  
 HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 HYG File - ID = - SUBAREA1 15  
 Tc = 1.2240 hrs  
 Drainage Area = 708.000 acres Runoff CN= 76  
 Calc. Increment = .16320 hrs Out. Incr. = .0500 hrs  
 HYG Volume = 6942343 cu. ft

HYDROGRAPH ORDINATES (cfs)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
8.0500	.00	.00	.00	.01	.02
8.3000	.02	.04	.07	.09	.13
8.5500	.20	.26	.33	.46	.58
8.8000	.71	.89	1.08	1.28	1.51
9.0500	1.79	2.06	2.35	2.70	3.04
9.3000	3.39	3.80	4.21	4.62	5.06
9.5500	5.52	5.97	6.45	6.95	7.44
9.8000	7.95	8.49	9.04	9.58	10.18
10.0500	10.79	11.40	12.07	12.77	13.47
10.3000	14.22	15.05	15.87	16.72	17.70
10.5500	18.68	19.66	20.81	21.99	23.17
10.8000	24.48	25.90	27.32	28.83	30.55
11.0500	32.27	34.01	36.16	38.30	40.44
11.3000	43.03	45.76	48.48	51.84	55.80
11.5500	59.76	64.96	73.83	82.70	91.56
11.8000	116.56	141.72	166.88	208.97	257.45
12.0500	305.93	363.47	431.57	499.67	566.51
12.3000	628.25	689.98	751.72	785.05	816.35
12.5500	847.65	857.97	857.94	857.91	848.58
12.8000	825.64	802.70	777.70	740.25	702.79
13.0500	665.34	628.00	590.68	553.35	521.05
13.3000	491.90	462.76	436.09	414.02	391.95

asbuilt basin 1 2 and 4.txt

13. 5500	370. 27	352. 63	334. 99	317. 35	302. 74
13. 8000	288. 80	274. 86	262. 54	251. 49	240. 45
14. 0500	230. 02	221. 10	212. 18	203. 31	196. 19
14. 3000	189. 06	181. 94	175. 88	170. 14	164. 40
14. 5500	159. 21	154. 57	149. 93	145. 51	141. 77
14. 8000	138. 03	134. 29	131. 28	128. 29	125. 30
15. 0500	122. 70	120. 28	117. 85	115. 60	113. 56
15. 3000	111. 53	109. 54	107. 73	105. 92	104. 11

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.119

Name... SUBAREA1

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
15. 5500	102. 41	100. 72	99. 03	97. 43	95. 88
15. 8000	94. 34	92. 90	91. 62	90. 34	89. 08
16. 0500	87. 96	86. 84	85. 72	84. 66	83. 60
16. 3000	82. 54	81. 53	80. 55	79. 57	78. 62
16. 5500	77. 74	76. 85	75. 97	75. 18	74. 40
16. 8000	73. 62	72. 92	72. 24	71. 56	70. 93
17. 0500	70. 33	69. 74	69. 17	68. 65	68. 13
17. 3000	67. 61	67. 13	66. 66	66. 19	65. 74
17. 5500	65. 30	64. 86	64. 44	64. 02	63. 61
17. 8000	63. 20	62. 80	62. 40	62. 00	61. 61
18. 0500	61. 23	60. 84	60. 46	60. 08	59. 70
18. 3000	59. 33	58. 96	58. 58	58. 21	57. 84
18. 5500	57. 47	57. 10	56. 73	56. 37	56. 00
18. 8000	55. 63	55. 27	54. 90	54. 53	54. 17
19. 0500	53. 80	53. 44	53. 07	52. 71	52. 34
19. 3000	51. 98	51. 61	51. 24	50. 88	50. 51
19. 5500	50. 15	49. 78	49. 41	49. 05	48. 68
19. 8000	48. 31	47. 94	47. 58	47. 21	46. 84
20. 0500	46. 48	46. 11	45. 75	45. 38	45. 02
20. 3000	44. 67	44. 33	43. 98	43. 65	43. 33
20. 5500	43. 01	42. 72	42. 44	42. 15	41. 89
20. 8000	41. 65	41. 42	41. 19	40. 99	40. 80
21. 0500	40. 60	40. 44	40. 28	40. 12	39. 97
21. 3000	39. 84	39. 71	39. 58	39. 46	39. 34
21. 5500	39. 23	39. 13	39. 02	38. 92	38. 82
21. 8000	38. 73	38. 64	38. 55	38. 46	38. 37
22. 0500	38. 29	38. 21	38. 12	38. 04	37. 96
22. 3000	37. 88	37. 81	37. 73	37. 65	37. 58
22. 5500	37. 50	37. 43	37. 35	37. 28	37. 20
22. 8000	37. 13	37. 06	36. 98	36. 91	36. 84
23. 0500	36. 77	36. 70	36. 62	36. 55	36. 48
23. 3000	36. 41	36. 33	36. 26	36. 19	36. 12
23. 5500	36. 05	35. 98	35. 91	35. 84	35. 76
23. 8000	35. 69	35. 62	35. 55	35. 48	35. 38
24. 0500	35. 16	34. 94	34. 72	34. 21	33. 68
24. 3000	33. 14	32. 26	31. 20	30. 13	28. 90
24. 5500	27. 42	25. 93	24. 43	22. 83	21. 23
24. 8000	19. 63	18. 12	16. 63	15. 13	13. 78
25. 0500	12. 52	11. 26	10. 12	9. 21	8. 30
25. 3000	7. 40	6. 76	6. 13	5. 49	5. 00
25. 5500	4. 54	4. 08	3. 69	3. 36	3. 02

asbuil t basin 1 2 and 4. txt						
25. 8000	2. 71	2. 47	2. 23	1. 99	1. 82	
26. 0500	1. 64	1. 47	1. 33	1. 20	1. 08	
26. 3000	. 97	. 88	. 79	. 71	. 64	
26. 5500	. 58	. 51	. 46	. 42	. 37	

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7. 120

Name... SUBAREA1 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
26. 8000	. 33	. 30	. 26	. 23	. 21
27. 0500	. 18	. 16	. 14	. 13	. 11
27. 3000	. 09	. 08	. 07	. 06	. 05
27. 5500	. 04	. 03	. 02	. 02	. 01
27. 8000	. 01	. 00	. 00	. 00	

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. Summary

Page 7. 121

Name... SUBAREA1 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm

Duration = 24.0000 hrs Rain Depth = 5.7000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - SUBAREA1 25

Tc = 1.2240 hrs

Drainage Area = 708.000 acres Runoff CN= 76

=====  
Computational Time Increment = .16320 hrs  
Computed Peak Time = 12.5666 hrs  
Computed Peak Flow = 997.72 cfs

Time Increment for HYG File = .0500 hrs  
Peak Time, Interpolated Output = 12.6000 hrs  
Peak Flow, Interpolated Output = 997.04 cfs  
=====

DRAINAGE AREA

-----  
ID: SUBAREA1

CN = 76

Area = 708.000 acres

S = 3.1579 in

0.2S = .6316 in

asbuilt basin 1 2 and 4.txt  
 Cumulative Runoff

-----  
 3.1228 in  
 8025644 cu. ft

HYG Volume... 8025762 cu. ft (area under HYG curve)

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

Time Concentration, Tc = 1.22402 hrs (ID: SUBAREA1)  
 Computational Incr, Tm = .16320 hrs = 0.20000 Tp

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

Unit peak, qp = 655.38 cfs  
 Unit peak time Tp = .81601 hrs  
 Unit receding limb, Tr = 3.26404 hrs  
 Total unit time, Tb = 4.08005 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Unit Hyd. (HYG output)

Page 7.122

Name... SUBAREA1

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 25

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 25 year storm

Duration = 24.0000 hrs Rain Depth = 5.7000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeI 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - SUBAREA1 25

Tc = 1.2240 hrs

Drainage Area = 708.000 acres Runoff CN= 76

Calc. Increment= .16320 hrs Out. Incr. = .0500 hrs

HYG Volume = 8025762 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
7.5500	.00	.00	.00	.01	.01
7.8000	.02	.03	.06	.09	.11
8.0500	.17	.23	.29	.39	.50
8.3000	.61	.76	.93	1.10	1.29
8.5500	1.52	1.76	2.00	2.30	2.61
8.8000	2.91	3.27	3.65	4.02	4.43
9.0500	4.88	5.32	5.78	6.29	6.80
9.3000	7.31	7.87	8.43	8.99	9.58
9.5500	10.18	10.78	11.39	12.02	12.64
9.8000	13.28	13.95	14.62	15.30	16.03
10.0500	16.78	17.53	18.34	19.20	20.06
10.3000	20.97	21.98	22.99	24.02	25.22
10.5500	26.42	27.62	29.02	30.46	31.90
10.8000	33.50	35.23	36.96	38.80	40.89
11.0500	42.98	45.09	47.68	50.27	52.86

asbuilt basin 1 2 and 4.txt

11. 3000	55.99	59.27	62.55	66.59	71.34
11. 5500	76.09	82.32	92.89	103.46	114.03
11. 8000	143.38	172.92	202.46	251.54	307.99
12. 0500	364.45	431.19	509.92	588.66	665.81
12. 3000	736.55	807.30	878.04	915.63	950.86
12. 5500	986.08	997.04	996.02	995.01	983.30
12. 8000	955.92	928.54	898.82	854.94	811.05
13. 0500	767.17	723.68	680.25	636.83	599.29
13. 3000	565.47	531.64	500.70	475.12	449.53
13. 5500	424.39	403.97	383.55	363.12	346.24
13. 8000	330.13	314.01	299.77	287.02	274.27
14. 0500	262.25	251.97	241.69	231.47	223.27
14. 3000	215.07	206.88	199.91	193.31	186.72
14. 5500	180.76	175.44	170.11	165.03	160.75
14. 8000	156.46	152.17	148.72	145.30	141.87

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.123

Name... SUBAREA1 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
15. 0500	138.90	136.12	133.34	130.77	128.44
15. 3000	126.12	123.84	121.77	119.70	117.62
15. 5500	115.68	113.75	111.82	110.00	108.24
15. 8000	106.47	104.83	103.38	101.93	100.50
16. 0500	99.23	97.96	96.69	95.48	94.28
16. 3000	93.09	91.94	90.83	89.72	88.64
16. 5500	87.64	86.63	85.63	84.75	83.86
16. 8000	82.98	82.18	81.41	80.64	79.92
17. 0500	79.25	78.58	77.93	77.34	76.75
17. 3000	76.16	75.62	75.09	74.55	74.05
17. 5500	73.55	73.05	72.57	72.10	71.63
17. 8000	71.16	70.71	70.26	69.81	69.37
18. 0500	68.93	68.49	68.06	67.63	67.21
18. 3000	66.78	66.36	65.93	65.51	65.10
18. 5500	64.68	64.26	63.84	63.43	63.01
18. 8000	62.60	62.18	61.77	61.35	60.94
19. 0500	60.53	60.11	59.70	59.29	58.88
19. 3000	58.46	58.05	57.64	57.22	56.81
19. 5500	56.40	55.98	55.57	55.16	54.74
19. 8000	54.33	53.91	53.50	53.08	52.67
20. 0500	52.25	51.84	51.43	51.02	50.62
20. 3000	50.22	49.83	49.43	49.07	48.71
20. 5500	48.35	48.02	47.70	47.38	47.08
20. 8000	46.82	46.55	46.29	46.07	45.85
21. 0500	45.63	45.44	45.26	45.08	44.92
21. 3000	44.77	44.61	44.47	44.34	44.21
21. 5500	44.08	43.96	43.84	43.72	43.62
21. 8000	43.51	43.40	43.30	43.21	43.11
22. 0500	43.01	42.92	42.82	42.73	42.64
22. 3000	42.55	42.46	42.37	42.29	42.20
22. 5500	42.11	42.03	41.95	41.86	41.78
22. 8000	41.70	41.61	41.53	41.45	41.37
23. 0500	41.28	41.20	41.12	41.04	40.96
23. 3000	40.88	40.79	40.71	40.63	40.55

asbuilt basin 1 2 and 4.txt

23. 5500	40. 47	40. 39	40. 31	40. 23	40. 15
23. 8000	40. 07	39. 99	39. 91	39. 83	39. 71
24. 0500	39. 47	39. 22	38. 98	38. 40	37. 80
24. 3000	37. 20	36. 21	35. 01	33. 82	32. 44
24. 5500	30. 77	29. 10	27. 42	25. 62	23. 83
24. 8000	22. 03	20. 34	18. 66	16. 98	15. 46
25. 0500	14. 05	12. 64	11. 36	10. 33	9. 31
25. 3000	8. 31	7. 59	6. 88	6. 16	5. 61
25. 5500	5. 10	4. 58	4. 14	3. 77	3. 39
25. 8000	3. 04	2. 77	2. 50	2. 23	2. 04
26. 0500	1. 84	1. 65	1. 49	1. 35	1. 21

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7. 124

Name... SUBAREA1 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
26. 3000	1. 09	. 99	. 89	. 79	. 72
26. 5500	. 65	. 57	. 52	. 47	. 42
26. 8000	. 37	. 33	. 30	. 26	. 23
27. 0500	. 21	. 18	. 16	. 14	. 12
27. 3000	. 11	. 09	. 08	. 06	. 05
27. 5500	. 04	. 03	. 03	. 02	. 01
27. 8000	. 01	. 00	. 00	. 00	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. Summary

Page 7. 125

Name... SUBAREA1 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 7.0000 in

Rain Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

HYG File - ID = - SUBAREA1 100

Tc = 1.2240 hrs

Drainage Area = 708.000 acres Runoff CN= 76

=====  
Computational Time Increment = .16320 hrs

Computed Peak Time = 12.5666 hrs

Computed Peak Flow = 1370.90 cfs

Time Increment for HYG File = .0500 hrs

Peak Time, Interpolated Output = 12.6000 hrs

Peak Flow, Interpolated Output = 1368.25 cfs  
=====

asbuilt basin 1 2 and 4.txt

DRAINAGE AREA

ID: SUBAREA1
CN = 76
Area = 708.000 acres
S = 3.1579 in
0.2S = .6316 in

Cumulative Runoff

4.2573 in
10941540 cu. ft

HYG Volume... 10941700 cu. ft (area under HYG curve)

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

Time Concentration, Tc = 1.22402 hrs (ID: SUBAREA1)
Computational Incr, Tm = .16320 hrs = 0.20000 Tp

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

Unit peak, qp = 655.38 cfs
Unit peak time Tp = .81601 hrs
Unit receding limb, Tr = 3.26404 hrs
Total unit time, Tb = 4.08005 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.126

Name... SUBAREA1 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SCS UNIT HYDROGRAPH METHOD

STORM EVENT: 100 year storm

Duration = 24.0000 hrs Rain Depth = 7.0000 in

Rain Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

Rain File -ID = - TypeII 24hr

Unit Hyd Type = Default Curvilinear

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

HYG File - ID = - SUBAREA1 100

Tc = 1.2240 hrs

Drainage Area = 708.000 acres Runoff CN= 76

Calc. Increment= .16320 hrs Out. Incr. = .0500 hrs

HYG Volume = 10941700 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Table with 6 columns: Time hrs, and five columns of flow values (cfs) at different time intervals.

asbuilt basin 1 2 and 4.txt

8. 0500	5. 20	5. 60	5. 99	6. 41	6. 84
8. 3000	7. 27	7. 73	8. 20	8. 67	9. 16
8. 5500	9. 70	10. 23	10. 76	11. 37	11. 98
8. 8000	12. 59	13. 26	13. 95	14. 64	15. 38
9. 0500	16. 16	16. 94	17. 74	18. 61	19. 47
9. 3000	20. 33	21. 24	22. 16	23. 07	24. 00
9. 5500	24. 94	25. 88	26. 83	27. 78	28. 74
9. 8000	29. 70	30. 70	31. 70	32. 69	33. 78
10. 0500	34. 88	35. 98	37. 19	38. 46	39. 73
10. 3000	41. 09	42. 60	44. 10	45. 64	47. 43
10. 5500	49. 23	51. 03	53. 12	55. 28	57. 43
10. 8000	59. 83	62. 40	64. 98	67. 72	70. 82
11. 0500	73. 92	77. 05	80. 87	84. 69	88. 51
11. 3000	93. 10	97. 90	102. 70	108. 60	115. 52
11. 5500	122. 44	131. 46	146. 66	161. 85	177. 05
11. 8000	218. 10	259. 42	300. 74	368. 49	446. 24
12. 0500	523. 99	615. 21	722. 14	829. 07	933. 53
12. 3000	1027. 95	1122. 36	1216. 78	1265. 34	1310. 64
12. 5500	1355. 94	1368. 25	1364. 29	1360. 33	1341. 97
12. 8000	1302. 52	1263. 07	1220. 55	1159. 40	1098. 25
13. 0500	1037. 10	977. 20	917. 48	857. 75	806. 27
13. 3000	759. 98	713. 69	671. 36	636. 42	601. 48
13. 5500	567. 15	539. 32	511. 50	483. 67	460. 73
13. 8000	438. 85	416. 97	397. 65	380. 38	363. 11

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.127

Name... SUBAREA1 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
14. 0500	346. 84	332. 96	319. 08	305. 28	294. 25
14. 3000	283. 22	272. 18	262. 82	253. 97	245. 11
14. 5500	237. 12	229. 99	222. 86	216. 05	210. 32
14. 8000	204. 59	198. 85	194. 25	189. 68	185. 11
15. 0500	181. 15	177. 44	173. 74	170. 31	167. 21
15. 3000	164. 12	161. 09	158. 33	155. 58	152. 82
15. 5500	150. 24	147. 67	145. 11	142. 70	140. 37
15. 8000	138. 04	135. 88	133. 97	132. 07	130. 19
16. 0500	128. 53	126. 87	125. 20	123. 63	122. 06
16. 3000	120. 50	119. 00	117. 55	116. 10	114. 69
16. 5500	113. 38	112. 07	110. 76	109. 61	108. 45
16. 8000	107. 29	106. 25	105. 25	104. 24	103. 30
17. 0500	102. 43	101. 55	100. 70	99. 93	99. 16
17. 3000	98. 38	97. 68	96. 98	96. 28	95. 62
17. 5500	94. 97	94. 32	93. 69	93. 07	92. 46
17. 8000	91. 85	91. 26	90. 67	90. 08	89. 51
18. 0500	88. 94	88. 37	87. 80	87. 24	86. 68
18. 3000	86. 13	85. 58	85. 03	84. 48	83. 93
18. 5500	83. 39	82. 84	82. 30	81. 76	81. 22
18. 8000	80. 68	80. 14	79. 60	79. 06	78. 52
19. 0500	77. 99	77. 45	76. 91	76. 38	75. 84
19. 3000	75. 30	74. 77	74. 23	73. 70	73. 16
19. 5500	72. 62	72. 09	71. 55	71. 01	70. 47
19. 8000	69. 94	69. 40	68. 86	68. 33	67. 79
20. 0500	67. 25	66. 72	66. 19	65. 66	65. 13



asbuilt basin 1 2 and 4.txt

20. 3000	64. 62	64. 11	63. 60	63. 13	62. 66
20. 5500	62. 19	61. 76	61. 35	60. 94	60. 56
20. 8000	60. 21	59. 86	59. 53	59. 24	58. 95
21. 0500	58. 67	58. 43	58. 19	57. 96	57. 75
21. 3000	57. 55	57. 35	57. 16	56. 99	56. 82
21. 5500	56. 65	56. 50	56. 34	56. 19	56. 05
21. 8000	55. 91	55. 77	55. 64	55. 51	55. 38
22. 0500	55. 26	55. 13	55. 01	54. 89	54. 77
22. 3000	54. 66	54. 54	54. 42	54. 31	54. 20
22. 5500	54. 09	53. 97	53. 86	53. 75	53. 65
22. 8000	53. 54	53. 43	53. 32	53. 21	53. 11
23. 0500	53. 00	52. 89	52. 78	52. 68	52. 57
23. 3000	52. 46	52. 36	52. 25	52. 15	52. 04
23. 5500	51. 93	51. 83	51. 72	51. 62	51. 51
23. 8000	51. 41	51. 30	51. 20	51. 09	50. 95
24. 0500	50. 63	50. 31	50. 00	49. 26	48. 49
24. 3000	47. 72	46. 44	44. 91	43. 38	41. 60
24. 5500	39. 47	37. 33	35. 17	32. 86	30. 56
24. 8000	28. 25	26. 08	23. 93	21. 78	19. 83
25. 0500	18. 02	16. 21	14. 57	13. 25	11. 94

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Unit Hyd. (HYG output)

Page 7.128

Name... SUBAREA1

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
25. 3000	10. 65	9. 74	8. 82	7. 90	7. 19
25. 5500	6. 54	5. 88	5. 31	4. 83	4. 35
25. 8000	3. 90	3. 55	3. 21	2. 86	2. 61
26. 0500	2. 36	2. 11	1. 91	1. 73	1. 55
26. 3000	1. 40	1. 27	1. 14	1. 02	. 92
26. 5500	. 83	. 74	. 67	. 60	. 53
26. 8000	. 48	. 43	. 38	. 34	. 30
27. 0500	. 27	. 23	. 21	. 18	. 16
27. 3000	. 14	. 12	. 10	. 08	. 07
27. 5500	. 06	. 04	. 03	. 02	. 02
27. 8000	. 01	. 01	. 00	. 00	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Chn-Circular

Page 8.01

Name... CHN-CIR - 1

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Solution to Mannings Open Channel Flow Equation  
(Computed values are based on normal depth.)

CIRCULAR CROSS SECTION

Slope = .022000 ft/ft

Mannings n = 0.01300

Invert Elev. = 587.00 ft

asbuilt basin 1 2 and 4.txt  
 Top of Channel = 592.50 ft  
 Diameter = 66.00 in

El ev. (ft)	Depth (ft)	Flow (cfs)	Vel. (ft/sec)	Area (sq. ft)	Top W. (ft)	Wet. P. (ft)	Hd (ft)	Froude No.
587.000	.00	.00	.00	.0000	.00	.00	.00	0.00
587.110	.11	.33	2.95	.1134	1.54	1.56	.07	1.92
587.220	.22	1.48	4.66	.3187	2.16	2.21	.15	2.13
587.330	.33	3.53	6.06	.5820	2.61	2.72	.22	2.26
587.440	.44	6.50	7.30	.8904	2.98	3.15	.30	2.35
587.550	.55	10.40	8.41	1.2364	3.30	3.54	.37	2.42
587.660	.66	15.23	9.43	1.6148	3.57	3.89	.45	2.47
587.770	.77	20.99	10.38	2.0218	3.82	4.22	.53	2.52
587.880	.88	27.65	11.27	2.4537	4.03	4.53	.61	2.55
587.990	.99	35.20	12.11	2.9080	4.23	4.82	.69	2.57
588.100	1.10	43.61	12.89	3.3826	4.40	5.10	.77	2.59
588.210	1.21	52.86	13.64	3.8755	4.56	5.37	.85	2.61
588.320	1.32	62.91	14.35	4.3846	4.70	5.63	.93	2.62
588.430	1.43	73.73	15.02	4.9084	4.82	5.89	1.02	2.63
588.540	1.54	85.28	15.66	5.4455	4.94	6.13	1.10	2.63
588.650	1.65	97.54	16.27	5.9947	5.04	6.38	1.19	2.63
588.760	1.76	110.45	16.85	6.5542	5.13	6.61	1.28	2.63
588.870	1.87	123.98	17.40	7.1230	5.21	6.85	1.37	2.62
588.980	1.98	138.08	17.93	7.7001	5.28	7.08	1.46	2.62
589.090	2.09	152.72	18.43	8.2844	5.34	7.31	1.55	2.61
589.200	2.20	167.84	18.91	8.8745	5.39	7.53	1.65	2.60
589.310	2.31	183.40	19.37	9.4695	5.43	7.76	1.74	2.59
589.420	2.42	199.35	19.80	10.0684	5.46	7.98	1.84	2.57
589.530	2.53	215.64	20.21	10.6706	5.48	8.20	1.95	2.55
589.640	2.64	232.22	20.60	11.2744	5.50	8.42	2.05	2.54
589.750	2.75	249.03	20.96	11.8792	5.50	8.64	2.16	2.51
589.860	2.86	266.02	21.31	12.4839	5.50	8.86	2.27	2.49
589.970	2.97	283.13	21.63	13.0877	5.48	9.08	2.39	2.47
590.080	3.08	300.31	21.94	13.6899	5.46	9.30	2.51	2.44
590.190	3.19	317.49	22.22	14.2888	5.43	9.52	2.63	2.41
590.300	3.30	334.61	22.48	14.8838	5.39	9.75	2.76	2.38
590.410	3.41	351.61	22.72	15.4739	5.34	9.97	2.90	2.35
590.520	3.52	368.43	22.94	16.0582	5.28	10.20	3.04	2.32
590.630	3.63	384.97	23.14	16.6353	5.21	10.43	3.19	2.28
590.740	3.74	401.19	23.32	17.2041	5.13	10.66	3.35	2.25
590.850	3.85	416.99	23.47	17.7636	5.04	10.90	3.52	2.20
590.960	3.96	432.31	23.61	18.3128	4.94	11.15	3.71	2.16

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Chn-Circular

Page 8.02

Name. . . . CHN-CIR - 1

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Solution to Mannings Open Channel Flow Equation  
 (Computed values are based on normal depth.)

CIRCULAR CROSS SECTION

Slope = .022000 ft/ft  
 Mannings n = 0.01300  
 Invert Elev. = 587.00 ft  
 Top of Channel = 592.50 ft  
 Diameter = 66.00 in

asbuilt basin 1 2 and 4.txt

El ev. (ft)	Depth (ft)	Flow (cfs)	Vel. (ft/sec)	Area (sq. ft)	Top W. (ft)	Wet. P. (ft)	Hd (ft)	Froude No.
591.070	4.07	447.05	23.72	18.8499	4.82	11.39	3.91	2.12
591.180	4.18	461.11	23.80	19.3737	4.70	11.65	4.12	2.07
591.290	4.29	474.41	23.86	19.8828	4.56	11.91	4.36	2.01
591.400	4.40	486.84	23.89	20.3757	4.40	12.18	4.63	1.96
591.510	4.51	498.26	23.90	20.8503	4.23	12.46	4.93	1.90
591.620	4.62	508.55	23.87	21.3046	4.03	12.75	5.28	1.83
591.730	4.73	517.54	23.81	21.7365	3.82	13.06	5.69	1.76
591.840	4.84	525.05	23.71	22.1435	3.57	13.39	6.19	1.68
591.950	4.95	530.83	23.57	22.5219	3.30	13.74	6.82	1.59
592.060	5.06	534.55	23.38	22.8679	2.98	14.12	7.66	1.49
592.160	5.16	535.76	23.14	23.1503	2.65	14.52	8.74	1.38
592.170	5.17	535.75	23.12	23.1763	2.61	14.56	8.87	1.37
592.280	5.28	533.61	22.77	23.4396	2.16	15.06	10.87	1.22
592.390	5.39	526.29	22.26	23.6449	1.54	15.72	15.35	1.00
592.500	5.50	498.06	20.96	23.7583	.00	17.28	****	****

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Channel Equations

Page 8.03

Name. . . . CHN-CIR - 1

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

SOLUTION TO MANNINGS OPEN CHANNEL FLOW EQUATION  
(Computed values are based on normal depth.)

$$Q = (k/n) * A * (R^{2/3}) * (S^{1/2})$$

where:

	English Units	SI units
Q = Channel flow	cfs	cms
k = Mannings constant	1.485919	1.0
n = Mannings n	no units	no units
R = Hydraulic radius, A/WP	ft	m
A = X-section flow area	sq. ft.	sq. m.
WP = Wetted perimeter	ft	m
S = Slope	ft/ft	m/m

ADDITIONAL OUTPUT VARIABLES:

Vel = Q/A

Hd = A/TpW

F = Vel / (g \* Hd)\*\*1/2

where:

English Units	SI units
---------------	----------

asbuilt basin 1 2 and 4.txt

-----  
 Vel = Velocity ft/sec m/sec  
 Q = Channel flow cfs cms  
 A = X-section flow area sq. ft. sq. m.  
 Hd = Hydraulic depth ft m  
 TpW= Top width for flow area ft m  
 g = Acceleration of gravity ft/sec\*\*2 m/sec\*\*2  
 F = Froude No. no units no units  
 (Subcritical: F < 1; Critical: F = 1; Supercritical: F > 1)

S/N:

PondPack Ver:

Compute Time:

Date:

‡

Type... Chn-Trapz.

Page 8.04

Name... CHN-TRAPZ - 1

File... \\serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

Solution to Mannings Open Channel Flow Equation  
 (Computed values are based on normal depth.)

TRAPEZOIDAL CROSS SECTION

Slope = .002000 ft/ft  
 Mannings n = 0.05000  
 Invert Elev. = 573.00 ft  
 Top of Channel = 593.00 ft  
 Base width = 15.00 ft  
 Rt Side slope = 2.000 horizontal : 1 vert.  
 Lt Side slope = 2.000 horizontal : 1 vert.

El ev. (ft)	Depth (ft)	Flow (cfs)	Vel . (ft/sec)	Area (sq. ft)	Top W. (ft)	Wet. P. (ft)	Hd (ft)	Froude No.
573.000	.00	.00	.00	.0000	.00	.00	.00	0.00
573.010	.01	.01	.06	.1503	15.04	15.04	.01	0.11
573.400	.40	4.38	.69	6.3204	16.60	16.79	.38	0.20
573.800	.80	14.11	1.06	13.2798	18.20	18.58	.73	0.22
574.200	1.20	28.22	1.35	20.8802	19.80	20.37	1.05	0.23
574.600	1.60	46.44	1.59	29.1195	21.40	22.16	1.36	0.24
575.000	2.00	68.71	1.81	38.0000	23.00	23.94	1.65	0.25
575.400	2.40	95.06	2.00	47.5206	24.60	25.73	1.93	0.25
575.800	2.80	125.54	2.18	57.6797	26.20	27.52	2.20	0.26
576.200	3.20	160.25	2.34	68.4803	27.80	29.31	2.46	0.26
576.600	3.60	199.28	2.49	79.9193	29.40	31.10	2.72	0.27
577.000	4.00	242.75	2.64	92.0000	31.00	32.89	2.97	0.27
577.400	4.40	290.78	2.78	104.7208	32.60	34.68	3.21	0.27
577.800	4.80	343.48	2.91	118.0796	34.20	36.47	3.45	0.28
578.200	5.20	401.00	3.04	132.0804	35.80	38.26	3.69	0.28
578.600	5.60	463.44	3.16	146.7191	37.40	40.04	3.92	0.28
579.000	6.00	530.95	3.28	162.0000	39.00	41.83	4.15	0.28
579.400	6.40	603.65	3.39	177.9210	40.60	43.62	4.38	0.29
579.800	6.80	681.65	3.50	194.4795	42.20	45.41	4.61	0.29
580.200	7.20	765.10	3.61	211.6805	43.80	47.20	4.83	0.29
580.600	7.60	854.10	3.72	229.5189	45.40	48.99	5.06	0.29
581.000	8.00	948.81	3.83	248.0000	47.00	50.78	5.28	0.29
581.400	8.40	1049.34	3.93	267.1212	48.60	52.57	5.50	0.30
581.800	8.80	1155.80	4.03	286.8794	50.20	54.35	5.71	0.30
582.200	9.20	1268.33	4.13	307.2806	51.80	56.14	5.93	0.30
582.600	9.60	1387.03	4.22	328.3187	53.40	57.93	6.15	0.30
583.000	10.00	1512.05	4.32	350.0000	55.00	59.72	6.36	0.30
583.400	10.40	1643.51	4.41	372.3214	56.60	61.51	6.58	0.30



SOLUTION TO MANNINGS OPEN CHANNEL FLOW EQUATION  
(Computed values are based on normal depth.)

$$Q = (k/n) * A * (R^{2/3}) * (S^{1/2})$$

where:	English Units	SI units
	-----	-----
Q = Channel flow	cfs	cms
k = Mannings constant	1.485919	1.0
n = Mannings n	no units	no units
R = Hydraulic radius, A/WP	ft	m
A = X-section flow area	sq. ft.	sq. m.
WP = Wetted perimeter	ft	m
S = Slope	ft/ft	m/m

ADDITIONAL OUTPUT VARIABLES:

Vel = Q/A  
Hd = A/TpW  
F = Vel / (g \* Hd)\*\*1/2

where:	English Units	SI units
	-----	-----
Vel = Velocity	ft/sec	m/sec
Q = Channel flow	cfs	cms
A = X-section flow area	sq. ft.	sq. m.
Hd = Hydraulic depth	ft	m
TpW= Top width for flow area	ft	m
g = Acceleration of gravity	ft/sec**2	m/sec**2
F = Froude No.	no units	no units
(Subcritical: F < 1; Critical: F = 1; Supercritical: F > 1)		

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Reach E-V-Q Table

Page 9.01

Name... REACH 10

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

MODIFIED PULS REACH DATA

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
Inflow HYG file = NONE STORED - J2 15  
Outflow HYG file = NONE STORED - REACH 10 15

Reach Link Data = REACH 10  
Reach Length = 675.00 ft  
Approx. Total Tt = .0124 hrs (based on Wtd. Q = 75.37 cfs)  
Reach Channel = Chn-Cir - 1 (Chn-Circular)  
Overflow Elev. = 592.16 ft  
Overflow Channel = NONE

No Infiltration

asbuilt basin 1 2 and 4.txt

INITIAL CONDITIONS

-----  
 Starting WS Elev = 587.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
587.00	.00	0	0	.00	.00	.00
587.11	.33	77	1039	.00	.33	1.18
587.22	1.48	215	1455	.00	1.48	3.87
587.33	3.53	393	1763	.00	3.53	7.89
587.44	6.50	601	2014	.00	6.50	13.17
587.55	10.40	835	2227	.00	10.40	19.67
587.66	15.23	1090	2413	.00	15.23	27.34
587.77	20.99	1365	2576	.00	20.99	36.15
587.88	27.65	1656	2722	.00	27.65	46.06
587.99	35.20	1963	2853	.00	35.20	57.01
588.10	43.61	2283	2970	.00	43.61	68.98
588.21	52.86	2616	3076	.00	52.86	81.93
588.32	62.91	2960	3171	.00	62.91	95.79
588.43	73.73	3313	3257	.00	73.73	110.54
588.54	85.28	3676	3334	.00	85.28	126.12
588.65	97.54	4046	3403	.00	97.54	142.50
588.76	110.45	4424	3464	.00	110.45	159.60
588.87	123.98	4808	3517	.00	123.98	177.40
588.98	138.08	5198	3564	.00	138.08	195.83
589.09	152.72	5592	3604	.00	152.72	214.85

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach E-V-Q Table

Page 9.02

Name... REACH 10

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

MODIFIED PULS REACH DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J2 15  
 Outflow HYG file = NONE STORED - REACH 10 15

Reach Link Data = REACH 10  
 Reach Length = 675.00 ft  
 Approx. Total Tt = .0124 hrs (based on Wtd. Q = 75.37 cfs)  
 Reach Channel = Chn-Cir - 1 (Chn-Circular)  
 Overflow Elev. = 592.16 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 587.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs

Starting Total Qout= asbuilt basin 1 2 and 4.txt  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
589.20	167.84	5990	3637	.00	167.84	234.40
589.31	183.40	6392	3665	.00	183.40	254.42
589.42	199.35	6796	3686	.00	199.35	274.86
589.53	215.64	7203	3701	.00	215.64	295.67
589.64	232.22	7610	3710	.00	232.22	316.78
589.75	249.03	8018	3713	.00	249.03	338.12
589.86	266.02	8427	3713	.00	266.02	359.65
589.97	283.13	8834	3713	.00	283.13	381.29
590.08	300.31	9241	3713	.00	300.31	402.99
590.19	317.49	9645	3713	.00	317.49	424.66
590.30	334.61	10047	3713	.00	334.61	446.24
590.41	351.61	10445	3713	.00	351.61	467.66
590.52	368.43	10839	3713	.00	368.43	488.86
590.63	384.97	11229	3713	.00	384.97	509.74
590.74	401.19	11613	3713	.00	401.19	530.22
590.85	416.99	11990	3713	.00	416.99	550.22
590.96	432.31	12361	3713	.00	432.31	569.66
591.07	447.05	12724	3713	.00	447.05	588.42
591.18	461.11	13077	3713	.00	461.11	606.41
591.29	474.41	13421	3713	.00	474.41	623.53

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach E-V-Q Table

Page 9.03

Name... REACH 10

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

MODIFIED PULS REACH DATA

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J2 15  
 Outflow HYG file = NONE STORED - REACH 10 15

Reach Link Data = REACH 10  
 Reach Length = 675.00 ft  
 Approx. Total Tt = .0124 hrs (based on Wtd. Q = 75.37 cfs)  
 Reach Channel = Chn-Cir - 1 (Chn-Circular)  
 Overflow Elev. = 592.16 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 587.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout= .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
591.40	486.84	13754	3713	.00	486.84	639.66



asbuilt basin 1 2 and 4.txt						
591.51	498.26	14074	3713	.00	498.26	654.64
591.62	508.55	14381	3713	.00	508.55	668.33
591.73	517.54	14672	3713	.00	517.54	680.57
591.84	525.05	14947	3713	.00	525.05	691.13
591.95	530.83	15202	3713	.00	530.83	699.74
592.06	534.55	15436	3713	.00	534.55	706.06
592.16	535.76	15626	3713	.00	535.76	709.39

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing Summary

Page 9.04

Name... REACH 10

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

#### MODIFIED PULS REACH ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

Inflow HYG file = NONE STORED - J2 15

Outflow HYG file = NONE STORED - REACH 10 15

Reach Link Data = REACH 10

Reach Length = 675.00 ft

Approx. Total Tt = .0124 hrs (based on Wtd. Q = 75.37 cfs)

Reach Channel = Chn-Cir - 1 (Chn-Circular)

Overflow Elev. = 592.16 ft

Overflow Channel = NONE

No Infiltration

#### INITIAL CONDITIONS

-----  
 Starting WS Elev = 587.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

#### INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====  
 Peak Inflow = 134.18 cfs at 12.6000 hrs  
 Peak Outflow = 134.18 cfs at 12.6500 hrs  
 =====

#### MASS BALANCE (cu. ft)

-----  
 + Initial Vol = 0  
 + HYG Vol IN = 1883215  
 - Infiltration = 0  
 - HYG Vol OUT = 1883217  
 - Retained Vol = 0  
 -----  
 Unrouted Vol = 2 cu. ft (.000% of Outflow Volume)

WARNING: For weighted average inflow, the approximate total travel time through entire reach is shorter than the inflow hydrograph time step. Consider reducing

asbuilt basin 1 2 and 4.txt

calculation time step.  
Wtd. Avg. Q = 75.37 cfs

Approx. Total Tt = .0124 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Reach Routing (HYG output)

Page 9.05

Name... REACH 10

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

POND ROUTED TOTAL OUTFLOW HYG...

HYG file =

HYG ID = REACH 10

HYG Tag = 15

-----  
Peak Discharge = 134.18 cfs

Time to Peak = 12.6500 hrs

HYG Volume = 1883217 cu. ft  
-----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
3. 9000	.00	.00	.00	.00	.00
4. 1500	.01	.01	.01	.02	.02
4. 4000	.03	.03	.04	.05	.05
4. 6500	.06	.07	.08	.09	.11
4. 9000	.12	.13	.14	.16	.17
5. 1500	.19	.21	.22	.24	.26
5. 4000	.28	.30	.32	.35	.38
5. 6500	.41	.43	.46	.49	.51
5. 9000	.54	.57	.60	.63	.66
6. 1500	.70	.73	.76	.80	.83
6. 4000	.87	.91	.95	.98	1.02
6. 6500	1.06	1.10	1.14	1.19	1.23
6. 9000	1.27	1.32	1.36	1.41	1.48
7. 1500	1.58	1.66	1.74	1.83	1.91
7. 4000	2.00	2.08	2.16	2.25	2.33
7. 6500	2.42	2.50	2.58	2.67	2.75
7. 9000	2.84	2.92	3.01	3.09	3.18
8. 1500	3.26	3.35	3.44	3.53	3.62
8. 4000	3.72	3.81	3.91	4.01	4.13
8. 6500	4.27	4.41	4.55	4.69	4.84
8. 9000	4.99	5.14	5.30	5.47	5.63
9. 1500	5.80	5.97	6.14	6.32	6.50
9. 4000	6.68	6.86	7.03	7.18	7.35
9. 6500	7.54	7.74	7.93	8.13	8.32
9. 9000	8.52	8.72	8.93	9.15	9.37
10. 1500	9.60	9.83	10.08	10.33	10.60
10. 4000	10.88	11.17	11.48	11.83	12.20
10. 6500	12.58	12.98	13.39	13.82	14.27
10. 9000	14.74	15.23	15.75	16.33	16.95
11. 1500	17.60	18.28	19.00	19.76	20.58
11. 4000	21.50	22.51	23.59	24.77	26.10

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Reach Routing (HYG output)

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asbuilt basin 1 2 and 4.txt

Name... REACH 10 Tag: 15 Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
11. 6500	27. 73	29. 84	32. 74	36. 96	43. 17
11. 9000	52. 26	65. 21	79. 38	89. 72	97. 31
12. 1500	104. 77	111. 61	117. 52	122. 37	126. 19
12. 4000	129. 09	131. 19	132. 64	133. 55	134. 04
12. 6500	134. 18	134. 05	133. 70	133. 15	132. 45
12. 9000	131. 62	130. 68	129. 65	128. 54	127. 37
13. 1500	126. 14	124. 87	123. 56	122. 20	120. 81
13. 4000	119. 39	117. 95	116. 47	114. 98	113. 47
13. 6500	111. 94	110. 38	108. 82	107. 24	105. 64
13. 9000	104. 03	102. 40	100. 76	99. 11	97. 43
14. 1500	95. 75	94. 06	92. 35	90. 63	88. 90
14. 4000	87. 17	85. 42	83. 68	80. 61	76. 13
14. 6500	71. 76	67. 75	64. 10	60. 76	57. 72
14. 9000	54. 95	52. 38	50. 04	47. 88	45. 87
15. 1500	44. 03	42. 34	40. 76	39. 27	37. 90
15. 4000	36. 64	35. 46	34. 34	33. 28	32. 29
15. 6500	31. 37	30. 52	29. 70	28. 92	28. 18
15. 9000	27. 48	26. 80	26. 17	25. 58	25. 02
16. 1500	24. 48	23. 96	23. 46	22. 98	22. 51
16. 4000	22. 07	21. 64	21. 24	20. 86	20. 50
16. 6500	20. 17	19. 85	19. 55	19. 25	18. 97
16. 9000	18. 70	18. 44	18. 19	17. 94	17. 71
17. 1500	17. 49	17. 27	17. 06	16. 86	16. 67
17. 4000	16. 48	16. 30	16. 12	15. 95	15. 80
17. 6500	15. 65	15. 51	15. 37	15. 23	15. 09
17. 9000	14. 96	14. 83	14. 71	14. 58	14. 46
18. 1500	14. 34	14. 22	14. 11	13. 99	13. 88
18. 4000	13. 77	13. 66	13. 55	13. 45	13. 34
18. 6500	13. 24	13. 14	13. 03	12. 93	12. 84
18. 9000	12. 74	12. 64	12. 54	12. 45	12. 35
19. 1500	12. 26	12. 17	12. 07	11. 98	11. 89
19. 4000	11. 80	11. 71	11. 62	11. 53	11. 44
19. 6500	11. 35	11. 27	11. 20	11. 12	11. 04
19. 9000	10. 96	10. 88	10. 80	10. 72	10. 64
20. 1500	10. 56	10. 48	10. 40	10. 33	10. 25
20. 4000	10. 17	10. 10	10. 03	9. 96	9. 89
20. 6500	9. 82	9. 76	9. 69	9. 63	9. 57
20. 9000	9. 52	9. 46	9. 41	9. 36	9. 31
21. 1500	9. 26	9. 21	9. 16	9. 12	9. 08
21. 4000	9. 03	8. 99	8. 95	8. 91	8. 88
21. 6500	8. 84	8. 81	8. 77	8. 74	8. 70
21. 9000	8. 67	8. 64	8. 61	8. 58	8. 55
22. 1500	8. 52	8. 49	8. 47	8. 44	8. 41
22. 4000	8. 39	8. 36	8. 33	8. 31	8. 29
22. 6500	8. 26	8. 24	8. 21	8. 19	8. 17

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.07

Name... REACH 10 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

asbuilt basin 1 2 and 4.txt

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

---

Time hrs					
22. 9000	8.15	8.12	8.10	8.08	8.06
23. 1500	8.04	8.02	8.00	7.98	7.96
23. 4000	7.94	7.92	7.90	7.88	7.86
23. 6500	7.84	7.82	7.80	7.78	7.76
23. 9000	7.75	7.73	7.71	7.69	7.66
24. 1500	7.63	7.57	7.48	7.37	7.24
24. 4000	7.08	6.88	6.69	6.48	6.29
24. 6500	6.08	5.87	5.66	5.45	5.25
24. 9000	5.06	4.86	4.68	4.50	4.33
25. 1500	4.16	4.01	3.88	3.76	3.65
25. 4000	3.54	3.44	3.33	3.23	3.13
25. 6500	3.04	2.94	2.85	2.77	2.68
25. 9000	2.60	2.52	2.44	2.37	2.29
26. 1500	2.22	2.15	2.09	2.02	1.96
26. 4000	1.90	1.84	1.79	1.73	1.68
26. 6500	1.63	1.58	1.53	1.48	1.44
26. 9000	1.41	1.39	1.36	1.34	1.32
27. 1500	1.29	1.27	1.25	1.23	1.21
27. 4000	1.19	1.17	1.15	1.13	1.11
27. 6500	1.09	1.07	1.05	1.03	1.02
27. 9000	1.00	.98	.97	.95	.93
28. 1500	.92	.90	.89	.87	.86
28. 4000	.84	.83	.81	.80	.79
28. 6500	.77	.76	.75	.73	.72
28. 9000	.71	.70	.68	.67	.66
29. 1500	.65	.64	.63	.62	.61
29. 4000	.60	.59	.58	.57	.56
29. 6500	.55	.54	.53	.52	.51
29. 9000	.50	.49	.48	.48	.47
30. 1500	.46	.45	.44	.44	.43
30. 4000	.42	.42	.41	.40	.39
30. 6500	.39	.38	.37	.37	.36
30. 9000	.36	.35	.34	.34	.33
31. 1500	.33	.32	.32	.31	.31
31. 4000	.30	.30	.29	.29	.28
31. 6500	.28	.27	.27	.26	.26
31. 9000	.25	.25	.25	.24	.24
32. 1500	.23	.23	.23	.22	.22
32. 4000	.21	.21	.21	.20	.20
32. 6500	.20	.19	.19	.19	.18
32. 9000	.18	.18	.17	.17	.17
33. 1500	.17	.16	.16	.16	.15
33. 4000	.15	.15	.15	.14	.14
33. 6500	.14	.14	.13	.13	.13
33. 9000	.13	.13	.12	.12	.12

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9.08

Name... REACH 10 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Time hrs | Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

asbuilt basin 1 2 and 4.txt

34. 1500	.12	.12	.11	.11	.11
34. 4000	.11	.11	.10	.10	.10
34. 6500	.10	.10	.10	.09	.09
34. 9000	.09	.09	.09	.09	.08
35. 1500	.08	.08	.08	.08	.08
35. 4000	.08	.08	.07	.07	.07
35. 6500	.07	.07	.07	.07	.07
35. 9000	.06	.06	.06	.06	.06
36. 1500	.06	.06	.06	.06	.06
36. 4000	.05	.05	.05	.05	.05
36. 6500	.05	.05	.05	.05	.05
36. 9000	.05	.04	.04	.04	.04
37. 1500	.04	.04	.04	.04	.04
37. 4000	.04	.04	.04	.04	.04
37. 6500	.04	.03	.03	.03	.03
37. 9000	.03	.03	.03	.03	.03
38. 1500	.03	.03	.03	.03	.03
38. 4000	.03	.03	.03	.03	.03
38. 6500	.02	.02	.02	.02	.02
38. 9000	.02	.02	.02	.02	.02
39. 1500	.02	.02	.02	.02	.02
39. 4000	.02	.02	.02	.02	.02
39. 6500	.02	.02	.02	.02	.02
39. 9000	.02	.02	.02	.02	.02
40. 1500	.01	.01	.01	.01	.01
40. 4000	.01	.01	.01	.01	.01
40. 6500	.01	.01	.01	.01	.01
40. 9000	.01	.01	.01	.01	.01
41. 1500	.01	.01	.01	.01	.01
41. 4000	.01	.01	.01	.01	.01
41. 6500	.01	.01	.01	.01	.01
41. 9000	.01	.01	.01	.01	.01
42. 1500	.01	.01	.01	.01	.01
42. 4000	.01	.01	.01	.01	.01
42. 6500	.01	.01	.01	.01	.01
42. 9000	.01	.01	.01	.01	.01
43. 1500	.01	.01	.01	.01	.00
43. 4000	.00	.00	.00	.00	.00
43. 6500	.00	.00	.00	.00	.00
43. 9000	.00	.00	.00	.00	.00
44. 1500	.00	.00	.00	.00	.00
44. 4000	.00	.00	.00	.00	.00
44. 6500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing Summary

Page 9.09

Name... REACH 10 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

MODIFIED PULS REACH ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J2 25  
 Outflow HYG file = NONE STORED - REACH 10 25

Reach Link Data = REACH 10  
 Reach Length = 675.00 ft  
 Approx. Total Tt = .0122 hrs (based on Wtd.Q = 80.77 cfs)

asbuilt basin 1 2 and 4.txt

Reach Channel = Chn-Cir - 1 (Chn-Circular)  
 Overflow Elev. = 592.16 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

```
-----
Starting WS Elev = 587.00 ft
Starting Volume = 0 cu. ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout = .00 cfs
Time Increment = .0500 hrs
```

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

```
=====
Peak Inflow = 142.14 cfs at 12.6500 hrs
Peak Outflow = 142.09 cfs at 12.6500 hrs
=====
```

MASS BALANCE (cu. ft)

```
-----
+ Initial Vol = 0
+ HYG Vol IN = 2110362
- Infiltration = 0
- HYG Vol OUT = 2110363
- Retained Vol = 0
-----
Unrouted Vol = 1 cu. ft (.000% of Outflow Volume)
```

WARNING: For weighted average inflow, the approximate total travel time through entire reach is shorter than the inflow hydrograph time step. Consider reducing calculation time step.  
 Wtd. Avg. Q = 80.77 cfs Approx. Total Tt = .0122 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.10

Name... REACH 10 Tag: 25

Event: 25 yr

File... \\serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

POND ROUTED TOTAL OUTFLOW HYG...

```
HYG file =
HYG ID = REACH 10
HYG Tag = 25
-----
```

```
Peak Discharge = 142.09 cfs
Time to Peak = 12.6500 hrs
HYG Volume = 2110363 cu. ft
-----
```

HYDROGRAPH ORDINATES (cfs)

Time | Output Time increment = .0500 hrs  
 hrs | Time on left represents time for first value in each row.

asbuilt basin 1 2 and 4.txt

3. 6000	.00	.00	.00	.00	.00
3. 8500	.01	.01	.01	.02	.02
4. 1000	.03	.03	.04	.05	.06
4. 3500	.07	.08	.09	.10	.11
4. 6000	.13	.14	.16	.17	.19
4. 8500	.21	.22	.24	.26	.28
5. 1000	.31	.33	.36	.39	.42
5. 3500	.45	.47	.50	.53	.56
5. 6000	.60	.63	.66	.70	.73
5. 8500	.77	.80	.84	.88	.92
6. 1000	.96	1.00	1.04	1.08	1.13
6. 3500	1.17	1.22	1.26	1.31	1.36
6. 6000	1.41	1.48	1.58	1.67	1.76
6. 8500	1.85	1.94	2.03	2.12	2.21
7. 1000	2.30	2.39	2.48	2.57	2.66
7. 3500	2.75	2.84	2.93	3.02	3.11
7. 6000	3.21	3.30	3.39	3.48	3.58
7. 8500	3.68	3.77	3.86	3.96	4.06
8. 1000	4.17	4.29	4.41	4.53	4.65
8. 3500	4.78	4.90	5.03	5.16	5.29
8. 6000	5.43	5.57	5.71	5.86	6.02
8. 8500	6.18	6.34	6.51	6.69	6.86
9. 1000	7.04	7.20	7.39	7.61	7.83
9. 3500	8.06	8.28	8.50	8.72	8.93
9. 6000	9.15	9.36	9.56	9.77	9.97
9. 8500	10.18	10.39	10.61	10.83	11.06
10. 1000	11.30	11.57	11.86	12.15	12.46
10. 3500	12.78	13.12	13.47	13.83	14.21
10. 6000	14.61	15.02	15.45	15.91	16.42
10. 8500	16.96	17.52	18.11	18.72	19.37
11. 1000	20.05	20.76	21.55	22.40	23.30

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.11

Name... REACH 10

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
11. 3500	24.26	25.29	26.42	27.67	29.04
11. 6000	30.58	32.45	34.88	38.25	43.14
11. 8500	50.35	60.86	75.11	86.81	94.46
12. 1000	102.54	110.45	117.70	123.96	129.12
12. 3500	133.20	136.31	138.59	140.19	141.24
12. 6000	141.84	142.09	142.06	141.79	141.33
12. 8500	140.70	139.95	139.08	138.11	137.08
13. 1000	135.97	134.80	133.59	132.33	131.03
13. 3500	129.70	128.34	126.95	125.53	124.08
13. 6000	122.62	121.14	119.64	118.12	116.58
13. 8500	115.03	113.47	111.90	110.30	108.70
14. 1000	107.08	105.46	103.81	102.16	100.49
14. 3500	98.81	97.12	95.42	93.72	92.01
14. 6000	90.29	88.58	86.86	85.12	83.40
14. 8500	80.14	75.51	71.25	67.35	63.80
15. 1000	60.55	57.58	54.88	52.38	50.09
15. 3500	47.98	46.01	44.20	42.55	40.99

asbuilt basin 1 2 and 4.txt

15. 6000	39.53	38.18	36.93	35.76	34.65
15. 8500	33.60	32.61	31.70	30.84	30.03
16. 1000	29.26	28.52	27.81	27.13	26.49
16. 3500	25.90	25.35	24.82	24.31	23.83
16. 6000	23.37	22.93	22.51	22.11	21.72
16. 8500	21.36	21.01	20.69	20.40	20.11
17. 1000	19.84	19.58	19.32	19.08	18.84
17. 3500	18.61	18.39	18.18	17.98	17.78
17. 6000	17.59	17.40	17.22	17.04	16.87
17. 8500	16.70	16.54	16.38	16.23	16.08
18. 1000	15.94	15.80	15.67	15.55	15.42
18. 3500	15.30	15.18	15.06	14.94	14.82
18. 6000	14.71	14.59	14.48	14.37	14.26
18. 8500	14.15	14.04	13.94	13.83	13.73
19. 1000	13.62	13.52	13.41	13.31	13.21
19. 3500	13.11	13.01	12.91	12.81	12.71
19. 6000	12.61	12.52	12.42	12.32	12.23
19. 8500	12.13	12.03	11.94	11.84	11.75
20. 1000	11.66	11.56	11.47	11.38	11.29
20. 3500	11.21	11.13	11.06	10.98	10.91
20. 6000	10.83	10.76	10.70	10.63	10.56
20. 8500	10.50	10.44	10.38	10.33	10.27
21. 1000	10.22	10.17	10.12	10.07	10.02
21. 3500	9.97	9.93	9.89	9.84	9.80
21. 6000	9.76	9.72	9.69	9.65	9.61
21. 8500	9.58	9.54	9.51	9.48	9.44
22. 1000	9.41	9.38	9.35	9.32	9.29
22. 3500	9.26	9.23	9.21	9.18	9.15

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.12

Name... REACH 10 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
22. 6000	9.13	9.10	9.07	9.05	9.02
22. 8500	9.00	8.98	8.95	8.93	8.90
23. 1000	8.88	8.86	8.84	8.81	8.79
23. 3500	8.77	8.75	8.73	8.70	8.68
23. 6000	8.66	8.64	8.62	8.60	8.58
23. 8500	8.56	8.54	8.52	8.50	8.48
24. 1000	8.45	8.41	8.34	8.25	8.12
24. 3500	7.95	7.75	7.53	7.30	7.08
24. 6000	6.82	6.59	6.37	6.15	5.93
24. 8500	5.71	5.50	5.29	5.09	4.90
25. 1000	4.71	4.53	4.35	4.18	4.03
25. 3500	3.90	3.78	3.66	3.55	3.45
25. 6000	3.34	3.24	3.14	3.05	2.95
25. 8500	2.86	2.77	2.69	2.61	2.53
26. 1000	2.45	2.37	2.30	2.23	2.16
26. 3500	2.09	2.03	1.97	1.91	1.85
26. 6000	1.79	1.74	1.68	1.63	1.58
26. 8500	1.53	1.49	1.45	1.41	1.39
27. 1000	1.36	1.34	1.32	1.30	1.27
27. 3500	1.25	1.23	1.21	1.19	1.17
27. 6000	1.15	1.13	1.11	1.09	1.07



asbuilt basin 1 2 and 4.txt

27. 8500	1.05	1.04	1.02	1.00	.98
28. 1000	.97	.95	.93	.92	.90
28. 3500	.89	.87	.86	.84	.83
28. 6000	.81	.80	.79	.77	.76
28. 8500	.75	.73	.72	.71	.70
29. 1000	.69	.67	.66	.65	.64
29. 3500	.63	.62	.61	.60	.59
29. 6000	.58	.57	.56	.55	.54
29. 8500	.53	.52	.51	.50	.49
30. 1000	.49	.48	.47	.46	.45
30. 3500	.45	.44	.43	.42	.42
30. 6000	.41	.40	.40	.39	.38
30. 8500	.38	.37	.36	.36	.35
31. 1000	.34	.34	.33	.33	.32
31. 3500	.32	.31	.31	.30	.30
31. 6000	.29	.29	.28	.28	.27
31. 8500	.27	.26	.26	.26	.25
32. 1000	.25	.24	.24	.23	.23
32. 3500	.23	.22	.22	.21	.21
32. 6000	.21	.20	.20	.20	.19
32. 8500	.19	.19	.18	.18	.18
33. 1000	.17	.17	.17	.17	.16
33. 3500	.16	.16	.15	.15	.15
33. 6000	.15	.14	.14	.14	.14

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.13

Name... REACH 10

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
33. 8500	.14	.13	.13	.13	.13
34. 1000	.12	.12	.12	.12	.12
34. 3500	.11	.11	.11	.11	.11
34. 6000	.10	.10	.10	.10	.10
34. 8500	.10	.09	.09	.09	.09
35. 1000	.09	.09	.08	.08	.08
35. 3500	.08	.08	.08	.08	.08
35. 6000	.07	.07	.07	.07	.07
35. 8500	.07	.07	.07	.06	.06
36. 1000	.06	.06	.06	.06	.06
36. 3500	.06	.06	.06	.05	.05
36. 6000	.05	.05	.05	.05	.05
36. 8500	.05	.05	.05	.05	.04
37. 1000	.04	.04	.04	.04	.04
37. 3500	.04	.04	.04	.04	.04
37. 6000	.04	.04	.04	.04	.03
37. 8500	.03	.03	.03	.03	.03
38. 1000	.03	.03	.03	.03	.03
38. 3500	.03	.03	.03	.03	.03
38. 6000	.03	.03	.03	.02	.02
38. 8500	.02	.02	.02	.02	.02
39. 1000	.02	.02	.02	.02	.02
39. 3500	.02	.02	.02	.02	.02
39. 6000	.02	.02	.02	.02	.02
39. 8500	.02	.02	.02	.02	.02

asbuilt basin 1 2 and 4.txt

40. 1000	.02	.02	.02	.01	.01
40. 3500	.01	.01	.01	.01	.01
40. 6000	.01	.01	.01	.01	.01
40. 8500	.01	.01	.01	.01	.01
41. 1000	.01	.01	.01	.01	.01
41. 3500	.01	.01	.01	.01	.01
41. 6000	.01	.01	.01	.01	.01
41. 8500	.01	.01	.01	.01	.01
42. 1000	.01	.01	.01	.01	.01
42. 3500	.01	.01	.01	.01	.01
42. 6000	.01	.01	.01	.01	.01
42. 8500	.01	.01	.01	.01	.01
43. 1000	.01	.01	.01	.01	.01
43. 3500	.01	.01	.00	.00	.00
43. 6000	.00	.00	.00	.00	.00
43. 8500	.00	.00	.00	.00	.00
44. 1000	.00	.00	.00	.00	.00
44. 3500	.00	.00	.00	.00	.00
44. 6000	.00	.00	.00	.00	.00
44. 8500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing Summary

Page 9.14

Name... REACH 10 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 100

MODIFIED PULS REACH ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J2 100  
 Outflow HYG file = NONE STORED - REACH 10 100

Reach Link Data = REACH 10  
 Reach Length = 675.00 ft  
 Approx. Total Tt = .0117 hrs (based on Wtd. Q = 93.45 cfs)  
 Reach Channel = Chn-Cir - 1 (Chn-Circular)  
 Overflow Elev. = 592.16 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 587.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====  
 Peak Inflow = 160.71 cfs at 12.7000 hrs  
 Peak Outflow = 160.68 cfs at 12.7000 hrs  
 =====

MASS BALANCE (cu. ft)



asbuilt basin 1 2 and 4.txt

8. 7500	9. 44	9. 65	9. 86	10. 09	10. 32
9. 0000	10. 55	10. 80	11. 04	11. 30	11. 58
9. 2500	11. 87	12. 17	12. 46	12. 76	13. 05
9. 5000	13. 33	13. 61	13. 89	14. 16	14. 42
9. 7500	14. 68	14. 95	15. 21	15. 48	15. 76
10. 0000	16. 06	16. 39	16. 73	17. 08	17. 44
10. 2500	17. 82	18. 22	18. 64	19. 07	19. 52
10. 5000	20. 00	20. 50	21. 04	21. 62	22. 22

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9. 16

Name... REACH 10

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
10. 7500	22. 86	23. 53	24. 22	24. 95	25. 72
11. 0000	26. 54	27. 44	28. 38	29. 36	30. 40
11. 2500	31. 49	32. 69	34. 00	35. 41	36. 93
11. 5000	38. 58	40. 43	42. 51	45. 03	48. 34
11. 7500	52. 94	59. 66	69. 53	80. 56	89. 29
12. 0000	97. 07	105. 83	114. 98	123. 93	132. 11
12. 2500	139. 18	145. 00	149. 63	153. 21	155. 88
12. 5000	157. 81	159. 14	160. 01	160. 50	160. 68
12. 7500	160. 62	160. 34	159. 90	159. 31	158. 61
13. 0000	157. 81	156. 93	155. 97	154. 96	153. 89
13. 2500	152. 78	151. 62	150. 43	149. 20	147. 94
13. 5000	146. 65	145. 34	144. 00	142. 64	141. 26
13. 7500	139. 87	138. 45	137. 02	135. 57	134. 11
14. 0000	132. 63	131. 13	129. 62	128. 10	126. 56
14. 2500	125. 02	123. 46	121. 88	120. 30	118. 71
14. 5000	117. 12	115. 52	113. 91	112. 30	110. 68
14. 7500	109. 06	107. 43	105. 80	104. 16	102. 52
15. 0000	100. 87	99. 22	97. 56	95. 90	94. 23
15. 2500	92. 56	90. 88	89. 21	87. 52	85. 84
15. 5000	84. 16	81. 67	77. 75	73. 41	69. 42
15. 7500	65. 78	62. 46	59. 42	56. 63	54. 06
16. 0000	51. 70	49. 53	47. 51	45. 63	43. 90
16. 2500	42. 31	40. 81	39. 40	38. 10	36. 90
16. 5000	35. 79	34. 73	33. 74	32. 81	31. 95
16. 7500	31. 16	30. 41	29. 71	29. 05	28. 42
17. 0000	27. 82	27. 26	26. 72	26. 22	25. 77
17. 2500	25. 33	24. 92	24. 52	24. 14	23. 78
17. 5000	23. 44	23. 10	22. 78	22. 48	22. 18
17. 7500	21. 90	21. 63	21. 36	21. 11	20. 87
18. 0000	20. 65	20. 44	20. 23	20. 02	19. 83
18. 2500	19. 63	19. 45	19. 26	19. 08	18. 91
18. 5000	18. 74	18. 57	18. 40	18. 24	18. 08
18. 7500	17. 93	17. 77	17. 62	17. 47	17. 32
19. 0000	17. 18	17. 04	16. 90	16. 76	16. 62
19. 2500	16. 48	16. 35	16. 21	16. 08	15. 95
19. 5000	15. 83	15. 71	15. 59	15. 47	15. 36
19. 7500	15. 24	15. 12	15. 01	14. 89	14. 78
20. 0000	14. 66	14. 54	14. 43	14. 32	14. 20
20. 2500	14. 09	13. 98	13. 87	13. 76	13. 65
20. 5000	13. 55	13. 45	13. 36	13. 26	13. 17
20. 7500	13. 09	13. 00	12. 92	12. 84	12. 77

asbuilt basin 1 2 and 4.txt

21. 0000	12. 69	12. 62	12. 56	12. 49	12. 43
21. 2500	12. 37	12. 31	12. 25	12. 19	12. 14
21. 5000	12. 09	12. 04	11. 99	11. 94	11. 89
21. 7500	11. 85	11. 81	11. 76	11. 72	11. 68

S/N:

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Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9.17

Name... REACH 10 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
22. 0000	11. 64	11. 60	11. 56	11. 53	11. 49
22. 2500	11. 45	11. 42	11. 39	11. 35	11. 33
22. 5000	11. 30	11. 27	11. 24	11. 21	11. 18
22. 7500	11. 15	11. 13	11. 10	11. 07	11. 05
23. 0000	11. 02	10. 99	10. 97	10. 94	10. 91
23. 2500	10. 89	10. 86	10. 84	10. 81	10. 79
23. 5000	10. 76	10. 74	10. 71	10. 69	10. 66
23. 7500	10. 64	10. 62	10. 59	10. 57	10. 54
24. 0000	10. 52	10. 49	10. 46	10. 41	10. 33
24. 2500	10. 21	10. 05	9. 85	9. 60	9. 33
24. 5000	9. 03	8. 71	8. 39	8. 06	7. 74
24. 7500	7. 43	7. 15	6. 86	6. 59	6. 35
25. 0000	6. 11	5. 88	5. 65	5. 44	5. 22
25. 2500	5. 02	4. 83	4. 64	4. 46	4. 28
25. 5000	4. 11	3. 97	3. 85	3. 73	3. 61
25. 7500	3. 51	3. 41	3. 30	3. 20	3. 10
26. 0000	3. 01	2. 91	2. 82	2. 74	2. 65
26. 2500	2. 57	2. 49	2. 42	2. 34	2. 27
26. 5000	2. 20	2. 13	2. 07	2. 00	1. 94
26. 7500	1. 88	1. 82	1. 77	1. 71	1. 66
27. 0000	1. 61	1. 56	1. 51	1. 47	1. 43
27. 2500	1. 40	1. 38	1. 35	1. 33	1. 31
27. 5000	1. 29	1. 26	1. 24	1. 22	1. 20
27. 7500	1. 18	1. 16	1. 14	1. 12	1. 10
28. 0000	1. 08	1. 06	1. 05	1. 03	1. 01
28. 2500	. 99	. 98	. 96	. 94	. 93
28. 5000	. 91	. 90	. 88	. 87	. 85
28. 7500	. 84	. 82	. 81	. 79	. 78
29. 0000	. 77	. 75	. 74	. 73	. 72
29. 2500	. 70	. 69	. 68	. 67	. 66
29. 5000	. 65	. 64	. 62	. 61	. 60
29. 7500	. 59	. 58	. 57	. 56	. 55
30. 0000	. 54	. 53	. 53	. 52	. 51
30. 2500	. 50	. 49	. 48	. 47	. 47
30. 5000	. 46	. 45	. 44	. 43	. 43
30. 7500	. 42	. 41	. 41	. 40	. 39
31. 0000	. 39	. 38	. 37	. 37	. 36
31. 2500	. 35	. 35	. 34	. 34	. 33
31. 5000	. 33	. 32	. 32	. 31	. 31
31. 7500	. 30	. 30	. 29	. 29	. 28
32. 0000	. 28	. 27	. 27	. 26	. 26
32. 2500	. 25	. 25	. 24	. 24	. 24
32. 5000	. 23	. 23	. 22	. 22	. 22
32. 7500	. 21	. 21	. 21	. 20	. 20
33. 0000	. 20	. 19	. 19	. 19	. 18

asbuilt basin 1 2 and 4.txt

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Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9.18

Name... REACH 10 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
33.2500	.18	.18	.17	.17	.17
33.5000	.16	.16	.16	.16	.15
33.7500	.15	.15	.15	.14	.14
34.0000	.14	.14	.13	.13	.13
34.2500	.13	.13	.12	.12	.12
34.5000	.12	.11	.11	.11	.11
34.7500	.11	.11	.10	.10	.10
35.0000	.10	.10	.09	.09	.09
35.2500	.09	.09	.09	.09	.08
35.5000	.08	.08	.08	.08	.08
35.7500	.08	.07	.07	.07	.07
36.0000	.07	.07	.07	.07	.07
36.2500	.06	.06	.06	.06	.06
36.5000	.06	.06	.06	.06	.05
36.7500	.05	.05	.05	.05	.05
37.0000	.05	.05	.05	.05	.05
37.2500	.05	.04	.04	.04	.04
37.5000	.04	.04	.04	.04	.04
37.7500	.04	.04	.04	.04	.04
38.0000	.04	.03	.03	.03	.03
38.2500	.03	.03	.03	.03	.03
38.5000	.03	.03	.03	.03	.03
38.7500	.03	.03	.03	.03	.03
39.0000	.02	.02	.02	.02	.02
39.2500	.02	.02	.02	.02	.02
39.5000	.02	.02	.02	.02	.02
39.7500	.02	.02	.02	.02	.02
40.0000	.02	.02	.02	.02	.02
40.2500	.02	.02	.02	.02	.02
40.5000	.01	.01	.01	.01	.01
40.7500	.01	.01	.01	.01	.01
41.0000	.01	.01	.01	.01	.01
41.2500	.01	.01	.01	.01	.01
41.5000	.01	.01	.01	.01	.01
41.7500	.01	.01	.01	.01	.01
42.0000	.01	.01	.01	.01	.01
42.2500	.01	.01	.01	.01	.01
42.5000	.01	.01	.01	.01	.01
42.7500	.01	.01	.01	.01	.01
43.0000	.01	.01	.01	.01	.01
43.2500	.01	.01	.01	.01	.01
43.5000	.01	.01	.01	.01	.00
43.7500	.00	.00	.00	.00	.00
44.0000	.00	.00	.00	.00	.00
44.2500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

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4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
44.5000	.00	.00	.00	.00	.00
44.7500	.00	.00	.00	.00	.00
45.0000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach E-V-Q Table

Name... REACH 20

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

MODIFIED PULS REACH DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
Inflow HYG file = NONE STORED - J3 15  
Outflow HYG file = NONE STORED - REACH 20 15

Reach Link Data = REACH 20  
Reach Length = 1650.00 ft  
Approx. Total Tt = .1450 hrs (based on Wtd. Q = 464.45 cfs)  
Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
Overflow Elev. = 593.00 ft  
Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 573.00 ft  
Starting Volume = 0 cu. ft  
Starting Outflow = .00 cfs  
Starting Infiltr. = .00 cfs  
Starting Total Qout = .00 cfs  
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
573.00	.00	0	0	.00	.00	.00
573.01	.01	248	24816	.00	.01	2.77
573.40	4.38	10429	27390	.00	4.38	120.25
573.80	14.11	21912	30030	.00	14.11	257.57
574.20	28.22	34452	32670	.00	28.22	411.02
574.60	46.44	48047	35310	.00	46.44	580.29
575.00	68.71	62700	37950	.00	68.71	765.38
575.40	95.06	78409	40590	.00	95.06	966.27
575.80	125.54	95171	43230	.00	125.54	1183.00
576.20	160.25	112993	45870	.00	160.25	1415.72
576.60	199.28	131867	48510	.00	199.28	1664.46
577.00	242.75	151800	51150	.00	242.75	1929.42
577.40	290.78	172789	53790	.00	290.78	2210.66
577.80	343.48	194831	56430	.00	343.48	2508.28

asbuilt basin 1 2 and 4.txt

578. 20	401. 00	217933	59070	. 00	401. 00	2822. 48
578. 60	463. 44	242087	61710	. 00	463. 44	3153. 29
579. 00	530. 95	267300	64350	. 00	530. 95	3500. 95
579. 40	603. 65	293570	66990	. 00	603. 65	3865. 53
579. 80	681. 65	320891	69630	. 00	681. 65	4247. 10
580. 20	765. 10	349273	72270	. 00	765. 10	4645. 91

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PondPack Ver:

Compute Time:

Date:

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Type.... Reach E-V-Q Table

Page 9. 21

Name.... REACH 20

File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

MODIFIED PULS REACH DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J3 15  
 Outflow HYG file = NONE STORED - REACH 20 15

Reach Link Data = REACH 20  
 Reach Length = 1650.00 ft  
 Approx. Total Tt = .1450 hrs (based on Wtd. Q = 464.45 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 573.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
580. 60	854. 10	378706	74910	. 00	854. 10	5061. 95
581. 00	948. 81	409200	77550	. 00	948. 81	5495. 48
581. 40	1049. 34	440750	80190	. 00	1049. 34	5946. 56
581. 80	1155. 80	473351	82830	. 00	1155. 80	6415. 25
582. 20	1268. 33	507013	85470	. 00	1268. 33	6901. 81
582. 60	1387. 03	541726	88110	. 00	1387. 03	7406. 20
583. 00	1512. 05	577500	90750	. 00	1512. 05	7928. 72
583. 40	1643. 51	614330	93390	. 00	1643. 51	8469. 40
583. 80	1781. 49	652211	96030	. 00	1781. 49	9028. 27
584. 20	1926. 15	691153	98670	. 00	1926. 15	9605. 63
584. 60	2077. 58	731146	101310	. 00	2077. 58	10201. 42
585. 00	2235. 92	772200	103950	. 00	2235. 92	10815. 92
585. 40	2401. 29	814311	106590	. 00	2401. 29	11449. 18
585. 80	2573. 76	857471	109230	. 00	2573. 76	12101. 21
586. 20	2753. 50	901693	111870	. 00	2753. 50	12772. 31
586. 60	2940. 57	946965	114510	. 00	2940. 57	13462. 40
587. 00	3135. 13	993300	117150	. 00	3135. 13	14171. 80
587. 40	3337. 29	1040691	119790	. 00	3337. 29	14900. 52
587. 80	3547. 10	1089131	122430	. 00	3547. 10	15648. 55
588. 20	3764. 76	1138634	125070	. 00	3764. 76	16416. 24



S/N:  
 PondPack Ver: Compute Time: Date:

♀

Type... Reach E-V-Q Table Page 9.22

Name... REACH 20

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

MODIFIED PULS REACH DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J3 15  
 Outflow HYG file = NONE STORED - REACH 20 15

Reach Link Data = REACH 20  
 Reach Length = 1650.00 ft  
 Approx. Total Tt = .1450 hrs (based on Wtd.Q = 464.45 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 573.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
588.60	3990.29	1189185	127710	.00	3990.29	17203.45
589.00	4223.88	1240800	130350	.00	4223.88	18010.54
589.40	4465.60	1293471	132990	.00	4465.60	18837.50
589.80	4715.52	1347190	135630	.00	4715.52	19684.30
590.20	4973.83	1401974	138270	.00	4973.83	20551.31
590.60	5240.55	1457805	140910	.00	5240.55	21438.38
591.00	5515.87	1514700	143550	.00	5515.87	22345.87
591.40	5799.85	1572652	146190	.00	5799.85	23273.75
591.80	6092.55	1631650	148830	.00	6092.55	24222.00
592.20	6394.18	1691714	151470	.00	6394.18	25191.00
592.60	6704.73	1752824	154110	.00	6704.73	26180.55
593.00	7024.40	1815000	156750	.00	7024.40	27191.06

S/N:  
 PondPack Ver: Compute Time: Date:

♀

Type... Reach Routing Summary Page 9.23

Name... REACH 20 Tag: 15 Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

MODIFIED PULS REACH ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J3 15  
 Outflow HYG file = NONE STORED - REACH 20 15

asbuilt basin 1 2 and 4.txt

Reach Link Data = REACH 20  
Reach Length = 1650.00 ft  
Approx. Total Tt = .1450 hrs (based on Wtd. Q = 464.45 cfs)  
Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
Overflow Elev. = 593.00 ft  
Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
Starting WS Elev = 573.00 ft  
Starting Volume = 0 cu. ft  
Starting Outflow = .00 cfs  
Starting Infiltr. = .00 cfs  
Starting Total Qout = .00 cfs  
Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====  
Peak Inflow = 991.97 cfs at 12.7000 hrs  
Peak Outflow = 978.86 cfs at 12.8000 hrs  
=====

MASS BALANCE (cu. ft)

-----  
+ Initial Vol = 0  
+ HYG Vol IN = 882547  
- Infiltration = 0  
- HYG Vol OUT = 8825485  
- Retained Vol = 80  
-----  
Unrouted Vol = 18 cu. ft (.000% of Inflow Volume)

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.24

Name... REACH 20

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

POND ROUTED TOTAL OUTFLOW HYG...

HYG file =  
HYG ID = REACH 20  
HYG Tag = 15

-----  
Peak Discharge = 978.86 cfs  
Time to Peak = 12.8000 hrs  
HYG Volume = 8825485 cu. ft  
-----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.  
-----  
Time | .00 .00 .00 .00 .00  
hrs |  
3.9500 |

asbuilt basin 1 2 and 4.txt

4. 2000	.00	.00	.00	.00	.00
4. 4500	.00	.00	.00	.00	.00
4. 7000	.00	.00	.00	.00	.00
4. 9500	.01	.01	.01	.01	.02
5. 2000	.03	.04	.06	.07	.09
5. 4500	.10	.12	.13	.15	.17
5. 7000	.19	.21	.23	.25	.27
5. 9500	.29	.31	.33	.36	.38
6. 2000	.41	.43	.46	.48	.51
6. 4500	.54	.57	.60	.63	.66
6. 7000	.69	.72	.76	.79	.82
6. 9500	.86	.89	.93	.97	1.01
7. 2000	1.06	1.10	1.16	1.21	1.26
7. 4500	1.32	1.38	1.44	1.51	1.57
7. 7000	1.64	1.70	1.77	1.84	1.91
7. 9500	1.98	2.06	2.13	2.21	2.28
8. 2000	2.36	2.44	2.51	2.59	2.67
8. 4500	2.75	2.84	2.92	3.01	3.11
8. 7000	3.21	3.32	3.44	3.57	3.70
8. 9500	3.85	4.01	4.19	4.37	4.75
9. 2000	5.13	5.52	5.92	6.33	6.75
9. 4500	7.19	7.64	8.10	8.57	9.08
9. 7000	9.65	10.25	10.87	11.51	12.16
9. 9500	12.82	13.50	14.22	15.13	16.03
10. 2000	16.92	17.81	18.70	19.61	20.55
10. 4500	21.53	22.56	23.63	24.75	25.92
10. 7000	27.14	28.45	29.99	31.57	33.19
10. 9500	34.86	36.60	38.43	40.40	42.46
11. 2000	44.65	47.02	49.73	52.55	55.52
11. 4500	58.68	62.11	65.88	70.13	75.25

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.25

Name... REACH 20

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
11. 7000	81.38	88.77	98.42	112.46	131.77
11. 9500	157.97	193.33	237.73	289.44	348.37
12. 2000	414.75	486.83	561.48	635.82	708.53
12. 4500	776.56	835.24	883.93	923.59	952.12
12. 7000	969.85	978.63	978.86	970.24	954.77
12. 9500	933.92	907.15	875.44	841.13	805.58
13. 2000	768.86	732.69	697.45	664.26	632.78
13. 4500	602.91	575.73	550.04	525.87	503.65
13. 7000	482.60	462.62	444.30	426.91	410.40
13. 9500	394.96	380.63	366.93	353.90	341.64
14. 2000	330.28	319.30	308.87	299.01	289.63
14. 4500	280.96	272.63	264.38	255.85	247.09
14. 7000	238.49	230.19	222.14	214.44	207.12
14. 9500	200.24	194.04	188.20	182.71	177.55
15. 2000	172.71	168.15	163.86	159.85	156.23
15. 4500	152.76	149.43	146.23	143.16	140.21
15. 7000	137.38	134.65	132.03	129.52	127.11
15. 9500	124.86	122.78	120.77	118.83	116.95
16. 2000	115.14	113.39	111.69	110.04	108.44

asbuilt basin 1 2 and 4.txt

16. 4500	106.89	105.38	103.91	102.49	101.13
16. 7000	99.81	98.54	97.32	96.15	95.02
16. 9500	94.01	93.01	92.05	91.11	90.20
17. 2000	89.32	88.48	87.66	86.88	86.13
17. 4500	85.40	84.69	84.00	83.33	82.68
17. 7000	82.05	81.44	80.84	80.26	79.68
17. 9500	79.12	78.57	78.03	77.49	76.96
18. 2000	76.44	75.93	75.42	74.91	74.41
18. 4500	73.92	73.43	72.94	72.45	71.97
18. 7000	71.49	71.02	70.54	70.07	69.60
18. 9500	69.13	68.67	68.24	67.80	67.36
19. 2000	66.91	66.46	66.01	65.56	65.11
19. 4500	64.65	64.20	63.74	63.29	62.83
19. 7000	62.38	61.93	61.48	61.03	60.58
19. 9500	60.13	59.68	59.24	58.79	58.35
20. 2000	57.91	57.47	57.03	56.60	56.17
20. 4500	55.74	55.31	54.89	54.48	54.08
20. 7000	53.68	53.30	52.93	52.58	52.23
20. 9500	51.90	51.59	51.28	51.00	50.72
21. 2000	50.46	50.21	49.98	49.75	49.54
21. 4500	49.34	49.14	48.96	48.78	48.61
21. 7000	48.44	48.29	48.13	47.99	47.84
21. 9500	47.71	47.57	47.44	47.32	47.19
22. 2000	47.07	46.96	46.84	46.73	46.62
22. 4500	46.51	46.40	46.31	46.21	46.11
22. 7000	46.01	45.92	45.82	45.72	45.62

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.26

Name... REACH 20

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
22. 9500	45.53	45.43	45.34	45.24	45.15
23. 2000	45.05	44.96	44.86	44.77	44.68
23. 4500	44.58	44.49	44.40	44.31	44.22
23. 7000	44.12	44.03	43.94	43.85	43.76
23. 9500	43.67	43.58	43.48	43.37	43.23
24. 2000	43.06	42.83	42.54	42.16	41.68
24. 4500	41.07	40.33	39.46	38.46	37.35
24. 7000	36.14	34.83	33.43	31.95	30.41
24. 9500	28.84	27.38	25.99	24.59	23.21
25. 2000	21.86	20.54	19.26	18.03	16.85
25. 4500	15.72	14.66	13.76	13.02	12.30
25. 7000	11.61	10.97	10.36	9.79	9.26
25. 9500	8.75	8.26	7.81	7.37	6.96
26. 2000	6.56	6.19	5.84	5.51	5.19
26. 4500	4.90	4.62	4.37	4.24	4.11
26. 7000	3.97	3.84	3.71	3.59	3.46
26. 9500	3.34	3.22	3.11	3.00	2.90
27. 2000	2.79	2.70	2.60	2.51	2.43
27. 4500	2.34	2.26	2.19	2.11	2.04
27. 7000	1.98	1.91	1.85	1.79	1.74
27. 9500	1.68	1.63	1.58	1.53	1.49
28. 2000	1.45	1.41	1.37	1.33	1.30
28. 4500	1.26	1.23	1.20	1.17	1.14

asbuilt basin 1 2 and 4.txt

28. 7000	1. 11	1. 09	1. 06	1. 04	1. 01
28. 9500	. 99	. 97	. 95	. 93	. 91
29. 2000	. 89	. 87	. 85	. 83	. 82
29. 4500	. 80	. 79	. 77	. 75	. 74
29. 7000	. 73	. 71	. 70	. 68	. 67
29. 9500	. 66	. 65	. 63	. 62	. 61
30. 2000	. 60	. 59	. 58	. 57	. 56
30. 4500	. 55	. 54	. 53	. 52	. 51
30. 7000	. 50	. 49	. 48	. 47	. 46
30. 9500	. 46	. 45	. 44	. 43	. 42
31. 2000	. 42	. 41	. 40	. 40	. 39
31. 4500	. 38	. 38	. 37	. 36	. 36
31. 7000	. 35	. 35	. 34	. 33	. 33
31. 9500	. 32	. 32	. 31	. 31	. 30
32. 2000	. 30	. 29	. 29	. 28	. 28
32. 4500	. 27	. 27	. 26	. 26	. 25
32. 7000	. 25	. 24	. 24	. 24	. 23
32. 9500	. 23	. 22	. 22	. 22	. 21
33. 2000	. 21	. 21	. 20	. 20	. 20
33. 4500	. 19	. 19	. 19	. 18	. 18
33. 7000	. 18	. 17	. 17	. 17	. 16
33. 9500	. 16	. 16	. 16	. 15	. 15

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9. 27

Name... REACH 20

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
34. 2000	. 15	. 15	. 14	. 14	. 14
34. 4500	. 14	. 13	. 13	. 13	. 13
34. 7000	. 13	. 12	. 12	. 12	. 12
34. 9500	. 11	. 11	. 11	. 11	. 11
35. 2000	. 11	. 10	. 10	. 10	. 10
35. 4500	. 10	. 09	. 09	. 09	. 09
35. 7000	. 09	. 09	. 09	. 08	. 08
35. 9500	. 08	. 08	. 08	. 08	. 08
36. 2000	. 07	. 07	. 07	. 07	. 07
36. 4500	. 07	. 07	. 07	. 07	. 06
36. 7000	. 06	. 06	. 06	. 06	. 06
36. 9500	. 06	. 06	. 06	. 05	. 05
37. 2000	. 05	. 05	. 05	. 05	. 05
37. 4500	. 05	. 05	. 05	. 05	. 05
37. 7000	. 04	. 04	. 04	. 04	. 04
37. 9500	. 04	. 04	. 04	. 04	. 04
38. 2000	. 04	. 04	. 04	. 04	. 03
38. 4500	. 03	. 03	. 03	. 03	. 03
38. 7000	. 03	. 03	. 03	. 03	. 03
38. 9500	. 03	. 03	. 03	. 03	. 03
39. 2000	. 03	. 03	. 03	. 03	. 02
39. 4500	. 02	. 02	. 02	. 02	. 02
39. 7000	. 02	. 02	. 02	. 02	. 02
39. 9500	. 02	. 02	. 02	. 02	. 02
40. 2000	. 02	. 02	. 02	. 02	. 02
40. 4500	. 02	. 02	. 02	. 02	. 02
40. 7000	. 02	. 02	. 02	. 02	. 01

asbuilt basin 1 2 and 4.txt

40. 9500	.01	.01	.01	.01	.01	.01
41. 2000	.01	.01	.01	.01	.01	.01
41. 4500	.01	.01	.01	.01	.01	.01
41. 7000	.01	.01	.01	.01	.01	.01
41. 9500	.01	.01	.01	.01	.01	.01
42. 2000	.01	.01	.01	.01	.01	.01
42. 4500	.01	.01	.01	.01	.01	.01
42. 7000	.01	.01	.01	.01	.01	.01
42. 9500	.01	.01	.01	.01	.01	.01
43. 2000	.01	.01	.01	.01	.01	.01
43. 4500	.01	.01	.01	.01	.01	.01
43. 7000	.01	.01	.01	.01	.01	.01
43. 9500	.01	.01	.01	.01	.01	.01
44. 2000	.01	.01	.01	.01	.01	.01
44. 4500	.01	.01	.01	.01	.01	.01
44. 7000	.01	.01	.01	.01	.01	.01
44. 9500	.01	.01	.01	.01	.01	.01
45. 2000	.01	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.28

Name... REACH 20

Tag: 15

Event: 15 yr

File... \\2serverpr\ PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.					
45. 4500	.01	.01	.01	.01	.01	.01
45. 7000	.01	.01	.01	.01	.01	.01
45. 9500	.01	.01	.01	.01	.01	.01
46. 2000	.01	.01	.01	.01	.01	.01
46. 4500	.01	.01	.01	.01	.01	.01
46. 7000	.01	.01	.01	.01	.01	.01
46. 9500	.01	.01	.01	.01	.01	.01
47. 2000	.01	.01	.01	.01	.01	.01
47. 4500	.01	.01	.01	.01	.01	.01
47. 7000	.01	.01	.01	.01	.01	.01
47. 9500	.01	.01	.01	.01	.01	.01
48. 2000	.01	.00	.00	.00	.00	.00
48. 4500	.00	.00	.00	.00	.00	.00
48. 7000	.00	.00	.00	.00	.00	.00
48. 9500	.00	.00	.00	.00	.00	.00
49. 2000	.00	.00	.00	.00	.00	.00
49. 4500	.00	.00	.00	.00	.00	.00
49. 7000	.00	.00	.00	.00	.00	.00
49. 9500	.00	.00	.00	.00	.00	.00
50. 2000	.00	.00	.00	.00	.00	.00
50. 4500	.00	.00	.00	.00	.00	.00
50. 7000	.00	.00	.00	.00	.00	.00
50. 9500	.00	.00	.00	.00	.00	.00
51. 2000	.00	.00	.00	.00	.00	.00
51. 4500	.00	.00	.00	.00	.00	.00
51. 7000	.00	.00	.00	.00	.00	.00
51. 9500	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing Summary

Name... REACH 20 Tag: 25

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

MODIFIED PULS REACH ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\
Inflow HYG file = NONE STORED - J3 25
Outflow HYG file = NONE STORED - REACH 20 25

Reach Link Data = REACH 20
Reach Length = 1650.00 ft
Approx. Total Tt = .1399 hrs (based on Wtd.Q = 530.13 cfs)
Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)
Overflow Elev. = 593.00 ft
Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 573.00 ft
Starting Volume = 0 cu. ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout = .00 cfs
Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow = 1138.47 cfs at 12.6500 hrs
Peak Outflow = 1124.44 cfs at 12.7500 hrs

MASS BALANCE (cu. ft)

+ Initial Vol = 0
+ HYG Vol IN = 10136110
- Infiltration = 0
- HYG Vol OUT = 10136050
- Retained Vol = 80
Unrouted Vol = 23 cu. ft (.000% of Inflow Volume)

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Reach Routing (HYG output)

Name... REACH 20 Tag: 25

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

POND ROUTED TOTAL OUTFLOW HYG...
HYG file =
HYG ID = REACH 20

asbuilt basin 1 2 and 4.txt  
 HYG Tag = 25

-----  
 Peak Discharge = 1124.44 cfs  
 Time to Peak = 12.7500 hrs  
 HYG Volume = 10136050 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
3.6500	.00	.00	.00	.00	.00
3.9000	.00	.00	.00	.00	.00
4.1500	.00	.00	.00	.00	.00
4.4000	.00	.00	.00	.00	.01
4.6500	.01	.01	.01	.01	.02
4.9000	.04	.05	.07	.08	.10
5.1500	.11	.13	.15	.17	.19
5.4000	.21	.23	.25	.27	.30
5.6500	.32	.34	.37	.39	.42
5.9000	.45	.48	.50	.53	.56
6.1500	.59	.63	.66	.69	.73
6.4000	.76	.80	.83	.87	.91
6.6500	.95	.99	1.04	1.09	1.14
6.9000	1.20	1.26	1.32	1.38	1.45
7.1500	1.51	1.58	1.65	1.72	1.80
7.4000	1.87	1.95	2.02	2.10	2.18
7.6500	2.26	2.34	2.42	2.50	2.59
7.9000	2.67	2.76	2.84	2.93	3.02
8.1500	3.12	3.22	3.33	3.44	3.56
8.4000	3.69	3.82	3.97	4.12	4.29
8.6500	4.54	4.88	5.23	5.59	5.95
8.9000	6.33	6.71	7.11	7.53	7.97
9.1500	8.42	8.90	9.43	10.02	10.63
9.4000	11.28	11.94	12.63	13.32	14.04
9.6500	14.95	15.87	16.78	17.66	18.54
9.9000	19.41	20.28	21.17	22.08	23.02
10.1500	23.97	24.95	25.95	26.97	28.03
10.4000	29.29	30.59	31.90	33.25	34.64
10.6500	36.07	37.56	39.15	40.82	42.59
10.9000	44.45	46.40	48.69	51.04	53.48
11.1500	56.01	58.68	61.53	64.57	67.81

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

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Name... REACH 20

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
11.4000	71.49	75.44	79.66	84.26	89.34
11.6500	95.22	102.84	111.97	123.62	140.76
11.9000	164.16	195.72	237.07	287.68	346.41
12.1500	413.72	489.75	572.41	657.84	742.64
12.4000	825.48	902.82	968.55	1022.75	1066.69
12.6500	1097.99	1116.18	1124.44	1123.02	1111.49
12.9000	1092.32	1066.81	1034.63	997.32	956.79



asbuilt basin 1 2 and 4.txt

13. 1500	915.22	872.63	830.39	789.78	751.43
13. 4000	715.29	681.02	649.88	620.48	592.97
13. 6500	567.54	543.52	520.98	500.00	480.22
13. 9000	461.51	444.26	427.91	412.40	397.77
14. 1500	384.24	371.28	358.90	347.22	336.39
14. 4000	326.10	316.25	306.90	298.00	289.54
14. 6500	281.72	274.15	266.86	259.90	252.99
14. 9000	245.72	238.30	230.94	223.67	216.65
15. 1500	209.95	203.61	197.71	192.33	187.21
15. 4000	182.36	177.78	173.44	169.32	165.39
15. 6500	161.64	158.16	154.88	151.69	148.62
15. 9000	145.66	142.84	140.15	137.59	135.16
16. 1500	132.85	130.63	128.50	126.45	124.54
16. 4000	122.75	120.98	119.26	117.58	115.94
16. 6500	114.35	112.81	111.32	109.89	108.51
16. 9000	107.18	105.91	104.70	103.53	102.42
17. 1500	101.36	100.34	99.36	98.42	97.51
17. 4000	96.64	95.80	94.99	94.26	93.53
17. 6500	92.81	92.11	91.42	90.74	90.07
17. 9000	89.41	88.77	88.13	87.51	86.89
18. 1500	86.29	85.70	85.12	84.55	83.99
18. 4000	83.43	82.87	82.32	81.77	81.23
18. 6500	80.69	80.15	79.61	79.08	78.55
18. 9000	78.02	77.49	76.97	76.44	75.92
19. 1500	75.40	74.88	74.36	73.84	73.33
19. 4000	72.81	72.30	71.78	71.27	70.76
19. 6500	70.24	69.73	69.22	68.71	68.24
19. 9000	67.76	67.27	66.78	66.28	65.78
20. 1500	65.28	64.78	64.28	63.78	63.28
20. 4000	62.79	62.31	61.83	61.36	60.90
20. 6500	60.45	60.01	59.58	59.17	58.77
20. 9000	58.39	58.03	57.68	57.35	57.04
21. 1500	56.74	56.45	56.18	55.92	55.67
21. 4000	55.43	55.21	54.99	54.78	54.59
21. 6500	54.40	54.21	54.04	53.87	53.70
21. 9000	53.55	53.39	53.24	53.10	52.96
22. 1500	52.82	52.68	52.55	52.42	52.30
22. 4000	52.17	52.05	51.93	51.81	51.69

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Compute Time:

Date:

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Type... Reach Routing (HYG output)

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Name... REACH 20

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
22. 6500	51.57	51.46	51.35	51.23	51.12
22. 9000	51.01	50.90	50.79	50.68	50.58
23. 1500	50.47	50.36	50.26	50.15	50.05
23. 4000	49.94	49.84	49.74	49.63	49.53
23. 6500	49.43	49.32	49.22	49.12	49.02
23. 9000	48.92	48.81	48.71	48.60	48.47
24. 1500	48.31	48.11	47.84	47.49	47.03
24. 4000	46.45	45.80	44.99	44.03	42.91
24. 6500	41.64	40.24	38.75	37.19	35.55
24. 9000	33.85	32.10	30.33	28.55	27.00
25. 1500	25.49	24.01	22.57	21.18	19.83

asbuilt basin 1 2 and 4.txt

25. 4000	18.53	17.30	16.14	15.04	14.03
25. 6500	13.28	12.55	11.85	11.18	10.57
25. 9000	9.99	9.44	8.92	8.43	7.97
26. 1500	7.52	7.10	6.70	6.33	5.97
26. 4000	5.63	5.31	5.01	4.72	4.46
26. 6500	4.29	4.16	4.03	3.90	3.77
26. 9000	3.64	3.52	3.39	3.27	3.16
27. 1500	3.05	2.94	2.84	2.74	2.64
27. 4000	2.55	2.46	2.38	2.30	2.22
27. 6500	2.15	2.08	2.01	1.94	1.88
27. 9000	1.82	1.76	1.71	1.66	1.61
28. 1500	1.56	1.51	1.47	1.43	1.39
28. 4000	1.35	1.32	1.28	1.25	1.22
28. 6500	1.19	1.16	1.13	1.11	1.08
28. 9000	1.06	1.03	1.01	.99	.96
29. 1500	.94	.92	.90	.89	.87
29. 4000	.85	.83	.82	.80	.78
29. 6500	.77	.75	.74	.72	.71
29. 9000	.70	.68	.67	.66	.65
30. 1500	.63	.62	.61	.60	.59
30. 4000	.58	.57	.56	.55	.54
30. 6500	.53	.52	.51	.50	.49
30. 9000	.48	.47	.47	.46	.45
31. 1500	.44	.43	.43	.42	.41
31. 4000	.40	.40	.39	.38	.38
31. 6500	.37	.36	.36	.35	.35
31. 9000	.34	.33	.33	.32	.32
32. 1500	.31	.31	.30	.30	.29
32. 4000	.29	.28	.28	.27	.27
32. 6500	.26	.26	.25	.25	.25
32. 9000	.24	.24	.23	.23	.22
33. 1500	.22	.22	.21	.21	.21
33. 4000	.20	.20	.20	.19	.19
33. 6500	.19	.18	.18	.18	.17

S/N:

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Date:

Type... Reach Routing (HYG output)

Page 9.33

Name... REACH 20

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
33. 9000	.17	.17	.16	.16	.16
34. 1500	.16	.15	.15	.15	.15
34. 4000	.14	.14	.14	.14	.13
34. 6500	.13	.13	.13	.13	.12
34. 9000	.12	.12	.12	.11	.11
35. 1500	.11	.11	.11	.11	.10
35. 4000	.10	.10	.10	.10	.10
35. 6500	.09	.09	.09	.09	.09
35. 9000	.09	.08	.08	.08	.08
36. 1500	.08	.08	.08	.07	.07
36. 4000	.07	.07	.07	.07	.07
36. 6500	.07	.07	.06	.06	.06
36. 9000	.06	.06	.06	.06	.06
37. 1500	.06	.05	.05	.05	.05
37. 4000	.05	.05	.05	.05	.05

asbuilt basin 1 2 and 4.txt

37. 6500	.05	.05	.05	.04	.04
37. 9000	.04	.04	.04	.04	.04
38. 1500	.04	.04	.04	.04	.04
38. 4000	.04	.04	.04	.03	.03
38. 6500	.03	.03	.03	.03	.03
38. 9000	.03	.03	.03	.03	.03
39. 1500	.03	.03	.03	.03	.03
39. 4000	.03	.03	.02	.02	.02
39. 6500	.02	.02	.02	.02	.02
39. 9000	.02	.02	.02	.02	.02
40. 1500	.02	.02	.02	.02	.02
40. 4000	.02	.02	.02	.02	.02
40. 6500	.02	.02	.02	.02	.02
40. 9000	.02	.02	.01	.01	.01
41. 1500	.01	.01	.01	.01	.01
41. 4000	.01	.01	.01	.01	.01
41. 6500	.01	.01	.01	.01	.01
41. 9000	.01	.01	.01	.01	.01
42. 1500	.01	.01	.01	.01	.01
42. 4000	.01	.01	.01	.01	.01
42. 6500	.01	.01	.01	.01	.01
42. 9000	.01	.01	.01	.01	.01
43. 1500	.01	.01	.01	.01	.01
43. 4000	.01	.01	.01	.01	.01
43. 6500	.01	.01	.01	.01	.01
43. 9000	.01	.01	.01	.01	.01
44. 1500	.01	.01	.01	.01	.01
44. 4000	.01	.01	.01	.01	.01
44. 6500	.01	.01	.01	.01	.01
44. 9000	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

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Name... REACH 20

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
45. 1500	.01	.01	.01	.01	.01
45. 4000	.01	.01	.01	.01	.01
45. 6500	.01	.01	.01	.01	.01
45. 9000	.01	.01	.01	.01	.01
46. 1500	.01	.01	.01	.01	.01
46. 4000	.01	.01	.01	.01	.01
46. 6500	.01	.01	.01	.01	.01
46. 9000	.01	.01	.01	.01	.01
47. 1500	.01	.01	.01	.01	.01
47. 4000	.01	.01	.01	.01	.01
47. 6500	.01	.01	.01	.01	.01
47. 9000	.01	.01	.01	.01	.01
48. 1500	.01	.01	.01	.01	.00
48. 4000	.00	.00	.00	.00	.00
48. 6500	.00	.00	.00	.00	.00
48. 9000	.00	.00	.00	.00	.00
49. 1500	.00	.00	.00	.00	.00
49. 4000	.00	.00	.00	.00	.00
49. 6500	.00	.00	.00	.00	.00

asbuilt basin 1 2 and 4.txt						
49. 9000	.00	.00	.00	.00	.00	.00
50. 1500	.00	.00	.00	.00	.00	.00
50. 4000	.00	.00	.00	.00	.00	.00
50. 6500	.00	.00	.00	.00	.00	.00
50. 9000	.00	.00	.00	.00	.00	.00
51. 1500	.00	.00	.00	.00	.00	.00
51. 4000	.00	.00	.00	.00	.00	.00
51. 6500	.00	.00	.00	.00	.00	.00
51. 9000	.00	.00	.00	.00	.00	.00
52. 1500	.00					

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing Summary

Page 9.35

Name... REACH 20 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

MODIFIED PULS REACH ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J3 100  
 Outflow HYG file = NONE STORED - REACH 20 100

Reach Link Data = REACH 20  
 Reach Length = 1650.00 ft  
 Approx. Total Tt = .1298 hrs (based on Wtd.Q = 700.93 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 573.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====  
 Peak Inflow = 1526.80 cfs at 12.6500 hrs  
 Peak Outflow = 1510.31 cfs at 12.7500 hrs  
 =====

MASS BALANCE (cu. ft)

-----  
 + Initial Vol = 0  
 + HYG Vol IN = 13647480  
 - Infiltration = 0  
 - HYG Vol OUT = 13647410  
 - Retained Vol = 80  
 -----  
 Unrouted Vol = 14 cu. ft (.000% of Inflow Volume)



4. PPW  
Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
10. 8000	71. 89	74. 63	77. 49	80. 46	83. 56
11. 0500	86. 85	90. 35	94. 05	98. 17	102. 56
11. 3000	107. 13	111. 97	117. 15	122. 71	128. 95
11. 5500	135. 92	143. 52	152. 34	163. 32	177. 11
11. 8000	194. 70	220. 30	254. 75	298. 24	352. 95
12. 0500	420. 25	499. 14	589. 74	692. 43	804. 04
12. 3000	918. 42	1030. 89	1140. 02	1241. 05	1325. 39
12. 5500	1393. 23	1447. 94	1484. 61	1503. 88	1510. 31
12. 8000	1503. 95	1484. 06	1454. 24	1416. 29	1369. 53
13. 0500	1316. 27	1259. 38	1201. 51	1142. 76	1085. 04
13. 3000	1029. 73	978. 10	929. 24	883. 69	841. 66
13. 5500	802. 82	766. 03	732. 46	700. 78	670. 94
13. 8000	643. 31	617. 35	592. 99	570. 29	548. 95
14. 0500	528. 79	510. 09	492. 42	475. 65	459. 76
14. 3000	445. 11	431. 21	417. 99	405. 45	393. 81
14. 5500	382. 79	372. 28	362. 32	352. 82	343. 74
14. 8000	335. 41	327. 39	319. 69	312. 39	305. 46
15. 0500	298. 82	292. 47	286. 58	280. 92	275. 44
15. 3000	270. 15	265. 03	260. 06	255. 25	250. 57
15. 5500	245. 85	240. 83	235. 37	229. 50	223. 50
15. 8000	217. 55	211. 75	206. 17	200. 88	196. 04
16. 0500	191. 48	187. 16	183. 04	179. 14	175. 45
16. 3000	171. 94	168. 59	165. 40	162. 35	159. 48
16. 5500	156. 82	154. 25	151. 76	149. 36	147. 07
16. 8000	144. 88	142. 79	140. 80	138. 89	137. 08
17. 0500	135. 34	133. 69	132. 11	130. 61	129. 18
17. 3000	127. 82	126. 52	125. 28	124. 15	123. 04
17. 5500	121. 95	120. 90	119. 87	118. 88	117. 91
17. 8000	116. 96	116. 03	115. 12	114. 23	113. 36
18. 0500	112. 51	111. 68	110. 87	110. 06	109. 27
18. 3000	108. 50	107. 73	106. 97	106. 22	105. 48
18. 5500	104. 74	104. 01	103. 29	102. 57	101. 86
18. 8000	101. 15	100. 45	99. 75	99. 05	98. 36
19. 0500	97. 67	96. 98	96. 30	95. 61	94. 94
19. 3000	94. 31	93. 66	93. 01	92. 36	91. 70
19. 5500	91. 05	90. 39	89. 73	89. 08	88. 42
19. 8000	87. 77	87. 11	86. 46	85. 81	85. 16
20. 0500	84. 51	83. 87	83. 22	82. 58	81. 94
20. 3000	81. 29	80. 65	80. 02	79. 39	78. 77
20. 5500	78. 16	77. 57	76. 98	76. 42	75. 87
20. 8000	75. 34	74. 83	74. 34	73. 87	73. 42
21. 0500	73. 00	72. 59	72. 20	71. 83	71. 49
21. 3000	71. 15	70. 84	70. 54	70. 25	69. 98
21. 5500	69. 72	69. 47	69. 23	69. 00	68. 78
21. 8000	68. 58	68. 39	68. 20	68. 01	67. 83

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

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Name... REACH 20 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW  
Storm... TypeII 24hr Tag: 100

asbuilt basin 1 2 and 4.txt

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
22.0500	67.65	67.47	67.30	67.13	66.96
22.3000	66.80	66.64	66.48	66.33	66.17
22.5500	66.02	65.87	65.73	65.58	65.44
22.8000	65.30	65.16	65.02	64.88	64.74
23.0500	64.61	64.47	64.34	64.20	64.07
23.3000	63.93	63.80	63.67	63.53	63.40
23.5500	63.27	63.14	63.01	62.88	62.75
23.8000	62.62	62.49	62.36	62.23	62.10
24.0500	61.95	61.78	61.58	61.31	60.96
24.3000	60.50	59.90	59.14	58.20	57.08
24.5500	55.77	54.24	52.52	50.62	48.57
24.8000	46.41	44.38	42.27	40.13	37.96
25.0500	35.79	33.61	31.47	29.36	27.46
25.3000	25.80	24.21	22.68	21.21	19.80
25.5500	18.47	17.21	16.03	14.92	13.93
25.8000	13.18	12.45	11.76	11.11	10.50
26.0500	9.93	9.39	8.88	8.40	7.93
26.3000	7.49	7.08	6.68	6.31	5.96
26.5500	5.62	5.31	5.01	4.73	4.46
26.8000	4.29	4.16	4.04	3.91	3.78
27.0500	3.65	3.53	3.41	3.29	3.17
27.3000	3.06	2.95	2.85	2.75	2.65
27.5500	2.56	2.47	2.39	2.31	2.23
27.8000	2.16	2.09	2.02	1.95	1.89
28.0500	1.83	1.77	1.72	1.67	1.62
28.3000	1.57	1.53	1.49	1.45	1.41
28.5500	1.37	1.34	1.30	1.27	1.24
28.8000	1.21	1.18	1.15	1.13	1.10
29.0500	1.08	1.05	1.03	1.01	.98
29.3000	.96	.94	.92	.90	.89
29.5500	.87	.85	.83	.82	.80
29.8000	.79	.77	.76	.74	.73
30.0500	.71	.70	.69	.67	.66
30.3000	.65	.64	.63	.62	.60
30.5500	.59	.58	.57	.56	.55
30.8000	.54	.53	.52	.51	.50
31.0500	.49	.49	.48	.47	.46
31.3000	.45	.44	.44	.43	.42
31.5500	.41	.41	.40	.39	.39
31.8000	.38	.37	.37	.36	.35
32.0500	.35	.34	.34	.33	.33
32.3000	.32	.31	.31	.30	.30
32.5500	.29	.29	.28	.28	.27
32.8000	.27	.27	.26	.26	.25
33.0500	.25	.24	.24	.24	.23

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

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Name... REACH 20 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs				
33.3000	.23	.22	.22	.21

asbuilt basin 1 2 and 4.txt

33. 5500	.21	.20	.20	.20	.19
33. 8000	.19	.19	.18	.18	.18
34. 0500	.18	.17	.17	.17	.16
34. 3000	.16	.16	.16	.15	.15
34. 5500	.15	.15	.14	.14	.14
34. 8000	.14	.13	.13	.13	.13
35. 0500	.12	.12	.12	.12	.12
35. 3000	.11	.11	.11	.11	.11
35. 5500	.10	.10	.10	.10	.10
35. 8000	.10	.09	.09	.09	.09
36. 0500	.09	.09	.09	.08	.08
36. 3000	.08	.08	.08	.08	.08
36. 5500	.07	.07	.07	.07	.07
36. 8000	.07	.07	.07	.06	.06
37. 0500	.06	.06	.06	.06	.06
37. 3000	.06	.06	.06	.05	.05
37. 5500	.05	.05	.05	.05	.05
37. 8000	.05	.05	.05	.05	.05
38. 0500	.04	.04	.04	.04	.04
38. 3000	.04	.04	.04	.04	.04
38. 5500	.04	.04	.04	.04	.03
38. 8000	.03	.03	.03	.03	.03
39. 0500	.03	.03	.03	.03	.03
39. 3000	.03	.03	.03	.03	.03
39. 5500	.03	.03	.03	.03	.02
39. 8000	.02	.02	.02	.02	.02
40. 0500	.02	.02	.02	.02	.02
40. 3000	.02	.02	.02	.02	.02
40. 5500	.02	.02	.02	.02	.02
40. 8000	.02	.02	.02	.02	.02
41. 0500	.02	.02	.02	.01	.01
41. 3000	.01	.01	.01	.01	.01
41. 5500	.01	.01	.01	.01	.01
41. 8000	.01	.01	.01	.01	.01
42. 0500	.01	.01	.01	.01	.01
42. 3000	.01	.01	.01	.01	.01
42. 5500	.01	.01	.01	.01	.01
42. 8000	.01	.01	.01	.01	.01
43. 0500	.01	.01	.01	.01	.01
43. 3000	.01	.01	.01	.01	.01
43. 5500	.01	.01	.01	.01	.01
43. 8000	.01	.01	.01	.01	.01
44. 0500	.01	.01	.01	.01	.01
44. 3000	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9.40

Name... REACH 20 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
44. 5500	.01	.01	.01	.01	.01
44. 8000	.01	.01	.01	.01	.01
45. 0500	.01	.01	.01	.01	.01
45. 3000	.01	.01	.01	.01	.01
45. 5500	.01	.01	.01	.01	.01



asbuilt basin 1 2 and 4.txt

45. 8000	.01	.01	.01	.01	.01	.01
46. 0500	.01	.01	.01	.01	.01	.01
46. 3000	.01	.01	.01	.01	.01	.01
46. 5500	.01	.01	.01	.01	.01	.01
46. 8000	.01	.01	.01	.01	.01	.01
47. 0500	.01	.01	.01	.01	.01	.01
47. 3000	.01	.01	.01	.01	.01	.01
47. 5500	.01	.01	.01	.01	.01	.01
47. 8000	.01	.01	.01	.01	.01	.01
48. 0500	.01	.01	.01	.01	.01	.01
48. 3000	.01	.01	.01	.01	.01	.01
48. 5500	.01	.00	.00	.00	.00	.00
48. 8000	.00	.00	.00	.00	.00	.00
49. 0500	.00	.00	.00	.00	.00	.00
49. 3000	.00	.00	.00	.00	.00	.00
49. 5500	.00	.00	.00	.00	.00	.00
49. 8000	.00	.00	.00	.00	.00	.00
50. 0500	.00	.00	.00	.00	.00	.00
50. 3000	.00	.00	.00	.00	.00	.00
50. 5500	.00	.00	.00	.00	.00	.00
50. 8000	.00	.00	.00	.00	.00	.00
51. 0500	.00	.00	.00	.00	.00	.00
51. 3000	.00	.00	.00	.00	.00	.00
51. 5500	.00	.00	.00	.00	.00	.00
51. 8000	.00	.00	.00	.00	.00	.00
52. 0500	.00	.00	.00	.00	.00	.00
52. 3000	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach E-V-Q Table

Page 9.41

Name... REACH 30

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

MODIFIED PULS REACH DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J4 15  
 Outflow HYG file = NONE STORED - REACH 30 15

Reach Link Data = REACH 30  
 Reach Length = 2050.00 ft  
 Approx. Total Tt = .1764 hrs (based on Wtd.Q = 501.38 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 573.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
-----------------	----------------	-------------------	----------------	-----------------	----------------	-----------------

asbuilt basin 1 2 and 4.txt

573.00	.00	0	0	.00	.00	.00
573.01	.01	308	30832	.00	.01	3.43
573.40	4.38	12957	34030	.00	4.38	148.34
573.80	14.11	27224	37310	.00	14.11	316.59
574.20	28.22	42805	40590	.00	28.22	503.82
574.60	46.44	59695	43870	.00	46.44	709.71
575.00	68.71	77900	47150	.00	68.71	934.27
575.40	95.06	97417	50430	.00	95.06	1177.48
575.80	125.54	118243	53710	.00	125.54	1439.36
576.20	160.25	140385	56990	.00	160.25	1720.08
576.60	199.28	163835	60270	.00	199.28	2019.66
577.00	242.75	188600	63550	.00	242.75	2338.30
577.40	290.78	214678	66830	.00	290.78	2676.09
577.80	343.48	242063	70110	.00	343.48	3033.07
578.20	401.00	270765	73390	.00	401.00	3409.50
578.60	463.44	300774	76670	.00	463.44	3805.38
579.00	530.95	332100	79950	.00	530.95	4220.95
579.40	603.65	364738	83230	.00	603.65	4656.29
579.80	681.65	398683	86510	.00	681.65	5111.46
580.20	765.10	433945	89790	.00	765.10	5586.71

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach E-V-Q Table

Page 9.42

Name... REACH 30

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

MODIFIED PULS REACH DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J4 15  
 Outflow HYG file = NONE STORED - REACH 30 15

Reach Link Data = REACH 30  
 Reach Length = 2050.00 ft  
 Approx. Total Tt = .1764 hrs (based on Wtd.Q = 501.38 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 573.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
580.60	854.10	470514	93070	.00	854.10	6082.03
581.00	948.81	508400	96350	.00	948.81	6597.70
581.40	1049.34	547598	99630	.00	1049.34	7133.77
581.80	1155.80	588103	102910	.00	1155.80	7690.27
582.20	1268.33	629925	106190	.00	1268.33	8267.50
582.60	1387.03	673053	109470	.00	1387.03	8865.40
583.00	1512.05	717500	112750	.00	1512.05	9484.28

asbuilt basin 1 2 and 4.txt

583.40	1643.51	763259	116030	.00	1643.51	10124.16
583.80	1781.49	810323	119310	.00	1781.49	10785.07
584.20	1926.15	858706	122590	.00	1926.15	11467.32
584.60	2077.58	908393	125870	.00	2077.58	12170.83
585.00	2235.92	959400	129150	.00	2235.92	12895.92
585.40	2401.29	1011719	132430	.00	2401.29	13642.61
585.80	2573.76	1065342	135710	.00	2573.76	14410.89
586.20	2753.50	1120286	138990	.00	2753.50	15201.12
586.60	2940.57	1176533	142270	.00	2940.57	16013.15
587.00	3135.13	1234100	145550	.00	3135.13	16847.36
587.40	3337.29	1292980	148830	.00	3337.29	17703.73
587.80	3547.10	1353162	152110	.00	3547.10	18582.24
588.20	3764.76	1414666	155390	.00	3764.76	19483.27

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach E-V-Q Table

Page 9.43

Name... REACH 30

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

MODIFIED PULS REACH DATA

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J4 15  
 Outflow HYG file = NONE STORED - REACH 30 15

Reach Link Data = REACH 30  
 Reach Length = 2050.00 ft  
 Approx. Total Tt = .1764 hrs (based on Wtd.Q = 501.38 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 573.00 ft  
 Starting Volume = 0 cu.ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
588.60	3990.29	1477472	158670	.00	3990.29	20406.64
589.00	4223.88	1541600	161950	.00	4223.88	21352.77
589.40	4465.60	1607040	165230	.00	4465.60	22321.60
589.80	4715.52	1673782	168510	.00	4715.52	23313.10
590.20	4973.83	1741846	171790	.00	4973.83	24327.67
590.60	5240.55	1811212	175070	.00	5240.55	25365.12
591.00	5515.87	1881900	178350	.00	5515.87	26425.87
591.40	5799.85	1953901	181630	.00	5799.85	27509.86
591.80	6092.55	2027202	184910	.00	6092.55	28617.02
592.20	6394.18	2101826	188190	.00	6394.18	29747.80
592.60	6704.73	2177752	191470	.00	6704.73	30901.96
593.00	7024.40	2255000	194750	.00	7024.40	32079.95

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing Summary Page 9.44

Name... REACH 30 Tag: 15 Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

MODIFIED PULS REACH ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\
Inflow HYG file = NONE STORED - J4 15
Outflow HYG file = NONE STORED - REACH 30 15

Reach Link Data = REACH 30
Reach Length = 2050.00 ft
Approx. Total Tt = .1764 hrs (based on Wtd.Q = 501.38 cfs)
Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)
Overflow Elev. = 593.00 ft
Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 573.00 ft
Starting Volume = 0 cu. ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout = .00 cfs
Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow = 1055.23 cfs at 12.7500 hrs
Peak Outflow = 1036.26 cfs at 12.8500 hrs

MASS BALANCE (cu. ft)

+ Initial Vol = 0
+ HYG Vol IN = 9996874
- Infiltration = 0
- HYG Vol OUT = 9996781
- Retained Vol = 100
Unrouted Vol = 7 cu. ft (.000% of Inflow Volume)

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output) Page 9.45

Name... REACH 30 Tag: 15 Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

asbuilt basin 1 2 and 4.txt

HYG file =  
 HYG ID = REACH 30  
 HYG Tag = 15

-----  
 Peak Discharge = 1036.26 cfs  
 Time to Peak = 12.8500 hrs  
 HYG Volume = 9996781 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
3. 7000	.00	.00	.00	.00	.00
3. 9500	.00	.00	.00	.00	.00
4. 2000	.00	.00	.00	.01	.01
4. 4500	.01	.01	.03	.05	.07
4. 7000	.09	.11	.13	.15	.17
4. 9500	.20	.22	.25	.27	.30
5. 2000	.32	.35	.38	.41	.44
5. 4500	.48	.51	.55	.58	.62
5. 7000	.66	.69	.73	.78	.82
5. 9500	.86	.90	.95	.99	1.04
6. 2000	1.09	1.14	1.19	1.24	1.29
6. 4500	1.34	1.39	1.45	1.50	1.56
6. 7000	1.62	1.67	1.73	1.79	1.85
6. 9500	1.92	1.98	2.04	2.11	2.18
7. 2000	2.25	2.32	2.39	2.47	2.54
7. 4500	2.62	2.70	2.78	2.87	2.95
7. 7000	3.04	3.13	3.23	3.32	3.42
7. 9500	3.51	3.61	3.71	3.82	3.92
8. 2000	4.03	4.14	4.25	4.37	4.58
8. 4500	4.81	5.03	5.25	5.46	5.68
8. 7000	5.90	6.12	6.34	6.57	6.81
8. 9500	7.05	7.30	7.55	7.82	8.10
9. 2000	8.41	8.75	9.10	9.48	9.87
9. 4500	10.28	10.70	11.14	11.59	12.05
9. 7000	12.53	13.04	13.57	14.14	14.91
9. 9500	15.69	16.48	17.29	18.14	19.03
10. 2000	19.96	20.92	21.92	22.95	24.01
10. 4500	25.11	26.25	27.43	28.73	30.21
10. 7000	31.71	33.25	34.86	36.55	38.32
10. 9500	40.17	42.10	44.12	46.24	48.70
11. 2000	51.29	53.98	56.85	59.91	63.18

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9.46

Name... REACH 30

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
11. 4500	66.66	70.56	74.96	79.82	85.49
11. 7000	92.52	102.14	115.08	132.67	156.75
11. 9500	189.33	231.88	284.97	346.63	413.22
12. 2000	481.02	547.65	611.61	672.61	731.17
12. 4500	787.43	840.89	890.20	933.68	970.62

asbuilt basin 1 2 and 4.txt

12. 7000	999.62	1020.06	1032.23	1036.26	1032.55
12. 9500	1021.92	1005.00	982.22	954.46	923.45
13. 2000	889.65	853.82	817.61	780.15	743.06
13. 4500	707.77	674.76	644.40	615.67	589.01
13. 7000	564.14	540.53	518.57	498.05	478.52
13. 9500	460.10	443.09	426.89	411.44	396.89
14. 2000	383.38	370.48	358.15	346.40	335.50
14. 4500	325.18	315.34	305.90	296.72	287.76
14. 7000	279.05	270.37	261.79	253.37	245.17
14. 9500	237.46	230.13	223.11	216.43	210.08
15. 2000	204.06	198.40	193.24	188.31	183.63
15. 4500	179.21	175.01	171.03	167.23	163.59
15. 7000	160.12	156.96	153.88	150.90	148.00
15. 9500	145.22	142.55	140.00	137.55	135.21
16. 2000	132.95	130.79	128.70	126.69	124.80
16. 4500	123.03	121.30	119.61	117.97	116.36
16. 7000	114.81	113.30	111.84	110.43	109.07
16. 9500	107.76	106.52	105.32	104.17	103.06
17. 2000	101.98	100.95	99.95	98.99	98.06
17. 4500	97.16	96.29	95.45	94.66	93.92
17. 7000	93.19	92.47	91.76	91.07	90.40
17. 9500	89.73	89.08	88.44	87.81	87.19
18. 2000	86.58	85.97	85.38	84.80	84.22
18. 4500	83.65	83.08	82.52	81.96	81.41
18. 7000	80.86	80.32	79.78	79.25	78.71
18. 9500	78.18	77.65	77.13	76.62	76.11
19. 2000	75.60	75.10	74.60	74.09	73.59
19. 4500	73.08	72.58	72.08	71.57	71.06
19. 7000	70.56	70.05	69.55	69.05	68.56
19. 9500	68.09	67.62	67.15	66.67	66.18
20. 2000	65.70	65.22	64.74	64.26	63.78
20. 4500	63.31	62.84	62.38	61.93	61.48
20. 7000	61.04	60.60	60.18	59.76	59.36
20. 9500	58.97	58.58	58.22	57.86	57.52
21. 2000	57.19	56.87	56.56	56.27	55.99
21. 4500	55.73	55.47	55.23	54.99	54.77
21. 7000	54.55	54.35	54.15	53.96	53.77
21. 9500	53.60	53.43	53.26	53.10	52.95
22. 2000	52.80	52.65	52.51	52.37	52.23
22. 4500	52.10	51.97	51.85	51.73	51.61

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9.47

Name... REACH 30

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
22. 7000	51.49	51.37	51.26	51.15	51.04
22. 9500	50.93	50.82	50.71	50.60	50.49
23. 2000	50.38	50.28	50.17	50.06	49.96
23. 4500	49.85	49.75	49.65	49.54	49.44
23. 7000	49.34	49.23	49.13	49.03	48.93
23. 9500	48.83	48.72	48.62	48.49	48.31
24. 2000	48.06	47.72	47.28	46.75	46.16
24. 4500	45.55	44.86	44.11	43.30	42.42
24. 7000	41.47	40.46	39.37	38.21	36.98

asbuilt basin 1 2 and 4.txt

24. 9500	35. 69	34. 36	33. 01	31. 65	30. 28
25. 2000	28. 91	27. 65	26. 48	25. 30	24. 12
25. 4500	22. 94	21. 77	20. 63	19. 54	18. 50
25. 7000	17. 52	16. 58	15. 69	14. 84	14. 06
25. 9500	13. 47	12. 90	12. 34	11. 79	11. 25
26. 2000	10. 73	10. 23	9. 74	9. 27	8. 82
26. 4500	8. 38	7. 96	7. 56	7. 18	6. 84
26. 7000	6. 51	6. 21	5. 93	5. 67	5. 42
26. 9500	5. 18	4. 96	4. 76	4. 56	4. 38
27. 2000	4. 28	4. 19	4. 10	4. 01	3. 91
27. 4500	3. 82	3. 73	3. 64	3. 55	3. 46
27. 7000	3. 37	3. 29	3. 20	3. 12	3. 04
27. 9500	2. 96	2. 88	2. 80	2. 73	2. 65
28. 2000	2. 58	2. 51	2. 44	2. 38	2. 31
28. 4500	2. 25	2. 19	2. 13	2. 07	2. 02
28. 7000	1. 97	1. 91	1. 86	1. 81	1. 77
28. 9500	1. 72	1. 68	1. 63	1. 59	1. 55
29. 2000	1. 51	1. 47	1. 44	1. 40	1. 37
29. 4500	1. 33	1. 30	1. 27	1. 24	1. 21
29. 7000	1. 18	1. 15	1. 12	1. 10	1. 07
29. 9500	1. 05	1. 02	1. 00	. 98	. 96
30. 2000	. 94	. 92	. 90	. 88	. 86
30. 4500	. 84	. 82	. 80	. 79	. 77
30. 7000	. 75	. 74	. 72	. 71	. 69
30. 9500	. 68	. 67	. 65	. 64	. 63
31. 2000	. 61	. 60	. 59	. 58	. 57
31. 4500	. 56	. 55	. 54	. 53	. 52
31. 7000	. 51	. 50	. 49	. 48	. 47
31. 9500	. 46	. 45	. 44	. 44	. 43
32. 2000	. 42	. 41	. 40	. 40	. 39
32. 4500	. 38	. 38	. 37	. 36	. 36
32. 7000	. 35	. 34	. 34	. 33	. 33
32. 9500	. 32	. 31	. 31	. 30	. 30
33. 2000	. 29	. 29	. 28	. 28	. 27
33. 4500	. 27	. 26	. 26	. 25	. 25
33. 7000	. 25	. 24	. 24	. 23	. 23

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9. 48

Name... REACH 30 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
33. 9500	. 23	. 22	. 22	. 21	. 21
34. 2000	. 21	. 20	. 20	. 20	. 19
34. 4500	. 19	. 19	. 18	. 18	. 18
34. 7000	. 17	. 17	. 17	. 16	. 16
34. 9500	. 16	. 16	. 15	. 15	. 15
35. 2000	. 15	. 14	. 14	. 14	. 14
35. 4500	. 13	. 13	. 13	. 13	. 12
35. 7000	. 12	. 12	. 12	. 12	. 11
35. 9500	. 11	. 11	. 11	. 11	. 11
36. 2000	. 10	. 10	. 10	. 10	. 10
36. 4500	. 09	. 09	. 09	. 09	. 09
36. 7000	. 09	. 09	. 08	. 08	. 08
36. 9500	. 08	. 08	. 08	. 08	. 07

asbuilt basin 1 2 and 4.txt

37. 2000	.07	.07	.07	.07	.07
37. 4500	.07	.07	.06	.06	.06
37. 7000	.06	.06	.06	.06	.06
37. 9500	.06	.06	.05	.05	.05
38. 2000	.05	.05	.05	.05	.05
38. 4500	.05	.05	.05	.05	.04
38. 7000	.04	.04	.04	.04	.04
38. 9500	.04	.04	.04	.04	.04
39. 2000	.04	.04	.04	.03	.03
39. 4500	.03	.03	.03	.03	.03
39. 7000	.03	.03	.03	.03	.03
39. 9500	.03	.03	.03	.03	.03
40. 2000	.03	.03	.03	.02	.02
40. 4500	.02	.02	.02	.02	.02
40. 7000	.02	.02	.02	.02	.02
40. 9500	.02	.02	.02	.02	.02
41. 2000	.02	.02	.02	.02	.02
41. 4500	.02	.02	.02	.02	.02
41. 7000	.02	.02	.02	.01	.01
41. 9500	.01	.01	.01	.01	.01
42. 2000	.01	.01	.01	.01	.01
42. 4500	.01	.01	.01	.01	.01
42. 7000	.01	.01	.01	.01	.01
42. 9500	.01	.01	.01	.01	.01
43. 2000	.01	.01	.01	.01	.01
43. 4500	.01	.01	.01	.01	.01
43. 7000	.01	.01	.01	.01	.01
43. 9500	.01	.01	.01	.01	.01
44. 2000	.01	.01	.01	.01	.01
44. 4500	.01	.01	.01	.01	.01
44. 7000	.01	.01	.01	.01	.01
44. 9500	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

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Name... REACH 30

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
45. 2000	.01	.01	.01	.01	.01
45. 4500	.01	.01	.01	.01	.01
45. 7000	.01	.01	.01	.01	.01
45. 9500	.01	.01	.01	.01	.01
46. 2000	.01	.01	.01	.01	.01
46. 4500	.01	.01	.01	.01	.01
46. 7000	.01	.01	.01	.01	.01
46. 9500	.01	.01	.01	.01	.01
47. 2000	.01	.01	.01	.01	.01
47. 4500	.01	.01	.01	.01	.01
47. 7000	.01	.01	.01	.01	.01
47. 9500	.01	.01	.01	.01	.01
48. 2000	.01	.01	.01	.01	.01
48. 4500	.01	.01	.01	.01	.01
48. 7000	.01	.01	.01	.01	.01
48. 9500	.01	.01	.01	.01	.01
49. 2000	.01	.01	.01	.01	.01



asbuilt basin 1 2 and 4.txt

49. 4500	.01	.01	.01	.01	.01	.01
49. 7000	.01	.01	.01	.01	.01	.01
49. 9500	.01	.01	.01	.01	.01	.01
50. 2000	.01	.01	.01	.01	.01	.01
50. 4500	.01	.01	.01	.01	.01	.01
50. 7000	.01	.01	.01	.01	.01	.01
50. 9500	.01	.01	.01	.01	.01	.01
51. 2000	.01	.01	.01	.01	.01	.01
51. 4500	.01	.01	.01	.01	.01	.01
51. 7000	.01	.01	.01	.01	.01	.01
51. 9500	.01	.01	.01	.01	.01	.01
52. 2000	.01	.01	.01	.01	.01	.01
52. 4500	.01	.01	.01	.01	.01	.01
52. 7000	.01	.01	.01	.01	.01	.01
52. 9500	.01	.01	.01	.01	.01	.01
53. 2000	.01	.01	.01	.01	.01	.01
53. 4500	.01	.01	.01	.01	.01	.01
53. 7000	.01	.01	.01	.01	.01	.01
53. 9500	.01	.01	.01	.01	.01	.01
54. 2000	.01	.01	.01	.01	.01	.01
54. 4500	.01	.01	.01	.01	.01	.01
54. 7000	.01	.01	.01	.01	.01	.00
54. 9500	.00	.00	.00	.00	.00	.00
55. 2000	.00	.00	.00	.00	.00	.00
55. 4500	.00	.00	.00	.00	.00	.00
55. 7000	.00	.00	.00	.00	.00	.00
55. 9500	.00	.00	.00	.00	.00	.00
56. 2000	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

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Name... REACH 30

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.					
56. 4500	.00	.00	.00	.00	.00	.00
56. 7000	.00	.00	.00	.00	.00	.00
56. 9500	.00	.00	.00	.00	.00	.00
57. 2000	.00	.00	.00	.00	.00	.00
57. 4500	.00	.00	.00	.00	.00	.00
57. 7000	.00	.00	.00	.00	.00	.00
57. 9500	.00	.00	.00	.00	.00	.00
58. 2000	.00	.00	.00	.00	.00	.00
58. 4500	.00	.00	.00	.00	.00	.00
58. 7000	.00	.00	.00	.00	.00	.00
58. 9500	.00	.00	.00	.00	.00	.00
59. 2000	.00	.00	.00	.00	.00	.00
59. 4500	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing Summary

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Name... REACH 30

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: asbuilt basin 1 2 and 4.txt  
25

MODIFIED PULS REACH ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
Inflow HYG file = NONE STORED - J4 25  
Outflow HYG file = NONE STORED - REACH 30 25

Reach Link Data = REACH 30  
Reach Length = 2050.00 ft  
Approx. Total Tt = .1702 hrs (based on Wtd.Q = 572.59 cfs)  
Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
Overflow Elev. = 593.00 ft  
Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
Starting WS Elev = 573.00 ft  
Starting Volume = 0 cu. ft  
Starting Outflow = .00 cfs  
Starting Infiltr. = .00 cfs  
Starting Total Qout = .00 cfs  
Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====

Peak Inflow	=	1208.96 cfs	at	12.7500 hrs
Peak Outflow	=	1188.88 cfs	at	12.8500 hrs

=====

MASS BALANCE (cu. ft)

-----

+ Initial Vol	=	0
+ HYG Vol IN	=	11453160
- Infiltration	=	0
- HYG Vol OUT	=	11453070
- Retained Vol	=	100

-----

Unrouted Vol = 10 cu. ft (.000% of Inflow Volume)

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

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Name... REACH 30 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

POND ROUTED TOTAL OUTFLOW HYG...

HYG file =  
HYG ID = REACH 30  
HYG Tag = 25

-----  
Peak Discharge = 1188.88 cfs  
Time to Peak = 12.8500 hrs

asbuilt basin 1 2 and 4.txt  
 HYG Volume = 11453070 cu. ft

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

---

Time hrs					
3. 4000	.00	.00	.00	.00	.00
3. 6500	.00	.00	.00	.00	.00
3. 9000	.00	.00	.00	.01	.01
4. 1500	.01	.02	.04	.06	.08
4. 4000	.10	.12	.14	.17	.19
4. 6500	.22	.24	.27	.30	.33
4. 9000	.36	.39	.42	.45	.49
5. 1500	.52	.56	.60	.64	.68
5. 4000	.72	.76	.81	.85	.90
5. 6500	.95	.99	1.04	1.09	1.15
5. 9000	1.20	1.25	1.31	1.36	1.42
6. 1500	1.48	1.53	1.59	1.65	1.72
6. 4000	1.78	1.84	1.91	1.98	2.04
6. 6500	2.11	2.19	2.26	2.33	2.41
6. 9000	2.49	2.57	2.66	2.74	2.83
7. 1500	2.92	3.01	3.11	3.20	3.30
7. 4000	3.40	3.51	3.61	3.72	3.83
7. 6500	3.94	4.05	4.16	4.28	4.41
7. 9000	4.64	4.86	5.06	5.27	5.46
8. 1500	5.66	5.85	6.04	6.23	6.42
8. 4000	6.62	6.82	7.03	7.25	7.48
8. 6500	7.73	8.00	8.29	8.61	8.95
8. 9000	9.32	9.70	10.11	10.54	10.98
9. 1500	11.45	11.93	12.44	12.97	13.52
9. 4000	14.10	14.87	15.65	16.42	17.20
9. 6500	18.00	18.83	19.70	20.59	21.50
9. 9000	22.43	23.39	24.37	25.37	26.41
10. 1500	27.47	28.62	29.92	31.23	32.56
10. 4000	33.92	35.34	36.81	38.32	39.89
10. 6500	41.51	43.19	44.93	46.79	48.92
10. 9000	51.11	53.37	55.74	58.25	60.88

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

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Name... REACH 30

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

---

Time hrs					
11. 1500	63.64	66.55	69.71	73.27	77.01
11. 4000	80.98	85.24	89.82	94.80	100.75
11. 6500	107.65	116.17	127.33	142.77	163.33
11. 9000	191.79	229.95	279.69	341.23	412.24
12. 1500	488.17	565.29	641.13	714.07	783.54
12. 4000	850.12	914.72	975.59	1031.05	1079.98
12. 6500	1120.92	1152.25	1174.06	1186.20	1188.88
12. 9000	1182.64	1168.49	1147.34	1119.93	1086.93
13. 1500	1049.72	1010.37	968.88	926.92	885.37
13. 4000	844.65	805.49	766.84	730.14	695.61
13. 6500	664.09	635.02	607.71	582.65	559.07

asbuilt basin 1 2 and 4.txt

13. 9000	536.75	516.13	496.74	478.32	460.91
14. 1500	444.84	429.52	414.92	401.01	388.25
14. 4000	376.08	364.47	353.40	342.88	333.18
14. 6500	323.89	315.01	306.51	298.37	290.54
14. 9000	283.15	275.73	268.28	260.82	253.40
15. 1500	246.09	239.12	232.48	226.06	219.92
15. 4000	214.05	208.46	203.13	198.11	193.48
15. 6500	189.02	184.74	180.65	176.74	172.99
15. 9000	169.40	165.94	162.63	159.49	156.60
16. 1500	153.80	151.09	148.49	145.97	143.57
16. 4000	141.27	139.08	136.99	134.97	133.02
16. 6500	131.14	129.32	127.56	125.86	124.29
16. 9000	122.78	121.31	119.87	118.48	117.14
17. 1500	115.84	114.59	113.38	112.22	111.10
17. 4000	110.02	108.98	107.97	107.01	106.09
17. 6500	105.20	104.34	103.51	102.69	101.90
17. 9000	101.12	100.36	99.61	98.88	98.16
18. 1500	97.46	96.76	96.08	95.41	94.77
18. 4000	94.16	93.55	92.94	92.33	91.72
18. 6500	91.12	90.51	89.91	89.31	88.71
18. 9000	88.12	87.53	86.94	86.35	85.76
19. 1500	85.17	84.59	84.01	83.43	82.85
19. 4000	82.27	81.70	81.12	80.55	79.97
19. 6500	79.40	78.83	78.26	77.68	77.12
19. 9000	76.56	76.01	75.45	74.90	74.35
20. 1500	73.79	73.24	72.69	72.14	71.59
20. 4000	71.05	70.51	69.99	69.46	68.95
20. 6500	68.47	68.01	67.56	67.11	66.66
20. 9000	66.23	65.80	65.39	64.99	64.60
21. 1500	64.22	63.86	63.52	63.18	62.86
21. 4000	62.56	62.26	61.98	61.71	61.45
21. 6500	61.20	60.97	60.74	60.52	60.31
21. 9000	60.10	59.91	59.72	59.53	59.36
22. 1500	59.18	59.02	58.85	58.69	58.54

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Reach Routing (HYG output)

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Name... REACH 30

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
22. 4000	58.39	58.24	58.10	57.95	57.81
22. 6500	57.68	57.54	57.41	57.27	57.14
22. 9000	57.02	56.89	56.76	56.64	56.51
23. 1500	56.39	56.27	56.15	56.03	55.91
23. 4000	55.79	55.67	55.56	55.44	55.32
23. 6500	55.21	55.09	54.98	54.86	54.75
23. 9000	54.63	54.52	54.40	54.28	54.14
24. 1500	53.94	53.66	53.28	52.78	52.18
24. 4000	51.48	50.70	49.86	48.96	47.99
24. 6500	46.95	45.89	44.81	43.63	42.37
24. 9000	41.04	39.62	38.15	36.61	35.05
25. 1500	33.50	31.95	30.42	28.91	27.54
25. 4000	26.28	25.02	23.77	22.54	21.33
25. 6500	20.18	19.08	18.04	17.06	16.13
25. 9000	15.25	14.41	13.74	13.15	12.58

asbuilt basin 1 2 and 4.txt

26. 1500	12.02	11.48	10.95	10.43	9.94
26. 4000	9.46	9.00	8.55	8.13	7.72
26. 6500	7.33	6.97	6.64	6.33	6.04
26. 9000	5.77	5.52	5.28	5.05	4.84
27. 1500	4.64	4.45	4.32	4.23	4.14
27. 4000	4.04	3.95	3.86	3.77	3.68
27. 6500	3.59	3.50	3.41	3.32	3.24
27. 9000	3.15	3.07	2.99	2.91	2.83
28. 1500	2.76	2.69	2.61	2.54	2.47
28. 4000	2.41	2.34	2.28	2.22	2.16
28. 6500	2.10	2.05	1.99	1.94	1.89
28. 9000	1.84	1.79	1.74	1.70	1.66
29. 1500	1.61	1.57	1.53	1.49	1.46
29. 4000	1.42	1.39	1.35	1.32	1.29
29. 6500	1.26	1.23	1.20	1.17	1.14
29. 9000	1.12	1.09	1.07	1.04	1.02
30. 1500	.99	.97	.95	.93	.91
30. 4000	.89	.87	.85	.83	.82
30. 6500	.80	.78	.77	.75	.74
30. 9000	.72	.71	.69	.68	.66
31. 1500	.65	.64	.63	.61	.60
31. 4000	.59	.58	.57	.56	.55
31. 6500	.54	.53	.52	.51	.50
31. 9000	.49	.48	.47	.46	.45
32. 1500	.44	.44	.43	.42	.41
32. 4000	.40	.40	.39	.38	.38
32. 6500	.37	.36	.36	.35	.34
32. 9000	.34	.33	.33	.32	.31
33. 1500	.31	.30	.30	.29	.29
33. 4000	.28	.28	.27	.27	.26

S/N:

PondPack Ver:

Compute Time:

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Type... Reach Routing (HYG output)

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Name... REACH 30

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
33. 6500	.26	.25	.25	.25	.24
33. 9000	.24	.23	.23	.23	.22
34. 1500	.22	.21	.21	.21	.20
34. 4000	.20	.20	.19	.19	.19
34. 6500	.18	.18	.18	.17	.17
34. 9000	.17	.16	.16	.16	.16
35. 1500	.15	.15	.15	.15	.14
35. 4000	.14	.14	.14	.13	.13
35. 6500	.13	.13	.13	.12	.12
35. 9000	.12	.12	.11	.11	.11
36. 1500	.11	.11	.11	.10	.10
36. 4000	.10	.10	.10	.09	.09
36. 6500	.09	.09	.09	.09	.09
36. 9000	.08	.08	.08	.08	.08
37. 1500	.08	.08	.07	.07	.07
37. 4000	.07	.07	.07	.07	.07
37. 6500	.06	.06	.06	.06	.06
37. 9000	.06	.06	.06	.06	.06
38. 1500	.05	.05	.05	.05	.05

asbuilt basin 1 2 and 4.txt

38. 4000	.05	.05	.05	.05	.05
38. 6500	.05	.05	.04	.04	.04
38. 9000	.04	.04	.04	.04	.04
39. 1500	.04	.04	.04	.04	.04
39. 4000	.04	.03	.03	.03	.03
39. 6500	.03	.03	.03	.03	.03
39. 9000	.03	.03	.03	.03	.03
40. 1500	.03	.03	.03	.03	.03
40. 4000	.03	.02	.02	.02	.02
40. 6500	.02	.02	.02	.02	.02
40. 9000	.02	.02	.02	.02	.02
41. 1500	.02	.02	.02	.02	.02
41. 4000	.02	.02	.02	.02	.02
41. 6500	.02	.02	.02	.02	.02
41. 9000	.02	.01	.01	.01	.01
42. 1500	.01	.01	.01	.01	.01
42. 4000	.01	.01	.01	.01	.01
42. 6500	.01	.01	.01	.01	.01
42. 9000	.01	.01	.01	.01	.01
43. 1500	.01	.01	.01	.01	.01
43. 4000	.01	.01	.01	.01	.01
43. 6500	.01	.01	.01	.01	.01
43. 9000	.01	.01	.01	.01	.01
44. 1500	.01	.01	.01	.01	.01
44. 4000	.01	.01	.01	.01	.01
44. 6500	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.56

Name... REACH 30

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
44. 9000	.01	.01	.01	.01	.01
45. 1500	.01	.01	.01	.01	.01
45. 4000	.01	.01	.01	.01	.01
45. 6500	.01	.01	.01	.01	.01
45. 9000	.01	.01	.01	.01	.01
46. 1500	.01	.01	.01	.01	.01
46. 4000	.01	.01	.01	.01	.01
46. 6500	.01	.01	.01	.01	.01
46. 9000	.01	.01	.01	.01	.01
47. 1500	.01	.01	.01	.01	.01
47. 4000	.01	.01	.01	.01	.01
47. 6500	.01	.01	.01	.01	.01
47. 9000	.01	.01	.01	.01	.01
48. 1500	.01	.01	.01	.01	.01
48. 4000	.01	.01	.01	.01	.01
48. 6500	.01	.01	.01	.01	.01
48. 9000	.01	.01	.01	.01	.01
49. 1500	.01	.01	.01	.01	.01
49. 4000	.01	.01	.01	.01	.01
49. 6500	.01	.01	.01	.01	.01
49. 9000	.01	.01	.01	.01	.01
50. 1500	.01	.01	.01	.01	.01
50. 4000	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

50. 6500	.01	.01	.01	.01	.01	.01
50. 9000	.01	.01	.01	.01	.01	.01
51. 1500	.01	.01	.01	.01	.01	.01
51. 4000	.01	.01	.01	.01	.01	.01
51. 6500	.01	.01	.01	.01	.01	.01
51. 9000	.01	.01	.01	.01	.01	.01
52. 1500	.01	.01	.01	.01	.01	.01
52. 4000	.01	.01	.01	.01	.01	.01
52. 6500	.01	.01	.01	.01	.01	.01
52. 9000	.01	.01	.01	.01	.01	.01
53. 1500	.01	.01	.01	.01	.01	.01
53. 4000	.01	.01	.01	.01	.01	.01
53. 6500	.01	.01	.01	.01	.01	.01
53. 9000	.01	.01	.01	.01	.01	.01
54. 1500	.01	.01	.01	.01	.01	.01
54. 4000	.01	.01	.01	.01	.01	.01
54. 6500	.01	.01	.01	.01	.01	.01
54. 9000	.01	.01	.00	.00	.00	.00
55. 1500	.00	.00	.00	.00	.00	.00
55. 4000	.00	.00	.00	.00	.00	.00
55. 6500	.00	.00	.00	.00	.00	.00
55. 9000	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9.57

Name... REACH 30

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.					
56. 1500	.00	.00	.00	.00	.00	.00
56. 4000	.00	.00	.00	.00	.00	.00
56. 6500	.00	.00	.00	.00	.00	.00
56. 9000	.00	.00	.00	.00	.00	.00
57. 1500	.00	.00	.00	.00	.00	.00
57. 4000	.00	.00	.00	.00	.00	.00
57. 6500	.00	.00	.00	.00	.00	.00
57. 9000	.00	.00	.00	.00	.00	.00
58. 1500	.00	.00	.00	.00	.00	.00
58. 4000	.00	.00	.00	.00	.00	.00
58. 6500	.00	.00	.00	.00	.00	.00
58. 9000	.00	.00	.00	.00	.00	.00
59. 1500	.00	.00	.00	.00	.00	.00
59. 4000	.00	.00	.00	.00	.00	.00
59. 6500	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing Summary

Page 9.58

Name... REACH 30

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

MODIFIED PULS REACH ROUTING SUMMARY

asbuilt basin 1 2 and 4.txt

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J4 100  
 Outflow HYG file = NONE STORED - REACH 30 100

Reach Link Data = REACH 30  
 Reach Length = 2050.00 ft  
 Approx. Total Tt = .1580 hrs (based on Wtd.Q = 757.39 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 573.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====  
 Peak Inflow = 1613.23 cfs at 12.7000 hrs  
 Peak Outflow = 1589.79 cfs at 12.8000 hrs  
 =====

MASS BALANCE (cu. ft)

-----  
 + Initial Vol = 0  
 + HYG Vol IN = 15347770  
 - Infiltration = 0  
 - HYG Vol OUT = 15347690  
 - Retained Vol = 100  
 -----  
 Unrouted Vol = 19 cu. ft (.000% of Inflow Volume)

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9.59

Name... REACH 30 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

POND ROUTED TOTAL OUTFLOW HYG...

HYG file =  
 HYG ID = REACH 30  
 HYG Tag = 100

-----  
 Peak Discharge = 1589.79 cfs  
 Time to Peak = 12.8000 hrs  
 HYG Volume = 15347690 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)



asbuilt basin 1 2 and 4.txt

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
2. 8500	.00	.00	.00	.00	.00
3. 1000	.00	.00	.00	.00	.00
3. 3500	.00	.00	.01	.01	.01
3. 6000	.03	.06	.08	.11	.14
3. 8500	.16	.19	.22	.25	.29
4. 1000	.32	.35	.39	.42	.46
4. 3500	.50	.54	.58	.63	.67
4. 6000	.72	.77	.81	.87	.92
4. 8500	.97	1.03	1.08	1.14	1.20
5. 1000	1.26	1.32	1.39	1.45	1.52
5. 3500	1.58	1.65	1.72	1.79	1.87
5. 6000	1.94	2.02	2.09	2.17	2.26
5. 8500	2.34	2.43	2.52	2.61	2.70
6. 1000	2.80	2.90	3.01	3.11	3.22
6. 3500	3.33	3.44	3.56	3.68	3.80
6. 6000	3.92	4.05	4.18	4.31	4.50
6. 8500	4.75	5.00	5.23	5.46	5.69
7. 1000	5.91	6.12	6.33	6.55	6.76
7. 3500	6.97	7.19	7.41	7.63	7.86
7. 6000	8.11	8.38	8.67	8.98	9.30
7. 8500	9.63	9.98	10.34	10.72	11.10
8. 1000	11.50	11.91	12.34	12.78	13.25
8. 3500	13.74	14.30	15.00	15.70	16.41
8. 6000	17.14	17.89	18.67	19.49	20.34
8. 8500	21.20	22.09	23.00	23.94	24.89
9. 1000	25.87	26.87	27.90	29.08	30.32
9. 3500	31.55	32.78	34.02	35.29	36.58
9. 6000	37.88	39.18	40.50	41.82	43.16
9. 8500	44.52	45.90	47.42	49.01	50.60
10. 1000	52.21	53.85	55.53	57.26	59.04
10. 3500	60.88	62.77	64.73	66.75	68.85

S/N:

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Compute Time:

Date:

Type... Reach Routing (HYG output)

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Name... REACH 30 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
10. 6000	71.22	73.66	76.16	78.77	81.52
10. 8500	84.42	87.48	90.69	94.06	97.78
11. 1000	101.74	105.85	110.19	114.81	119.74
11. 3500	125.00	130.93	137.24	143.97	151.31
11. 6000	159.55	169.71	182.14	197.96	219.59
11. 8500	248.61	288.51	341.74	410.16	493.51
12. 1000	588.03	688.62	791.38	897.23	1003.26
12. 3500	1101.25	1190.15	1272.03	1347.54	1414.37
12. 6000	1472.69	1520.83	1556.89	1579.61	1589.79
12. 8500	1587.64	1573.86	1549.87	1516.63	1475.59
13. 1000	1427.59	1374.77	1319.32	1261.80	1204.58
13. 3500	1148.01	1093.88	1041.70	992.74	946.26
13. 6000	903.10	862.04	823.77	786.92	751.49
13. 8500	718.58	688.16	660.45	634.64	610.35
14. 1000	587.93	566.91	546.98	528.17	510.79

asbuilt basin 1 2 and 4.txt

14. 3500	494.29	478.63	463.76	450.11	437.11
14. 6000	424.73	412.96	401.76	391.40	381.50
14. 8500	372.07	363.06	354.44	346.22	338.55
15. 1000	331.27	324.26	317.56	311.14	304.97
15. 3500	299.02	293.28	287.84	282.64	277.53
15. 6000	272.42	267.23	261.84	256.24	250.48
15. 8500	244.63	238.93	233.32	227.81	222.46
16. 1000	217.31	212.36	207.62	203.09	198.79
16. 3500	194.86	191.06	187.41	183.92	180.59
16. 6000	177.42	174.40	171.51	168.74	166.08
16. 8500	163.55	161.12	158.87	156.74	154.69
17. 1000	152.70	150.79	148.95	147.19	145.50
17. 3500	143.88	142.33	140.86	139.45	138.10
17. 6000	136.81	135.55	134.35	133.18	132.04
17. 8500	130.93	129.86	128.81	127.78	126.78
18. 1000	125.80	124.89	123.99	123.10	122.23
18. 3500	121.35	120.49	119.64	118.79	117.95
18. 6000	117.12	116.30	115.49	114.68	113.88
18. 8500	113.08	112.29	111.50	110.72	109.95
19. 1000	109.17	108.40	107.64	106.88	106.12
19. 3500	105.38	104.64	103.91	103.18	102.44
19. 6000	101.71	100.98	100.26	99.53	98.80
19. 8500	98.07	97.34	96.62	95.89	95.17
20. 1000	94.49	93.81	93.12	92.43	91.74
20. 3500	91.05	90.37	89.68	89.01	88.34
20. 6000	87.68	87.04	86.40	85.78	85.17
20. 8500	84.58	84.00	83.44	82.90	82.38
21. 1000	81.88	81.40	80.94	80.49	80.07
21. 3500	79.66	79.28	78.91	78.55	78.22
21. 6000	77.89	77.59	77.29	77.01	76.74

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

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Name... REACH 30

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
21. 8500	76.48	76.23	75.99	75.77	75.54
22. 1000	75.33	75.12	74.92	74.72	74.52
22. 3500	74.33	74.14	73.96	73.78	73.60
22. 6000	73.43	73.26	73.09	72.92	72.76
22. 8500	72.59	72.43	72.28	72.12	71.96
23. 1000	71.81	71.65	71.50	71.35	71.20
23. 3500	71.05	70.90	70.75	70.60	70.45
23. 6000	70.30	70.16	70.01	69.87	69.72
23. 8500	69.57	69.43	69.28	69.14	68.98
24. 1000	68.79	68.55	68.21	67.73	67.11
24. 3500	66.35	65.47	64.48	63.39	62.21
24. 6000	60.93	59.55	58.05	56.44	54.71
24. 8500	52.90	51.03	49.10	47.12	45.24
25. 1000	43.38	41.47	39.52	37.55	35.62
25. 3500	33.74	31.92	30.15	28.45	27.01
25. 6000	25.63	24.27	22.94	21.66	20.44
25. 8500	19.29	18.21	17.19	16.23	15.32
26. 1000	14.47	13.77	13.17	12.60	12.03
26. 3500	11.48	10.95	10.43	9.94	9.46

asbuilt basin 1 2 and 4.txt

26. 6000	9.00	8.55	8.13	7.72	7.33
26. 8500	6.97	6.64	6.33	6.04	5.77
27. 1000	5.52	5.28	5.06	4.85	4.65
27. 3500	4.46	4.33	4.23	4.14	4.05
27. 6000	3.96	3.87	3.77	3.68	3.59
27. 8500	3.51	3.42	3.33	3.25	3.16
28. 1000	3.08	3.00	2.92	2.84	2.77
28. 3500	2.70	2.62	2.55	2.49	2.42
28. 6000	2.36	2.29	2.23	2.17	2.12
28. 8500	2.06	2.01	1.95	1.90	1.85
29. 1000	1.81	1.76	1.72	1.67	1.63
29. 3500	1.59	1.55	1.51	1.47	1.44
29. 6000	1.40	1.37	1.34	1.30	1.27
29. 8500	1.24	1.22	1.19	1.16	1.13
30. 1000	1.11	1.08	1.06	1.03	1.01
30. 3500	.99	.97	.95	.93	.91
30. 6000	.89	.87	.85	.83	.82
30. 8500	.80	.78	.77	.75	.74
31. 1000	.72	.71	.69	.68	.67
31. 3500	.65	.64	.63	.61	.60
31. 6000	.59	.58	.57	.56	.55
31. 8500	.54	.53	.52	.51	.50
32. 1000	.49	.48	.47	.46	.45
32. 3500	.45	.44	.43	.42	.41
32. 6000	.41	.40	.39	.39	.38
32. 8500	.37	.37	.36	.35	.35

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

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Name... REACH 30 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
33. 1000	.34	.33	.33	.32	.32
33. 3500	.31	.31	.30	.30	.29
33. 6000	.29	.28	.28	.27	.27
33. 8500	.26	.26	.25	.25	.24
34. 1000	.24	.24	.23	.23	.22
34. 3500	.22	.22	.21	.21	.20
34. 6000	.20	.20	.19	.19	.19
34. 8500	.18	.18	.18	.18	.17
35. 1000	.17	.17	.16	.16	.16
35. 3500	.16	.15	.15	.15	.14
35. 6000	.14	.14	.14	.14	.13
35. 8500	.13	.13	.13	.12	.12
36. 1000	.12	.12	.12	.11	.11
36. 3500	.11	.11	.11	.10	.10
36. 6000	.10	.10	.10	.10	.09
36. 8500	.09	.09	.09	.09	.09
37. 1000	.08	.08	.08	.08	.08
37. 3500	.08	.08	.08	.07	.07
37. 6000	.07	.07	.07	.07	.07
37. 8500	.07	.06	.06	.06	.06
38. 1000	.06	.06	.06	.06	.06
38. 3500	.06	.05	.05	.05	.05
38. 6000	.05	.05	.05	.05	.05

asbuilt basin 1 2 and 4.txt

38. 8500	.05	.05	.04	.04	.04
39. 1000	.04	.04	.04	.04	.04
39. 3500	.04	.04	.04	.04	.04
39. 6000	.04	.04	.03	.03	.03
39. 8500	.03	.03	.03	.03	.03
40. 1000	.03	.03	.03	.03	.03
40. 3500	.03	.03	.03	.03	.03
40. 6000	.03	.03	.02	.02	.02
40. 8500	.02	.02	.02	.02	.02
41. 1000	.02	.02	.02	.02	.02
41. 3500	.02	.02	.02	.02	.02
41. 6000	.02	.02	.02	.02	.02
41. 8500	.02	.02	.02	.02	.02
42. 1000	.02	.01	.01	.01	.01
42. 3500	.01	.01	.01	.01	.01
42. 6000	.01	.01	.01	.01	.01
42. 8500	.01	.01	.01	.01	.01
43. 1000	.01	.01	.01	.01	.01
43. 3500	.01	.01	.01	.01	.01
43. 6000	.01	.01	.01	.01	.01
43. 8500	.01	.01	.01	.01	.01
44. 1000	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

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Name... REACH 30 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
44. 3500	.01	.01	.01	.01	.01
44. 6000	.01	.01	.01	.01	.01
44. 8500	.01	.01	.01	.01	.01
45. 1000	.01	.01	.01	.01	.01
45. 3500	.01	.01	.01	.01	.01
45. 6000	.01	.01	.01	.01	.01
45. 8500	.01	.01	.01	.01	.01
46. 1000	.01	.01	.01	.01	.01
46. 3500	.01	.01	.01	.01	.01
46. 6000	.01	.01	.01	.01	.01
46. 8500	.01	.01	.01	.01	.01
47. 1000	.01	.01	.01	.01	.01
47. 3500	.01	.01	.01	.01	.01
47. 6000	.01	.01	.01	.01	.01
47. 8500	.01	.01	.01	.01	.01
48. 1000	.01	.01	.01	.01	.01
48. 3500	.01	.01	.01	.01	.01
48. 6000	.01	.01	.01	.01	.01
48. 8500	.01	.01	.01	.01	.01
49. 1000	.01	.01	.01	.01	.01
49. 3500	.01	.01	.01	.01	.01
49. 6000	.01	.01	.01	.01	.01
49. 8500	.01	.01	.01	.01	.01
50. 1000	.01	.01	.01	.01	.01
50. 3500	.01	.01	.01	.01	.01
50. 6000	.01	.01	.01	.01	.01
50. 8500	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

51. 1000	.01	.01	.01	.01	.01	.01
51. 3500	.01	.01	.01	.01	.01	.01
51. 6000	.01	.01	.01	.01	.01	.01
51. 8500	.01	.01	.01	.01	.01	.01
52. 1000	.01	.01	.01	.01	.01	.01
52. 3500	.01	.01	.01	.01	.01	.01
52. 6000	.01	.01	.01	.01	.01	.01
52. 8500	.01	.01	.01	.01	.01	.01
53. 1000	.01	.01	.01	.01	.01	.01
53. 3500	.01	.01	.01	.01	.01	.01
53. 6000	.01	.01	.01	.01	.01	.01
53. 8500	.01	.01	.01	.01	.01	.01
54. 1000	.01	.01	.01	.01	.01	.01
54. 3500	.01	.01	.01	.01	.01	.01
54. 6000	.01	.01	.01	.01	.01	.01
54. 8500	.01	.01	.01	.01	.01	.01
55. 1000	.01	.01	.00	.00	.00	.00
55. 3500	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.64

Name... REACH 30

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.					
55. 6000	.00	.00	.00	.00	.00	.00
55. 8500	.00	.00	.00	.00	.00	.00
56. 1000	.00	.00	.00	.00	.00	.00
56. 3500	.00	.00	.00	.00	.00	.00
56. 6000	.00	.00	.00	.00	.00	.00
56. 8500	.00	.00	.00	.00	.00	.00
57. 1000	.00	.00	.00	.00	.00	.00
57. 3500	.00	.00	.00	.00	.00	.00
57. 6000	.00	.00	.00	.00	.00	.00
57. 8500	.00	.00	.00	.00	.00	.00
58. 1000	.00	.00	.00	.00	.00	.00
58. 3500	.00	.00	.00	.00	.00	.00
58. 6000	.00	.00	.00	.00	.00	.00
58. 8500	.00	.00	.00	.00	.00	.00
59. 1000	.00	.00	.00	.00	.00	.00
59. 3500	.00	.00	.00	.00	.00	.00
59. 6000	.00	.00	.00	.00	.00	.00
59. 8500	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach E-V-Q Table

Page 9.65

Name... REACH 40

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

MODIFIED PULS REACH DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J5 15

asbuilt basin 1 2 and 4.txt  
 Outflow HYG file = NONE STORED - REACH 40 15

Reach Link Data = REACH 40  
 Reach Length = 1095.00 ft  
 Approx. Total Tt = .0927 hrs (based on Wtd.Q = 533.07 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 573.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
573.00	.00	0	0	.00	.00	.00
573.01	.01	165	16469	.00	.01	1.84
573.40	4.38	6921	18177	.00	4.38	81.28
573.80	14.11	14541	19929	.00	14.11	175.68
574.20	28.22	22864	21681	.00	28.22	282.26
574.60	46.44	31886	23433	.00	46.44	400.72
575.00	68.71	41610	25185	.00	68.71	531.05
575.40	95.06	52035	26937	.00	95.06	673.23
575.80	125.54	63159	28689	.00	125.54	827.31
576.20	160.25	74986	30441	.00	160.25	993.43
576.60	199.28	87512	32193	.00	199.28	1171.63
577.00	242.75	100740	33945	.00	242.75	1362.08
577.40	290.78	114669	35697	.00	290.78	1564.88
577.80	343.48	129297	37449	.00	343.48	1780.12
578.20	401.00	144628	39201	.00	401.00	2007.98
578.60	463.44	160657	40953	.00	463.44	2248.52
579.00	530.95	177390	42705	.00	530.95	2501.95
579.40	603.65	194824	44457	.00	603.65	2768.35
579.80	681.65	212955	46209	.00	681.65	3047.81
580.20	765.10	231790	47961	.00	765.10	3340.55

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach E-V-Q Table

Page 9.66

Name... REACH 40

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

MODIFIED PULS REACH DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J5 15  
 Outflow HYG file = NONE STORED - REACH 40 15

Reach Link Data = REACH 40  
 Reach Length = 1095.00 ft  
 Approx. Total Tt = .0927 hrs (based on Wtd.Q = 533.07 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft

asbuilt basin 1 2 and 4.txt

Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

```

-----
Starting WS Elev   = 573.00 ft
Starting Volume    = 0 cu. ft
Starting Outflow   = .00 cfs
Starting Infiltr.  = .00 cfs
Starting Total Qout = .00 cfs
Time Increment     = .0500 hrs

```

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
580.60	854.10	251323	49713	.00	854.10	3646.58
581.00	948.81	271560	51465	.00	948.81	3966.15
581.40	1049.34	292498	53217	.00	1049.34	4299.32
581.80	1155.80	314133	54969	.00	1155.80	4646.16
582.20	1268.33	336472	56721	.00	1268.33	5006.91
582.60	1387.03	359509	58473	.00	1387.03	5381.57
583.00	1512.05	383250	60225	.00	1512.05	5770.39
583.40	1643.51	407692	61977	.00	1643.51	6173.42
583.80	1781.49	432831	63729	.00	1781.49	6590.72
584.20	1926.15	458674	65481	.00	1926.15	7022.53
584.60	2077.58	485215	67233	.00	2077.58	7468.85
585.00	2235.92	512460	68985	.00	2235.92	7929.92
585.40	2401.29	540406	70737	.00	2401.29	8405.80
585.80	2573.76	569049	72489	.00	2573.76	8896.52
586.20	2753.50	598397	74241	.00	2753.50	9402.35
586.60	2940.57	628441	75993	.00	2940.57	9923.24
587.00	3135.13	659190	77745	.00	3135.13	10459.47
587.40	3337.29	690640	79497	.00	3337.29	11011.07
587.80	3547.10	722787	81249	.00	3547.10	11578.07
588.20	3764.76	755639	83001	.00	3764.76	12160.74

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach E-V-Q Table

Page 9.67

Name... REACH 40

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

MODIFIED PULS REACH DATA

```

HYG Dir           = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\
Inflow HYG file   = NONE STORED - J5           15
Outflow HYG file  = NONE STORED - REACH 40      15

```

```

Reach Link Data   = REACH 40
Reach Length      = 1095.00 ft
Approx. Total Tt  = .0927 hrs (based on Wtd.Q = 533.07 cfs)
Reach Channel     = Chn-Trapz - 1 (Chn-Trapz.)
Overflow Elev.    = 593.00 ft
Overflow Channel   = NONE

```

No Infiltration

INITIAL CONDITIONS

```

-----
Starting WS Elev   = 573.00 ft

```

```

Starting Volume = 0 cu. ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout = .00 cfs
Time Increment = .0500 hrs

```

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
588.60	3990.29	789186	84753	.00	3990.29	12759.02
589.00	4223.88	823440	86505	.00	4223.88	13373.21
589.40	4465.60	858395	88257	.00	4465.60	14003.31
589.80	4715.52	894045	90009	.00	4715.52	14649.35
590.20	4973.83	930401	91761	.00	4973.83	15311.62
590.60	5240.55	967452	93513	.00	5240.55	15990.02
591.00	5515.87	1005210	95265	.00	5515.87	16684.87
591.40	5799.85	1043669	97017	.00	5799.85	17396.17
591.80	6092.55	1082822	98769	.00	6092.55	18123.91
592.20	6394.18	1122683	100521	.00	6394.18	18868.43
592.60	6704.73	1163238	102273	.00	6704.73	19629.59
593.00	7024.40	1204500	104025	.00	7024.40	20407.73

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing Summary

Page 9.68

Name... REACH 40 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

MODIFIED PULS REACH ROUTING SUMMARY

```

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\
Inflow HYG file = NONE STORED - J5 15
Outflow HYG file = NONE STORED - REACH 40 15

```

```

Reach Link Data = REACH 40
Reach Length = 1095.00 ft
Approx. Total Tt = .0927 hrs (based on Wtd. Q = 533.07 cfs)
Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)
Overflow Elev. = 593.00 ft
Overflow Channel = NONE

```

No Infiltration

INITIAL CONDITIONS

```

-----
Starting WS Elev = 573.00 ft
Starting Volume = 0 cu. ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout = .00 cfs
Time Increment = .0500 hrs

```

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

```

=====
Peak Inflow = 1110.20 cfs at 12.8500 hrs
Peak Outflow = 1105.06 cfs at 12.9000 hrs
=====

```



MASS BALANCE (cu. ft)

```

-----
+ Initial Vol = 0
+ HYG Vol IN = 10744690
- Infiltration = 0
- HYG Vol OUT = 10744660
- Retained Vol = 53
-----
Unrouted Vol = 27 cu. ft (.000% of Inflow Volume)
    
```

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.69

Name... REACH 40 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

POND ROUTED TOTAL OUTFLOW HYG...

```

HYG file =
HYG ID = REACH 40
HYG Tag = 15
    
```

```

-----
Peak Discharge = 1105.06 cfs
Time to Peak = 12.9000 hrs
HYG Volume = 10744660 cu. ft
-----
    
```

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
4.0500	.00	.00	.00	.00	.00
4.3000	.00	.00	.00	.00	.00
4.5500	.00	.00	.00	.00	.00
4.8000	.00	.01	.01	.01	.03
5.0500	.05	.08	.10	.12	.15
5.3000	.17	.19	.22	.25	.27
5.5500	.30	.33	.36	.39	.42
5.8000	.45	.49	.52	.56	.59
6.0500	.63	.67	.71	.74	.79
6.3000	.83	.87	.91	.96	1.00
6.5500	1.05	1.10	1.14	1.19	1.24
6.8000	1.29	1.34	1.40	1.45	1.51
7.0500	1.56	1.62	1.68	1.73	1.80
7.3000	1.86	1.92	1.98	2.05	2.12
7.5500	2.19	2.26	2.33	2.40	2.48
7.8000	2.55	2.63	2.71	2.80	2.88
8.0500	2.97	3.06	3.15	3.24	3.33
8.3000	3.43	3.52	3.63	3.74	3.87
8.5500	4.01	4.16	4.32	4.56	4.86
8.8000	5.14	5.42	5.68	5.94	6.19
9.0500	6.45	6.70	6.96	7.23	7.51
9.3000	7.81	8.12	8.46	8.81	9.18
9.5500	9.58	10.00	10.44	10.91	11.40
9.8000	11.91	12.45	13.03	13.67	14.42
10.0500	15.34	16.25	17.17	18.11	19.06
10.3000	20.03	21.03	22.06	23.13	24.24
10.5500	25.39	26.61	27.91	29.48	31.13

asbuilt basin 1 2 and 4.txt

10. 8000	32. 81	34. 53	36. 30	38. 14	40. 06
11. 0500	42. 07	44. 19	46. 44	49. 13	51. 92
11. 3000	54. 83	57. 89	61. 12	64. 52	68. 14
11. 5500	72. 35	76. 90	81. 89	87. 62	94. 63

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.70

Name... REACH 40

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
11. 8000	104. 29	117. 03	134. 82	159. 78	194. 36
12. 0500	239. 43	295. 87	362. 25	434. 82	509. 62
12. 3000	583. 60	654. 86	722. 54	786. 46	846. 74
12. 5500	903. 27	954. 30	999. 64	1037. 33	1067. 11
12. 8000	1088. 31	1100. 84	1105. 06	1101. 45	1090. 71
13. 0500	1073. 51	1050. 53	1023. 28	992. 15	957. 92
13. 3000	922. 13	884. 86	846. 66	809. 14	772. 52
13. 5500	738. 28	705. 87	675. 32	647. 02	620. 04
13. 8000	594. 49	570. 35	547. 03	524. 75	503. 91
14. 0500	484. 01	465. 02	447. 34	430. 31	414. 13
14. 3000	398. 95	385. 00	371. 79	359. 42	347. 80
14. 5500	337. 04	326. 85	316. 96	307. 36	298. 02
14. 8000	288. 92	280. 19	271. 53	263. 09	254. 97
15. 0500	247. 21	239. 89	233. 02	226. 39	220. 04
15. 3000	214. 05	208. 42	203. 10	198. 12	193. 53
15. 5500	189. 11	184. 87	180. 81	176. 93	173. 25
15. 8000	169. 77	166. 43	163. 23	160. 14	157. 30
16. 0500	154. 50	151. 79	149. 16	146. 63	144. 18
16. 3000	141. 82	139. 55	137. 37	135. 30	133. 31
16. 5500	131. 41	129. 57	127. 78	126. 05	124. 43
16. 8000	122. 87	121. 33	119. 82	118. 36	116. 95
17. 0500	115. 59	114. 29	113. 03	111. 82	110. 65
17. 3000	109. 52	108. 43	107. 38	106. 36	105. 38
17. 5500	104. 44	103. 52	102. 65	101. 82	101. 00
17. 8000	100. 20	99. 41	98. 64	97. 88	97. 14
18. 0500	96. 42	95. 71	95. 02	94. 38	93. 74
18. 3000	93. 10	92. 46	91. 83	91. 20	90. 58
18. 5500	89. 96	89. 36	88. 75	88. 15	87. 56
18. 8000	86. 97	86. 39	85. 80	85. 23	84. 65
19. 0500	84. 08	83. 51	82. 95	82. 40	81. 85
19. 3000	81. 30	80. 76	80. 21	79. 67	79. 13
19. 5500	78. 58	78. 04	77. 50	76. 95	76. 41
19. 8000	75. 86	75. 32	74. 77	74. 24	73. 72
20. 0500	73. 20	72. 68	72. 16	71. 64	71. 11
20. 3000	70. 59	70. 07	69. 55	69. 04	68. 54
20. 5500	68. 07	67. 60	67. 12	66. 65	66. 18
20. 8000	65. 72	65. 27	64. 83	64. 40	63. 98
21. 0500	63. 57	63. 17	62. 79	62. 42	62. 06
21. 3000	61. 71	61. 38	61. 06	60. 76	60. 46
21. 5500	60. 18	59. 91	59. 65	59. 41	59. 17
21. 8000	58. 94	58. 72	58. 51	58. 31	58. 11
22. 0500	57. 92	57. 74	57. 56	57. 39	57. 23
22. 3000	57. 07	56. 91	56. 76	56. 61	56. 46
22. 5500	56. 32	56. 18	56. 05	55. 92	55. 79
22. 8000	55. 66	55. 53	55. 41	55. 29	55. 17

asbuilt basin 1 2 and 4.txt

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.71

Name... REACH 40 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
23.0500	55.05	54.93	54.81	54.70	54.58
23.3000	54.47	54.35	54.24	54.12	54.01
23.5500	53.90	53.78	53.67	53.56	53.45
23.8000	53.34	53.23	53.12	53.01	52.90
24.0500	52.78	52.67	52.53	52.35	52.11
24.3000	51.78	51.33	50.77	50.12	49.38
24.5500	48.56	47.67	46.71	45.76	44.77
24.8000	43.71	42.57	41.34	40.02	38.64
25.0500	37.24	35.83	34.42	33.01	31.62
25.3000	30.28	28.98	27.78	26.69	25.57
25.5500	24.44	23.31	22.20	21.11	20.05
25.8000	19.03	18.05	17.12	16.24	15.45
26.0500	14.71	14.04	13.53	13.02	12.50
26.3000	11.99	11.49	10.99	10.50	10.03
26.5500	9.57	9.12	8.69	8.28	7.89
26.8000	7.52	7.17	6.84	6.52	6.23
27.0500	5.95	5.69	5.44	5.21	5.02
27.3000	4.84	4.68	4.53	4.40	4.32
27.5500	4.25	4.18	4.11	4.03	3.96
27.8000	3.88	3.80	3.72	3.64	3.56
28.0500	3.48	3.41	3.33	3.25	3.17
28.3000	3.10	3.02	2.95	2.88	2.80
28.5500	2.73	2.66	2.60	2.53	2.47
28.8000	2.40	2.34	2.28	2.22	2.16
29.0500	2.11	2.05	2.00	1.95	1.90
29.3000	1.85	1.80	1.76	1.71	1.67
29.5500	1.63	1.59	1.55	1.51	1.47
29.8000	1.43	1.40	1.36	1.33	1.30
30.0500	1.27	1.24	1.21	1.18	1.15
30.3000	1.12	1.10	1.07	1.05	1.02
30.5500	1.00	.98	.96	.93	.91
30.8000	.89	.87	.85	.84	.82
31.0500	.80	.78	.77	.75	.74
31.3000	.72	.71	.69	.68	.66
31.5500	.65	.64	.62	.61	.60
31.8000	.59	.58	.56	.55	.54
32.0500	.53	.52	.51	.50	.49
32.3000	.48	.47	.47	.46	.45
32.5500	.44	.43	.42	.42	.41
32.8000	.40	.39	.39	.38	.37
33.0500	.37	.36	.35	.35	.34
33.3000	.33	.33	.32	.32	.31
33.5500	.31	.30	.30	.29	.28
33.8000	.28	.27	.27	.27	.26
34.0500	.26	.25	.25	.24	.24

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Name... REACH 40 Tag: 15

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
34.3000	.23	.23	.23	.22	.22
34.5500	.21	.21	.21	.20	.20
34.8000	.20	.19	.19	.19	.18
35.0500	.18	.18	.17	.17	.17
35.3000	.17	.16	.16	.16	.15
35.5500	.15	.15	.15	.14	.14
35.8000	.14	.14	.13	.13	.13
36.0500	.13	.13	.12	.12	.12
36.3000	.12	.12	.11	.11	.11
36.5500	.11	.11	.10	.10	.10
36.8000	.10	.10	.10	.09	.09
37.0500	.09	.09	.09	.09	.08
37.3000	.08	.08	.08	.08	.08
37.5500	.08	.07	.07	.07	.07
37.8000	.07	.07	.07	.07	.07
38.0500	.06	.06	.06	.06	.06
38.3000	.06	.06	.06	.06	.05
38.5500	.05	.05	.05	.05	.05
38.8000	.05	.05	.05	.05	.05
39.0500	.05	.04	.04	.04	.04
39.3000	.04	.04	.04	.04	.04
39.5500	.04	.04	.04	.04	.04
39.8000	.04	.03	.03	.03	.03
40.0500	.03	.03	.03	.03	.03
40.3000	.03	.03	.03	.03	.03
40.5500	.03	.03	.03	.03	.03
40.8000	.02	.02	.02	.02	.02
41.0500	.02	.02	.02	.02	.02
41.3000	.02	.02	.02	.02	.02
41.5500	.02	.02	.02	.02	.02
41.8000	.02	.02	.02	.02	.02
42.0500	.02	.02	.02	.02	.02
42.3000	.01	.01	.01	.01	.01
42.5500	.01	.01	.01	.01	.01
42.8000	.01	.01	.01	.01	.01
43.0500	.01	.01	.01	.01	.01
43.3000	.01	.01	.01	.01	.01
43.5500	.01	.01	.01	.01	.01
43.8000	.01	.01	.01	.01	.01
44.0500	.01	.01	.01	.01	.01
44.3000	.01	.01	.01	.01	.01
44.5500	.01	.01	.01	.01	.01
44.8000	.01	.01	.01	.01	.01
45.0500	.01	.01	.01	.01	.01
45.3000	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Name... REACH 40 Tag: 15

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Typell 24hr Tag: 15 asbuilt basin 1 2 and 4.txt

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

---

Time hrs					
45. 5500	.01	.01	.01	.01	.01
45. 8000	.01	.01	.01	.01	.01
46. 0500	.01	.01	.01	.01	.01
46. 3000	.01	.01	.01	.01	.01
46. 5500	.01	.01	.01	.01	.01
46. 8000	.01	.01	.01	.01	.01
47. 0500	.01	.01	.01	.01	.01
47. 3000	.01	.01	.01	.01	.01
47. 5500	.01	.01	.01	.01	.01
47. 8000	.01	.01	.01	.01	.01
48. 0500	.01	.01	.01	.01	.01
48. 3000	.01	.01	.01	.01	.01
48. 5500	.01	.01	.01	.01	.01
48. 8000	.01	.01	.01	.01	.01
49. 0500	.01	.01	.01	.01	.01
49. 3000	.01	.01	.01	.01	.01
49. 5500	.01	.01	.01	.01	.01
49. 8000	.01	.01	.01	.01	.01
50. 0500	.01	.01	.01	.01	.01
50. 3000	.01	.01	.01	.01	.01
50. 5500	.01	.01	.01	.01	.01
50. 8000	.01	.01	.01	.01	.01
51. 0500	.01	.01	.01	.01	.01
51. 3000	.01	.01	.01	.01	.01
51. 5500	.01	.01	.01	.01	.01
51. 8000	.01	.01	.01	.01	.01
52. 0500	.01	.01	.01	.01	.01
52. 3000	.01	.01	.01	.01	.01
52. 5500	.01	.01	.01	.01	.01
52. 8000	.01	.01	.01	.01	.01
53. 0500	.01	.01	.01	.01	.01
53. 3000	.01	.01	.01	.01	.01
53. 5500	.01	.01	.01	.01	.01
53. 8000	.01	.01	.01	.01	.01
54. 0500	.01	.01	.01	.01	.01
54. 3000	.01	.01	.01	.01	.01
54. 5500	.01	.01	.01	.01	.01
54. 8000	.01	.01	.01	.01	.01
55. 0500	.01	.01	.01	.01	.01
55. 3000	.01	.01	.01	.01	.01
55. 5500	.01	.01	.01	.01	.01
55. 8000	.01	.01	.01	.01	.01
56. 0500	.01	.01	.01	.01	.01
56. 3000	.01	.01	.01	.01	.01
56. 5500	.01	.01	.01	.01	.01

S/N:  
PondPack Ver: Compute Time: Date:

Type... Reach Routing (HYG output) Page 9.74  
 Name... REACH 40 Tag: 15 Event: 15 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW Storm... Typell 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Page 245

asbuilt basin 1 2 and 4.txt

hrs	Time on left represents time for first value in each row.				
56.8000	.01	.01	.01	.01	.01
57.0500	.01	.01	.01	.01	.01
57.3000	.01	.01	.01	.01	.01
57.5500	.01	.01	.01	.01	.01
57.8000	.01	.01	.01	.01	.01
58.0500	.01	.01	.01	.01	.01
58.3000	.01	.01	.01	.01	.01
58.5500	.01	.01	.01	.01	.01
58.8000	.01	.01	.01	.01	.01
59.0500	.01	.01	.01	.01	.01
59.3000	.01	.01	.01	.01	.01
59.5500	.01	.01	.00	.00	.00
59.8000	.00	.00	.00	.00	.00
60.0500	.00	.00	.00	.00	.00
60.3000	.00	.00	.00	.00	.00
60.5500	.00	.00	.00	.00	.00
60.8000	.00	.00	.00	.00	.00
61.0500	.00	.00	.00	.00	.00
61.3000	.00	.00	.00	.00	.00
61.5500	.00	.00	.00	.00	.00
61.8000	.00	.00	.00	.00	.00
62.0500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing Summary

Page 9.75

Name... REACH 40 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

MODIFIED PULS REACH ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J5 25  
 Outflow HYG file = NONE STORED - REACH 40 25

Reach Link Data = REACH 40  
 Reach Length = 1095.00 ft  
 Approx. Total Tt = .0894 hrs (based on Wtd.Q = 608.88 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 573.00 ft  
 Starting Volume = 0 cu.ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====

Peak Inflow	=	1271.98 cfs	at	12.8500 hrs
Peak Outflow	=	1266.55 cfs	at	12.9000 hrs

MASS BALANCE (cu. ft)

```

-----
+ Initial Vol   =          0
+ HYG Vol IN   =    12322410
- Infiltration =          0
- HYG Vol OUT  =    12322370
- Retained Vol =          53
-----
Unrouted Vol =          14 cu. ft (.000% of Inflow Volume)
    
```

S/N: \_\_\_\_\_  
 PondPack Ver: \_\_\_\_\_ Compute Time: \_\_\_\_\_ Date: \_\_\_\_\_

♀  
 Type... Reach Routing (HYG output) Page 9.76  
 Name... REACH 40 Tag: 25 Event: 25 yr  
 File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... Type I 24hr Tag: 25

POND ROUTED TOTAL OUTFLOW HYG...

```

HYG file =
HYG ID   = REACH 40
HYG Tag  = 25
    
```

```

-----
Peak Discharge = 1266.55 cfs
Time to Peak   = 12.9000 hrs
HYG Volume     = 12322370 cu. ft
-----
    
```

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs					
3.7500	.00	.00	.00	.00	.00	.00
4.0000	.00	.00	.00	.00	.00	.00
4.2500	.00	.00	.00	.00	.00	.00
4.5000	.01	.01	.01	.02	.04	.04
4.7500	.07	.09	.12	.14	.17	.17
5.0000	.19	.22	.25	.28	.30	.30
5.2500	.34	.37	.40	.43	.47	.47
5.5000	.50	.54	.57	.61	.65	.65
5.7500	.69	.73	.78	.82	.86	.86
6.0000	.91	.96	1.00	1.05	1.10	1.10
6.2500	1.15	1.21	1.26	1.31	1.37	1.37
6.5000	1.42	1.48	1.54	1.60	1.66	1.66
6.7500	1.72	1.78	1.85	1.92	1.98	1.98
7.0000	2.05	2.12	2.20	2.27	2.35	2.35
7.2500	2.43	2.51	2.59	2.67	2.76	2.76
7.5000	2.85	2.94	3.03	3.12	3.22	3.22
7.7500	3.32	3.41	3.52	3.63	3.75	3.75
8.0000	3.88	4.03	4.17	4.33	4.57	4.57
8.2500	4.85	5.12	5.37	5.60	5.83	5.83
8.5000	6.06	6.28	6.51	6.74	6.97	6.97
8.7500	7.21	7.47	7.75	8.04	8.35	8.35
9.0000	8.69	9.05	9.43	9.85	10.29	10.29
9.2500	10.76	11.26	11.79	12.35	12.94	12.94
9.5000	13.59	14.34	15.26	16.17	17.07	17.07

asbuilt basin 1 2 and 4.txt

9. 7500	17. 97	18. 87	19. 79	20. 71	21. 66
10. 0000	22. 63	23. 63	24. 65	25. 70	26. 80
10. 2500	27. 96	29. 36	30. 81	32. 27	33. 75
10. 5000	35. 26	36. 81	38. 40	40. 04	41. 74
10. 7500	43. 50	45. 35	47. 41	49. 71	52. 07
11. 0000	54. 51	57. 06	59. 73	62. 53	65. 45
11. 2500	68. 52	72. 04	75. 73	79. 60	83. 69

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9.77

Name... REACH 40

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
11. 5000	88. 05	92. 73	98. 08	104. 27	111. 38
11. 7500	120. 03	131. 56	147. 27	168. 89	198. 87
12. 0000	239. 48	292. 17	357. 76	433. 62	515. 67
12. 2500	600. 06	683. 75	764. 35	841. 10	914. 00
12. 5000	982. 88	1046. 73	1104. 94	1155. 23	1197. 43
12. 7500	1229. 56	1251. 70	1263. 92	1266. 55	1260. 25
13. 0000	1245. 88	1224. 30	1196. 30	1162. 84	1125. 79
13. 2500	1085. 68	1043. 64	1001. 46	959. 06	917. 85
13. 5000	877. 26	837. 70	799. 82	763. 72	730. 57
13. 7500	699. 22	670. 06	643. 00	617. 30	593. 30
14. 0000	570. 83	549. 12	528. 19	508. 52	489. 55
14. 2500	471. 39	454. 27	438. 13	422. 67	407. 82
14. 5000	393. 97	381. 05	368. 91	357. 59	346. 96
14. 7500	337. 15	327. 89	319. 02	310. 56	302. 43
15. 0000	294. 47	286. 73	279. 13	271. 52	264. 02
15. 2500	256. 75	249. 74	242. 99	236. 74	230. 66
15. 5000	224. 80	219. 18	213. 85	208. 82	204. 03
15. 7500	199. 45	195. 24	191. 14	187. 17	183. 33
16. 0000	179. 63	176. 09	172. 72	169. 54	166. 49
16. 2500	163. 56	160. 75	158. 14	155. 62	153. 17
16. 5000	150. 80	148. 52	146. 32	144. 20	142. 16
16. 7500	140. 19	138. 28	136. 45	134. 72	133. 06
17. 0000	131. 45	129. 90	128. 40	126. 95	125. 55
17. 2500	124. 27	123. 00	121. 77	120. 56	119. 40
17. 5000	118. 27	117. 18	116. 13	115. 12	114. 15
17. 7500	113. 21	112. 29	111. 41	110. 54	109. 69
18. 0000	108. 87	108. 06	107. 26	106. 49	105. 72
18. 2500	104. 97	104. 23	103. 50	102. 80	102. 12
18. 5000	101. 44	100. 78	100. 12	99. 46	98. 80
18. 7500	98. 13	97. 46	96. 79	96. 12	95. 45
19. 0000	94. 81	94. 19	93. 56	92. 93	92. 29
19. 2500	91. 66	91. 03	90. 40	89. 77	89. 14
19. 5000	88. 51	87. 89	87. 27	86. 64	86. 02
19. 7500	85. 40	84. 78	84. 17	83. 55	82. 94
20. 0000	82. 34	81. 74	81. 14	80. 54	79. 94
20. 2500	79. 35	78. 75	78. 16	77. 57	76. 98
20. 5000	76. 41	75. 83	75. 27	74. 73	74. 20
20. 7500	73. 69	73. 19	72. 71	72. 23	71. 77
21. 0000	71. 32	70. 88	70. 45	70. 03	69. 63
21. 2500	69. 25	68. 87	68. 53	68. 20	67. 88
21. 5000	67. 57	67. 27	66. 98	66. 70	66. 42
21. 7500	66. 16	65. 91	65. 67	65. 43	65. 21



asbuilt basin 1 2 and 4.txt

22. 0000	64. 99	64. 78	64. 58	64. 38	64. 19
22. 2500	64. 01	63. 83	63. 65	63. 48	63. 32
22. 5000	63. 16	63. 00	62. 84	62. 69	62. 54

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

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Name... REACH 40

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
22. 7500	62. 39	62. 24	62. 10	61. 96	61. 82
23. 0000	61. 68	61. 54	61. 40	61. 27	61. 14
23. 2500	61. 00	60. 87	60. 74	60. 61	60. 48
23. 5000	60. 36	60. 23	60. 10	59. 97	59. 85
23. 7500	59. 72	59. 60	59. 47	59. 35	59. 23
24. 0000	59. 10	58. 98	58. 84	58. 69	58. 48
24. 2500	58. 20	57. 81	57. 30	56. 66	55. 89
24. 5000	55. 01	54. 04	52. 98	51. 85	50. 66
24. 7500	49. 43	48. 17	46. 87	45. 59	44. 24
25. 0000	42. 78	41. 26	39. 71	38. 13	36. 55
25. 2500	34. 97	33. 40	31. 86	30. 38	28. 97
25. 5000	27. 69	26. 51	25. 33	24. 14	22. 97
25. 7500	21. 82	20. 71	19. 64	18. 61	17. 62
26. 0000	16. 70	15. 85	15. 07	14. 35	13. 77
26. 2500	13. 25	12. 73	12. 22	11. 70	11. 20
26. 5000	10. 71	10. 23	9. 76	9. 30	8. 86
26. 7500	8. 44	8. 05	7. 67	7. 31	6. 97
27. 0000	6. 65	6. 35	6. 06	5. 79	5. 54
27. 2500	5. 30	5. 09	4. 91	4. 74	4. 59
27. 5000	4. 45	4. 35	4. 28	4. 21	4. 14
27. 7500	4. 06	3. 99	3. 91	3. 83	3. 75
28. 0000	3. 67	3. 60	3. 52	3. 44	3. 36
28. 2500	3. 28	3. 21	3. 13	3. 05	2. 98
28. 5000	2. 91	2. 83	2. 76	2. 69	2. 63
28. 7500	2. 56	2. 50	2. 43	2. 37	2. 31
29. 0000	2. 25	2. 19	2. 13	2. 08	2. 03
29. 2500	1. 97	1. 92	1. 87	1. 83	1. 78
29. 5000	1. 74	1. 69	1. 65	1. 61	1. 57
29. 7500	1. 53	1. 49	1. 45	1. 42	1. 38
30. 0000	1. 35	1. 32	1. 29	1. 25	1. 22
30. 2500	1. 20	1. 17	1. 14	1. 11	1. 09
30. 5000	1. 06	1. 04	1. 02	. 99	. 97
30. 7500	. 95	. 93	. 91	. 89	. 87
31. 0000	. 85	. 83	. 81	. 80	. 78
31. 2500	. 76	. 75	. 73	. 72	. 70
31. 5000	. 69	. 67	. 66	. 65	. 63
31. 7500	. 62	. 61	. 60	. 59	. 57
32. 0000	. 56	. 55	. 54	. 53	. 52
32. 2500	. 51	. 50	. 49	. 48	. 47
32. 5000	. 47	. 46	. 45	. 44	. 43
32. 7500	. 42	. 42	. 41	. 40	. 39
33. 0000	. 39	. 38	. 37	. 37	. 36
33. 2500	. 35	. 35	. 34	. 33	. 33
33. 5000	. 32	. 32	. 31	. 31	. 30
33. 7500	. 30	. 29	. 29	. 28	. 28

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

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Name... REACH 40

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
34.0000	.27	.27	.26	.26	.25
34.2500	.25	.24	.24	.23	.23
34.5000	.23	.22	.22	.22	.21
34.7500	.21	.20	.20	.20	.19
35.0000	.19	.19	.18	.18	.18
35.2500	.17	.17	.17	.17	.16
35.5000	.16	.16	.15	.15	.15
35.7500	.15	.14	.14	.14	.14
36.0000	.13	.13	.13	.13	.13
36.2500	.12	.12	.12	.12	.12
36.5000	.11	.11	.11	.11	.11
36.7500	.10	.10	.10	.10	.10
37.0000	.10	.09	.09	.09	.09
37.2500	.09	.09	.08	.08	.08
37.5000	.08	.08	.08	.08	.07
37.7500	.07	.07	.07	.07	.07
38.0000	.07	.07	.07	.06	.06
38.2500	.06	.06	.06	.06	.06
38.5000	.06	.06	.05	.05	.05
38.7500	.05	.05	.05	.05	.05
39.0000	.05	.05	.05	.05	.04
39.2500	.04	.04	.04	.04	.04
39.5000	.04	.04	.04	.04	.04
39.7500	.04	.04	.04	.04	.03
40.0000	.03	.03	.03	.03	.03
40.2500	.03	.03	.03	.03	.03
40.5000	.03	.03	.03	.03	.03
40.7500	.03	.03	.03	.02	.02
41.0000	.02	.02	.02	.02	.02
41.2500	.02	.02	.02	.02	.02
41.5000	.02	.02	.02	.02	.02
41.7500	.02	.02	.02	.02	.02
42.0000	.02	.02	.02	.02	.02
42.2500	.02	.02	.02	.01	.01
42.5000	.01	.01	.01	.01	.01
42.7500	.01	.01	.01	.01	.01
43.0000	.01	.01	.01	.01	.01
43.2500	.01	.01	.01	.01	.01
43.5000	.01	.01	.01	.01	.01
43.7500	.01	.01	.01	.01	.01
44.0000	.01	.01	.01	.01	.01
44.2500	.01	.01	.01	.01	.01
44.5000	.01	.01	.01	.01	.01
44.7500	.01	.01	.01	.01	.01
45.0000	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

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asbuilt basin 1 2 and 4.txt

Name... REACH 40 Tag: 25 Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
45. 2500	.01	.01	.01	.01	.01
45. 5000	.01	.01	.01	.01	.01
45. 7500	.01	.01	.01	.01	.01
46. 0000	.01	.01	.01	.01	.01
46. 2500	.01	.01	.01	.01	.01
46. 5000	.01	.01	.01	.01	.01
46. 7500	.01	.01	.01	.01	.01
47. 0000	.01	.01	.01	.01	.01
47. 2500	.01	.01	.01	.01	.01
47. 5000	.01	.01	.01	.01	.01
47. 7500	.01	.01	.01	.01	.01
48. 0000	.01	.01	.01	.01	.01
48. 2500	.01	.01	.01	.01	.01
48. 5000	.01	.01	.01	.01	.01
48. 7500	.01	.01	.01	.01	.01
49. 0000	.01	.01	.01	.01	.01
49. 2500	.01	.01	.01	.01	.01
49. 5000	.01	.01	.01	.01	.01
49. 7500	.01	.01	.01	.01	.01
50. 0000	.01	.01	.01	.01	.01
50. 2500	.01	.01	.01	.01	.01
50. 5000	.01	.01	.01	.01	.01
50. 7500	.01	.01	.01	.01	.01
51. 0000	.01	.01	.01	.01	.01
51. 2500	.01	.01	.01	.01	.01
51. 5000	.01	.01	.01	.01	.01
51. 7500	.01	.01	.01	.01	.01
52. 0000	.01	.01	.01	.01	.01
52. 2500	.01	.01	.01	.01	.01
52. 5000	.01	.01	.01	.01	.01
52. 7500	.01	.01	.01	.01	.01
53. 0000	.01	.01	.01	.01	.01
53. 2500	.01	.01	.01	.01	.01
53. 5000	.01	.01	.01	.01	.01
53. 7500	.01	.01	.01	.01	.01
54. 0000	.01	.01	.01	.01	.01
54. 2500	.01	.01	.01	.01	.01
54. 5000	.01	.01	.01	.01	.01
54. 7500	.01	.01	.01	.01	.01
55. 0000	.01	.01	.01	.01	.01
55. 2500	.01	.01	.01	.01	.01
55. 5000	.01	.01	.01	.01	.01
55. 7500	.01	.01	.01	.01	.01
56. 0000	.01	.01	.01	.01	.01
56. 2500	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.81

Name... REACH 40 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

asbuilt basin 1 2 and 4.txt

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
56.5000	.01	.01	.01	.01	.01
56.7500	.01	.01	.01	.01	.01
57.0000	.01	.01	.01	.01	.01
57.2500	.01	.01	.01	.01	.01
57.5000	.01	.01	.01	.01	.01
57.7500	.01	.01	.01	.01	.01
58.0000	.01	.01	.01	.01	.01
58.2500	.01	.01	.01	.01	.01
58.5000	.01	.01	.01	.01	.01
58.7500	.01	.01	.01	.01	.01
59.0000	.01	.01	.01	.01	.01
59.2500	.01	.01	.01	.01	.01
59.5000	.01	.01	.01	.01	.01
59.7500	.00	.00	.00	.00	.00
60.0000	.00	.00	.00	.00	.00
60.2500	.00	.00	.00	.00	.00
60.5000	.00	.00	.00	.00	.00
60.7500	.00	.00	.00	.00	.00
61.0000	.00	.00	.00	.00	.00
61.2500	.00	.00	.00	.00	.00
61.5000	.00	.00	.00	.00	.00
61.7500	.00	.00	.00	.00	.00
62.0000	.00	.00	.00	.00	.00
62.2500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing Summary

Page 9.82

Name... REACH 40 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

MODIFIED PULS REACH ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Inflow HYG file = NONE STORED - J5 100

Outflow HYG file = NONE STORED - REACH 40 100

Reach Link Data = REACH 40

Reach Length = 1095.00 ft

Approx. Total Tt = .0830 hrs (based on Wtd.Q = 804.51 cfs)

Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)

Overflow Elev. = 593.00 ft

Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
Starting WS Elev = 573.00 ft  
Starting Volume = 0 cu. ft  
Starting Outflow = .00 cfs  
Starting Infiltr. = .00 cfs  
Starting Total Qout = .00 cfs  
Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

```
=====
Peak Inflow      = 1696.62 cfs    at 12.8000 hrs
Peak Outflow     = 1689.99 cfs    at 12.8500 hrs
=====
```

MASS BALANCE (cu. ft)

```
-----
+ Initial Vol   = 0
+ HYG Vol IN    = 16545670
- Infiltration  = 0
- HYG Vol OUT   = 16545610
- Retained Vol  = 53
-----
Unrouted Vol = 0 cu. ft (.000% of Inflow Volume)
```

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Reach Routing (HYG output)

Page 9.83

Name... REACH 40

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

POND ROUTED TOTAL OUTFLOW HYG...

```
HYG file =
HYG ID   = REACH 40
HYG Tag  = 100
```

```
-----
Peak Discharge = 1689.99 cfs
Time to Peak   = 12.8500 hrs
HYG Volume     = 16545610 cu. ft
-----
```

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
3.1500	.00	.00	.00	.00	.00
3.4000	.00	.00	.00	.00	.00
3.6500	.00	.00	.00	.00	.01
3.9000	.01	.01	.03	.06	.09
4.1500	.11	.14	.17	.20	.23
4.4000	.26	.30	.33	.36	.40
4.6500	.44	.48	.52	.56	.60
4.9000	.64	.69	.74	.78	.83
5.1500	.88	.94	.99	1.04	1.10
5.4000	1.16	1.21	1.27	1.33	1.40
5.6500	1.46	1.53	1.59	1.66	1.73
5.9000	1.80	1.88	1.95	2.03	2.11
6.1500	2.19	2.28	2.36	2.45	2.54
6.4000	2.63	2.73	2.83	2.93	3.03
6.6500	3.14	3.24	3.35	3.47	3.60
6.9000	3.74	3.89	4.05	4.22	4.40
7.1500	4.73	5.04	5.33	5.60	5.86
7.4000	6.12	6.36	6.60	6.84	7.07
7.6500	7.32	7.57	7.83	8.11	8.39

asbuilt basin 1 2 and 4.txt

7. 9000	8. 70	9. 01	9. 35	9. 70	10. 08
8. 1500	10. 47	10. 88	11. 32	11. 77	12. 24
8. 4000	12. 74	13. 28	13. 87	14. 61	15. 43
8. 6500	16. 24	17. 07	17. 91	18. 76	19. 62
8. 9000	20. 50	21. 40	22. 32	23. 27	24. 24
9. 1500	25. 24	26. 28	27. 36	28. 56	29. 95
9. 4000	31. 32	32. 69	34. 06	35. 43	36. 80
9. 6500	38. 19	39. 58	40. 98	42. 39	43. 81
9. 9000	45. 26	46. 77	48. 47	50. 19	51. 92
10. 1500	53. 67	55. 44	57. 25	59. 11	61. 01
10. 4000	62. 97	65. 01	67. 11	69. 33	71. 80
10. 6500	74. 34	76. 94	79. 60	82. 34	85. 20

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9.84

Name... REACH 40

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
10. 9000	88. 19	91. 33	94. 62	98. 33	102. 26
11. 1500	106. 38	110. 70	115. 26	120. 10	125. 26
11. 4000	131. 13	137. 42	144. 13	151. 33	159. 17
11. 6500	168. 41	179. 25	192. 45	209. 83	233. 03
11. 9000	264. 43	306. 76	363. 26	435. 67	523. 26
12. 1500	623. 51	731. 51	843. 71	958. 39	1071. 02
12. 4000	1176. 53	1273. 66	1363. 10	1443. 50	1513. 71
12. 6500	1574. 12	1622. 45	1658. 14	1680. 66	1689. 99
12. 9000	1686. 77	1672. 04	1646. 96	1613. 13	1571. 30
13. 1500	1522. 86	1470. 23	1414. 17	1356. 59	1298. 68
13. 4000	1241. 56	1186. 07	1132. 69	1081. 98	1033. 89
13. 6500	988. 75	945. 83	905. 66	866. 72	830. 00
13. 9000	795. 53	763. 39	734. 06	706. 25	680. 03
14. 1500	655. 82	632. 67	610. 61	590. 08	570. 72
14. 4000	552. 23	534. 61	518. 27	502. 72	487. 56
14. 6500	472. 76	458. 50	444. 97	432. 00	419. 58
14. 9000	407. 72	396. 53	385. 86	375. 60	366. 00
15. 1500	357. 05	348. 68	340. 90	333. 68	326. 75
15. 4000	320. 11	313. 79	307. 78	302. 03	296. 47
15. 6500	290. 98	285. 65	280. 14	274. 44	268. 59
15. 9000	262. 68	256. 79	250. 96	245. 24	239. 76
16. 1500	234. 48	229. 32	224. 32	219. 51	214. 95
16. 4000	210. 63	206. 52	202. 59	198. 85	195. 41
16. 6500	192. 06	188. 83	185. 73	182. 76	179. 91
16. 9000	177. 18	174. 57	172. 11	169. 78	167. 54
17. 1500	165. 39	163. 33	161. 36	159. 49	157. 74
17. 4000	156. 03	154. 37	152. 78	151. 25	149. 79
17. 6500	148. 39	147. 03	145. 72	144. 46	143. 23
17. 9000	142. 03	140. 87	139. 74	138. 63	137. 55
18. 1500	136. 50	135. 49	134. 50	133. 53	132. 58
18. 4000	131. 63	130. 70	129. 78	128. 87	127. 96
18. 6500	127. 06	126. 17	125. 31	124. 47	123. 63
18. 9000	122. 78	121. 93	121. 09	120. 24	119. 40
19. 1500	118. 56	117. 73	116. 90	116. 08	115. 26
19. 4000	114. 45	113. 65	112. 85	112. 05	111. 26
19. 6500	110. 47	109. 68	108. 89	108. 10	107. 32
19. 9000	106. 53	105. 74	104. 96	104. 17	103. 40

asbuilt basin 1 2 and 4.txt

20. 1500	102.63	101.88	101.13	100.38	99.63
20. 4000	98.88	98.12	97.36	96.61	95.86
20. 6500	95.13	94.45	93.78	93.12	92.46
20. 9000	91.83	91.21	90.61	90.03	89.46
21. 1500	88.92	88.40	87.90	87.42	86.96
21. 4000	86.51	86.09	85.69	85.30	84.93
21. 6500	84.58	84.24	83.91	83.60	83.30
21. 9000	83.02	82.74	82.48	82.23	81.98

S/N:

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Compute Time:

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Type... Reach Routing (HYG output)

Page 9.85

Name... REACH 40

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
22. 1500	81.74	81.51	81.29	81.07	80.86
22. 4000	80.65	80.45	80.25	80.05	79.86
22. 6500	79.67	79.48	79.29	79.11	78.93
22. 9000	78.76	78.58	78.41	78.24	78.07
23. 1500	77.90	77.73	77.57	77.40	77.24
23. 4000	77.07	76.91	76.75	76.59	76.43
23. 6500	76.27	76.11	75.95	75.79	75.63
23. 9000	75.47	75.32	75.16	75.00	74.83
24. 1500	74.62	74.36	73.99	73.49	72.80
24. 4000	71.94	70.92	69.73	68.44	67.12
24. 6500	65.69	64.15	62.51	60.76	58.93
24. 9000	57.03	55.07	53.02	50.91	48.83
25. 1500	46.77	44.90	43.03	41.11	39.20
25. 4000	37.29	35.41	33.58	31.81	30.16
25. 6500	28.58	27.24	25.95	24.67	23.42
25. 9000	22.20	21.02	19.90	18.82	17.79
26. 1500	16.83	15.96	15.16	14.41	13.81
26. 4000	13.28	12.75	12.23	11.72	11.21
26. 6500	10.71	10.23	9.76	9.30	8.86
26. 9000	8.44	8.04	7.67	7.31	6.97
27. 1500	6.65	6.35	6.06	5.80	5.54
27. 4000	5.31	5.10	4.91	4.75	4.60
27. 6500	4.46	4.35	4.28	4.21	4.14
27. 9000	4.07	3.99	3.92	3.84	3.76
28. 1500	3.68	3.60	3.52	3.45	3.37
28. 4000	3.29	3.21	3.14	3.06	2.99
28. 6500	2.92	2.84	2.77	2.71	2.64
28. 9000	2.57	2.51	2.44	2.38	2.32
29. 1500	2.26	2.20	2.15	2.09	2.04
29. 4000	1.99	1.94	1.89	1.84	1.80
29. 6500	1.75	1.71	1.66	1.62	1.58
29. 9000	1.54	1.51	1.47	1.43	1.40
30. 1500	1.37	1.33	1.30	1.27	1.24
30. 4000	1.21	1.18	1.16	1.13	1.11
30. 6500	1.08	1.06	1.03	1.01	.99
30. 9000	.97	.94	.92	.90	.89
31. 1500	.87	.85	.83	.81	.80
31. 4000	.78	.76	.75	.73	.72
31. 6500	.70	.69	.67	.66	.65
31. 9000	.64	.62	.61	.60	.59
32. 1500	.58	.57	.55	.54	.53

asbuilt basin 1 2 and 4.txt

32. 4000	.52	.51	.50	.49	.49
32. 6500	.48	.47	.46	.45	.44
32. 9000	.43	.43	.42	.41	.40
33. 1500	.40	.39	.38	.38	.37

S/N:

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Compute Time:

Date:

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Type... Reach Routing (HYG output) Page 9.86

Name... REACH 40 Tag: 100 Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
33. 4000	.36	.36	.35	.34	.34
33. 6500	.33	.33	.32	.31	.31
33. 9000	.30	.30	.29	.29	.28
34. 1500	.28	.27	.27	.26	.26
34. 4000	.25	.25	.25	.24	.24
34. 6500	.23	.23	.22	.22	.22
34. 9000	.21	.21	.21	.20	.20
35. 1500	.20	.19	.19	.19	.18
35. 4000	.18	.18	.17	.17	.17
35. 6500	.16	.16	.16	.16	.15
35. 9000	.15	.15	.15	.14	.14
36. 1500	.14	.14	.13	.13	.13
36. 4000	.13	.12	.12	.12	.12
36. 6500	.12	.11	.11	.11	.11
36. 9000	.11	.10	.10	.10	.10
37. 1500	.10	.10	.09	.09	.09
37. 4000	.09	.09	.09	.09	.08
37. 6500	.08	.08	.08	.08	.08
37. 9000	.08	.07	.07	.07	.07
38. 1500	.07	.07	.07	.07	.06
38. 4000	.06	.06	.06	.06	.06
38. 6500	.06	.06	.06	.06	.05
38. 9000	.05	.05	.05	.05	.05
39. 1500	.05	.05	.05	.05	.05
39. 4000	.05	.04	.04	.04	.04
39. 6500	.04	.04	.04	.04	.04
39. 9000	.04	.04	.04	.04	.04
40. 1500	.03	.03	.03	.03	.03
40. 4000	.03	.03	.03	.03	.03
40. 6500	.03	.03	.03	.03	.03
40. 9000	.03	.03	.03	.03	.03
41. 1500	.02	.02	.02	.02	.02
41. 4000	.02	.02	.02	.02	.02
41. 6500	.02	.02	.02	.02	.02
41. 9000	.02	.02	.02	.02	.02
42. 1500	.02	.02	.02	.02	.02
42. 4000	.02	.02	.02	.02	.01
42. 6500	.01	.01	.01	.01	.01
42. 9000	.01	.01	.01	.01	.01
43. 1500	.01	.01	.01	.01	.01
43. 4000	.01	.01	.01	.01	.01
43. 6500	.01	.01	.01	.01	.01
43. 9000	.01	.01	.01	.01	.01
44. 1500	.01	.01	.01	.01	.01
44. 4000	.01	.01	.01	.01	.01



asbuilt basin 1 2 and 4.txt

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9.87

Name... REACH 40 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
44. 6500	.01	.01	.01	.01	.01
44. 9000	.01	.01	.01	.01	.01
45. 1500	.01	.01	.01	.01	.01
45. 4000	.01	.01	.01	.01	.01
45. 6500	.01	.01	.01	.01	.01
45. 9000	.01	.01	.01	.01	.01
46. 1500	.01	.01	.01	.01	.01
46. 4000	.01	.01	.01	.01	.01
46. 6500	.01	.01	.01	.01	.01
46. 9000	.01	.01	.01	.01	.01
47. 1500	.01	.01	.01	.01	.01
47. 4000	.01	.01	.01	.01	.01
47. 6500	.01	.01	.01	.01	.01
47. 9000	.01	.01	.01	.01	.01
48. 1500	.01	.01	.01	.01	.01
48. 4000	.01	.01	.01	.01	.01
48. 6500	.01	.01	.01	.01	.01
48. 9000	.01	.01	.01	.01	.01
49. 1500	.01	.01	.01	.01	.01
49. 4000	.01	.01	.01	.01	.01
49. 6500	.01	.01	.01	.01	.01
49. 9000	.01	.01	.01	.01	.01
50. 1500	.01	.01	.01	.01	.01
50. 4000	.01	.01	.01	.01	.01
50. 6500	.01	.01	.01	.01	.01
50. 9000	.01	.01	.01	.01	.01
51. 1500	.01	.01	.01	.01	.01
51. 4000	.01	.01	.01	.01	.01
51. 6500	.01	.01	.01	.01	.01
51. 9000	.01	.01	.01	.01	.01
52. 1500	.01	.01	.01	.01	.01
52. 4000	.01	.01	.01	.01	.01
52. 6500	.01	.01	.01	.01	.01
52. 9000	.01	.01	.01	.01	.01
53. 1500	.01	.01	.01	.01	.01
53. 4000	.01	.01	.01	.01	.01
53. 6500	.01	.01	.01	.01	.01
53. 9000	.01	.01	.01	.01	.01
54. 1500	.01	.01	.01	.01	.01
54. 4000	.01	.01	.01	.01	.01
54. 6500	.01	.01	.01	.01	.01
54. 9000	.01	.01	.01	.01	.01
55. 1500	.01	.01	.01	.01	.01
55. 4000	.01	.01	.01	.01	.01
55. 6500	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
55.9000	.01	.01	.01	.01	.01
56.1500	.01	.01	.01	.01	.01
56.4000	.01	.01	.01	.01	.01
56.6500	.01	.01	.01	.01	.01
56.9000	.01	.01	.01	.01	.01
57.1500	.01	.01	.01	.01	.01
57.4000	.01	.01	.01	.01	.01
57.6500	.01	.01	.01	.01	.01
57.9000	.01	.01	.01	.01	.01
58.1500	.01	.01	.01	.01	.01
58.4000	.01	.01	.01	.01	.01
58.6500	.01	.01	.01	.01	.01
58.9000	.01	.01	.01	.01	.01
59.1500	.01	.01	.01	.01	.01
59.4000	.01	.01	.01	.01	.01
59.6500	.01	.01	.01	.01	.01
59.9000	.01	.01	.00	.00	.00
60.1500	.00	.00	.00	.00	.00
60.4000	.00	.00	.00	.00	.00
60.6500	.00	.00	.00	.00	.00
60.9000	.00	.00	.00	.00	.00
61.1500	.00	.00	.00	.00	.00
61.4000	.00	.00	.00	.00	.00
61.6500	.00	.00	.00	.00	.00
61.9000	.00	.00	.00	.00	.00
62.1500	.00	.00	.00	.00	.00
62.4000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach E-V-Q Table

Name... REACH 50

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

MODIFIED PULS REACH DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
Inflow HYG file = NONE STORED - J1 15  
Outflow HYG file = NONE STORED - REACH 50 15

Reach Link Data = REACH 50  
Reach Length = 500.00 ft  
Approx. Total Tt = .0458 hrs (based on Wtd. Q = 400.61 cfs)  
Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
Overflow Elev. = 593.00 ft  
Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

```

asbuilt basin 1 2 and 4.txt
Starting WS Elev = 573.00 ft
Starting Volume = 0 cu. ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout = .00 cfs
Time Increment = .0500 hrs

```

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
573.00	.00	0	0	.00	.00	.00
573.01	.01	75	7520	.00	.01	.84
573.40	4.38	3160	8300	.00	4.38	39.49
573.80	14.11	6640	9100	.00	14.11	87.89
574.20	28.22	10440	9900	.00	28.22	144.22
574.60	46.44	14560	10700	.00	46.44	208.21
575.00	68.71	19000	11500	.00	68.71	279.83
575.40	95.06	23760	12300	.00	95.06	359.07
575.80	125.54	28840	13100	.00	125.54	445.99
576.20	160.25	34240	13900	.00	160.25	540.70
576.60	199.28	39960	14700	.00	199.28	643.27
577.00	242.75	46000	15500	.00	242.75	753.86
577.40	290.78	52360	16300	.00	290.78	872.56
577.80	343.48	59040	17100	.00	343.48	999.48
578.20	401.00	66040	17900	.00	401.00	1134.78
578.60	463.44	73360	18700	.00	463.44	1278.55
579.00	530.95	81000	19500	.00	530.95	1430.95
579.40	603.65	88960	20300	.00	603.65	1592.10
579.80	681.65	97240	21100	.00	681.65	1762.09
580.20	765.10	105840	21900	.00	765.10	1941.10

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach E-V-Q Table

Page 9.90

Name... REACH 50

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

#### MODIFIED PULS REACH DATA

```

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\
Inflow HYG file = NONE STORED - J1 15
Outflow HYG file = NONE STORED - REACH 50 15

```

```

Reach Link Data = REACH 50
Reach Length = 500.00 ft
Approx. Total Tt = .0458 hrs (based on Wtd. Q = 400.61 cfs)
Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)
Overflow Elev. = 593.00 ft
Overflow Channel = NONE

```

No Infiltration

#### INITIAL CONDITIONS

```

-----
Starting WS Elev = 573.00 ft
Starting Volume = 0 cu. ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout = .00 cfs
Time Increment = .0500 hrs

```

asbuilt basin 1 2 and 4.txt

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
580.60	854.10	114759	22700	.00	854.10	2129.21
581.00	948.81	124000	23500	.00	948.81	2326.59
581.40	1049.34	133561	24300	.00	1049.34	2533.35
581.80	1155.80	143440	25100	.00	1155.80	2749.57
582.20	1268.33	153640	25900	.00	1268.33	2975.44
582.60	1387.03	164159	26700	.00	1387.03	3211.02
583.00	1512.05	175000	27500	.00	1512.05	3456.50
583.40	1643.51	186161	28300	.00	1643.51	3711.96
583.80	1781.49	197640	29100	.00	1781.49	3977.48
584.20	1926.15	209440	29900	.00	1926.15	4253.27
584.60	2077.58	221559	30700	.00	2077.58	4539.35
585.00	2235.92	234000	31500	.00	2235.92	4835.92
585.40	2401.29	246761	32300	.00	2401.29	5143.07
585.80	2573.76	259840	33100	.00	2573.76	5460.86
586.20	2753.50	273240	33900	.00	2753.50	5789.50
586.60	2940.57	286959	34700	.00	2940.57	6129.00
587.00	3135.13	301000	35500	.00	3135.13	6479.58
587.40	3337.29	315361	36300	.00	3337.29	6841.30
587.80	3547.10	330040	37100	.00	3547.10	7214.21
588.20	3764.76	345041	37900	.00	3764.76	7598.54

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach E-V-Q Table

Page 9.91

Name... REACH 50

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

MODIFIED PULS REACH DATA

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

Inflow HYG file = NONE STORED - J1 15

Outflow HYG file = NONE STORED - REACH 50 15

Reach Link Data = REACH 50

Reach Length = 500.00 ft

Approx. Total Tt = .0458 hrs (based on Wtd. Q = 400.61 cfs)

Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)

Overflow Elev. = 593.00 ft

Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 573.00 ft

Starting Volume = 0 cu. ft

Starting Outflow = .00 cfs

Starting Infiltr. = .00 cfs

Starting Total Qout = .00 cfs

Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
588.60	3990.29	360359	38700	.00	3990.29	7994.28
589.00	4223.88	376000	39500	.00	4223.88	8401.65
589.40	4465.60	391961	40300	.00	4465.60	8820.72
589.80	4715.52	408240	41100	.00	4715.52	9251.52

asbuilt basin 1 2 and 4.txt						
590.20	4973.83	424841	41900	.00	4973.83	9694.28
590.60	5240.55	441759	42700	.00	5240.55	10148.98
591.00	5515.87	459000	43500	.00	5515.87	10615.87
591.40	5799.85	476561	44300	.00	5799.85	11094.97
591.80	6092.55	494439	45100	.00	6092.55	11586.33
592.20	6394.18	512641	45900	.00	6394.18	12090.18
592.60	6704.73	531159	46700	.00	6704.73	12606.49
593.00	7024.40	550000	47500	.00	7024.40	13135.51

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing Summary

Page 9.92

Name... REACH 50

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

#### MODIFIED PULS REACH ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J1 15  
 Outflow HYG file = NONE STORED - REACH 50 15

Reach Link Data = REACH 50  
 Reach Length = 500.00 ft  
 Approx. Total Tt = .0458 hrs (based on Wtd.Q = 400.61 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft  
 Overflow Channel = NONE

No Infiltration

#### INITIAL CONDITIONS

-----  
 Starting WS Elev = 573.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

#### INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====

Peak Inflow	=	857.97 cfs	at	12.6000 hrs
Peak Outflow	=	857.91 cfs	at	12.7000 hrs

=====

#### MASS BALANCE (cu. ft)

-----

+ Initial Vol	=	0
+ HYG Vol IN	=	6942343
- Infiltration	=	0
- HYG Vol OUT	=	6942323
- Retained Vol	=	24

-----

Unrouted Vol = 5 cu. ft (.000% of Inflow Volume)

WARNING: For weighted average inflow, the approximate total travel time through entire reach is shorter than

asbuilt basin 1 2 and 4.txt

the inflow hydrograph time step. Consider reducing  
 calculation time step.  
 Wtd. Avg. Q = 400.61 cfs Approx. Total Tt = .0458 hrs

S/N:  
 PondPack Ver: Compute Time: Date:

♀

Type... Reach Routing (HYG output) Page 9.93  
 Name... REACH 50 Tag: 15 Event: 15 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... Type I 24hr Tag: 15

POND ROUTED TOTAL OUTFLOW HYG...  
 HYG file =  
 HYG ID = REACH 50  
 HYG Tag = 15

-----  
 Peak Discharge = 857.91 cfs  
 Time to Peak = 12.7000 hrs  
 HYG Volume = 6942323 cu. ft  
 -----

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
Time on left represents time for first value in each row.					
8.0500	.00	.00	.00	.00	.00
8.3000	.00	.00	.00	.00	.01
8.5500	.02	.07	.12	.18	.26
8.8000	.35	.45	.57	.71	.86
9.0500	1.04	1.24	1.46	1.70	1.96
9.3000	2.25	2.55	2.88	3.23	3.59
9.5500	3.98	4.38	5.11	5.75	6.33
9.8000	6.88	7.42	7.96	8.50	9.06
10.0500	9.63	10.22	10.83	11.47	12.13
10.3000	12.82	13.55	14.37	15.33	16.27
10.5500	17.23	18.20	19.22	20.31	21.45
10.8000	22.64	23.92	25.26	26.67	28.18
11.0500	30.02	31.80	33.67	35.69	37.79
11.3000	40.03	42.52	45.14	48.14	51.68
11.5500	55.47	59.76	65.75	73.87	82.69
11.8000	97.00	119.54	144.75	177.01	220.46
12.0500	269.36	323.06	385.88	454.82	523.99
12.3000	590.08	653.20	715.82	764.83	798.77
12.5500	830.22	851.60	857.66	857.91	853.44
12.8000	837.99	815.45	791.56	760.79	724.18
13.0500	686.78	649.89	612.67	575.84	540.98
13.3000	510.23	481.08	453.24	428.76	406.37
13.5500	384.78	364.94	346.97	329.61	313.36
13.8000	298.76	284.86	271.78	259.83	248.61
14.0500	237.93	228.21	219.12	210.18	201.98
14.3000	194.78	187.72	181.01	174.92	169.10
14.5500	163.55	158.55	153.93	149.38	145.17
14.8000	141.31	137.53	134.05	130.92	127.90
15.0500	125.06	122.56	120.11	117.73	115.52
15.3000	113.44	111.40	109.46	107.61	105.79
15.5500	104.01	102.29	100.59	98.93	97.34

S/N:  
 PondPack Ver: Compute Time: Date:

♀

Type... Reach Routing (HYG output)

Name... REACH 50 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EImer-jobs\Dierberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
15. 8000	95.78	94.30	92.94	91.64	90.35
16. 0500	89.13	87.98	86.85	85.75	84.67
16. 3000	83.61	82.56	81.55	80.56	79.59
16. 5500	78.65	77.75	76.86	76.00	75.20
16. 8000	74.41	73.65	72.94	72.25	71.58
17. 0500	70.95	70.34	69.75	69.19	68.66
17. 3000	68.17	67.67	67.19	66.71	66.25
17. 5500	65.80	65.35	64.92	64.49	64.07
17. 8000	63.65	63.25	62.84	62.44	62.05
18. 0500	61.66	61.27	60.89	60.50	60.12
18. 3000	59.75	59.37	59.00	58.62	58.25
18. 5500	57.88	57.51	57.14	56.77	56.41
18. 8000	56.04	55.67	55.30	54.94	54.57
19. 0500	54.21	53.84	53.48	53.11	52.75
19. 3000	52.38	52.01	51.65	51.28	50.92
19. 5500	50.55	50.19	49.82	49.45	49.09
19. 8000	48.72	48.35	47.98	47.62	47.25
20. 0500	46.88	46.52	46.17	45.83	45.47
20. 3000	45.12	44.77	44.42	44.07	43.74
20. 5500	43.42	43.10	42.80	42.51	42.23
20. 8000	41.97	41.72	41.48	41.26	41.05
21. 0500	40.85	40.66	40.49	40.32	40.17
21. 3000	40.02	39.88	39.74	39.62	39.49
21. 5500	39.38	39.26	39.16	39.05	38.95
21. 8000	38.85	38.76	38.66	38.57	38.48
22. 0500	38.40	38.31	38.23	38.15	38.07
22. 3000	37.98	37.91	37.83	37.75	37.67
22. 5500	37.60	37.52	37.44	37.37	37.30
22. 8000	37.22	37.15	37.08	37.00	36.93
23. 0500	36.86	36.79	36.71	36.64	36.57
23. 3000	36.50	36.43	36.35	36.28	36.21
23. 5500	36.14	36.07	36.00	35.93	35.85
23. 8000	35.78	35.71	35.64	35.57	35.49
24. 0500	35.37	35.19	34.99	34.69	34.27
24. 3000	33.78	33.17	32.35	31.39	30.32
24. 5500	29.09	27.78	26.48	25.05	23.54
24. 8000	21.98	20.43	18.90	17.38	15.92
25. 0500	14.53	13.39	12.30	11.24	10.24
25. 3000	9.28	8.40	7.61	6.89	6.23
25. 5500	5.64	5.11	4.62	4.27	4.02
25. 8000	3.76	3.50	3.24	2.98	2.74
26. 0500	2.51	2.29	2.09	1.90	1.73
26. 3000	1.57	1.43	1.29	1.17	1.06
26. 5500	.96	.86	.78	.70	.63
26. 8000	.57	.51	.46	.41	.37

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Name... REACH 50 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EImer-jobs\Dierberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15 asbuilt basin 1 2 and 4.txt

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
27.0500	.33	.29	.26	.23	.21
27.3000	.18	.16	.14	.12	.11
27.5500	.09	.08	.07	.06	.05
27.8000	.04	.03	.02	.02	.02
28.0500	.01	.01	.01	.01	.01
28.3000	.01	.01	.01	.01	.01
28.5500	.01	.01	.01	.01	.01
28.8000	.01	.01	.01	.01	.01
29.0500	.01	.01	.01	.01	.01
29.3000	.01	.01	.01	.01	.00
29.5500	.00	.00	.00	.00	.00
29.8000	.00	.00	.00	.00	.00
30.0500	.00	.00	.00	.00	.00
30.3000	.00	.00	.00	.00	.00
30.5500	.00	.00	.00	.00	.00

S/N:  
PondPack Ver: Compute Time: Date:

Type... Reach Routing Summary Page 9.96  
 Name... REACH 50 Tag: 25 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... Type I 24hr Tag: 25

MODIFIED PULS REACH ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J1 25  
 Outflow HYG file = NONE STORED - REACH 50 25

Reach Link Data = REACH 50  
 Reach Length = 500.00 ft  
 Approx. Total Tt = .0439 hrs (based on Wtd. Q = 464.91 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 573.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====  
 Peak Inflow = 997.04 cfs at 12.6000 hrs  
 Peak Outflow = 996.38 cfs at 12.6500 hrs  
 =====



asbuilt basin 1 2 and 4.txt

MASS BALANCE (cu. ft)

```

-----
+ Initial Vol   =          0
+ HYG Vol IN   =      8025762
- Infiltration =          0
- HYG Vol OUT  =      8025735
- Retained Vol =          24
-----
Unrouted Vol =          -3 cu. ft (.000% of Inflow Volume)
    
```

WARNING: For weighted average inflow, the approximate total travel time through entire reach is shorter than the inflow hydrograph time step. Consider reducing calculation time step.  
 Wtd. Avg. Q = 464.91 cfs    Approx. Total Tt = .0439 hrs

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Reach Routing (HYG output)

Page 9.97

Name... REACH 50                      Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr    Tag: 25

POND ROUTED TOTAL OUTFLOW HYG...

```

HYG file =
HYG ID   = REACH 50
HYG Tag  = 25
-----
Peak Discharge = 996.38 cfs
Time to Peak   = 12.6500 hrs
HYG Volume     = 8025735 cu. ft
-----
    
```

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
7.5500	.00	.00	.00	.00	.00
7.8000	.00	.00	.00	.00	.01
8.0500	.01	.05	.10	.15	.22
8.3000	.30	.39	.49	.61	.74
8.5500	.89	1.06	1.25	1.45	1.68
8.8000	1.92	2.19	2.48	2.78	3.11
9.0500	3.46	3.83	4.22	4.83	5.52
9.3000	6.13	6.72	7.29	7.86	8.44
9.5500	9.02	9.60	10.20	10.80	11.42
9.8000	12.04	12.67	13.32	13.98	14.79
10.0500	15.60	16.38	17.16	17.97	18.80
10.3000	19.66	20.57	21.53	22.52	23.57
10.5500	24.70	25.86	27.09	28.45	30.00
10.8000	31.54	33.15	34.83	36.56	38.43
11.0500	40.42	42.48	44.70	47.20	49.91
11.3000	52.72	55.77	58.97	62.45	66.50
11.5500	71.15	76.51	83.89	93.39	104.07
11.8000	121.34	148.13	177.77	215.76	266.76
12.0500	323.82	386.27	459.16	539.07	618.87
12.3000	694.61	766.72	838.60	894.27	931.67
12.5500	967.23	990.89	996.38	995.54	989.33
12.8000	970.15	943.08	914.87	878.41	835.09

asbuilt basin 1 2 and 4.txt

13. 0500	791. 58	748. 15	705. 09	662. 00	621. 68
13. 3000	585. 92	552. 21	519. 90	491. 56	465. 66
13. 5500	440. 69	417. 66	396. 98	376. 88	358. 00
13. 8000	341. 20	325. 31	310. 02	296. 22	283. 48
14. 0500	271. 16	259. 79	249. 30	239. 11	229. 88
14. 3000	221. 46	213. 22	205. 49	198. 53	192. 05
14. 5500	185. 73	179. 93	174. 49	169. 23	164. 41
14. 8000	160. 00	155. 83	151. 89	148. 31	144. 85
15. 0500	141. 58	138. 60	135. 76	133. 04	130. 52

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.98

Name... REACH 50

Tag: 25

Event: 25 yr

File... \\serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
15. 3000	128. 15	125. 82	123. 69	121. 62	119. 54
15. 5500	117. 52	115. 55	113. 61	111. 71	109. 89
15. 8000	108. 11	106. 39	104. 79	103. 29	101. 83
16. 0500	100. 45	99. 15	97. 87	96. 62	95. 40
16. 3000	94. 24	93. 09	91. 96	90. 84	89. 74
16. 5500	88. 68	87. 65	86. 64	85. 68	84. 76
16. 8000	83. 87	83. 01	82. 20	81. 42	80. 66
17. 0500	79. 95	79. 26	78. 59	77. 96	77. 35
17. 3000	76. 76	76. 18	75. 63	75. 09	74. 56
17. 5500	74. 05	73. 55	73. 06	72. 58	72. 10
17. 8000	71. 63	71. 17	70. 71	70. 26	69. 81
18. 0500	69. 37	68. 93	68. 51	68. 10	67. 68
18. 3000	67. 25	66. 83	66. 40	65. 98	65. 56
18. 5500	65. 14	64. 72	64. 30	63. 89	63. 47
18. 8000	63. 06	62. 64	62. 23	61. 81	61. 40
19. 0500	60. 98	60. 57	60. 16	59. 75	59. 33
19. 3000	58. 92	58. 51	58. 09	57. 68	57. 27
19. 5500	56. 86	56. 44	56. 03	55. 61	55. 20
19. 8000	54. 79	54. 37	53. 96	53. 54	53. 13
20. 0500	52. 71	52. 30	51. 89	51. 48	51. 07
20. 3000	50. 66	50. 27	49. 87	49. 49	49. 12
20. 5500	48. 75	48. 40	48. 06	47. 74	47. 42
20. 8000	47. 13	46. 85	46. 58	46. 34	46. 12
21. 0500	45. 90	45. 69	45. 50	45. 31	45. 13
21. 3000	44. 97	44. 81	44. 66	44. 51	44. 38
21. 5500	44. 24	44. 11	43. 99	43. 87	43. 76
21. 8000	43. 65	43. 54	43. 43	43. 33	43. 23
22. 0500	43. 13	43. 04	42. 94	42. 85	42. 76
22. 3000	42. 66	42. 57	42. 49	42. 40	42. 31
22. 5500	42. 22	42. 14	42. 05	41. 97	41. 88
22. 8000	41. 80	41. 72	41. 63	41. 55	41. 47
23. 0500	41. 39	41. 31	41. 22	41. 14	41. 06
23. 3000	40. 98	40. 90	40. 81	40. 73	40. 65
23. 5500	40. 57	40. 49	40. 41	40. 33	40. 25
23. 8000	40. 17	40. 09	40. 01	39. 93	39. 84
24. 0500	39. 70	39. 50	39. 27	38. 94	38. 46
24. 3000	37. 91	37. 23	36. 31	35. 23	34. 03
24. 5500	32. 65	31. 11	29. 49	27. 85	26. 28
24. 8000	24. 60	22. 89	21. 19	19. 50	17. 86
25. 0500	16. 31	14. 82	13. 55	12. 46	11. 40

asbuilt basin 1 2 and 4.txt

25. 3000	10. 36	9. 39	8. 52	7. 72	6. 98
25. 5500	6. 33	5. 73	5. 18	4. 69	4. 30
25. 8000	4. 06	3. 80	3. 53	3. 27	3. 01
26. 0500	2. 77	2. 54	2. 32	2. 12	1. 93
26. 3000	1. 75	1. 59	1. 44	1. 31	1. 18

S/N:  
PondPack Ver: Compute Time: Date:

Type... Reach Routing (HYG output) Page 9. 99  
Name... REACH 50 Tag: 25 Event: 25 yr  
File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
26. 5500	1. 07	. 97	. 87	. 79	. 71
26. 8000	. 64	. 57	. 51	. 46	. 41
27. 0500	. 37	. 33	. 29	. 26	. 23
27. 3000	. 21	. 18	. 16	. 14	. 12
27. 5500	. 10	. 09	. 08	. 06	. 05
27. 8000	. 04	. 04	. 03	. 02	. 02
28. 0500	. 01	. 01	. 01	. 01	. 01
28. 3000	. 01	. 01	. 01	. 01	. 01
28. 5500	. 01	. 01	. 01	. 01	. 01
28. 8000	. 01	. 01	. 01	. 01	. 01
29. 0500	. 01	. 01	. 01	. 01	. 01
29. 3000	. 01	. 01	. 01	. 01	. 01
29. 5500	. 00	. 00	. 00	. 00	. 00
29. 8000	. 00	. 00	. 00	. 00	. 00
30. 0500	. 00	. 00	. 00	. 00	. 00
30. 3000	. 00	. 00	. 00	. 00	. 00
30. 5500	. 00	. 00	. 00	. 00	. 00

S/N:  
PondPack Ver: Compute Time: Date:

Type... Reach Routing Summary Page 9. 100  
Name... REACH 50 Tag: 100 Event: 100 yr  
File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

MODIFIED PULS REACH ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
Inflow HYG file = NONE STORED - J1 100  
Outflow HYG file = NONE STORED - REACH 50 100  
  
Reach Link Data = REACH 50  
Reach Length = 500.00 ft  
Approx. Total Tt = .0404 hrs (based on Wtd. Q = 635.22 cfs)  
Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
Overflow Elev. = 593.00 ft  
Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

```

asbuilt basin 1 2 and 4.txt
Starting WS Elev = 573.00 ft
Starting Volume = 0 cu. ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout = .00 cfs
Time Increment = .0500 hrs

```

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

```

=====
Peak Inflow = 1368.25 cfs at 12.6000 hrs
Peak Outflow = 1366.30 cfs at 12.6500 hrs
=====

```

MASS BALANCE (cu. ft)

```

-----
+ Initial Vol = 0
+ HYG Vol IN = 10941710
- Infiltration = 0
- HYG Vol OUT = 10941680
- Retained Vol = 24
-----
Unrouted Vol = -4 cu. ft (.000% of Inflow Volume)

```

WARNING: For weighted average inflow, the approximate total travel time through entire reach is shorter than the inflow hydrograph time step. Consider reducing calculation time step.  
Wtd. Avg. Q = 635.22 cfs Approx. Total Tt = .0404 hrs

S/N:

PondPack Ver: Compute Time: Date:

Type... Reach Routing (HYG output) Page 9.101  
Name... REACH 50 Tag: 100 Event: 100 yr  
File... \\2serverprs\PondPack\Elmer-jobs\Dierberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

POND ROUTED TOTAL OUTFLOW HYG...

```

HYG file =
HYG ID = REACH 50
HYG Tag = 100

```

```

-----
Peak Discharge = 1366.30 cfs
Time to Peak = 12.6500 hrs
HYG Volume = 10941680 cu. ft
-----

```

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
6.5500	.00	.00	.00	.00	.00
6.8000	.00	.00	.00	.01	.01
7.0500	.05	.10	.16	.23	.32
7.3000	.41	.52	.65	.80	.96
7.5500	1.14	1.34	1.56	1.79	2.04
7.8000	2.31	2.59	2.88	3.19	3.52
8.0500	3.85	4.20	4.71	5.31	5.84

asbuilt basin 1 2 and 4.txt

8. 3000	6. 33	6. 80	7. 27	7. 74	8. 21
8. 5500	8. 70	9. 21	9. 73	10. 26	10. 83
8. 8000	11. 41	12. 02	12. 66	13. 32	14. 00
9. 0500	14. 86	15. 71	16. 53	17. 35	18. 20
9. 3000	19. 05	19. 92	20. 81	21. 71	22. 63
9. 5500	23. 55	24. 48	25. 42	26. 36	27. 31
9. 8000	28. 27	29. 37	30. 41	31. 43	32. 46
10. 0500	33. 53	34. 61	35. 74	36. 93	38. 16
10. 3000	39. 44	40. 81	42. 26	43. 74	45. 33
10. 5500	47. 10	48. 98	50. 91	52. 96	55. 07
10. 8000	57. 28	59. 67	62. 17	64. 77	67. 57
11. 0500	70. 68	73. 88	77. 26	80. 93	84. 70
11. 3000	88. 76	93. 24	98. 09	103. 40	109. 48
11. 5500	116. 14	123. 73	134. 88	149. 08	164. 16
11. 8000	189. 59	227. 92	269. 69	323. 06	394. 26
12. 0500	473. 23	559. 12	658. 90	767. 38	875. 48
12. 3000	976. 86	1072. 74	1168. 24	1240. 80	1288. 04
12. 5500	1333. 64	1362. 31	1366. 30	1362. 28	1351. 06
12. 8000	1322. 02	1282. 49	1241. 80	1190. 16	1129. 36
13. 0500	1068. 62	1008. 61	949. 03	890. 09	834. 63
13. 3000	785. 89	739. 84	695. 72	657. 11	622. 09
13. 5500	587. 70	556. 61	528. 50	501. 11	475. 50
13. 8000	452. 93	431. 19	410. 45	392. 03	374. 79
14. 0500	357. 94	342. 62	328. 83	315. 00	302. 35

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.102

Name... REACH 50

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
14. 3000	291. 04	280. 24	269. 93	260. 59	251. 65
14. 5500	243. 13	235. 59	228. 38	221. 36	214. 93
14. 8000	209. 05	203. 29	198. 03	193. 42	188. 83
15. 0500	184. 49	180. 54	176. 77	173. 16	169. 81
15. 3000	166. 66	163. 57	160. 63	157. 92	155. 19
15. 5500	152. 51	149. 90	147. 33	144. 82	142. 41
15. 8000	140. 06	137. 79	135. 69	133. 73	131. 82
16. 0500	130. 02	128. 32	126. 65	125. 03	123. 50
16. 3000	121. 94	120. 40	118. 91	117. 45	116. 01
16. 5500	114. 62	113. 29	111. 97	110. 72	109. 53
16. 8000	108. 37	107. 25	106. 20	105. 18	104. 19
17. 0500	103. 26	102. 37	101. 50	100. 67	99. 88
17. 3000	99. 10	98. 35	97. 64	96. 93	96. 24
17. 5500	95. 58	94. 93	94. 31	93. 69	93. 08
17. 8000	92. 46	91. 86	91. 26	90. 67	90. 09
18. 0500	89. 51	88. 94	88. 37	87. 81	87. 25
18. 3000	86. 69	86. 13	85. 58	85. 03	84. 48
18. 5500	83. 94	83. 39	82. 85	82. 30	81. 76
18. 8000	81. 22	80. 68	80. 14	79. 60	79. 06
19. 0500	78. 53	77. 99	77. 45	76. 92	76. 38
19. 3000	75. 84	75. 31	74. 77	74. 23	73. 70
19. 5500	73. 16	72. 63	72. 09	71. 55	71. 01
19. 8000	70. 48	69. 94	69. 40	68. 86	68. 35
20. 0500	67. 83	67. 31	66. 78	66. 24	65. 72
20. 3000	65. 19	64. 68	64. 17	63. 67	63. 19

asbuilt basin 1 2 and 4.txt

20. 5500	62. 71	62. 26	61. 82	61. 40	61. 00
20. 8000	60. 61	60. 26	59. 91	59. 58	59. 28
21. 0500	58. 99	58. 71	58. 46	58. 22	57. 99
21. 3000	57. 78	57. 57	57. 38	57. 19	57. 01
21. 5500	56. 84	56. 67	56. 52	56. 36	56. 21
21. 8000	56. 07	55. 93	55. 79	55. 66	55. 53
22. 0500	55. 40	55. 27	55. 15	55. 03	54. 91
22. 3000	54. 79	54. 67	54. 55	54. 44	54. 32
22. 5500	54. 21	54. 10	53. 99	53. 88	53. 77
22. 8000	53. 66	53. 55	53. 44	53. 33	53. 22
23. 0500	53. 12	53. 01	52. 90	52. 80	52. 69
23. 3000	52. 58	52. 48	52. 37	52. 26	52. 16
23. 5500	52. 05	51. 95	51. 84	51. 74	51. 63
23. 8000	51. 53	51. 42	51. 32	51. 21	51. 09
24. 0500	50. 90	50. 64	50. 34	49. 90	49. 26
24. 3000	48. 54	47. 63	46. 42	45. 12	43. 62
24. 5500	41. 86	39. 89	37. 82	35. 65	33. 41
24. 8000	31. 13	28. 87	26. 86	24. 85	22. 82
25. 0500	20. 87	18. 99	17. 19	15. 55	14. 08
25. 3000	12. 96	11. 85	10. 81	9. 83	8. 91

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9. 103

Name... REACH 50 Tag: 100

Event: 100 yr

File... \\2serverpr\ PondPack\ Elmer-j obs\ Di erberg Tract\ ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
25. 5500	8. 09	7. 33	6. 63	6. 01	5. 44
25. 8000	4. 91	4. 43	4. 17	3. 91	3. 65
26. 0500	3. 39	3. 13	2. 88	2. 64	2. 41
26. 3000	2. 20	2. 00	1. 82	1. 65	1. 50
26. 5500	1. 36	1. 23	1. 11	1. 00	. 90
26. 8000	. 81	. 73	. 66	. 59	. 53
27. 0500	. 47	. 42	. 38	. 34	. 30
27. 3000	. 26	. 23	. 20	. 18	. 16
27. 5500	. 13	. 12	. 10	. 08	. 07
27. 8000	. 06	. 05	. 04	. 03	. 02
28. 0500	. 02	. 01	. 01	. 01	. 01
28. 3000	. 01	. 01	. 01	. 01	. 01
28. 5500	. 01	. 01	. 01	. 01	. 01
28. 8000	. 01	. 01	. 01	. 01	. 01
29. 0500	. 01	. 01	. 01	. 01	. 01
29. 3000	. 01	. 01	. 01	. 01	. 01
29. 5500	. 01	. 00	. 00	. 00	. 00
29. 8000	. 00	. 00	. 00	. 00	. 00
30. 0500	. 00	. 00	. 00	. 00	. 00
30. 3000	. 00	. 00	. 00	. 00	. 00
30. 5500	. 00	. 00	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach E-V-Q Table

Page 9. 104

Name... REACH 60

File... \\2serverpr\ PondPack\ Elmer-j obs\ Di erberg Tract\ ASBUI LT BASIN 1 2 AND

4. PPW

asbuilt basin 1 2 and 4.txt

MODIFIED PULS REACH DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J6 15  
 Outflow HYG file = NONE STORED - REACH 60 15

Reach Link Data = REACH 60  
 Reach Length = 1585.00 ft  
 Approx. Total Tt = .1340 hrs (based on Wtd.Q = 535.18 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 573.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
573.00	.00	0	0	.00	.00	.00
573.01	.01	238	23838	.00	.01	2.66
573.40	4.38	10018	26311	.00	4.38	115.69
573.80	14.11	21048	28847	.00	14.11	247.98
574.20	28.22	33095	31383	.00	28.22	395.94
574.60	46.44	46154	33919	.00	46.44	559.26
575.00	68.71	60230	36455	.00	68.71	737.94
575.40	95.06	75320	38991	.00	95.06	931.95
575.80	125.54	91422	41527	.00	125.54	1141.35
576.20	160.25	108541	44063	.00	160.25	1366.27
576.60	199.28	126672	46599	.00	199.28	1606.74
577.00	242.75	145820	49135	.00	242.75	1862.97
577.40	290.78	165983	51671	.00	290.78	2135.03
577.80	343.48	187156	54207	.00	343.48	2423.00
578.20	401.00	209348	56743	.00	401.00	2727.08
578.60	463.44	232550	59279	.00	463.44	3047.33
579.00	530.95	256770	61815	.00	530.95	3383.95
579.40	603.65	282005	64351	.00	603.65	3737.03
579.80	681.65	308250	66887	.00	681.65	4106.65
580.20	765.10	335514	69423	.00	765.10	4493.03

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach E-V-Q Table

Page 9.105

Name... REACH 60

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

MODIFIED PULS REACH DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J6 15  
 Outflow HYG file = NONE STORED - REACH 60 15

asbuilt basin 1 2 and 4.txt

Reach Link Data = REACH 60  
 Reach Length = 1585.00 ft  
 Approx. Total Tt = .1340 hrs (based on Wtd.Q = 535.18 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 573.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
580.60	854.10	363787	71959	.00	854.10	4896.19
581.00	948.81	393080	74495	.00	948.81	5316.37
581.40	1049.34	423387	77031	.00	1049.34	5753.64
581.80	1155.80	454704	79567	.00	1155.80	6208.06
582.20	1268.33	487040	82103	.00	1268.33	6679.88
582.60	1387.03	520385	84639	.00	1387.03	7169.08
583.00	1512.05	554750	87175	.00	1512.05	7675.94
583.40	1643.51	590129	89711	.00	1643.51	8200.50
583.80	1781.49	626518	92247	.00	1781.49	8742.79
584.20	1926.15	663926	94783	.00	1926.15	9303.11
584.60	2077.58	702343	97319	.00	2077.58	9881.39
585.00	2235.92	741780	99855	.00	2235.92	10477.92
585.40	2401.29	782232	102391	.00	2401.29	11092.75
585.80	2573.76	823692	104927	.00	2573.76	11725.88
586.20	2753.50	866172	107463	.00	2753.50	12377.63
586.60	2940.57	909661	109999	.00	2940.57	13047.91
587.00	3135.13	954170	112535	.00	3135.13	13737.02
587.40	3337.29	999694	115071	.00	3337.29	14445.00
587.80	3547.10	1046225	117607	.00	3547.10	15171.83
588.20	3764.76	1093778	120143	.00	3764.76	15917.85

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach E-V-Q Table

Page 9.106

Name... REACH 60

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

MODIFIED PULS REACH DATA

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J6 15  
 Outflow HYG file = NONE STORED - REACH 60 15

Reach Link Data = REACH 60  
 Reach Length = 1585.00 ft  
 Approx. Total Tt = .1340 hrs (based on Wtd.Q = 535.18 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft  
 Overflow Channel = NONE



No Infiltration

INITIAL CONDITIONS

```
-----
Starting WS Elev = 573.00 ft
Starting Volume = 0 cu. ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout = .00 cfs
Time Increment = .0500 hrs
```

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
588.60	3990.29	1142338	122679	.00	3990.29	16682.93
589.00	4223.88	1191920	125215	.00	4223.88	17467.43
589.40	4465.60	1242516	127751	.00	4465.60	18271.34
589.80	4715.52	1294119	130287	.00	4715.52	19094.62
590.20	4973.83	1346744	132823	.00	4973.83	19937.65
590.60	5240.55	1400376	135359	.00	5240.55	20800.28
591.00	5515.87	1455030	137895	.00	5515.87	21682.87
591.40	5799.85	1510699	140431	.00	5799.85	22585.39
591.80	6092.55	1567373	142967	.00	6092.55	23507.81
592.20	6394.18	1625071	145503	.00	6394.18	24450.52
592.60	6704.73	1683774	148039	.00	6704.73	25413.32
593.00	7024.40	1743500	150575	.00	7024.40	26396.62

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing Summary

Page 9.107

Name... REACH 60 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

MODIFIED PULS REACH ROUTING SUMMARY

```
HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\
Inflow HYG file = NONE STORED - J6 15
Outflow HYG file = NONE STORED - REACH 60 15
```

```
Reach Link Data = REACH 60
Reach Length = 1585.00 ft
Approx. Total Tt = .1340 hrs (based on Wtd. Q = 535.18 cfs)
Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)
Overflow Elev. = 593.00 ft
Overflow Channel = NONE
```

No Infiltration

INITIAL CONDITIONS

```
-----
Starting WS Elev = 573.00 ft
Starting Volume = 0 cu. ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout = .00 cfs
Time Increment = .0500 hrs
```

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====

asbuilt basin 1 2 and 4.txt

Peak Inflow = 1113.83 cfs at 12.9000 hrs  
 Peak Outflow = 1102.61 cfs at 13.0000 hrs

=====

MASS BALANCE (cu. ft)

```

-----
+ Initial Vol = 0
+ HYG Vol IN = 10834920
- Infiltration = 0
- HYG Vol OUT = 10834860
- Retained Vol = 77
-----
Unrouted Vol = 15 cu. ft (.000% of Inflow Volume)
  
```

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Reach Routing (HYG output)

Page 9.108

Name... REACH 60 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

POND ROUTED TOTAL OUTFLOW HYG...

HYG file =  
 HYG ID = REACH 60  
 HYG Tag = 15

```

-----
Peak Discharge = 1102.61 cfs
Time to Peak = 13.0000 hrs
HYG Volume = 10834860 cu. ft
-----
  
```

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)					
4.6000	.00	.00	.00	.00	.00	.00
4.8500	.00	.00	.00	.00	.00	.00
5.1000	.00	.00	.00	.00	.00	.00
5.3500	.01	.01	.01	.02	.04	.04
5.6000	.06	.09	.11	.13	.15	.15
5.8500	.18	.20	.23	.26	.28	.28
6.1000	.31	.34	.37	.40	.43	.43
6.3500	.46	.50	.53	.57	.60	.60
6.6000	.64	.68	.71	.75	.79	.79
6.8500	.83	.87	.92	.96	1.00	1.00
7.1000	1.05	1.10	1.14	1.19	1.24	1.24
7.3500	1.29	1.34	1.39	1.45	1.50	1.50
7.6000	1.56	1.61	1.67	1.73	1.79	1.79
7.8500	1.85	1.92	1.98	2.05	2.12	2.12
8.1000	2.19	2.26	2.33	2.40	2.48	2.48
8.3500	2.55	2.63	2.72	2.80	2.89	2.89
8.6000	2.98	3.08	3.18	3.30	3.43	3.43
8.8500	3.58	3.73	3.89	4.06	4.23	4.23
9.1000	4.44	4.80	5.14	5.47	5.79	5.79
9.3500	6.12	6.44	6.77	7.10	7.44	7.44
9.6000	7.80	8.16	8.54	8.94	9.35	9.35
9.8500	9.78	10.23	10.71	11.22	11.78	11.78

asbuilt basin 1 2 and 4.txt

10. 1000	12. 39	13. 05	13. 75	14. 60	15. 58
10. 3500	16. 57	17. 56	18. 57	19. 59	20. 65
10. 6000	21. 72	22. 84	24. 02	25. 29	26. 64
10. 8500	28. 06	29. 78	31. 55	33. 35	35. 20
11. 1000	37. 11	39. 08	41. 18	43. 43	45. 83
11. 3500	48. 61	51. 56	54. 63	57. 83	61. 23
11. 6000	64. 91	68. 93	73. 76	79. 14	85. 47
11. 8500	93. 29	103. 94	118. 06	137. 66	164. 38
12. 1000	200. 35	246. 90	303. 89	369. 59	441. 20

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.109

Name... REACH 60

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
12. 3500	515. 69	590. 39	663. 30	733. 17	799. 25
12. 6000	860. 73	917. 34	967. 48	1010. 66	1045. 66
12. 8500	1072. 70	1091. 01	1100. 82	1102. 61	1096. 94
13. 1000	1084. 44	1065. 95	1042. 49	1015. 01	983. 97
13. 3500	950. 31	915. 33	878. 98	842. 43	806. 76
13. 6000	771. 99	739. 10	707. 70	677. 85	649. 93
13. 8500	623. 10	597. 48	573. 27	549. 89	527. 66
14. 1000	507. 01	487. 28	468. 48	450. 91	434. 20
14. 3500	418. 32	403. 33	389. 54	376. 49	364. 14
14. 6000	352. 50	341. 52	331. 28	321. 31	311. 62
14. 8500	302. 20	293. 05	284. 34	275. 86	267. 57
15. 1000	259. 54	251. 83	244. 46	237. 60	231. 04
15. 3500	224. 73	218. 70	212. 96	207. 55	202. 43
15. 6000	197. 65	193. 21	188. 92	184. 79	180. 83
15. 8500	177. 05	173. 43	169. 96	166. 64	163. 49
16. 1000	160. 46	157. 68	154. 96	152. 31	149. 73
16. 3500	147. 24	144. 82	142. 49	140. 25	138. 10
16. 6000	136. 03	134. 04	132. 12	130. 28	128. 51
16. 8500	126. 80	125. 18	123. 66	122. 17	120. 71
17. 1000	119. 28	117. 89	116. 55	115. 25	113. 99
17. 3500	112. 78	111. 60	110. 47	109. 37	108. 31
17. 6000	107. 29	106. 30	105. 35	104. 44	103. 55
17. 8500	102. 69	101. 85	101. 04	100. 24	99. 46
18. 1000	98. 69	97. 95	97. 22	96. 52	95. 84
18. 3500	95. 16	94. 54	93. 91	93. 29	92. 67
18. 6000	92. 05	91. 43	90. 81	90. 20	89. 59
18. 8500	88. 99	88. 39	87. 80	87. 21	86. 62
19. 1000	86. 03	85. 45	84. 88	84. 31	83. 74
19. 3500	83. 18	82. 62	82. 07	81. 51	80. 96
19. 6000	80. 41	79. 86	79. 31	78. 76	78. 21
19. 8500	77. 66	77. 11	76. 56	76. 02	75. 48
20. 1000	74. 95	74. 41	73. 88	73. 35	72. 82
20. 3500	72. 30	71. 77	71. 25	70. 73	70. 22
20. 6000	69. 72	69. 22	68. 73	68. 29	67. 84
20. 8500	67. 39	66. 94	66. 49	66. 05	65. 61
21. 1000	65. 19	64. 77	64. 36	63. 96	63. 58
21. 3500	63. 20	62. 84	62. 49	62. 15	61. 82
21. 6000	61. 51	61. 21	60. 92	60. 64	60. 37
21. 8500	60. 12	59. 87	59. 63	59. 41	59. 19
22. 1000	58. 98	58. 77	58. 58	58. 39	58. 21

asbuilt basin 1 2 and 4.txt

22. 3500	58.03	57.86	57.69	57.53	57.37
22. 6000	57.22	57.07	56.92	56.78	56.64
22. 8500	56.50	56.37	56.24	56.11	55.98
23. 1000	55.86	55.74	55.61	55.49	55.37
23. 3500	55.25	55.14	55.02	54.90	54.79

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.110

Name... REACH 60

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
23. 6000	54.67	54.55	54.44	54.33	54.21
23. 8500	54.10	53.99	53.87	53.76	53.65
24. 1000	53.53	53.41	53.27	53.10	52.88
24. 3500	52.60	52.26	51.84	51.34	50.77
24. 6000	50.12	49.40	48.61	47.78	46.90
24. 8500	46.02	45.11	44.12	43.05	41.91
25. 1000	40.71	39.47	38.18	36.87	35.55
25. 3500	34.23	32.92	31.65	30.42	29.21
25. 6000	28.05	27.04	26.01	24.98	23.94
25. 8500	22.91	21.90	20.90	19.94	19.01
26. 1000	18.13	17.30	16.53	15.81	15.13
26. 3500	14.49	13.92	13.46	12.99	12.52
26. 6000	12.05	11.59	11.13	10.68	10.25
26. 8500	9.82	9.40	9.00	8.62	8.25
27. 1000	7.89	7.55	7.22	6.91	6.62
27. 3500	6.34	6.09	5.85	5.63	5.43
27. 6000	5.25	5.09	4.94	4.80	4.67
27. 8500	4.55	4.43	4.35	4.29	4.23
28. 1000	4.17	4.11	4.05	3.98	3.92
28. 3500	3.85	3.78	3.72	3.65	3.58
28. 6000	3.51	3.44	3.38	3.31	3.24
28. 8500	3.17	3.11	3.04	2.97	2.91
29. 1000	2.85	2.78	2.72	2.66	2.60
29. 3500	2.54	2.48	2.42	2.37	2.31
29. 6000	2.26	2.20	2.15	2.10	2.05
29. 8500	2.00	1.95	1.90	1.86	1.81
30. 1000	1.77	1.73	1.69	1.65	1.61
30. 3500	1.57	1.53	1.49	1.46	1.42
30. 6000	1.39	1.36	1.33	1.29	1.26
30. 8500	1.24	1.21	1.18	1.15	1.12
31. 1000	1.10	1.07	1.05	1.03	1.00
31. 3500	.98	.96	.94	.92	.90
31. 6000	.88	.86	.84	.82	.80
31. 8500	.79	.77	.75	.74	.72
32. 1000	.71	.69	.68	.66	.65
32. 3500	.64	.62	.61	.60	.59
32. 6000	.58	.56	.55	.54	.53
32. 8500	.52	.51	.50	.49	.48
33. 1000	.47	.46	.46	.45	.44
33. 3500	.43	.42	.41	.41	.40
33. 6000	.39	.38	.38	.37	.36
33. 8500	.36	.35	.34	.34	.33
34. 1000	.33	.32	.31	.31	.30
34. 3500	.30	.29	.29	.28	.28

34. 6000 | .27 asbuilt basin 1 2 and 4.txt .26 .25

S/N:  
PondPack Ver: Compute Time: Date:

Type... Reach Routing (HYG output) Page 9.111

Name... REACH 60 Tag: 15 Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
34. 8500	.25	.24	.24	.24	.23
35. 1000	.23	.22	.22	.22	.21
35. 3500	.21	.20	.20	.20	.19
35. 6000	.19	.19	.18	.18	.18
35. 8500	.17	.17	.17	.17	.16
36. 1000	.16	.16	.15	.15	.15
36. 3500	.15	.14	.14	.14	.14
36. 6000	.13	.13	.13	.13	.13
36. 8500	.12	.12	.12	.12	.12
37. 1000	.11	.11	.11	.11	.11
37. 3500	.10	.10	.10	.10	.10
37. 6000	.10	.09	.09	.09	.09
37. 8500	.09	.09	.08	.08	.08
38. 1000	.08	.08	.08	.08	.07
38. 3500	.07	.07	.07	.07	.07
38. 6000	.07	.07	.07	.06	.06
38. 8500	.06	.06	.06	.06	.06
39. 1000	.06	.06	.05	.05	.05
39. 3500	.05	.05	.05	.05	.05
39. 6000	.05	.05	.05	.05	.04
39. 8500	.04	.04	.04	.04	.04
40. 1000	.04	.04	.04	.04	.04
40. 3500	.04	.04	.04	.04	.03
40. 6000	.03	.03	.03	.03	.03
40. 8500	.03	.03	.03	.03	.03
41. 1000	.03	.03	.03	.03	.03
41. 3500	.03	.03	.03	.02	.02
41. 6000	.02	.02	.02	.02	.02
41. 8500	.02	.02	.02	.02	.02
42. 1000	.02	.02	.02	.02	.02
42. 3500	.02	.02	.02	.02	.02
42. 6000	.02	.02	.02	.02	.02
42. 8500	.02	.02	.02	.01	.01
43. 1000	.01	.01	.01	.01	.01
43. 3500	.01	.01	.01	.01	.01
43. 6000	.01	.01	.01	.01	.01
43. 8500	.01	.01	.01	.01	.01
44. 1000	.01	.01	.01	.01	.01
44. 3500	.01	.01	.01	.01	.01
44. 6000	.01	.01	.01	.01	.01
44. 8500	.01	.01	.01	.01	.01
45. 1000	.01	.01	.01	.01	.01
45. 3500	.01	.01	.01	.01	.01
45. 6000	.01	.01	.01	.01	.01
45. 8500	.01	.01	.01	.01	.01

S/N:  
PondPack Ver: Compute Time: Date:

♀

Type... Reach Routing (HYG output) Page 9.112  
 Name... REACH 60 Tag: 15 Event: 15 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

---

Time hrs					
46. 1000	.01	.01	.01	.01	.01
46. 3500	.01	.01	.01	.01	.01
46. 6000	.01	.01	.01	.01	.01
46. 8500	.01	.01	.01	.01	.01
47. 1000	.01	.01	.01	.01	.01
47. 3500	.01	.01	.01	.01	.01
47. 6000	.01	.01	.01	.01	.01
47. 8500	.01	.01	.01	.01	.01
48. 1000	.01	.01	.01	.01	.01
48. 3500	.01	.01	.01	.01	.01
48. 6000	.01	.01	.01	.01	.01
48. 8500	.01	.01	.01	.01	.01
49. 1000	.01	.01	.01	.01	.01
49. 3500	.01	.01	.01	.01	.01
49. 6000	.01	.01	.01	.01	.01
49. 8500	.01	.01	.01	.01	.01
50. 1000	.01	.01	.01	.01	.01
50. 3500	.01	.01	.01	.01	.01
50. 6000	.01	.01	.01	.01	.01
50. 8500	.01	.01	.01	.01	.01
51. 1000	.01	.01	.01	.01	.01
51. 3500	.01	.01	.01	.01	.01
51. 6000	.01	.01	.01	.01	.01
51. 8500	.01	.01	.01	.01	.01
52. 1000	.01	.01	.01	.01	.01
52. 3500	.01	.01	.01	.01	.01
52. 6000	.01	.01	.01	.01	.01
52. 8500	.01	.01	.01	.01	.01
53. 1000	.01	.01	.01	.01	.01
53. 3500	.01	.01	.01	.01	.01
53. 6000	.01	.01	.01	.01	.01
53. 8500	.01	.01	.01	.01	.01
54. 1000	.01	.01	.01	.01	.01
54. 3500	.01	.01	.01	.01	.01
54. 6000	.01	.01	.01	.01	.01
54. 8500	.01	.01	.01	.01	.01
55. 1000	.01	.01	.01	.01	.01
55. 3500	.01	.01	.01	.01	.01
55. 6000	.01	.01	.01	.01	.01
55. 8500	.01	.01	.01	.01	.01
56. 1000	.01	.01	.01	.01	.01
56. 3500	.01	.01	.01	.01	.01
56. 6000	.01	.01	.01	.01	.01
56. 8500	.01	.01	.01	.01	.01
57. 1000	.01	.01	.01	.01	.01

S/N:  
 PondPack Ver: Compute Time: Date:

♀

Type... Reach Routing (HYG output) Page 9.113  
 Name... REACH 60 Tag: 15 Event: 15 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 Page 278

asbuilt basin 1 2 and 4.txt

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
57. 3500	.01	.01	.01	.01	.01
57. 6000	.01	.01	.01	.01	.01
57. 8500	.01	.01	.01	.01	.01
58. 1000	.01	.01	.01	.01	.01
58. 3500	.01	.01	.01	.01	.01
58. 6000	.01	.01	.01	.01	.01
58. 8500	.01	.01	.01	.01	.01
59. 1000	.01	.01	.01	.01	.01
59. 3500	.01	.01	.01	.01	.01
59. 6000	.01	.01	.01	.01	.01
59. 8500	.01	.01	.01	.01	.01
60. 1000	.01	.01	.01	.01	.01
60. 3500	.01	.01	.01	.01	.01
60. 6000	.01	.01	.01	.01	.01
60. 8500	.01	.01	.01	.01	.01
61. 1000	.01	.01	.01	.01	.01
61. 3500	.01	.01	.01	.01	.01
61. 6000	.01	.01	.01	.01	.01
61. 8500	.01	.01	.01	.01	.01
62. 1000	.01	.01	.01	.01	.01
62. 3500	.01	.01	.01	.01	.01
62. 6000	.01	.01	.01	.01	.01
62. 8500	.01	.01	.01	.01	.01
63. 1000	.01	.01	.01	.01	.01
63. 3500	.01	.01	.01	.01	.01
63. 6000	.01	.01	.01	.01	.00
63. 8500	.00	.00	.00	.00	.00
64. 1000	.00	.00	.00	.00	.00
64. 3500	.00	.00	.00	.00	.00
64. 6000	.00	.00	.00	.00	.00
64. 8500	.00	.00	.00	.00	.00
65. 1000	.00	.00	.00	.00	.00
65. 3500	.00	.00	.00	.00	.00
65. 6000	.00	.00	.00	.00	.00
65. 8500	.00	.00	.00	.00	.00
66. 1000	.00	.00	.00	.00	.00
66. 3500	.00	.00	.00	.00	.00
66. 6000	.00	.00	.00	.00	.00
66. 8500	.00	.00	.00	.00	.00
67. 1000	.00	.00	.00	.00	.00
67. 3500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing Summary

Page 9.114

Name... REACH 60 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

MODIFIED PULS REACH ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Inflow HYG file = NONE STORED - J6 25

Outflow HYG file = NONE STORED - REACH 60 25

asbuilt basin 1 2 and 4.txt

Reach Link Data = REACH 60  
 Reach Length = 1585.00 ft  
 Approx. Total Tt = .1293 hrs (based on Wtd.Q = 611.50 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 573.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====

Peak Inflow	=	1276.07 cfs	at	12.9000 hrs
Peak Outflow	=	1263.42 cfs	at	12.9500 hrs

=====

MASS BALANCE (cu. ft)

-----

+ Initial Vol	=	0
+ HYG Vol IN	=	12427540
- Infiltration	=	0
- HYG Vol OUT	=	12427490
- Retained Vol	=	77
-----		
Unrouted Vol	=	26 cu. ft (.000% of Inflow Volume)

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.115

Name... REACH 60 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

POND ROUTED TOTAL OUTFLOW HYG...

HYG file =  
 HYG ID = REACH 60  
 HYG Tag = 25

-----  
 Peak Discharge = 1263.42 cfs  
 Time to Peak = 12.9500 hrs  
 HYG Volume = 12427490 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)

Time |  
 hrs | Output Time increment = .0500 hrs  
 ----- | Time on left represents time for first value in each row.



asbuilt basin 1 2 and 4.txt

4. 2500	.00	.00	.00	.00	.00
4. 5000	.00	.00	.00	.00	.00
4. 7500	.00	.00	.00	.00	.00
5. 0000	.01	.01	.01	.02	.04
5. 2500	.06	.08	.11	.13	.15
5. 5000	.18	.21	.23	.26	.29
5. 7500	.32	.35	.38	.41	.45
6. 0000	.48	.52	.55	.59	.63
6. 2500	.67	.71	.75	.79	.83
6. 5000	.87	.92	.96	1.01	1.06
6. 7500	1.11	1.16	1.21	1.26	1.31
7. 0000	1.37	1.42	1.48	1.54	1.60
7. 2500	1.66	1.72	1.79	1.85	1.92
7. 5000	1.99	2.06	2.13	2.20	2.28
7. 7500	2.35	2.43	2.51	2.59	2.68
8. 0000	2.77	2.86	2.95	3.05	3.16
8. 2500	3.28	3.41	3.56	3.70	3.86
8. 5000	4.02	4.19	4.36	4.67	4.99
8. 7500	5.30	5.61	5.90	6.20	6.50
9. 0000	6.80	7.11	7.43	7.76	8.11
9. 2500	8.48	8.86	9.27	9.70	10.15
9. 5000	10.62	11.13	11.69	12.31	12.96
9. 7500	13.66	14.46	15.43	16.38	17.34
10. 0000	18.30	19.26	20.24	21.23	22.24
10. 2500	23.28	24.36	25.52	26.73	28.00
10. 5000	29.51	31.06	32.62	34.20	35.80
10. 7500	37.44	39.13	40.88	42.74	44.71
11. 0000	46.83	49.25	51.74	54.29	56.94
11. 2500	59.69	62.60	65.70	69.02	72.81
11. 5000	76.75	80.88	85.30	90.15	95.64
11. 7500	102.31	110.12	119.83	132.78	150.28

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.116

Name... REACH 60

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
12. 0000	174.21	206.60	249.71	304.75	371.12
12. 2500	446.67	528.36	613.15	697.72	780.04
12. 5000	858.92	933.72	1003.36	1066.53	1122.62
12. 7500	1170.06	1208.38	1236.57	1254.81	1263.42
13. 0000	1262.95	1254.06	1237.53	1214.16	1185.05
13. 2500	1151.43	1114.76	1075.47	1034.96	994.26
13. 5000	953.38	913.48	874.10	836.08	799.86
13. 7500	765.28	733.19	702.70	674.02	647.29
14. 0000	621.88	597.86	575.20	553.27	532.19
14. 2500	512.39	493.28	475.08	457.99	441.97
14. 5000	426.59	411.98	398.26	385.62	373.60
14. 7500	362.25	351.59	341.59	332.33	323.42
15. 0000	314.82	306.49	298.39	290.48	282.96
15. 2500	275.49	268.12	260.93	253.97	247.29
15. 5000	240.92	234.94	229.13	223.53	218.15
15. 7500	213.01	208.11	203.46	199.03	194.94
16. 0000	190.95	187.08	183.34	179.74	176.29
16. 2500	172.99	169.83	166.81	163.93	161.18

asbuilt basin 1 2 and 4.txt

16. 5000	158.62	156.18	153.80	151.48	149.24
16. 7500	147.06	144.96	142.93	140.97	139.09
17. 0000	137.29	135.55	133.88	132.27	130.71
17. 2500	129.21	127.79	126.41	125.11	123.89
17. 5000	122.69	121.52	120.37	119.26	118.18
17. 7500	117.13	116.12	115.14	114.19	113.26
18. 0000	112.36	111.48	110.62	109.78	108.96
18. 2500	108.16	107.37	106.59	105.83	105.09
18. 5000	104.37	103.66	102.96	102.27	101.59
18. 7500	100.91	100.24	99.56	98.88	98.21
19. 0000	97.53	96.87	96.22	95.57	94.94
19. 2500	94.33	93.72	93.10	92.48	91.85
19. 5000	91.22	90.60	89.97	89.34	88.71
19. 7500	88.08	87.46	86.83	86.20	85.58
20. 0000	84.96	84.34	83.73	83.12	82.51
20. 2500	81.90	81.30	80.69	80.09	79.49
20. 5000	78.90	78.31	77.73	77.15	76.59
20. 7500	76.03	75.49	74.97	74.45	73.95
21. 0000	73.46	72.98	72.51	72.06	71.62
21. 2500	71.19	70.77	70.37	69.99	69.62
21. 5000	69.27	68.92	68.61	68.31	68.02
21. 7500	67.74	67.46	67.19	66.92	66.67
22. 0000	66.42	66.18	65.95	65.73	65.51
22. 2500	65.30	65.10	64.90	64.71	64.53
22. 5000	64.35	64.17	64.00	63.83	63.67
22. 7500	63.51	63.35	63.20	63.04	62.90
23. 0000	62.75	62.60	62.46	62.32	62.18

S/N:

PondPack Ver:

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Type... Reach Routing (HYG output)

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Name... REACH 60

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
23. 2500	62.04	61.90	61.77	61.63	61.50
23. 5000	61.37	61.23	61.10	60.97	60.84
23. 7500	60.71	60.59	60.46	60.33	60.21
24. 0000	60.08	59.95	59.82	59.68	59.52
24. 2500	59.32	59.07	58.76	58.36	57.88
24. 5000	57.30	56.63	55.86	55.01	54.08
24. 7500	53.08	52.02	50.90	49.74	48.53
25. 0000	47.28	46.02	44.79	43.48	42.11
25. 2500	40.69	39.24	37.76	36.28	34.81
25. 5000	33.36	31.96	30.62	29.30	28.05
25. 7500	26.97	25.88	24.79	23.71	22.65
26. 0000	21.60	20.58	19.61	18.68	17.80
26. 2500	16.98	16.22	15.50	14.83	14.19
26. 5000	13.69	13.22	12.74	12.27	11.80
26. 7500	11.34	10.88	10.44	10.00	9.58
27. 0000	9.17	8.78	8.40	8.04	7.69
27. 2500	7.35	7.04	6.74	6.46	6.19
27. 5000	5.95	5.72	5.51	5.33	5.16
27. 7500	5.00	4.86	4.72	4.60	4.48
28. 0000	4.37	4.32	4.26	4.20	4.14
28. 2500	4.07	4.01	3.94	3.88	3.81
28. 5000	3.74	3.68	3.61	3.54	3.47

asbuilt basin 1 2 and 4.txt

28. 7500	3. 40	3. 34	3. 27	3. 20	3. 14
29. 0000	3. 07	3. 00	2. 94	2. 87	2. 81
29. 2500	2. 75	2. 69	2. 63	2. 57	2. 51
29. 5000	2. 45	2. 39	2. 34	2. 28	2. 23
29. 7500	2. 18	2. 12	2. 07	2. 02	1. 98
30. 0000	1. 93	1. 88	1. 84	1. 79	1. 75
30. 2500	1. 71	1. 67	1. 63	1. 59	1. 55
30. 5000	1. 52	1. 48	1. 44	1. 41	1. 38
30. 7500	1. 34	1. 31	1. 28	1. 25	1. 22
31. 0000	1. 20	1. 17	1. 14	1. 12	1. 09
31. 2500	1. 07	1. 04	1. 02	1. 00	. 97
31. 5000	. 95	. 93	. 91	. 89	. 87
31. 7500	. 85	. 83	. 82	. 80	. 78
32. 0000	. 77	. 75	. 73	. 72	. 70
32. 2500	. 69	. 68	. 66	. 65	. 64
32. 5000	. 62	. 61	. 60	. 59	. 57
32. 7500	. 56	. 55	. 54	. 53	. 52
33. 0000	. 51	. 50	. 49	. 48	. 47
33. 2500	. 46	. 45	. 45	. 44	. 43
33. 5000	. 42	. 41	. 41	. 40	. 39
33. 7500	. 38	. 38	. 37	. 36	. 36
34. 0000	. 35	. 34	. 34	. 33	. 33
34. 2500	. 32	. 31	. 31	. 30	. 30

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

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Name... REACH 60 Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time hrs Time on left represents time for first value in each row.

34. 5000	. 29	. 29	. 28	. 28	. 27
34. 7500	. 27	. 26	. 26	. 25	. 25
35. 0000	. 24	. 24	. 24	. 23	. 23
35. 2500	. 22	. 22	. 22	. 21	. 21
35. 5000	. 20	. 20	. 20	. 19	. 19
35. 7500	. 19	. 18	. 18	. 18	. 17
36. 0000	. 17	. 17	. 17	. 16	. 16
36. 2500	. 16	. 15	. 15	. 15	. 15
36. 5000	. 14	. 14	. 14	. 14	. 13
36. 7500	. 13	. 13	. 13	. 13	. 12
37. 0000	. 12	. 12	. 12	. 12	. 11
37. 2500	. 11	. 11	. 11	. 11	. 10
37. 5000	. 10	. 10	. 10	. 10	. 10
37. 7500	. 09	. 09	. 09	. 09	. 09
38. 0000	. 09	. 08	. 08	. 08	. 08
38. 2500	. 08	. 08	. 08	. 07	. 07
38. 5000	. 07	. 07	. 07	. 07	. 07
38. 7500	. 07	. 07	. 06	. 06	. 06
39. 0000	. 06	. 06	. 06	. 06	. 06
39. 2500	. 06	. 05	. 05	. 05	. 05
39. 5000	. 05	. 05	. 05	. 05	. 05
39. 7500	. 05	. 05	. 05	. 04	. 04
40. 0000	. 04	. 04	. 04	. 04	. 04
40. 2500	. 04	. 04	. 04	. 04	. 04
40. 5000	. 04	. 04	. 04	. 03	. 03
40. 7500	. 03	. 03	. 03	. 03	. 03

asbuilt basin 1 2 and 4.txt

41.0000	.03	.03	.03	.03	.03
41.2500	.03	.03	.03	.03	.03
41.5000	.03	.03	.02	.02	.02
41.7500	.02	.02	.02	.02	.02
42.0000	.02	.02	.02	.02	.02
42.2500	.02	.02	.02	.02	.02
42.5000	.02	.02	.02	.02	.02
42.7500	.02	.02	.02	.02	.02
43.0000	.02	.02	.01	.01	.01
43.2500	.01	.01	.01	.01	.01
43.5000	.01	.01	.01	.01	.01
43.7500	.01	.01	.01	.01	.01
44.0000	.01	.01	.01	.01	.01
44.2500	.01	.01	.01	.01	.01
44.5000	.01	.01	.01	.01	.01
44.7500	.01	.01	.01	.01	.01
45.0000	.01	.01	.01	.01	.01
45.2500	.01	.01	.01	.01	.01
45.5000	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9.119

Name... REACH 60

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

45.7500	.01	.01	.01	.01	.01
46.0000	.01	.01	.01	.01	.01
46.2500	.01	.01	.01	.01	.01
46.5000	.01	.01	.01	.01	.01
46.7500	.01	.01	.01	.01	.01
47.0000	.01	.01	.01	.01	.01
47.2500	.01	.01	.01	.01	.01
47.5000	.01	.01	.01	.01	.01
47.7500	.01	.01	.01	.01	.01
48.0000	.01	.01	.01	.01	.01
48.2500	.01	.01	.01	.01	.01
48.5000	.01	.01	.01	.01	.01
48.7500	.01	.01	.01	.01	.01
49.0000	.01	.01	.01	.01	.01
49.2500	.01	.01	.01	.01	.01
49.5000	.01	.01	.01	.01	.01
49.7500	.01	.01	.01	.01	.01
50.0000	.01	.01	.01	.01	.01
50.2500	.01	.01	.01	.01	.01
50.5000	.01	.01	.01	.01	.01
50.7500	.01	.01	.01	.01	.01
51.0000	.01	.01	.01	.01	.01
51.2500	.01	.01	.01	.01	.01
51.5000	.01	.01	.01	.01	.01
51.7500	.01	.01	.01	.01	.01
52.0000	.01	.01	.01	.01	.01
52.2500	.01	.01	.01	.01	.01
52.5000	.01	.01	.01	.01	.01
52.7500	.01	.01	.01	.01	.01
53.0000	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

53. 2500	.01	.01	.01	.01	.01
53. 5000	.01	.01	.01	.01	.01
53. 7500	.01	.01	.01	.01	.01
54. 0000	.01	.01	.01	.01	.01
54. 2500	.01	.01	.01	.01	.01
54. 5000	.01	.01	.01	.01	.01
54. 7500	.01	.01	.01	.01	.01
55. 0000	.01	.01	.01	.01	.01
55. 2500	.01	.01	.01	.01	.01
55. 5000	.01	.01	.01	.01	.01
55. 7500	.01	.01	.01	.01	.01
56. 0000	.01	.01	.01	.01	.01
56. 2500	.01	.01	.01	.01	.01
56. 5000	.01	.01	.01	.01	.01
56. 7500	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

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Name... REACH 60

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
57. 0000	.01	.01	.01	.01	.01
57. 2500	.01	.01	.01	.01	.01
57. 5000	.01	.01	.01	.01	.01
57. 7500	.01	.01	.01	.01	.01
58. 0000	.01	.01	.01	.01	.01
58. 2500	.01	.01	.01	.01	.01
58. 5000	.01	.01	.01	.01	.01
58. 7500	.01	.01	.01	.01	.01
59. 0000	.01	.01	.01	.01	.01
59. 2500	.01	.01	.01	.01	.01
59. 5000	.01	.01	.01	.01	.01
59. 7500	.01	.01	.01	.01	.01
60. 0000	.01	.01	.01	.01	.01
60. 2500	.01	.01	.01	.01	.01
60. 5000	.01	.01	.01	.01	.01
60. 7500	.01	.01	.01	.01	.01
61. 0000	.01	.01	.01	.01	.01
61. 2500	.01	.01	.01	.01	.01
61. 5000	.01	.01	.01	.01	.01
61. 7500	.01	.01	.01	.01	.01
62. 0000	.01	.01	.01	.01	.01
62. 2500	.01	.01	.01	.01	.01
62. 5000	.01	.01	.01	.01	.01
62. 7500	.01	.01	.01	.01	.01
63. 0000	.01	.01	.01	.01	.01
63. 2500	.01	.01	.01	.01	.01
63. 5000	.01	.01	.01	.01	.01
63. 7500	.01	.01	.01	.00	.00
64. 0000	.00	.00	.00	.00	.00
64. 2500	.00	.00	.00	.00	.00
64. 5000	.00	.00	.00	.00	.00
64. 7500	.00	.00	.00	.00	.00
65. 0000	.00	.00	.00	.00	.00
65. 2500	.00	.00	.00	.00	.00

		asbuilt basin 1 2 and 4.txt				
65.5000	.00	.00	.00	.00	.00	.00
65.7500	.00	.00	.00	.00	.00	.00
66.0000	.00	.00	.00	.00	.00	.00
66.2500	.00	.00	.00	.00	.00	.00
66.5000	.00	.00	.00	.00	.00	.00
66.7500	.00	.00	.00	.00	.00	.00
67.0000	.00	.00	.00	.00	.00	.00
67.2500	.00	.00	.00	.00	.00	.00
67.5000	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing Summary

Page 9.121

Name... REACH 60 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

MODIFIED PULS REACH ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - J6 100  
 Outflow HYG file = NONE STORED - REACH 60 100

Reach Link Data = REACH 60  
 Reach Length = 1585.00 ft  
 Approx. Total Tt = .1200 hrs (based on Wtd.Q = 807.94 cfs)  
 Reach Channel = Chn-Trapz - 1 (Chn-Trapz.)  
 Overflow Elev. = 593.00 ft  
 Overflow Channel = NONE

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 573.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====  
 Peak Inflow = 1701.15 cfs at 12.8500 hrs  
 Peak Outflow = 1687.30 cfs at 12.9500 hrs  
 =====

MASS BALANCE (cu. ft)

-----  
 + Initial Vol = 0  
 + HYG Vol IN = 16691270  
 - Infiltration = 0  
 - HYG Vol OUT = 16691220  
 - Retained Vol = 77  
 -----  
 Unrouted Vol = 24 cu. ft (.000% of Inflow Volume)

asbuilt basin 1 2 and 4.txt

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9.122

Name... REACH 60 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

POND ROUTED TOTAL OUTFLOW HYG...

HYG file =  
HYG ID = REACH 60  
HYG Tag = 100

-----  
Peak Discharge = 1687.30 cfs  
Time to Peak = 12.9500 hrs  
HYG Volume = 16691220 cu. ft  
-----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
3.6000	.00	.00	.00	.00	.00
3.8500	.00	.00	.00	.00	.00
4.1000	.00	.00	.00	.00	.01
4.3500	.01	.01	.02	.04	.06
4.6000	.09	.11	.14	.17	.20
4.8500	.23	.26	.29	.32	.36
5.1000	.39	.43	.46	.50	.54
5.3500	.58	.63	.67	.71	.76
5.6000	.81	.85	.90	.95	1.01
5.8500	1.06	1.11	1.17	1.23	1.29
6.1000	1.35	1.41	1.47	1.54	1.61
6.3500	1.67	1.75	1.82	1.89	1.97
6.6000	2.05	2.13	2.21	2.29	2.38
6.8500	2.47	2.56	2.66	2.76	2.87
7.1000	2.98	3.10	3.24	3.39	3.55
7.3500	3.72	3.89	4.08	4.26	4.52
7.6000	4.88	5.22	5.55	5.86	6.18
7.8500	6.49	6.79	7.10	7.41	7.73
8.1000	8.05	8.39	8.73	9.09	9.46
8.3500	9.85	10.25	10.67	11.11	11.59
8.6000	12.11	12.68	13.29	13.93	14.75
8.8500	15.63	16.51	17.40	18.29	19.19
9.1000	20.11	21.04	21.99	22.97	23.98
9.3500	25.04	26.17	27.35	28.62	30.07
9.6000	31.50	32.92	34.34	35.76	37.17
9.8500	38.59	40.02	41.47	42.95	44.49
10.1000	46.07	47.85	49.67	51.49	53.32
10.3500	55.17	57.05	58.96	60.93	62.95
10.6000	65.06	67.28	69.68	72.28	74.92
10.8500	77.62	80.40	83.27	86.26	89.40
11.1000	92.75	96.39	100.39	104.54	108.89

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Reach Routing (HYG output)

Page 9.123

Name... REACH 60 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100 asbuilt basin 1 2 and 4.txt

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
11. 3500	113.46	118.35	123.63	129.53	135.93
11. 6000	142.71	150.11	158.42	168.44	180.47
11. 8500	195.40	215.29	241.39	277.02	324.35
12. 1000	385.78	462.20	553.15	655.26	765.47
12. 3500	880.93	996.41	1107.89	1212.90	1309.93
12. 6000	1397.54	1475.43	1542.16	1597.06	1638.99
12. 8500	1668.21	1684.12	1687.30	1678.70	1659.44
13. 1000	1630.89	1594.22	1550.56	1501.66	1449.41
13. 3500	1394.40	1338.90	1283.08	1228.56	1175.42
13. 6000	1124.57	1076.00	1029.86	986.26	944.55
13. 8500	905.25	867.56	832.23	799.13	767.95
14. 1000	739.11	711.81	686.00	661.94	639.05
14. 3500	617.31	596.82	577.56	559.12	541.59
14. 6000	524.98	509.16	493.71	478.73	464.27
14. 8500	450.67	437.47	424.75	412.53	400.88
15. 1000	390.22	380.07	370.48	361.46	353.00
15. 3500	345.06	337.74	330.77	324.09	317.70
15. 6000	311.57	305.65	299.91	294.28	288.73
15. 8500	283.21	277.56	271.82	266.02	260.23
16. 1000	254.50	248.88	243.40	238.24	233.18
16. 3500	228.25	223.48	218.89	214.49	210.28
16. 6000	206.28	202.48	198.87	195.54	192.31
16. 8500	189.17	186.15	183.24	180.44	177.78
17. 1000	175.23	172.80	170.47	168.24	166.11
17. 3500	164.08	162.15	160.29	158.59	156.94
17. 6000	155.33	153.78	152.27	150.82	149.41
17. 8500	148.06	146.74	145.47	144.23	143.02
18. 1000	141.85	140.71	139.60	138.52	137.47
18. 3500	136.45	135.44	134.46	133.49	132.53
18. 6000	131.59	130.66	129.73	128.82	127.93
18. 8500	127.05	126.17	125.32	124.50	123.68
19. 1000	122.84	122.00	121.16	120.33	119.49
19. 3500	118.65	117.82	117.00	116.18	115.36
19. 6000	114.55	113.74	112.93	112.13	111.33
19. 8500	110.53	109.73	108.94	108.14	107.35
20. 1000	106.55	105.76	104.98	104.21	103.44
20. 3500	102.67	101.91	101.15	100.39	99.63
20. 6000	98.87	98.12	97.38	96.66	95.95
20. 8500	95.26	94.61	93.99	93.36	92.75
21. 1000	92.14	91.55	90.98	90.42	89.88
21. 3500	89.36	88.85	88.37	87.90	87.46
21. 6000	87.03	86.62	86.22	85.84	85.48
21. 8500	85.14	84.80	84.49	84.18	83.89
22. 1000	83.61	83.34	83.07	82.82	82.58
22. 3500	82.34	82.11	81.89	81.67	81.46

S/N: PondPack Ver: Compute Time: Date:

Type... Reach Routing (HYG output) Page 9.124  
 Name... REACH 60 Tag: 100 Event: 100 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Page 288



asbuilt basin 1 2 and 4.txt

hrs	Time on left represents time for first value in each row.				
22. 6000	81.25	81.04	80.84	80.64	80.45
22. 8500	80.26	80.07	79.89	79.71	79.53
23. 1000	79.35	79.17	79.00	78.83	78.66
23. 3500	78.49	78.32	78.15	77.98	77.82
23. 6000	77.65	77.49	77.33	77.16	77.00
23. 8500	76.84	76.68	76.52	76.36	76.20
24. 1000	76.03	75.85	75.64	75.38	75.05
24. 3500	74.62	74.08	73.41	72.61	71.68
24. 6000	70.64	69.50	68.30	67.07	65.72
24. 8500	64.26	62.70	61.04	59.30	57.47
25. 1000	55.58	53.64	51.69	49.76	47.85
25. 3500	45.98	44.26	42.49	40.71	38.92
25. 6000	37.15	35.41	33.74	32.14	30.62
25. 8500	29.15	27.81	26.63	25.45	24.29
26. 1000	23.15	22.04	20.96	19.93	18.95
26. 3500	18.03	17.17	16.38	15.64	14.94
26. 6000	14.28	13.75	13.27	12.79	12.31
26. 8500	11.83	11.37	10.91	10.46	10.02
27. 1000	9.60	9.19	8.79	8.41	8.05
27. 3500	7.70	7.36	7.04	6.74	6.46
27. 6000	6.20	5.95	5.73	5.52	5.33
27. 8500	5.16	5.01	4.86	4.73	4.60
28. 1000	4.49	4.38	4.32	4.26	4.20
28. 3500	4.14	4.08	4.01	3.95	3.88
28. 6000	3.82	3.75	3.68	3.61	3.55
28. 8500	3.48	3.41	3.34	3.28	3.21
29. 1000	3.14	3.08	3.01	2.95	2.88
29. 3500	2.82	2.76	2.70	2.64	2.58
29. 6000	2.52	2.46	2.40	2.35	2.29
29. 8500	2.24	2.19	2.14	2.09	2.04
30. 1000	1.99	1.94	1.90	1.85	1.81
30. 3500	1.77	1.72	1.68	1.64	1.61
30. 6000	1.57	1.53	1.50	1.46	1.43
30. 8500	1.39	1.36	1.33	1.30	1.27
31. 1000	1.24	1.21	1.18	1.16	1.13
31. 3500	1.11	1.08	1.06	1.03	1.01
31. 6000	.99	.97	.95	.93	.91
31. 8500	.89	.87	.85	.83	.81
32. 1000	.80	.78	.76	.75	.73
32. 3500	.72	.70	.69	.68	.66
32. 6000	.65	.64	.62	.61	.60
32. 8500	.59	.58	.56	.55	.54
33. 1000	.53	.52	.51	.50	.49
33. 3500	.48	.47	.47	.46	.45
33. 6000	.44	.43	.42	.42	.41

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9.125

Name... REACH 60 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
33. 8500	.40	.39	.39	.38	.37
34. 1000	.37	.36	.35	.35	.34

asbuilt basin 1 2 and 4.txt

34. 3500	.33	.33	.32	.32	.31
34. 6000	.30	.30	.29	.29	.28
34. 8500	.28	.27	.27	.26	.26
35. 1000	.26	.25	.25	.24	.24
35. 3500	.23	.23	.23	.22	.22
35. 6000	.21	.21	.21	.20	.20
35. 8500	.20	.19	.19	.19	.18
36. 1000	.18	.18	.17	.17	.17
36. 3500	.16	.16	.16	.16	.15
36. 6000	.15	.15	.15	.14	.14
36. 8500	.14	.14	.13	.13	.13
37. 1000	.13	.12	.12	.12	.12
37. 3500	.12	.11	.11	.11	.11
37. 6000	.11	.10	.10	.10	.10
37. 8500	.10	.10	.09	.09	.09
38. 1000	.09	.09	.09	.09	.08
38. 3500	.08	.08	.08	.08	.08
38. 6000	.08	.07	.07	.07	.07
38. 8500	.07	.07	.07	.07	.06
39. 1000	.06	.06	.06	.06	.06
39. 3500	.06	.06	.06	.06	.05
39. 6000	.05	.05	.05	.05	.05
39. 8500	.05	.05	.05	.05	.05
40. 1000	.05	.04	.04	.04	.04
40. 3500	.04	.04	.04	.04	.04
40. 6000	.04	.04	.04	.04	.04
40. 8500	.03	.03	.03	.03	.03
41. 1000	.03	.03	.03	.03	.03
41. 3500	.03	.03	.03	.03	.03
41. 6000	.03	.03	.03	.03	.03
41. 8500	.02	.02	.02	.02	.02
42. 1000	.02	.02	.02	.02	.02
42. 3500	.02	.02	.02	.02	.02
42. 6000	.02	.02	.02	.02	.02
42. 8500	.02	.02	.02	.02	.02
43. 1000	.02	.02	.02	.02	.02
43. 3500	.01	.01	.01	.01	.01
43. 6000	.01	.01	.01	.01	.01
43. 8500	.01	.01	.01	.01	.01
44. 1000	.01	.01	.01	.01	.01
44. 3500	.01	.01	.01	.01	.01
44. 6000	.01	.01	.01	.01	.01
44. 8500	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Reach Routing (HYG output)

Page 9.126

Name... REACH 60

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

45. 1000	.01	.01	.01	.01	.01
45. 3500	.01	.01	.01	.01	.01
45. 6000	.01	.01	.01	.01	.01
45. 8500	.01	.01	.01	.01	.01
46. 1000	.01	.01	.01	.01	.01
46. 3500	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

46. 6000	.01	.01	.01	.01	.01
46. 8500	.01	.01	.01	.01	.01
47. 1000	.01	.01	.01	.01	.01
47. 3500	.01	.01	.01	.01	.01
47. 6000	.01	.01	.01	.01	.01
47. 8500	.01	.01	.01	.01	.01
48. 1000	.01	.01	.01	.01	.01
48. 3500	.01	.01	.01	.01	.01
48. 6000	.01	.01	.01	.01	.01
48. 8500	.01	.01	.01	.01	.01
49. 1000	.01	.01	.01	.01	.01
49. 3500	.01	.01	.01	.01	.01
49. 6000	.01	.01	.01	.01	.01
49. 8500	.01	.01	.01	.01	.01
50. 1000	.01	.01	.01	.01	.01
50. 3500	.01	.01	.01	.01	.01
50. 6000	.01	.01	.01	.01	.01
50. 8500	.01	.01	.01	.01	.01
51. 1000	.01	.01	.01	.01	.01
51. 3500	.01	.01	.01	.01	.01
51. 6000	.01	.01	.01	.01	.01
51. 8500	.01	.01	.01	.01	.01
52. 1000	.01	.01	.01	.01	.01
52. 3500	.01	.01	.01	.01	.01
52. 6000	.01	.01	.01	.01	.01
52. 8500	.01	.01	.01	.01	.01
53. 1000	.01	.01	.01	.01	.01
53. 3500	.01	.01	.01	.01	.01
53. 6000	.01	.01	.01	.01	.01
53. 8500	.01	.01	.01	.01	.01
54. 1000	.01	.01	.01	.01	.01
54. 3500	.01	.01	.01	.01	.01
54. 6000	.01	.01	.01	.01	.01
54. 8500	.01	.01	.01	.01	.01
55. 1000	.01	.01	.01	.01	.01
55. 3500	.01	.01	.01	.01	.01
55. 6000	.01	.01	.01	.01	.01
55. 8500	.01	.01	.01	.01	.01
56. 1000	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9.127

Name... REACH 60 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

56. 3500	.01	.01	.01	.01	.01
56. 6000	.01	.01	.01	.01	.01
56. 8500	.01	.01	.01	.01	.01
57. 1000	.01	.01	.01	.01	.01
57. 3500	.01	.01	.01	.01	.01
57. 6000	.01	.01	.01	.01	.01
57. 8500	.01	.01	.01	.01	.01
58. 1000	.01	.01	.01	.01	.01
58. 3500	.01	.01	.01	.01	.01
58. 6000	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

58. 8500	.01	.01	.01	.01	.01	.01
59. 1000	.01	.01	.01	.01	.01	.01
59. 3500	.01	.01	.01	.01	.01	.01
59. 6000	.01	.01	.01	.01	.01	.01
59. 8500	.01	.01	.01	.01	.01	.01
60. 1000	.01	.01	.01	.01	.01	.01
60. 3500	.01	.01	.01	.01	.01	.01
60. 6000	.01	.01	.01	.01	.01	.01
60. 8500	.01	.01	.01	.01	.01	.01
61. 1000	.01	.01	.01	.01	.01	.01
61. 3500	.01	.01	.01	.01	.01	.01
61. 6000	.01	.01	.01	.01	.01	.01
61. 8500	.01	.01	.01	.01	.01	.01
62. 1000	.01	.01	.01	.01	.01	.01
62. 3500	.01	.01	.01	.01	.01	.01
62. 6000	.01	.01	.01	.01	.01	.01
62. 8500	.01	.01	.01	.01	.01	.01
63. 1000	.01	.01	.01	.01	.01	.01
63. 3500	.01	.01	.01	.01	.01	.01
63. 6000	.01	.01	.01	.01	.01	.01
63. 8500	.01	.01	.01	.01	.01	.01
64. 1000	.01	.00	.00	.00	.00	.00
64. 3500	.00	.00	.00	.00	.00	.00
64. 6000	.00	.00	.00	.00	.00	.00
64. 8500	.00	.00	.00	.00	.00	.00
65. 1000	.00	.00	.00	.00	.00	.00
65. 3500	.00	.00	.00	.00	.00	.00
65. 6000	.00	.00	.00	.00	.00	.00
65. 8500	.00	.00	.00	.00	.00	.00
66. 1000	.00	.00	.00	.00	.00	.00
66. 3500	.00	.00	.00	.00	.00	.00
66. 6000	.00	.00	.00	.00	.00	.00
66. 8500	.00	.00	.00	.00	.00	.00
67. 1000	.00	.00	.00	.00	.00	.00
67. 3500	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Reach Routing (HYG output)

Page 9.128

Name... REACH 60 Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
67. 6000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.01

Name... J1

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: J1

asbuilt basin 1 2 and 4.txt

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ADDLINK 90	SUBAREA1		SUBAREA1	15

INFLOWS TO: J1

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	SUBAREA1	15	6942343	12.6000	857.97

TOTAL FLOW INTO: J1

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	J1	15	6942343	12.6000	857.97

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

Page 10.02

Name... J1

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

TOTAL NODE INFLOW...

HYG file =

HYG ID = J1

HYG Tag = 15

Peak Discharge = 857.97 cfs

Time to Peak = 12.6000 hrs

HYG Volume = 6942343 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
8.0500	.00	.00	.00	.01	.02
8.3000	.02	.04	.07	.09	.13
8.5500	.20	.26	.33	.46	.58
8.8000	.71	.89	1.08	1.28	1.51
9.0500	1.79	2.06	2.35	2.70	3.04
9.3000	3.39	3.80	4.21	4.62	5.06
9.5500	5.52	5.97	6.45	6.95	7.44
9.8000	7.95	8.49	9.04	9.58	10.18
10.0500	10.79	11.40	12.07	12.77	13.47
10.3000	14.22	15.05	15.87	16.72	17.70
10.5500	18.68	19.66	20.81	21.99	23.17
10.8000	24.48	25.90	27.32	28.83	30.55
11.0500	32.27	34.01	36.16	38.30	40.44
11.3000	43.03	45.76	48.48	51.84	55.80
11.5500	59.76	64.96	73.83	82.70	91.56
11.8000	116.56	141.72	166.88	208.97	257.45
12.0500	305.93	363.47	431.57	499.67	566.51

asbuilt basin 1 2 and 4.txt

12. 3000	628. 25	689. 98	751. 72	785. 05	816. 35
12. 5500	847. 65	857. 97	857. 94	857. 91	848. 58
12. 8000	825. 64	802. 70	777. 70	740. 25	702. 79
13. 0500	665. 34	628. 00	590. 68	553. 35	521. 05
13. 3000	491. 90	462. 76	436. 09	414. 02	391. 95
13. 5500	370. 27	352. 63	334. 99	317. 35	302. 74
13. 8000	288. 80	274. 86	262. 54	251. 49	240. 45
14. 0500	230. 02	221. 10	212. 18	203. 31	196. 19
14. 3000	189. 06	181. 94	175. 88	170. 14	164. 40
14. 5500	159. 21	154. 57	149. 93	145. 51	141. 77
14. 8000	138. 03	134. 29	131. 28	128. 29	125. 30
15. 0500	122. 70	120. 28	117. 85	115. 60	113. 56
15. 3000	111. 53	109. 54	107. 73	105. 92	104. 11
15. 5500	102. 41	100. 72	99. 03	97. 43	95. 88

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.03

Name... J1

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
15. 8000	94. 34	92. 90	91. 62	90. 34	89. 08
16. 0500	87. 96	86. 84	85. 72	84. 66	83. 60
16. 3000	82. 54	81. 53	80. 55	79. 57	78. 62
16. 5500	77. 74	76. 85	75. 97	75. 18	74. 40
16. 8000	73. 62	72. 92	72. 24	71. 56	70. 93
17. 0500	70. 33	69. 74	69. 17	68. 65	68. 13
17. 3000	67. 61	67. 13	66. 66	66. 19	65. 74
17. 5500	65. 30	64. 86	64. 44	64. 02	63. 61
17. 8000	63. 20	62. 80	62. 40	62. 00	61. 61
18. 0500	61. 23	60. 84	60. 46	60. 08	59. 70
18. 3000	59. 33	58. 96	58. 58	58. 21	57. 84
18. 5500	57. 47	57. 10	56. 73	56. 37	56. 00
18. 8000	55. 63	55. 27	54. 90	54. 53	54. 17
19. 0500	53. 80	53. 44	53. 07	52. 71	52. 34
19. 3000	51. 98	51. 61	51. 24	50. 88	50. 51
19. 5500	50. 15	49. 78	49. 41	49. 05	48. 68
19. 8000	48. 31	47. 94	47. 58	47. 21	46. 84
20. 0500	46. 48	46. 11	45. 75	45. 38	45. 02
20. 3000	44. 67	44. 33	43. 98	43. 65	43. 33
20. 5500	43. 01	42. 72	42. 44	42. 15	41. 89
20. 8000	41. 65	41. 42	41. 19	40. 99	40. 80
21. 0500	40. 60	40. 44	40. 28	40. 12	39. 97
21. 3000	39. 84	39. 71	39. 58	39. 46	39. 34
21. 5500	39. 23	39. 13	39. 02	38. 92	38. 82
21. 8000	38. 73	38. 64	38. 55	38. 46	38. 37
22. 0500	38. 29	38. 21	38. 12	38. 04	37. 96
22. 3000	37. 88	37. 81	37. 73	37. 65	37. 58
22. 5500	37. 50	37. 43	37. 35	37. 28	37. 20
22. 8000	37. 13	37. 06	36. 98	36. 91	36. 84
23. 0500	36. 77	36. 70	36. 62	36. 55	36. 48
23. 3000	36. 41	36. 33	36. 26	36. 19	36. 12
23. 5500	36. 05	35. 98	35. 91	35. 84	35. 76
23. 8000	35. 69	35. 62	35. 55	35. 48	35. 38
24. 0500	35. 16	34. 94	34. 72	34. 21	33. 68
24. 3000	33. 14	32. 26	31. 20	30. 13	28. 90

asbuilt basin 1 2 and 4.txt

24. 5500	27. 42	25. 93	24. 43	22. 83	21. 23
24. 8000	19. 63	18. 12	16. 63	15. 13	13. 78
25. 0500	12. 52	11. 26	10. 12	9. 21	8. 30
25. 3000	7. 40	6. 76	6. 13	5. 49	5. 00
25. 5500	4. 54	4. 08	3. 69	3. 36	3. 02
25. 8000	2. 71	2. 47	2. 23	1. 99	1. 82
26. 0500	1. 64	1. 47	1. 33	1. 20	1. 08
26. 3000	. 97	. 88	. 79	. 71	. 64
26. 5500	. 58	. 51	. 46	. 42	. 37
26. 8000	. 33	. 30	. 26	. 23	. 21

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

Page 10.04

Name... J1

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
27. 0500	. 18	. 16	. 14	. 13	. 11
27. 3000	. 09	. 08	. 07	. 06	. 05
27. 5500	. 04	. 03	. 02	. 02	. 01
27. 8000	. 01	. 00	. 00	. 00	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

Page 10.05

Name... J1

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: J1

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ADDLINK 90	SUBAREA1		SUBAREA1	25

INFLOWS TO: J1

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	SUBAREA1	25	8025762	12. 6000	997. 04

TOTAL FLOW INTO: J1

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	J1	25	8025762	12. 6000	997. 04

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

Page 10.06

Name... J1

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TOTAL NODE INFLOW...

HYG file =

HYG ID = J1

HYG Tag = 25

Peak Discharge = 997.04 cfs

Time to Peak = 12.6000 hrs

HYG Volume = 8025762 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
7. 5500	.00	.00	.00	.01	.01
7. 8000	.02	.03	.06	.09	.11
8. 0500	.17	.23	.29	.39	.50
8. 3000	.61	.76	.93	1.10	1.29
8. 5500	1.52	1.76	2.00	2.30	2.61
8. 8000	2.91	3.27	3.65	4.02	4.43
9. 0500	4.88	5.32	5.78	6.29	6.80
9. 3000	7.31	7.87	8.43	8.99	9.58
9. 5500	10.18	10.78	11.39	12.02	12.64
9. 8000	13.28	13.95	14.62	15.30	16.03
10. 0500	16.78	17.53	18.34	19.20	20.06
10. 3000	20.97	21.98	22.99	24.02	25.22
10. 5500	26.42	27.62	29.02	30.46	31.90
10. 8000	33.50	35.23	36.96	38.80	40.89
11. 0500	42.98	45.09	47.68	50.27	52.86
11. 3000	55.99	59.27	62.55	66.59	71.34
11. 5500	76.09	82.32	92.89	103.46	114.03
11. 8000	143.38	172.92	202.46	251.54	307.99
12. 0500	364.45	431.19	509.92	588.66	665.81
12. 3000	736.55	807.30	878.04	915.63	950.86
12. 5500	986.08	997.04	996.02	995.01	983.30
12. 8000	955.92	928.54	898.82	854.94	811.05
13. 0500	767.17	723.68	680.25	636.83	599.29
13. 3000	565.47	531.64	500.70	475.12	449.53
13. 5500	424.39	403.97	383.55	363.12	346.24
13. 8000	330.13	314.01	299.77	287.02	274.27
14. 0500	262.25	251.97	241.69	231.47	223.27
14. 3000	215.07	206.88	199.91	193.31	186.72
14. 5500	180.76	175.44	170.11	165.03	160.75
14. 8000	156.46	152.17	148.72	145.30	141.87
15. 0500	138.90	136.12	133.34	130.77	128.44

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.07

Name... J1

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW



Storm... Type I 24hr Tag: 25 asbuilt basin 1 2 and 4.txt

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
15. 3000	126.12	123.84	121.77	119.70	117.62
15. 5500	115.68	113.75	111.82	110.00	108.24
15. 8000	106.47	104.83	103.38	101.93	100.50
16. 0500	99.23	97.96	96.69	95.48	94.28
16. 3000	93.09	91.94	90.83	89.72	88.64
16. 5500	87.64	86.63	85.63	84.75	83.86
16. 8000	82.98	82.18	81.41	80.64	79.92
17. 0500	79.25	78.58	77.93	77.34	76.75
17. 3000	76.16	75.62	75.09	74.55	74.05
17. 5500	73.55	73.05	72.57	72.10	71.63
17. 8000	71.16	70.71	70.26	69.81	69.37
18. 0500	68.93	68.49	68.06	67.63	67.21
18. 3000	66.78	66.36	65.93	65.51	65.10
18. 5500	64.68	64.26	63.84	63.43	63.01
18. 8000	62.60	62.18	61.77	61.35	60.94
19. 0500	60.53	60.11	59.70	59.29	58.88
19. 3000	58.46	58.05	57.64	57.22	56.81
19. 5500	56.40	55.98	55.57	55.16	54.74
19. 8000	54.33	53.91	53.50	53.08	52.67
20. 0500	52.25	51.84	51.43	51.02	50.62
20. 3000	50.22	49.83	49.43	49.07	48.71
20. 5500	48.35	48.02	47.70	47.38	47.08
20. 8000	46.82	46.55	46.29	46.07	45.85
21. 0500	45.63	45.44	45.26	45.08	44.92
21. 3000	44.77	44.61	44.47	44.34	44.21
21. 5500	44.08	43.96	43.84	43.72	43.62
21. 8000	43.51	43.40	43.30	43.21	43.11
22. 0500	43.01	42.92	42.82	42.73	42.64
22. 3000	42.55	42.46	42.37	42.29	42.20
22. 5500	42.11	42.03	41.95	41.86	41.78
22. 8000	41.70	41.61	41.53	41.45	41.37
23. 0500	41.28	41.20	41.12	41.04	40.96
23. 3000	40.88	40.79	40.71	40.63	40.55
23. 5500	40.47	40.39	40.31	40.23	40.15
23. 8000	40.07	39.99	39.91	39.83	39.71
24. 0500	39.47	39.22	38.98	38.40	37.80
24. 3000	37.20	36.21	35.01	33.82	32.44
24. 5500	30.77	29.10	27.42	25.62	23.83
24. 8000	22.03	20.34	18.66	16.98	15.46
25. 0500	14.05	12.64	11.36	10.33	9.31
25. 3000	8.31	7.59	6.88	6.16	5.61
25. 5500	5.10	4.58	4.14	3.77	3.39
25. 8000	3.04	2.77	2.50	2.23	2.04
26. 0500	1.84	1.65	1.49	1.35	1.21
26. 3000	1.09	.99	.89	.79	.72

S/N: PondPack Ver: Compute Time: Date:

Type... Node: Addition Summary Page 10.08  
 Name... J1 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Page 297

asbuilt basin 1 2 and 4.txt

hrs	Time on left represents time for first value in each row.				
26. 5500	.65	.57	.52	.47	.42
26. 8000	.37	.33	.30	.26	.23
27. 0500	.21	.18	.16	.14	.12
27. 3000	.11	.09	.08	.06	.05
27. 5500	.04	.03	.03	.02	.01
27. 8000	.01	.00	.00	.00	

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.09

Name... J1

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: J1

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ADDLINK 90	SUBAREA1		SUBAREA1	100

INFLOWS TO: J1

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	SUBAREA1	100	10941700	12.6000	1368.25

TOTAL FLOW INTO: J1

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	J1	100	10941710	12.6000	1368.25

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.10

Name... J1

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

TOTAL NODE INFLOW...

HYG file =  
HYG ID = J1  
HYG Tag = 100

Peak Discharge = 1368.25 cfs  
Time to Peak = 12.6000 hrs  
HYG Volume = 10941710 cu. ft

asbuilt basin 1 2 and 4.txt  
 HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs

Time hrs	Time on left represents time for first value in each row.				
6. 5500	.00	.00	.01	.01	.02
6. 8000	.04	.05	.09	.13	.17
7. 0500	.24	.33	.41	.53	.68
7. 3000	.82	.98	1.19	1.41	1.62
7. 5500	1.89	2.16	2.43	2.73	3.06
7. 8000	3.38	3.72	4.08	4.44	4.81
8. 0500	5.20	5.60	5.99	6.41	6.84
8. 3000	7.27	7.73	8.20	8.67	9.16
8. 5500	9.70	10.23	10.76	11.37	11.98
8. 8000	12.59	13.26	13.95	14.64	15.38
9. 0500	16.16	16.94	17.74	18.61	19.47
9. 3000	20.33	21.24	22.16	23.07	24.00
9. 5500	24.94	25.88	26.83	27.78	28.74
9. 8000	29.70	30.70	31.70	32.69	33.78
10. 0500	34.88	35.98	37.19	38.46	39.73
10. 3000	41.09	42.60	44.10	45.64	47.43
10. 5500	49.23	51.03	53.12	55.28	57.43
10. 8000	59.83	62.40	64.98	67.72	70.82
11. 0500	73.92	77.05	80.87	84.69	88.51
11. 3000	93.10	97.90	102.70	108.60	115.52
11. 5500	122.44	131.46	146.66	161.85	177.05
11. 8000	218.10	259.42	300.74	368.49	446.24
12. 0500	523.99	615.21	722.14	829.07	933.53
12. 3000	1027.95	1122.36	1216.78	1265.34	1310.64
12. 5500	1355.94	1368.25	1364.29	1360.33	1341.97
12. 8000	1302.52	1263.07	1220.55	1159.40	1098.25
13. 0500	1037.10	977.20	917.48	857.75	806.27
13. 3000	759.98	713.69	671.36	636.42	601.48
13. 5500	567.15	539.32	511.50	483.67	460.73
13. 8000	438.85	416.97	397.65	380.38	363.11
14. 0500	346.84	332.96	319.08	305.28	294.25

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... J1

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

Time hrs	Time on left represents time for first value in each row.				
14. 3000	283.22	272.18	262.82	253.97	245.11
14. 5500	237.12	229.99	222.86	216.05	210.32
14. 8000	204.59	198.85	194.25	189.68	185.11
15. 0500	181.15	177.44	173.74	170.31	167.21
15. 3000	164.12	161.09	158.33	155.58	152.82
15. 5500	150.24	147.67	145.11	142.70	140.37
15. 8000	138.04	135.88	133.97	132.07	130.19
16. 0500	128.53	126.87	125.20	123.63	122.06
16. 3000	120.50	119.00	117.55	116.10	114.69
16. 5500	113.38	112.07	110.76	109.61	108.45
16. 8000	107.29	106.25	105.25	104.24	103.30
17. 0500	102.43	101.55	100.70	99.93	99.16
17. 3000	98.38	97.68	96.98	96.28	95.62
17. 5500	94.97	94.32	93.69	93.07	92.46

asbuilt basin 1 2 and 4.txt

17. 8000	91. 85	91. 26	90. 67	90. 08	89. 51
18. 0500	88. 94	88. 37	87. 80	87. 24	86. 68
18. 3000	86. 13	85. 58	85. 03	84. 48	83. 93
18. 5500	83. 39	82. 84	82. 30	81. 76	81. 22
18. 8000	80. 68	80. 14	79. 60	79. 06	78. 52
19. 0500	77. 99	77. 45	76. 91	76. 38	75. 84
19. 3000	75. 30	74. 77	74. 23	73. 70	73. 16
19. 5500	72. 62	72. 09	71. 55	71. 01	70. 47
19. 8000	69. 94	69. 40	68. 86	68. 33	67. 79
20. 0500	67. 25	66. 72	66. 19	65. 66	65. 13
20. 3000	64. 62	64. 11	63. 60	63. 13	62. 66
20. 5500	62. 19	61. 76	61. 35	60. 94	60. 56
20. 8000	60. 21	59. 86	59. 53	59. 24	58. 95
21. 0500	58. 67	58. 43	58. 19	57. 96	57. 75
21. 3000	57. 55	57. 35	57. 16	56. 99	56. 82
21. 5500	56. 65	56. 50	56. 34	56. 19	56. 05
21. 8000	55. 91	55. 77	55. 64	55. 51	55. 38
22. 0500	55. 26	55. 13	55. 01	54. 89	54. 77
22. 3000	54. 66	54. 54	54. 42	54. 31	54. 20
22. 5500	54. 09	53. 97	53. 86	53. 75	53. 65
22. 8000	53. 54	53. 43	53. 32	53. 21	53. 11
23. 0500	53. 00	52. 89	52. 78	52. 68	52. 57
23. 3000	52. 46	52. 36	52. 25	52. 15	52. 04
23. 5500	51. 93	51. 83	51. 72	51. 62	51. 51
23. 8000	51. 41	51. 30	51. 20	51. 09	50. 95
24. 0500	50. 63	50. 31	50. 00	49. 26	48. 49
24. 3000	47. 72	46. 44	44. 91	43. 38	41. 60
24. 5500	39. 47	37. 33	35. 17	32. 86	30. 56
24. 8000	28. 25	26. 08	23. 93	21. 78	19. 83
25. 0500	18. 02	16. 21	14. 57	13. 25	11. 94
25. 3000	10. 65	9. 74	8. 82	7. 90	7. 19

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.12

Name... J1

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type II 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
25. 5500	6. 54	5. 88	5. 31	4. 83	4. 35
25. 8000	3. 90	3. 55	3. 21	2. 86	2. 61
26. 0500	2. 36	2. 11	1. 91	1. 73	1. 55
26. 3000	1. 40	1. 27	1. 14	1. 02	. 92
26. 5500	. 83	. 74	. 67	. 60	. 53
26. 8000	. 48	. 43	. 38	. 34	. 30
27. 0500	. 27	. 23	. 21	. 18	. 16
27. 3000	. 14	. 12	. 10	. 08	. 07
27. 5500	. 06	. 04	. 03	. 02	. 02
27. 8000	. 01	. 01	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.13

Name... J2

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15 asbuilt basin 1 2 and 4.txt

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: J2

HYG Directory: \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ROUTE 1	POND1	IN	ROUTE 1	15

INFLOWS TO: J2

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
ROUTE 1		15	1883215	12.6000	134.18

TOTAL FLOW INTO: J2

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
J2		15	1883215	12.6000	134.18

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Node: Addition Summary

Page 10.14

Name... J2

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

TOTAL NODE INFLOW...

HYG file =

HYG ID = J2

HYG Tag = 15

Peak Discharge = 134.18 cfs

Time to Peak = 12.6000 hrs

HYG Volume = 1883215 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
3.9000	.00	.00	.00	.00	.01
4.1500	.01	.01	.02	.02	.03
4.4000	.03	.04	.05	.06	.07
4.6500	.08	.09	.10	.11	.12
4.9000	.13	.15	.16	.18	.19
5.1500	.21	.23	.25	.27	.29
5.4000	.31	.33	.35	.37	.40
5.6500	.42	.45	.48	.50	.53
5.9000	.56	.59	.62	.65	.69
6.1500	.72	.75	.79	.82	.86
6.4000	.90	.93	.97	1.01	1.05
6.6500	1.09	1.13	1.17	1.22	1.26

asbuilt basin 1 2 and 4.txt

6. 9000	1. 30	1. 35	1. 39	1. 45	1. 53
7. 1500	1. 62	1. 70	1. 78	1. 87	1. 95
7. 4000	2. 04	2. 12	2. 20	2. 29	2. 37
7. 6500	2. 46	2. 54	2. 62	2. 71	2. 79
7. 9000	2. 88	2. 96	3. 05	3. 13	3. 22
8. 1500	3. 31	3. 39	3. 48	3. 57	3. 66
8. 4000	3. 75	3. 85	3. 95	4. 05	4. 18
8. 6500	4. 32	4. 46	4. 60	4. 75	4. 90
8. 9000	5. 05	5. 21	5. 37	5. 53	5. 70
9. 1500	5. 87	6. 04	6. 21	6. 39	6. 56
9. 4000	6. 74	6. 92	7. 09	7. 26	7. 44
9. 6500	7. 64	7. 83	8. 03	8. 22	8. 42
9. 9000	8. 62	8. 83	9. 04	9. 26	9. 48
10. 1500	9. 71	9. 95	10. 20	10. 46	10. 74
10. 4000	11. 02	11. 32	11. 65	12. 01	12. 39
10. 6500	12. 77	13. 18	13. 60	14. 04	14. 50
10. 9000	14. 98	15. 48	16. 02	16. 63	17. 26
11. 1500	17. 93	18. 63	19. 37	20. 16	21. 01
11. 4000	21. 98	23. 03	24. 15	25. 38	26. 81

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.15

Name... J2

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
11. 6500	28. 64	31. 03	34. 45	39. 46	46. 88
11. 9000	57. 63	72. 79	85. 96	93. 48	101. 15
12. 1500	108. 40	114. 83	120. 21	124. 53	127. 86
12. 4000	130. 32	132. 06	133. 21	133. 89	134. 18
12. 6500	134. 18	133. 92	133. 47	132. 84	132. 06
12. 9000	131. 17	130. 18	129. 11	127. 97	126. 77
13. 1500	125. 52	124. 22	122. 89	121. 51	120. 11
13. 4000	118. 68	117. 21	115. 73	114. 23	112. 71
13. 6500	111. 16	109. 60	108. 03	106. 45	104. 84
13. 9000	103. 22	101. 58	99. 94	98. 27	96. 59
14. 1500	94. 91	93. 21	91. 49	89. 77	88. 04
14. 4000	86. 29	84. 55	82. 81	78. 42	73. 85
14. 6500	69. 66	65. 83	62. 36	59. 16	56. 28
14. 9000	53. 61	51. 15	48. 92	46. 84	44. 90
15. 1500	43. 16	41. 53	39. 99	38. 55	37. 25
15. 4000	36. 03	34. 88	33. 79	32. 76	31. 81
15. 6500	30. 93	30. 10	29. 30	28. 55	27. 82
15. 9000	27. 13	26. 47	25. 87	25. 29	24. 74
16. 1500	24. 21	23. 70	23. 21	22. 74	22. 29
16. 4000	21. 85	21. 43	21. 04	20. 67	20. 33
16. 6500	20. 01	19. 70	19. 40	19. 11	18. 83
16. 9000	18. 56	18. 31	18. 06	17. 83	17. 60
17. 1500	17. 38	17. 17	16. 96	16. 76	16. 57
17. 4000	16. 39	16. 21	16. 04	15. 87	15. 72
17. 6500	15. 58	15. 43	15. 30	15. 16	15. 03
17. 9000	14. 90	14. 77	14. 64	14. 52	14. 40
18. 1500	14. 28	14. 16	14. 05	13. 94	13. 82
18. 4000	13. 71	13. 61	13. 50	13. 39	13. 29
18. 6500	13. 19	13. 09	12. 98	12. 88	12. 79
18. 9000	12. 69	12. 59	12. 50	12. 40	12. 31

asbuilt basin 1 2 and 4.txt

19. 1500	12. 21	12. 12	12. 03	11. 93	11. 84
19. 4000	11. 75	11. 66	11. 57	11. 48	11. 39
19. 6500	11. 31	11. 24	11. 16	11. 08	11. 00
19. 9000	10. 92	10. 84	10. 76	10. 68	10. 60
20. 1500	10. 52	10. 44	10. 36	10. 29	10. 21
20. 4000	10. 14	10. 06	9. 99	9. 92	9. 85
20. 6500	9. 79	9. 72	9. 66	9. 60	9. 54
20. 9000	9. 49	9. 43	9. 38	9. 33	9. 28
21. 1500	9. 23	9. 19	9. 14	9. 10	9. 05
21. 4000	9. 01	8. 97	8. 93	8. 90	8. 86
21. 6500	8. 82	8. 79	8. 75	8. 72	8. 69
21. 9000	8. 66	8. 62	8. 59	8. 56	8. 54
22. 1500	8. 51	8. 48	8. 45	8. 42	8. 40
22. 4000	8. 37	8. 35	8. 32	8. 30	8. 27
22. 6500	8. 25	8. 23	8. 20	8. 18	8. 16

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.16

Name... J2

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
22. 9000	8. 14	8. 11	8. 09	8. 07	8. 05
23. 1500	8. 03	8. 01	7. 99	7. 97	7. 95
23. 4000	7. 93	7. 91	7. 89	7. 87	7. 85
23. 6500	7. 83	7. 81	7. 79	7. 77	7. 76
23. 9000	7. 74	7. 72	7. 70	7. 68	7. 65
24. 1500	7. 60	7. 53	7. 43	7. 31	7. 17
24. 4000	7. 00	6. 82	6. 62	6. 41	6. 20
24. 6500	5. 99	5. 78	5. 58	5. 37	5. 17
24. 9000	4. 98	4. 79	4. 61	4. 43	4. 26
25. 1500	4. 10	3. 96	3. 84	3. 72	3. 61
25. 4000	3. 50	3. 39	3. 28	3. 18	3. 09
25. 6500	2. 99	2. 90	2. 81	2. 72	2. 64
25. 9000	2. 56	2. 48	2. 40	2. 33	2. 26
26. 1500	2. 19	2. 12	2. 06	1. 99	1. 93
26. 4000	1. 87	1. 82	1. 76	1. 71	1. 65
26. 6500	1. 60	1. 55	1. 51	1. 46	1. 42
26. 9000	1. 39	1. 37	1. 35	1. 32	1. 30
27. 1500	1. 28	1. 26	1. 24	1. 21	1. 19
27. 4000	1. 17	1. 15	1. 13	1. 11	1. 10
27. 6500	1. 08	1. 06	1. 04	1. 02	1. 00
27. 9000	. 99	. 97	. 95	. 94	. 92
28. 1500	. 91	. 89	. 88	. 86	. 85
28. 4000	. 83	. 82	. 80	. 79	. 78
28. 6500	. 76	. 75	. 74	. 72	. 71
28. 9000	. 70	. 69	. 68	. 66	. 65
29. 1500	. 64	. 63	. 62	. 61	. 60
29. 4000	. 59	. 58	. 57	. 56	. 55
29. 6500	. 54	. 53	. 52	. 51	. 50
29. 9000	. 50	. 49	. 48	. 47	. 46
30. 1500	. 46	. 45	. 44	. 43	. 42
30. 4000	. 42	. 41	. 40	. 40	. 39
30. 6500	. 38	. 38	. 37	. 36	. 36
30. 9000	. 35	. 35	. 34	. 33	. 33
31. 1500	. 32	. 32	. 31	. 31	. 30

asbuilt basin 1 2 and 4.txt

31. 4000	.30	.29	.29	.28	.28
31. 6500	.27	.27	.26	.26	.25
31. 9000	.25	.24	.24	.24	.23
32. 1500	.23	.22	.22	.22	.21
32. 4000	.21	.21	.20	.20	.20
32. 6500	.19	.19	.19	.18	.18
32. 9000	.18	.17	.17	.17	.16
33. 1500	.16	.16	.16	.15	.15
33. 4000	.15	.15	.14	.14	.14
33. 6500	.14	.13	.13	.13	.13
33. 9000	.13	.12	.12	.12	.12

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.17

Name... J2

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
34. 1500	.11	.11	.11	.11	.11
34. 4000	.11	.10	.10	.10	.10
34. 6500	.10	.10	.09	.09	.09
34. 9000	.09	.09	.09	.08	.08
35. 1500	.08	.08	.08	.08	.08
35. 4000	.07	.07	.07	.07	.07
35. 6500	.07	.07	.07	.07	.06
35. 9000	.06	.06	.06	.06	.06
36. 1500	.06	.06	.06	.05	.05
36. 4000	.05	.05	.05	.05	.05
36. 6500	.05	.05	.05	.05	.05
36. 9000	.04	.04	.04	.04	.04
37. 1500	.04	.04	.04	.04	.04
37. 4000	.04	.04	.04	.04	.04
37. 6500	.03	.03	.03	.03	.03
37. 9000	.03	.03	.03	.03	.03
38. 1500	.03	.03	.03	.03	.03
38. 4000	.03	.03	.03	.03	.02
38. 6500	.02	.02	.02	.02	.02
38. 9000	.02	.02	.02	.02	.02
39. 1500	.02	.02	.02	.02	.02
39. 4000	.02	.02	.02	.02	.02
39. 6500	.02	.02	.02	.02	.02
39. 9000	.02	.02	.02	.02	.01
40. 1500	.01	.01	.01	.01	.01
40. 4000	.01	.01	.01	.01	.01
40. 6500	.01	.01	.01	.01	.01
40. 9000	.01	.01	.01	.01	.01
41. 1500	.01	.01	.01	.01	.01
41. 4000	.01	.01	.01	.01	.01
41. 6500	.01	.01	.01	.01	.01
41. 9000	.01	.01	.01	.01	.01
42. 1500	.01	.01	.01	.01	.01
42. 4000	.01	.01	.01	.01	.01
42. 6500	.01	.01	.01	.01	.01
42. 9000	.01	.01	.01	.01	.01
43. 1500	.01	.01	.01	.00	.00
43. 4000	.00	.00	.00	.00	.00



asbuilt basin 1 2 and 4.txt						
43. 6500	.00	.00	.00	.00	.00	.00
43. 9000	.00	.00	.00	.00	.00	.00
44. 1500	.00	.00	.00	.00	.00	.00
44. 4000	.00	.00	.00	.00	.00	.00
44. 6500	.00	.00	.00	.00	.00	.00

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Node: Addition Summary Page 10.18  
 Name... J2 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

SUMMARY FOR HYDROGRAPH ADDITION  
 at Node: J2

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ROUTE 1	POND1	IN	ROUTE 1	25

INFLOWS TO: J2

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
ROUTE 1		25	2110362	12.6500	142.14

TOTAL FLOW INTO: J2

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
J2		25	2110362	12.6500	142.14

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Node: Addition Summary Page 10.19  
 Name... J2 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TOTAL NODE INFLOW...

HYG file =  
 HYG ID = J2  
 HYG Tag = 25

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Peak Discharge = 142.14 cfs  
 Time to Peak = 12.6500 hrs  
 HYG Volume = 2110362 cu. ft

Time hrs | HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

asbuilt basin 1 2 and 4.txt

3. 6000	.00	.00	.00	.00	.01
3. 8500	.01	.01	.02	.02	.03
4. 1000	.04	.04	.05	.06	.07
4. 3500	.08	.09	.10	.12	.13
4. 6000	.14	.16	.18	.19	.21
4. 8500	.23	.25	.27	.29	.31
5. 1000	.34	.36	.38	.41	.44
5. 3500	.46	.49	.52	.55	.58
5. 6000	.62	.65	.68	.72	.75
5. 8500	.79	.83	.87	.91	.95
6. 1000	.99	1.03	1.07	1.11	1.16
6. 3500	1.20	1.25	1.29	1.34	1.39
6. 6000	1.45	1.54	1.63	1.71	1.80
6. 8500	1.89	1.98	2.07	2.16	2.25
7. 1000	2.34	2.43	2.52	2.61	2.70
7. 3500	2.79	2.88	2.98	3.07	3.16
7. 6000	3.25	3.34	3.43	3.53	3.62
7. 8500	3.71	3.81	3.90	3.99	4.10
8. 1000	4.22	4.34	4.46	4.58	4.70
8. 3500	4.82	4.95	5.08	5.21	5.34
8. 6000	5.48	5.62	5.77	5.92	6.08
8. 8500	6.24	6.40	6.57	6.75	6.92
9. 1000	7.11	7.29	7.50	7.72	7.94
9. 3500	8.17	8.39	8.61	8.83	9.04
9. 6000	9.25	9.46	9.67	9.87	10.08
9. 8500	10.29	10.50	10.72	10.95	11.18
10. 1000	11.43	11.71	12.00	12.30	12.62
10. 3500	12.95	13.29	13.65	14.02	14.41
10. 6000	14.81	15.23	15.67	16.16	16.68
10. 8500	17.23	17.81	18.41	19.04	19.70
11. 1000	20.39	21.14	21.96	22.83	23.76

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.20

Name... J2

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
11. 3500	24.76	25.83	27.01	28.33	29.76
11. 6000	31.40	33.49	36.27	40.22	46.05
11. 8500	54.66	67.07	83.16	90.46	98.47
12. 1000	106.60	114.29	121.10	126.82	131.42
12. 3500	134.98	137.64	139.55	140.84	141.64
12. 6000	142.04	142.14	141.98	141.61	141.05
12. 8500	140.35	139.54	138.62	137.61	136.54
13. 1000	135.40	134.21	132.97	131.69	130.38
13. 3500	129.03	127.65	126.24	124.81	123.36
13. 6000	121.88	120.39	118.88	117.35	115.81
13. 8500	114.26	112.69	111.10	109.50	107.89
14. 1000	106.28	104.64	102.99	101.32	99.65
14. 3500	97.97	96.27	94.57	92.87	91.15
14. 6000	89.43	87.72	85.99	84.26	82.54
14. 8500	77.74	73.29	69.21	65.48	62.11
15. 1000	58.99	56.18	53.57	51.18	49.00
15. 3500	46.96	45.06	43.35	41.75	40.24

asbuilt basin 1 2 and 4.txt

15. 6000	38.82	37.53	36.33	35.19	34.11
15. 8500	33.09	32.13	31.26	30.43	29.64
16. 1000	28.88	28.15	27.46	26.80	26.18
16. 3500	25.62	25.07	24.56	24.06	23.59
16. 6000	23.14	22.71	22.30	21.91	21.54
16. 8500	21.18	20.85	20.54	20.25	19.97
17. 1000	19.71	19.45	19.20	18.96	18.73
17. 3500	18.50	18.29	18.08	17.88	17.68
17. 6000	17.49	17.31	17.13	16.96	16.79
17. 8500	16.62	16.46	16.31	16.16	16.01
18. 1000	15.87	15.74	15.61	15.48	15.36
18. 3500	15.24	15.12	15.00	14.88	14.76
18. 6000	14.65	14.54	14.43	14.31	14.21
18. 8500	14.10	13.99	13.88	13.78	13.67
19. 1000	13.57	13.47	13.36	13.26	13.16
19. 3500	13.06	12.96	12.86	12.76	12.66
19. 6000	12.57	12.47	12.37	12.27	12.18
19. 8500	12.08	11.99	11.89	11.80	11.70
20. 1000	11.61	11.51	11.42	11.34	11.25
20. 3500	11.17	11.10	11.02	10.94	10.87
20. 6000	10.80	10.73	10.66	10.60	10.53
20. 8500	10.47	10.41	10.35	10.30	10.24
21. 1000	10.19	10.14	10.09	10.04	10.00
21. 3500	9.95	9.91	9.86	9.82	9.78
21. 6000	9.74	9.70	9.67	9.63	9.59
21. 8500	9.56	9.53	9.49	9.46	9.43
22. 1000	9.40	9.37	9.33	9.31	9.28
22. 3500	9.25	9.22	9.19	9.17	9.14

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PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... J2

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
22. 6000	9.11	9.09	9.06	9.04	9.01
22. 8500	8.99	8.96	8.94	8.92	8.89
23. 1000	8.87	8.85	8.82	8.80	8.78
23. 3500	8.76	8.74	8.71	8.69	8.67
23. 6000	8.65	8.63	8.61	8.59	8.57
23. 8500	8.55	8.53	8.51	8.49	8.46
24. 1000	8.43	8.38	8.30	8.19	8.04
24. 3500	7.86	7.65	7.41	7.20	6.97
24. 6000	6.75	6.52	6.29	6.06	5.84
24. 8500	5.63	5.42	5.21	5.01	4.82
25. 1000	4.63	4.46	4.28	4.12	3.97
25. 3500	3.85	3.73	3.62	3.51	3.40
25. 6000	3.29	3.19	3.09	3.00	2.91
25. 8500	2.82	2.73	2.65	2.57	2.49
26. 1000	2.41	2.34	2.27	2.20	2.13
26. 3500	2.06	2.00	1.94	1.88	1.82
26. 6000	1.76	1.71	1.66	1.61	1.56
26. 8500	1.51	1.46	1.42	1.40	1.37
27. 1000	1.35	1.33	1.30	1.28	1.26
27. 3500	1.24	1.22	1.20	1.18	1.16
27. 6000	1.14	1.12	1.10	1.08	1.06

asbuilt basin 1 2 and 4.txt

27. 8500	1.04	1.02	1.01	.99	.97
28. 1000	.96	.94	.92	.91	.89
28. 3500	.88	.86	.85	.83	.82
28. 6000	.80	.79	.78	.76	.75
28. 8500	.74	.73	.71	.70	.69
29. 1000	.68	.67	.65	.64	.63
29. 3500	.62	.61	.60	.59	.58
29. 6000	.57	.56	.55	.54	.53
29. 8500	.52	.51	.51	.50	.49
30. 1000	.48	.47	.46	.46	.45
30. 3500	.44	.43	.43	.42	.41
30. 6000	.40	.40	.39	.38	.38
30. 8500	.37	.36	.36	.35	.35
31. 1000	.34	.33	.33	.32	.32
31. 3500	.31	.31	.30	.30	.29
31. 6000	.29	.28	.28	.27	.27
31. 8500	.26	.26	.25	.25	.25
32. 1000	.24	.24	.23	.23	.23
32. 3500	.22	.22	.21	.21	.21
32. 6000	.20	.20	.20	.19	.19
32. 8500	.19	.18	.18	.18	.17
33. 1000	.17	.17	.17	.16	.16
33. 3500	.16	.15	.15	.15	.15
33. 6000	.14	.14	.14	.14	.13

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.22

Name... J2

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
33. 8500	.13	.13	.13	.13	.12
34. 1000	.12	.12	.12	.12	.11
34. 3500	.11	.11	.11	.11	.10
34. 6000	.10	.10	.10	.10	.10
34. 8500	.09	.09	.09	.09	.09
35. 1000	.09	.08	.08	.08	.08
35. 3500	.08	.08	.08	.07	.07
35. 6000	.07	.07	.07	.07	.07
35. 8500	.07	.07	.06	.06	.06
36. 1000	.06	.06	.06	.06	.06
36. 3500	.06	.05	.05	.05	.05
36. 6000	.05	.05	.05	.05	.05
36. 8500	.05	.05	.05	.04	.04
37. 1000	.04	.04	.04	.04	.04
37. 3500	.04	.04	.04	.04	.04
37. 6000	.04	.04	.04	.03	.03
37. 8500	.03	.03	.03	.03	.03
38. 1000	.03	.03	.03	.03	.03
38. 3500	.03	.03	.03	.03	.03
38. 6000	.03	.03	.02	.02	.02
38. 8500	.02	.02	.02	.02	.02
39. 1000	.02	.02	.02	.02	.02
39. 3500	.02	.02	.02	.02	.02
39. 6000	.02	.02	.02	.02	.02
39. 8500	.02	.02	.02	.02	.02

asbuilt basin 1 2 and 4.txt

40. 1000	.02	.02	.01	.01	.01
40. 3500	.01	.01	.01	.01	.01
40. 6000	.01	.01	.01	.01	.01
40. 8500	.01	.01	.01	.01	.01
41. 1000	.01	.01	.01	.01	.01
41. 3500	.01	.01	.01	.01	.01
41. 6000	.01	.01	.01	.01	.01
41. 8500	.01	.01	.01	.01	.01
42. 1000	.01	.01	.01	.01	.01
42. 3500	.01	.01	.01	.01	.01
42. 6000	.01	.01	.01	.01	.01
42. 8500	.01	.01	.01	.01	.01
43. 1000	.01	.01	.01	.01	.01
43. 3500	.01	.00	.00	.00	.00
43. 6000	.00	.00	.00	.00	.00
43. 8500	.00	.00	.00	.00	.00
44. 1000	.00	.00	.00	.00	.00
44. 3500	.00	.00	.00	.00	.00
44. 6000	.00	.00	.00	.00	.00
44. 8500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

Page 10.23

Name... J2

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: J2

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ROUTE 1	POND1	IN	ROUTE 1	100

INFLOWS TO: J2

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
ROUTE 1		100	2705805	12.7000	160.71

TOTAL FLOW INTO: J2

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
J2		100	2705805	12.7000	160.71

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.24

Name... J2

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

asbuilt basin 1 2 and 4.txt

TOTAL NODE INFLOW...

HYG file =  
 HYG ID = J2  
 HYG Tag = 100

-----  
 Peak Discharge = 160.71 cfs  
 Time to Peak = 12.7000 hrs  
 HYG Volume = 2705805 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
3.0000	.00	.00	.00	.00	.01
3.2500	.01	.01	.02	.03	.03
3.5000	.04	.05	.06	.07	.08
3.7500	.10	.11	.13	.14	.16
4.0000	.18	.20	.22	.24	.26
4.2500	.29	.31	.34	.37	.39
4.5000	.42	.45	.49	.52	.55
4.7500	.59	.63	.66	.70	.74
5.0000	.78	.82	.87	.91	.96
5.2500	1.00	1.05	1.10	1.15	1.20
5.5000	1.25	1.30	1.36	1.41	1.50
5.7500	1.60	1.71	1.81	1.91	2.01
6.0000	2.12	2.22	2.32	2.43	2.53
6.2500	2.64	2.74	2.85	2.95	3.06
6.5000	3.17	3.28	3.38	3.49	3.60
6.7500	3.71	3.82	3.93	4.04	4.18
7.0000	4.32	4.46	4.60	4.74	4.88
7.2500	5.02	5.15	5.29	5.43	5.56
7.5000	5.70	5.83	5.97	6.10	6.23
7.7500	6.37	6.50	6.63	6.77	6.90
8.0000	7.03	7.16	7.29	7.43	7.59
8.2500	7.74	7.90	8.06	8.23	8.40
8.5000	8.57	8.75	8.94	9.13	9.33
8.7500	9.54	9.75	9.97	10.20	10.43
9.0000	10.67	10.92	11.17	11.43	11.73
9.2500	12.02	12.32	12.61	12.90	13.19
9.5000	13.47	13.75	14.02	14.29	14.55
9.7500	14.82	15.08	15.35	15.62	15.90
10.0000	16.22	16.56	16.90	17.26	17.63
10.2500	18.02	18.42	18.85	19.29	19.76
10.5000	20.25	20.76	21.32	21.91	22.54

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Type... Node: Addition Summary

Page 10.25

Name... J2

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
10.7500	23.19	23.87	24.58	25.33	26.11
11.0000	26.98	27.89	28.86	29.87	30.93

asbuilt basin 1 2 and 4.txt

11. 2500	32.06	33.32	34.68	36.14	37.72
11. 5000	39.45	41.40	43.63	46.44	50.23
11. 7500	55.66	63.66	75.40	85.71	92.86
12. 0000	101.27	110.38	119.58	128.27	135.95
12. 2500	142.40	147.60	151.67	154.75	157.01
12. 5000	158.61	159.68	160.34	160.66	160.71
12. 7500	160.53	160.16	159.64	158.99	158.23
13. 0000	157.39	156.47	155.48	154.44	153.35
13. 2500	152.21	151.03	149.82	148.57	147.30
13. 5000	146.00	144.68	143.33	141.96	140.57
13. 7500	139.16	137.74	136.30	134.84	133.37
14. 0000	131.88	130.38	128.86	127.33	125.79
14. 2500	124.24	122.67	121.10	119.51	117.92
14. 5000	116.32	114.72	113.10	111.49	109.87
14. 7500	108.24	106.62	104.98	103.34	101.70
15. 0000	100.05	98.39	96.73	95.07	93.40
15. 2500	91.72	90.05	88.37	86.68	85.01
15. 5000	83.31	80.02	75.49	71.34	67.51
15. 7500	64.05	60.87	57.96	55.30	52.83
16. 0000	50.57	48.49	46.54	44.72	43.08
16. 2500	41.53	40.08	38.72	37.48	36.33
16. 5000	35.24	34.22	33.26	32.36	31.54
16. 7500	30.78	30.05	29.37	28.72	28.11
17. 0000	27.53	26.98	26.46	25.99	25.54
17. 2500	25.12	24.72	24.33	23.96	23.61
17. 5000	23.27	22.94	22.63	22.33	22.04
17. 7500	21.76	21.49	21.24	20.99	20.76
18. 0000	20.54	20.33	20.12	19.92	19.73
18. 2500	19.54	19.35	19.17	19.00	18.82
18. 5000	18.65	18.49	18.32	18.16	18.00
18. 7500	17.85	17.70	17.55	17.40	17.25
19. 0000	17.11	16.97	16.83	16.69	16.55
19. 2500	16.41	16.28	16.15	16.01	15.89
19. 5000	15.77	15.65	15.53	15.42	15.30
19. 7500	15.18	15.07	14.95	14.83	14.72
20. 0000	14.60	14.49	14.37	14.26	14.14
20. 2500	14.03	13.92	13.81	13.71	13.60
20. 5000	13.50	13.40	13.31	13.22	13.13
20. 7500	13.04	12.96	12.88	12.80	12.73
21. 0000	12.66	12.59	12.52	12.46	12.40
21. 2500	12.34	12.28	12.22	12.17	12.11
21. 5000	12.06	12.01	11.96	11.92	11.87
21. 7500	11.83	11.78	11.74	11.70	11.66

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Type... Node: Addition Summary

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Name... J2

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

22. 0000	11.62	11.58	11.54	11.51	11.47
22. 2500	11.44	11.40	11.37	11.34	11.31
22. 5000	11.28	11.25	11.22	11.20	11.17
22. 7500	11.14	11.11	11.09	11.06	11.03
23. 0000	11.01	10.98	10.95	10.93	10.90
23. 2500	10.88	10.85	10.83	10.80	10.78

asbuilt basin 1 2 and 4.txt

23. 5000	10. 75	10. 73	10. 70	10. 68	10. 65
23. 7500	10. 63	10. 60	10. 58	10. 56	10. 53
24. 0000	10. 51	10. 48	10. 44	10. 38	10. 28
24. 2500	10. 14	9. 96	9. 73	9. 47	9. 18
24. 5000	8. 87	8. 55	8. 23	7. 90	7. 58
24. 7500	7. 28	7. 02	6. 76	6. 50	6. 26
25. 0000	6. 02	5. 79	5. 57	5. 35	5. 14
25. 2500	4. 94	4. 75	4. 57	4. 39	4. 22
25. 5000	4. 05	3. 92	3. 80	3. 68	3. 57
25. 7500	3. 46	3. 35	3. 25	3. 15	3. 05
26. 0000	2. 96	2. 87	2. 78	2. 70	2. 61
26. 2500	2. 53	2. 45	2. 38	2. 31	2. 24
26. 5000	2. 17	2. 10	2. 04	1. 97	1. 91
26. 7500	1. 85	1. 80	1. 74	1. 69	1. 64
27. 0000	1. 59	1. 54	1. 49	1. 44	1. 41
27. 2500	1. 39	1. 36	1. 34	1. 32	1. 29
27. 5000	1. 27	1. 25	1. 23	1. 21	1. 19
27. 7500	1. 17	1. 15	1. 13	1. 11	1. 09
28. 0000	1. 07	1. 05	1. 03	1. 02	1. 00
28. 2500	. 98	. 97	. 95	. 93	. 92
28. 5000	. 90	. 89	. 87	. 86	. 84
28. 7500	. 83	. 81	. 80	. 79	. 77
29. 0000	. 76	. 75	. 73	. 72	. 71
29. 2500	. 70	. 68	. 67	. 66	. 65
29. 5000	. 64	. 63	. 62	. 61	. 60
29. 7500	. 59	. 58	. 57	. 56	. 55
30. 0000	. 54	. 53	. 52	. 51	. 50
30. 2500	. 49	. 48	. 48	. 47	. 46
30. 5000	. 45	. 44	. 44	. 43	. 42
30. 7500	. 42	. 41	. 40	. 39	. 39
31. 0000	. 38	. 37	. 37	. 36	. 36
31. 2500	. 35	. 34	. 34	. 33	. 33
31. 5000	. 32	. 32	. 31	. 30	. 30
31. 7500	. 29	. 29	. 28	. 28	. 27
32. 0000	. 27	. 27	. 26	. 26	. 25
32. 2500	. 25	. 24	. 24	. 24	. 23
32. 5000	. 23	. 22	. 22	. 22	. 21
32. 7500	. 21	. 21	. 20	. 20	. 19
33. 0000	. 19	. 19	. 18	. 18	. 18

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Date:

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Type... Node: Addition Summary

Page 10. 27

Name... J2

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

33. 2500	. 18	. 17	. 17	. 17	. 16
33. 5000	. 16	. 16	. 16	. 15	. 15
33. 7500	. 15	. 15	. 14	. 14	. 14
34. 0000	. 14	. 13	. 13	. 13	. 13
34. 2500	. 12	. 12	. 12	. 12	. 12
34. 5000	. 11	. 11	. 11	. 11	. 11
34. 7500	. 10	. 10	. 10	. 10	. 10
35. 0000	. 10	. 09	. 09	. 09	. 09
35. 2500	. 09	. 09	. 09	. 08	. 08
35. 5000	. 08	. 08	. 08	. 08	. 08



asbuilt basin 1 2 and 4.txt

35. 7500	.07	.07	.07	.07	.07
36. 0000	.07	.07	.07	.06	.06
36. 2500	.06	.06	.06	.06	.06
36. 5000	.06	.06	.06	.05	.05
36. 7500	.05	.05	.05	.05	.05
37. 0000	.05	.05	.05	.05	.05
37. 2500	.04	.04	.04	.04	.04
37. 5000	.04	.04	.04	.04	.04
37. 7500	.04	.04	.04	.04	.03
38. 0000	.03	.03	.03	.03	.03
38. 2500	.03	.03	.03	.03	.03
38. 5000	.03	.03	.03	.03	.03
38. 7500	.03	.03	.03	.03	.02
39. 0000	.02	.02	.02	.02	.02
39. 2500	.02	.02	.02	.02	.02
39. 5000	.02	.02	.02	.02	.02
39. 7500	.02	.02	.02	.02	.02
40. 0000	.02	.02	.02	.02	.02
40. 2500	.02	.02	.02	.01	.01
40. 5000	.01	.01	.01	.01	.01
40. 7500	.01	.01	.01	.01	.01
41. 0000	.01	.01	.01	.01	.01
41. 2500	.01	.01	.01	.01	.01
41. 5000	.01	.01	.01	.01	.01
41. 7500	.01	.01	.01	.01	.01
42. 0000	.01	.01	.01	.01	.01
42. 2500	.01	.01	.01	.01	.01
42. 5000	.01	.01	.01	.01	.01
42. 7500	.01	.01	.01	.01	.01
43. 0000	.01	.01	.01	.01	.01
43. 2500	.01	.01	.01	.01	.01
43. 5000	.01	.01	.00	.00	.00
43. 7500	.00	.00	.00	.00	.00
44. 0000	.00	.00	.00	.00	.00
44. 2500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

Page 10.28

Name... J2

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
44. 5000	.00	.00	.00	.00	.00
44. 7500	.00	.00	.00	.00	.00
45. 0000	.00	.00	.00		

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.29

Name... J3

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

SUMMARY FOR HYDROGRAPH ADDITION

asbuilt basin 1 2 and 4.txt  
 at Node: J3

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
REACH 50	J1		REACH 50	15
REACH 10	J2		REACH 10	15

INFLOWS TO: J3

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	REACH 50	15	6942323	12.7000	857.91
	REACH 10	15	1883217	12.6500	134.18

TOTAL FLOW INTO: J3

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	J3	15	8825547	12.7000	991.97

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Node: Addition Summary

Page 10.30

Name... J3

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

TOTAL NODE INFLOW...

HYG file =  
 HYG ID = J3  
 HYG Tag = 15

Peak Discharge = 991.97 cfs  
 Time to Peak = 12.7000 hrs  
 HYG Volume = 8825547 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
3.9500	.00	.00	.00	.00	.01
4.2000	.01	.01	.02	.02	.03
4.4500	.03	.04	.05	.05	.06
4.7000	.07	.08	.09	.11	.12
4.9500	.13	.14	.16	.17	.19
5.2000	.21	.22	.24	.26	.28
5.4500	.30	.32	.35	.38	.41
5.7000	.43	.46	.49	.51	.54
5.9500	.57	.60	.63	.66	.70
6.2000	.73	.76	.80	.83	.87
6.4500	.91	.95	.98	1.02	1.06
6.7000	1.10	1.14	1.19	1.23	1.27
6.9500	1.32	1.36	1.41	1.48	1.58

asbuilt basin 1 2 and 4.txt

7. 2000	1. 66	1. 74	1. 83	1. 91	2. 00
7. 4500	2. 08	2. 16	2. 25	2. 33	2. 42
7. 7000	2. 50	2. 58	2. 67	2. 75	2. 84
7. 9500	2. 92	3. 01	3. 09	3. 18	3. 26
8. 2000	3. 35	3. 44	3. 53	3. 63	3. 72
8. 4500	3. 81	3. 91	4. 03	4. 20	4. 39
8. 7000	4. 59	4. 80	5. 04	5. 29	5. 56
8. 9500	5. 85	6. 17	6. 51	6. 87	7. 26
9. 2000	7. 67	8. 11	8. 57	9. 05	9. 56
9. 4500	10. 08	10. 62	11. 15	11. 73	12. 65
9. 7000	13. 49	14. 26	15. 01	15. 74	16. 48
9. 9500	17. 23	17. 99	18. 78	19. 59	20. 42
10. 2000	21. 30	22. 21	23. 16	24. 15	25. 25
10. 4500	26. 50	27. 76	29. 06	30. 40	31. 80
10. 7000	33. 29	34. 83	36. 45	38. 18	40. 00
10. 9500	41. 90	43. 93	46. 34	48. 74	51. 27
11. 2000	53. 97	56. 78	59. 80	63. 10	66. 63
11. 4500	70. 65	75. 27	80. 24	85. 86	93. 48

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Date:

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Type... Node: Addition Summary

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Name... J3

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
11. 7000	103. 70	115. 43	133. 96	162. 72	197. 00
11. 9500	242. 22	299. 83	359. 08	420. 38	490. 66
12. 2000	566. 43	641. 51	712. 44	779. 40	844. 91
12. 4500	896. 02	931. 40	963. 77	985. 63	991. 85
12. 7000	991. 97	987. 14	971. 14	947. 90	923. 17
12. 9500	891. 46	853. 82	815. 32	777. 26	738. 82
13. 2000	700. 71	664. 53	632. 43	601. 89	572. 63
13. 4500	546. 70	522. 84	499. 76	478. 41	458. 91
13. 7000	439. 99	422. 18	405. 99	390. 50	375. 81
13. 9500	362. 23	349. 38	337. 04	325. 64	314. 87
14. 2000	304. 24	294. 33	285. 40	276. 62	268. 18
14. 4500	260. 34	252. 78	244. 16	234. 68	225. 69
14. 7000	217. 13	209. 27	202. 07	195. 25	189. 00
14. 9500	183. 31	177. 93	172. 95	168. 43	164. 14
15. 2000	160. 08	156. 28	152. 71	149. 31	146. 11
15. 4500	143. 07	140. 13	137. 29	134. 58	131. 97
15. 7000	129. 45	127. 04	124. 70	122. 49	120. 42
15. 9500	118. 44	116. 52	114. 72	113. 00	111. 33
16. 2000	109. 70	108. 13	106. 58	105. 08	103. 62
16. 4500	102. 20	100. 82	99. 51	98. 25	97. 03
16. 7000	95. 86	94. 74	93. 66	92. 62	91. 64
16. 9500	90. 68	89. 76	88. 89	88. 06	87. 24
17. 2000	86. 46	85. 73	85. 03	84. 34	83. 67
17. 4500	83. 01	82. 37	81. 75	81. 15	80. 57
17. 7000	80. 00	79. 44	78. 88	78. 34	77. 81
17. 9500	77. 28	76. 75	76. 24	75. 73	75. 23
18. 2000	74. 73	74. 23	73. 74	73. 25	72. 77
18. 4500	72. 28	71. 80	71. 33	70. 85	70. 38
18. 7000	69. 91	69. 44	68. 97	68. 51	68. 04
18. 9500	67. 58	67. 12	66. 65	66. 19	65. 73
19. 2000	65. 28	64. 82	64. 36	63. 90	63. 45

asbuilt basin 1 2 and 4.txt

19. 4500	62. 99	62. 54	62. 08	61. 62	61. 17
19. 7000	60. 73	60. 28	59. 84	59. 39	58. 94
19. 9500	58. 50	58. 05	57. 60	57. 16	56. 74
20. 2000	56. 31	55. 88	55. 44	55. 01	54. 59
20. 4500	54. 17	53. 77	53. 37	52. 99	52. 62
20. 7000	52. 27	51. 93	51. 60	51. 30	51. 00
20. 9500	50. 72	50. 46	50. 21	49. 97	49. 75
21. 2000	49. 53	49. 33	49. 14	48. 95	48. 78
21. 4500	48. 61	48. 45	48. 29	48. 14	48. 00
21. 7000	47. 86	47. 72	47. 59	47. 46	47. 33
21. 9500	47. 21	47. 09	46. 98	46. 86	46. 75
22. 2000	46. 64	46. 53	46. 42	46. 32	46. 21
22. 4500	46. 11	46. 01	45. 91	45. 81	45. 71
22. 7000	45. 61	45. 51	45. 41	45. 32	45. 22

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.32

Name... J3

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
22. 9500	45. 13	45. 03	44. 94	44. 85	44. 75
23. 2000	44. 66	44. 57	44. 47	44. 38	44. 29
23. 4500	44. 20	44. 11	44. 02	43. 93	43. 84
23. 7000	43. 75	43. 66	43. 57	43. 48	43. 39
23. 9500	43. 30	43. 20	43. 06	42. 85	42. 61
24. 2000	42. 26	41. 75	41. 15	40. 41	39. 43
24. 4500	38. 27	37. 01	35. 58	34. 06	32. 55
24. 7000	30. 92	29. 20	27. 43	25. 68	23. 95
24. 9500	22. 25	20. 60	19. 03	17. 71	16. 46
25. 2000	15. 25	14. 12	13. 04	12. 05	11. 15
25. 4500	10. 33	9. 56	8. 87	8. 24	7. 65
25. 7000	7. 21	6. 87	6. 53	6. 18	5. 83
25. 9500	5. 50	5. 18	4. 88	4. 59	4. 31
26. 2000	4. 06	3. 82	3. 60	3. 39	3. 19
26. 4500	3. 01	2. 84	2. 69	2. 54	2. 41
26. 7000	2. 28	2. 16	2. 05	1. 96	1. 87
26. 9500	1. 80	1. 73	1. 67	1. 61	1. 56
27. 2000	1. 50	1. 46	1. 41	1. 37	1. 33
27. 4500	1. 29	1. 25	1. 22	1. 19	1. 16
27. 7000	1. 13	1. 10	1. 07	1. 05	1. 02
27. 9500	1. 00	. 98	. 96	. 94	. 93
28. 2000	. 91	. 89	. 88	. 86	. 85
28. 4500	. 83	. 82	. 81	. 79	. 78
28. 7000	. 77	. 75	. 74	. 73	. 71
28. 9500	. 70	. 69	. 68	. 67	. 66
29. 2000	. 64	. 63	. 62	. 61	. 60
29. 4500	. 59	. 58	. 57	. 56	. 55
29. 7000	. 54	. 53	. 52	. 51	. 51
29. 9500	. 50	. 49	. 48	. 47	. 46
30. 2000	. 46	. 45	. 44	. 43	. 43
30. 4500	. 42	. 41	. 40	. 40	. 39
30. 7000	. 38	. 37	. 37	. 36	. 36
30. 9500	. 35	. 34	. 34	. 33	. 33
31. 2000	. 32	. 32	. 31	. 31	. 30
31. 4500	. 30	. 29	. 29	. 28	. 28

asbuilt basin 1 2 and 4.txt

31. 7000	.27	.27	.26	.26	.25
31. 9500	.25	.25	.24	.24	.23
32. 2000	.23	.23	.22	.22	.21
32. 4500	.21	.21	.20	.20	.20
32. 7000	.19	.19	.19	.18	.18
32. 9500	.18	.17	.17	.17	.17
33. 2000	.16	.16	.16	.15	.15
33. 4500	.15	.15	.14	.14	.14
33. 7000	.14	.13	.13	.13	.13
33. 9500	.13	.12	.12	.12	.12

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.33

Name... J3

Event: 15 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
34. 2000	.12	.11	.11	.11	.11
34. 4500	.11	.10	.10	.10	.10
34. 7000	.10	.10	.09	.09	.09
34. 9500	.09	.09	.09	.08	.08
35. 2000	.08	.08	.08	.08	.08
35. 4500	.08	.07	.07	.07	.07
35. 7000	.07	.07	.07	.07	.06
35. 9500	.06	.06	.06	.06	.06
36. 2000	.06	.06	.06	.06	.05
36. 4500	.05	.05	.05	.05	.05
36. 7000	.05	.05	.05	.05	.05
36. 9500	.04	.04	.04	.04	.04
37. 2000	.04	.04	.04	.04	.04
37. 4500	.04	.04	.04	.04	.04
37. 7000	.03	.03	.03	.03	.03
37. 9500	.03	.03	.03	.03	.03
38. 2000	.03	.03	.03	.03	.03
38. 4500	.03	.03	.03	.03	.02
38. 7000	.02	.02	.02	.02	.02
38. 9500	.02	.02	.02	.02	.02
39. 2000	.02	.02	.02	.02	.02
39. 4500	.02	.02	.02	.02	.02
39. 7000	.02	.02	.02	.02	.02
39. 9500	.02	.02	.02	.02	.01
40. 2000	.01	.01	.01	.01	.01
40. 4500	.01	.01	.01	.01	.01
40. 7000	.01	.01	.01	.01	.01
40. 9500	.01	.01	.01	.01	.01
41. 2000	.01	.01	.01	.01	.01
41. 4500	.01	.01	.01	.01	.01
41. 7000	.01	.01	.01	.01	.01
41. 9500	.01	.01	.01	.01	.01
42. 2000	.01	.01	.01	.01	.01
42. 4500	.01	.01	.01	.01	.01
42. 7000	.01	.01	.01	.01	.01
42. 9500	.01	.01	.01	.01	.01
43. 2000	.01	.01	.01	.00	.00
43. 4500	.00	.00	.00	.00	.00
43. 7000	.00	.00	.00	.00	.00

	asbuilt basin 1 2 and 4.txt					
43. 9500		.00	.00	.00	.00	.00
44. 2000		.00	.00	.00	.00	.00
44. 4500		.00	.00	.00	.00	.00
44. 7000		.00	.00	.00	.00	.00

S/N:  
PondPack Ver:                              Compute Time:                              Date:

Type.... Node: Addition Summary    Page 10.34  
Name.... J3    Event: 25 yr  
File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND  
4. PPW

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: J3

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
REACH 50	J1		REACH 50	25
REACH 10	J2		REACH 10	25

INFLOWS TO: J3

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	REACH 50	25	8025735	12.6500	996.38
	REACH 10	25	2110363	12.6500	142.09

TOTAL FLOW INTO: J3

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	J3	25	10136110	12.6500	1138.47

S/N:  
PondPack Ver:                              Compute Time:                              Date:

Type.... Node: Addition Summary    Page 10.35  
Name.... J3    Event: 25 yr  
File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND  
4. PPW

TOTAL NODE INFLOW...

HYG file =  
HYG ID = J3  
HYG Tag = 25

-----  
Peak Discharge = 1138.47 cfs  
Time to Peak = 12.6500 hrs  
HYG Volume = 10136110 cu. ft

asbuilt basin 1 2 and 4.txt

hrs	Time on left represents time for first value in each row.				
3. 6500	.00	.00	.00	.00	.01
3. 9000	.01	.01	.02	.02	.03
4. 1500	.03	.04	.05	.06	.07
4. 4000	.08	.09	.10	.11	.13
4. 6500	.14	.16	.17	.19	.21
4. 9000	.22	.24	.26	.28	.31
5. 1500	.33	.36	.39	.42	.45
5. 4000	.47	.50	.53	.56	.60
5. 6500	.63	.66	.70	.73	.77
5. 9000	.80	.84	.88	.92	.96
6. 1500	1.00	1.04	1.08	1.13	1.17
6. 4000	1.22	1.26	1.31	1.36	1.41
6. 6500	1.48	1.58	1.67	1.76	1.85
6. 9000	1.94	2.03	2.12	2.21	2.30
7. 1500	2.39	2.48	2.57	2.66	2.75
7. 4000	2.84	2.93	3.02	3.11	3.21
7. 6500	3.30	3.39	3.48	3.58	3.68
7. 9000	3.77	3.87	3.96	4.07	4.23
8. 1500	4.39	4.57	4.75	4.95	5.16
8. 4000	5.39	5.63	5.90	6.18	6.49
8. 6500	6.81	7.16	7.54	7.94	8.36
8. 9000	8.81	9.29	9.80	10.32	10.87
9. 1500	11.42	12.22	13.13	13.97	14.78
9. 4000	15.57	16.36	17.15	17.95	18.75
9. 6500	19.55	20.36	21.18	22.01	22.85
9. 9000	23.72	24.59	25.63	26.66	27.68
10. 1500	28.73	29.82	30.95	32.12	33.35
10. 4000	34.65	35.99	37.41	38.91	40.47
10. 6500	42.12	43.90	45.92	47.96	50.11
10. 9000	52.34	54.67	57.15	59.79	62.53
11. 1500	65.47	68.75	72.31	76.02	80.03

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... J3

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time hrs	Time on left represents time for first value in each row.				
11. 4000	84.26	88.87	94.17	100.19	107.09
11. 6500	116.33	128.27	142.32	164.48	198.48
11. 9000	238.63	290.87	353.57	418.28	488.81
12. 1500	569.61	656.76	742.83	823.73	899.92
12. 4000	974.91	1032.86	1071.86	1108.46	1132.73
12. 6500	1138.47	1137.60	1131.12	1111.49	1083.78
12. 9000	1054.81	1017.49	973.21	928.65	884.12
13. 1500	839.89	795.59	754.01	716.95	681.91
13. 4000	648.23	618.50	591.19	564.77	540.28
13. 6500	518.12	496.51	476.12	457.79	440.35
13. 9000	423.49	408.11	393.78	379.86	366.87
14. 1500	354.76	342.92	332.04	321.95	312.03
14. 4000	302.61	293.96	285.78	277.74	270.22
14. 6500	263.06	256.08	249.53	243.40	235.97
14. 9000	227.40	219.56	212.19	205.37	199.15
15. 1500	193.35	187.92	182.90	178.23	173.80

asbuilt basin 1 2 and 4.txt

15. 4000	169.71	165.82	162.09	158.51	155.08
15. 6500	151.79	148.64	145.65	142.77	139.99
15. 9000	137.40	134.99	132.68	130.48	128.41
16. 1500	126.39	124.43	122.53	120.73	118.99
16. 4000	117.30	115.65	114.05	112.50	111.02
16. 6500	109.57	108.18	106.87	105.59	104.37
16. 9000	103.22	102.12	101.06	100.06	99.10
17. 1500	98.17	97.28	96.43	95.60	94.80
17. 4000	94.03	93.27	92.54	91.83	91.14
17. 6500	90.46	89.79	89.14	88.50	87.87
17. 9000	87.26	86.65	86.04	85.45	84.87
18. 1500	84.31	83.77	83.22	82.67	82.12
18. 4000	81.58	81.04	80.50	79.96	79.43
18. 6500	78.90	78.37	77.84	77.32	76.79
18. 9000	76.27	75.75	75.23	74.71	74.19
19. 1500	73.68	73.16	72.65	72.13	71.62
19. 4000	71.10	70.59	70.08	69.57	69.06
19. 6500	68.55	68.03	67.52	67.01	66.50
19. 9000	65.99	65.48	64.97	64.46	63.95
20. 1500	63.45	62.94	62.45	61.96	61.48
20. 4000	61.01	60.54	60.10	59.66	59.23
20. 6500	58.82	58.43	58.05	57.69	57.35
20. 9000	57.02	56.72	56.45	56.18	55.91
21. 1500	55.67	55.43	55.20	54.99	54.78
21. 4000	54.59	54.40	54.22	54.04	53.88
21. 6500	53.72	53.56	53.41	53.26	53.12
21. 9000	52.98	52.84	52.71	52.58	52.45
22. 1500	52.32	52.20	52.08	51.96	51.84
22. 4000	51.72	51.60	51.49	51.38	51.26

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.37

Name... J3

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
22. 6500	51.15	51.04	50.93	50.82	50.72
22. 9000	50.61	50.50	50.40	50.29	50.19
23. 1500	50.08	49.98	49.87	49.77	49.67
23. 4000	49.56	49.46	49.36	49.25	49.15
23. 6500	49.05	48.95	48.85	48.75	48.65
23. 9000	48.55	48.44	48.33	48.17	47.94
24. 1500	47.68	47.28	46.71	46.03	45.17
24. 4000	44.06	42.76	41.34	39.74	37.93
24. 6500	36.08	34.22	32.44	30.53	28.60
24. 9000	26.69	24.79	22.95	21.20	19.53
25. 1500	18.07	16.81	15.58	14.38	13.28
25. 4000	12.30	11.38	10.53	9.77	9.07
25. 6500	8.42	7.83	7.35	7.01	6.66
25. 9000	6.31	5.96	5.62	5.30	4.99
26. 1500	4.69	4.42	4.16	3.91	3.69
26. 4000	3.47	3.27	3.09	2.92	2.76
26. 6500	2.61	2.47	2.34	2.22	2.11
26. 9000	2.00	1.91	1.83	1.76	1.69
27. 1500	1.64	1.58	1.53	1.48	1.43
27. 4000	1.39	1.35	1.31	1.27	1.24



asbuilt basin 1 2 and 4.txt

27. 6500	1. 21	1. 17	1. 14	1. 12	1. 09
27. 9000	1. 06	1. 04	1. 02	1. 00	. 98
28. 1500	. 96	. 94	. 93	. 91	. 90
28. 4000	. 88	. 87	. 85	. 84	. 82
28. 6500	. 81	. 79	. 78	. 77	. 75
28. 9000	. 74	. 73	. 72	. 70	. 69
29. 1500	. 68	. 67	. 66	. 65	. 63
29. 4000	. 62	. 61	. 60	. 59	. 58
29. 6500	. 57	. 56	. 55	. 54	. 53
29. 9000	. 52	. 52	. 51	. 50	. 49
30. 1500	. 48	. 47	. 46	. 46	. 45
30. 4000	. 44	. 43	. 43	. 42	. 41
30. 6500	. 41	. 40	. 39	. 38	. 38
30. 9000	. 37	. 36	. 36	. 35	. 34
31. 1500	. 34	. 33	. 33	. 32	. 32
31. 4000	. 31	. 31	. 30	. 30	. 29
31. 6500	. 29	. 28	. 28	. 27	. 27
31. 9000	. 26	. 26	. 26	. 25	. 25
32. 1500	. 24	. 24	. 23	. 23	. 23
32. 4000	. 22	. 22	. 21	. 21	. 21
32. 6500	. 20	. 20	. 20	. 19	. 19
32. 9000	. 19	. 18	. 18	. 18	. 17
33. 1500	. 17	. 17	. 17	. 16	. 16
33. 4000	. 16	. 15	. 15	. 15	. 15
33. 6500	. 14	. 14	. 14	. 14	. 14

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... J3

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
33. 9000	. 13	. 13	. 13	. 13	. 12
34. 1500	. 12	. 12	. 12	. 12	. 11
34. 4000	. 11	. 11	. 11	. 11	. 10
34. 6500	. 10	. 10	. 10	. 10	. 10
34. 9000	. 09	. 09	. 09	. 09	. 09
35. 1500	. 09	. 08	. 08	. 08	. 08
35. 4000	. 08	. 08	. 08	. 08	. 07
35. 6500	. 07	. 07	. 07	. 07	. 07
35. 9000	. 07	. 07	. 06	. 06	. 06
36. 1500	. 06	. 06	. 06	. 06	. 06
36. 4000	. 06	. 06	. 05	. 05	. 05
36. 6500	. 05	. 05	. 05	. 05	. 05
36. 9000	. 05	. 05	. 05	. 04	. 04
37. 1500	. 04	. 04	. 04	. 04	. 04
37. 4000	. 04	. 04	. 04	. 04	. 04
37. 6500	. 04	. 04	. 04	. 03	. 03
37. 9000	. 03	. 03	. 03	. 03	. 03
38. 1500	. 03	. 03	. 03	. 03	. 03
38. 4000	. 03	. 03	. 03	. 03	. 03
38. 6500	. 03	. 03	. 02	. 02	. 02
38. 9000	. 02	. 02	. 02	. 02	. 02
39. 1500	. 02	. 02	. 02	. 02	. 02
39. 4000	. 02	. 02	. 02	. 02	. 02
39. 6500	. 02	. 02	. 02	. 02	. 02

asbuilt basin 1 2 and 4.txt

39. 9000	.02	.02	.02	.02	.02
40. 1500	.02	.02	.01	.01	.01
40. 4000	.01	.01	.01	.01	.01
40. 6500	.01	.01	.01	.01	.01
40. 9000	.01	.01	.01	.01	.01
41. 1500	.01	.01	.01	.01	.01
41. 4000	.01	.01	.01	.01	.01
41. 6500	.01	.01	.01	.01	.01
41. 9000	.01	.01	.01	.01	.01
42. 1500	.01	.01	.01	.01	.01
42. 4000	.01	.01	.01	.01	.01
42. 6500	.01	.01	.01	.01	.01
42. 9000	.01	.01	.01	.01	.01
43. 1500	.01	.01	.01	.01	.01
43. 4000	.01	.00	.00	.00	.00
43. 6500	.00	.00	.00	.00	.00
43. 9000	.00	.00	.00	.00	.00
44. 1500	.00	.00	.00	.00	.00
44. 4000	.00	.00	.00	.00	.00
44. 6500	.00	.00	.00	.00	.00
44. 9000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... J3

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: J3

HYG Directory: \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
REACH 50	J1		REACH 50	100
REACH 10	J2		REACH 10	100

INFLOWS TO: J3

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	REACH 50	100	10941680	12.6500	1366.30
	REACH 10	100	2705802	12.7000	160.68

TOTAL FLOW INTO: J3

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	J3	100	13647480	12.6500	1526.80

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

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Name... J3

Event: 100 yr

asbuilt basin 1 2 and 4.txt

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW  
Storm... Type I 24hr Tag: 100

TOTAL NODE INFLOW...

HYG file =  
HYG ID = J3  
HYG Tag = 100

-----  
Peak Discharge = 1526.80 cfs  
Time to Peak = 12.6500 hrs  
HYG Volume = 13647480 cu. ft  
-----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
3.0500	.00	.00	.00	.00	.01
3.3000	.01	.01	.02	.02	.03
3.5500	.04	.05	.06	.07	.08
3.8000	.09	.11	.12	.14	.16
4.0500	.18	.19	.21	.24	.26
4.3000	.28	.31	.33	.37	.40
4.5500	.43	.47	.50	.53	.57
4.8000	.60	.64	.68	.72	.76
5.0500	.80	.84	.88	.93	.97
5.3000	1.02	1.07	1.12	1.17	1.22
5.5500	1.27	1.32	1.38	1.45	1.55
5.8000	1.66	1.76	1.86	1.96	2.07
6.0500	2.17	2.27	2.38	2.48	2.59
6.3000	2.69	2.80	2.90	3.01	3.12
6.5500	3.22	3.33	3.44	3.55	3.67
6.8000	3.78	3.89	4.00	4.13	4.28
7.0500	4.46	4.65	4.85	5.06	5.28
7.3000	5.52	5.76	6.03	6.31	6.61
7.5500	6.92	7.25	7.60	7.97	8.35
7.8000	8.75	9.17	9.61	10.05	10.50
8.0500	10.96	11.43	12.07	12.82	13.50
8.3000	14.15	14.78	15.41	16.05	16.70
8.5500	17.36	18.06	18.76	19.50	20.27
8.8000	21.06	21.88	22.74	23.63	24.55
9.0500	25.65	26.75	27.83	28.93	30.07
9.3000	31.22	32.38	33.57	34.76	35.96
9.5500	37.16	38.37	39.58	40.79	42.00
9.8000	43.22	44.58	45.89	47.19	48.52
10.0500	49.92	51.34	52.82	54.37	55.99
10.3000	57.66	59.45	61.33	63.27	65.33
10.5500	67.60	70.02	72.52	75.18	77.93

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Date:

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Type... Node: Addition Summary

Page 10.41

Name... J3

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4.PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs

asbuilt basin 1 2 and 4.txt

10. 8000	80. 81	83. 89	87. 12	90. 49	94. 11
11. 0500	98. 12	102. 25	106. 62	111. 33	116. 19
11. 3000	121. 45	127. 24	133. 51	140. 33	148. 06
11. 5500	156. 57	166. 24	179. 92	197. 42	217. 10
11. 8000	249. 24	297. 45	350. 25	412. 35	491. 32
12. 0500	579. 05	674. 10	782. 82	899. 49	1014. 66
12. 3000	1121. 86	1222. 37	1321. 44	1396. 68	1445. 85
12. 5500	1492. 78	1522. 32	1526. 80	1522. 96	1511. 68
12. 8000	1482. 37	1442. 39	1401. 11	1348. 77	1287. 17
13. 0500	1225. 55	1164. 58	1103. 99	1043. 98	987. 40
13. 3000	937. 51	890. 27	844. 92	805. 05	768. 74
13. 5500	733. 04	700. 61	671. 15	642. 37	615. 36
13. 8000	591. 38	568. 21	546. 02	526. 14	507. 41
14. 0500	489. 07	472. 24	456. 93	441. 57	427. 37
14. 3000	414. 50	402. 12	390. 23	379. 31	368. 77
14. 5500	358. 65	349. 50	340. 68	332. 04	323. 99
14. 8000	316. 48	309. 09	302. 19	295. 93	289. 71
15. 0500	283. 71	278. 10	272. 67	267. 39	262. 37
15. 3000	257. 54	252. 78	248. 16	243. 77	239. 35
15. 5500	234. 17	227. 66	220. 74	214. 24	208. 19
15. 8000	202. 52	197. 20	192. 32	187. 80	183. 52
16. 0500	179. 54	175. 83	172. 27	168. 93	165. 80
16. 3000	162. 75	159. 80	157. 01	154. 35	151. 79
16. 5500	149. 36	147. 03	144. 78	142. 67	140. 69
16. 8000	138. 78	136. 96	135. 24	133. 59	132. 01
17. 0500	130. 52	129. 09	127. 72	126. 43	125. 21
17. 3000	124. 02	122. 87	121. 78	120. 71	119. 68
17. 5500	118. 68	117. 71	116. 79	115. 88	114. 98
17. 8000	114. 09	113. 22	112. 38	111. 55	110. 74
18. 0500	109. 95	109. 17	108. 40	107. 63	106. 88
18. 3000	106. 13	105. 40	104. 66	103. 94	103. 22
18. 5500	102. 50	101. 79	101. 09	100. 39	99. 69
18. 8000	98. 99	98. 30	97. 61	96. 93	96. 24
19. 0500	95. 56	94. 88	94. 21	93. 53	92. 86
19. 3000	92. 19	91. 52	90. 85	90. 19	89. 53
19. 5500	88. 87	88. 22	87. 56	86. 91	86. 25
19. 8000	85. 60	84. 95	84. 29	83. 64	83. 01
20. 0500	82. 38	81. 74	81. 09	80. 45	79. 80
20. 3000	79. 17	78. 55	77. 93	77. 32	76. 74
20. 5500	76. 17	75. 61	75. 08	74. 57	74. 08
20. 8000	73. 62	73. 18	72. 75	72. 35	71. 98
21. 0500	71. 61	71. 27	70. 95	70. 65	70. 36
21. 3000	70. 08	69. 82	69. 57	69. 33	69. 10
21. 5500	68. 88	68. 66	68. 46	68. 26	68. 06
21. 8000	67. 87	67. 69	67. 51	67. 34	67. 17

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Type... Node: Addition Summary

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Name... J3

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
22. 0500	67. 00	66. 84	66. 67	66. 52	66. 36
22. 3000	66. 21	66. 06	65. 91	65. 76	65. 62
22. 5500	65. 48	65. 34	65. 20	65. 06	64. 92

asbuilt basin 1 2 and 4.txt

22. 8000	64. 78	64. 65	64. 51	64. 38	64. 24
23. 0500	64. 11	63. 98	63. 84	63. 71	63. 58
23. 3000	63. 45	63. 31	63. 18	63. 05	62. 92
23. 5500	62. 79	62. 66	62. 53	62. 40	62. 27
23. 8000	62. 14	62. 01	61. 88	61. 75	61. 61
24. 0500	61. 40	61. 10	60. 75	60. 23	59. 47
24. 3000	58. 59	57. 48	56. 02	54. 45	52. 65
24. 5500	50. 58	48. 28	45. 88	43. 39	40. 84
24. 8000	38. 28	35. 73	33. 44	31. 20	28. 94
25. 0500	26. 75	24. 64	22. 62	20. 77	19. 10
25. 3000	17. 78	16. 49	15. 27	14. 11	13. 02
25. 5500	12. 06	11. 18	10. 36	9. 62	8. 94
25. 8000	8. 31	7. 73	7. 37	7. 02	6. 65
26. 0500	6. 30	5. 95	5. 61	5. 29	4. 98
26. 3000	4. 69	4. 42	4. 16	3. 92	3. 70
26. 5500	3. 49	3. 30	3. 11	2. 94	2. 79
26. 8000	2. 64	2. 50	2. 37	2. 25	2. 14
27. 0500	2. 03	1. 93	1. 85	1. 77	1. 70
27. 3000	1. 64	1. 59	1. 54	1. 49	1. 44
27. 5500	1. 40	1. 36	1. 32	1. 28	1. 25
27. 8000	1. 22	1. 19	1. 16	1. 13	1. 10
28. 0500	1. 08	1. 06	1. 04	1. 02	1. 00
28. 3000	. 99	. 97	. 95	. 94	. 92
28. 5500	. 90	. 89	. 87	. 86	. 84
28. 8000	. 83	. 82	. 80	. 79	. 77
29. 0500	. 76	. 75	. 73	. 72	. 71
29. 3000	. 70	. 69	. 67	. 66	. 65
29. 5500	. 64	. 63	. 62	. 61	. 60
29. 8000	. 59	. 58	. 57	. 56	. 55
30. 0500	. 54	. 53	. 52	. 51	. 50
30. 3000	. 49	. 49	. 48	. 47	. 46
30. 5500	. 45	. 45	. 44	. 43	. 42
30. 8000	. 41	. 41	. 40	. 39	. 39
31. 0500	. 38	. 37	. 37	. 36	. 35
31. 3000	. 35	. 34	. 34	. 33	. 33
31. 5500	. 32	. 32	. 31	. 31	. 30
31. 8000	. 30	. 29	. 29	. 28	. 28
32. 0500	. 27	. 27	. 26	. 26	. 25
32. 3000	. 25	. 24	. 24	. 24	. 23
32. 5500	. 23	. 22	. 22	. 22	. 21
32. 8000	. 21	. 21	. 20	. 20	. 20
33. 0500	. 19	. 19	. 19	. 18	. 18

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Type... Node: Addition Summary

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Name... J3

Event: 100 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
33. 3000	. 18	. 17	. 17	. 17	. 16
33. 5500	. 16	. 16	. 16	. 15	. 15
33. 8000	. 15	. 15	. 14	. 14	. 14
34. 0500	. 14	. 13	. 13	. 13	. 13
34. 3000	. 13	. 12	. 12	. 12	. 12
34. 5500	. 11	. 11	. 11	. 11	. 11
34. 8000	. 11	. 10	. 10	. 10	. 10

asbuilt basin 1 2 and 4.txt

35. 0500	.10	.09	.09	.09	.09
35. 3000	.09	.09	.09	.08	.08
35. 5500	.08	.08	.08	.08	.08
35. 8000	.07	.07	.07	.07	.07
36. 0500	.07	.07	.07	.07	.06
36. 3000	.06	.06	.06	.06	.06
36. 5500	.06	.06	.06	.05	.05
36. 8000	.05	.05	.05	.05	.05
37. 0500	.05	.05	.05	.05	.05
37. 3000	.04	.04	.04	.04	.04
37. 5500	.04	.04	.04	.04	.04
37. 8000	.04	.04	.04	.04	.04
38. 0500	.03	.03	.03	.03	.03
38. 3000	.03	.03	.03	.03	.03
38. 5500	.03	.03	.03	.03	.03
38. 8000	.03	.03	.03	.03	.02
39. 0500	.02	.02	.02	.02	.02
39. 3000	.02	.02	.02	.02	.02
39. 5500	.02	.02	.02	.02	.02
39. 8000	.02	.02	.02	.02	.02
40. 0500	.02	.02	.02	.02	.02
40. 3000	.02	.02	.02	.02	.01
40. 5500	.01	.01	.01	.01	.01
40. 8000	.01	.01	.01	.01	.01
41. 0500	.01	.01	.01	.01	.01
41. 3000	.01	.01	.01	.01	.01
41. 5500	.01	.01	.01	.01	.01
41. 8000	.01	.01	.01	.01	.01
42. 0500	.01	.01	.01	.01	.01
42. 3000	.01	.01	.01	.01	.01
42. 5500	.01	.01	.01	.01	.01
42. 8000	.01	.01	.01	.01	.01
43. 0500	.01	.01	.01	.01	.01
43. 3000	.01	.01	.01	.01	.01
43. 5500	.01	.01	.01	.00	.00
43. 8000	.00	.00	.00	.00	.00
44. 0500	.00	.00	.00	.00	.00
44. 3000	.00	.00	.00	.00	.00

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Type... Node: Addition Summary

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Name... J3

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
44. 5500	.00	.00	.00	.00	.00
44. 8000	.00	.00	.00	.00	.00
45. 0500	.00	.00	.00		

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.45

Name... J4

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15 asbuilt basin 1 2 and 4.txt

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: J4

HYG Directory: \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ROUTE 2	BASIN2	IN	ROUTE 2	15
REACH 20	J3		REACH 20	15
ADDLINK 40	BYPASS1		BYPASS1	15

INFLOWS TO: J4

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	ROUTE 2	15	273261	12.3500	36.22
	REACH 20	15	8825485	12.8000	978.86
	BYPASS1	15	898134	12.1500	215.37

TOTAL FLOW INTO: J4

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	J4	15	9996874	12.7500	1055.23

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... J4

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

TOTAL NODE INFLOW...

HYG file =  
HYG ID = J4  
HYG Tag = 15

Peak Discharge = 1055.23 cfs  
Time to Peak = 12.7500 hrs  
HYG Volume = 9996874 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
3.7000	.00	.00	.01	.01	.02
3.9500	.03	.05	.07	.09	.11
4.2000	.14	.16	.19	.21	.24
4.4500	.27	.30	.33	.36	.39
4.7000	.42	.45	.48	.51	.55
4.9500	.58	.61	.65	.68	.72
5.2000	.77	.81	.86	.91	.96
5.4500	1.01	1.06	1.11	1.17	1.22

asbuilt basin 1 2 and 4.txt

5. 7000	1. 27	1. 33	1. 38	1. 44	1. 50
5. 9500	1. 56	1. 62	1. 68	1. 74	1. 80
6. 2000	1. 86	1. 93	1. 99	2. 06	2. 12
6. 4500	2. 19	2. 26	2. 32	2. 39	2. 46
6. 7000	2. 54	2. 61	2. 69	2. 76	2. 84
6. 9500	2. 93	3. 01	3. 10	3. 19	3. 28
7. 2000	3. 37	3. 47	3. 58	3. 68	3. 79
7. 4500	3. 90	4. 01	4. 13	4. 24	4. 36
7. 7000	4. 48	4. 60	4. 72	4. 85	4. 97
7. 9500	5. 10	5. 23	5. 36	5. 49	5. 63
8. 2000	5. 77	5. 92	6. 08	6. 25	6. 43
8. 4500	6. 62	6. 81	7. 02	7. 23	7. 45
8. 7000	7. 69	7. 93	8. 19	8. 46	8. 74
8. 9500	9. 03	9. 34	9. 67	10. 00	10. 53
9. 2000	11. 05	11. 57	12. 09	12. 61	13. 14
9. 4500	13. 66	14. 20	14. 74	15. 29	15. 89
9. 7000	16. 56	17. 27	18. 03	18. 82	19. 65
9. 9500	20. 51	21. 39	22. 33	23. 48	24. 62
10. 2000	25. 78	26. 95	28. 14	29. 37	30. 63
10. 4500	31. 96	33. 35	34. 80	36. 31	37. 88
10. 7000	39. 53	41. 31	43. 35	45. 46	47. 64
10. 9500	49. 91	52. 26	54. 75	57. 40	60. 21
11. 2000	63. 22	66. 53	70. 29	74. 27	78. 50

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Type... Node: Addition Summary

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Name... J4

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time hrs | Time on left represents time for first value in each row.

11. 4500	83. 02	87. 99	93. 75	101. 02	111. 01
11. 7000	124. 84	144. 46	171. 02	206. 71	253. 36
11. 9500	311. 66	382. 33	458. 07	530. 27	596. 28
12. 2000	656. 79	712. 61	764. 49	814. 71	865. 28
12. 4500	914. 53	957. 86	993. 96	1023. 17	1042. 88
12. 7000	1053. 01	1055. 23	1049. 77	1036. 20	1016. 50
12. 9500	991. 91	961. 72	926. 84	889. 56	851. 18
13. 2000	811. 70	772. 50	733. 61	693. 13	657. 92
13. 4500	627. 23	599. 35	572. 99	548. 17	525. 35
13. 7000	503. 72	483. 18	464. 34	446. 46	429. 46
13. 9500	413. 57	398. 79	384. 66	371. 21	358. 56
14. 2000	346. 82	335. 50	324. 77	314. 63	305. 00
14. 4500	296. 12	287. 58	279. 15	270. 45	261. 52
14. 7000	252. 76	244. 31	236. 11	228. 25	220. 78
14. 9500	213. 76	207. 42	201. 44	195. 80	190. 50
15. 2000	185. 51	180. 81	176. 39	172. 23	168. 47
15. 4500	164. 85	161. 38	158. 04	154. 83	151. 74
15. 7000	148. 76	145. 90	143. 13	140. 47	137. 93
15. 9500	135. 53	133. 31	131. 16	129. 07	127. 06
16. 2000	125. 13	123. 26	121. 45	119. 71	118. 02
16. 4500	116. 39	114. 81	113. 28	111. 80	110. 37
16. 7000	109. 00	107. 67	106. 40	105. 17	103. 99
16. 9500	102. 93	101. 88	100. 86	99. 88	98. 92
17. 2000	97. 99	97. 09	96. 22	95. 39	94. 59
17. 4500	93. 80	93. 04	92. 30	91. 59	90. 89
17. 7000	90. 21	89. 54	88. 89	88. 26	87. 63



asbuilt basin 1 2 and 4.txt

17. 9500	87.02	86.42	85.82	85.23	84.66
18. 2000	84.08	83.52	82.96	82.40	81.85
18. 4500	81.30	80.76	80.22	79.69	79.15
18. 7000	78.62	78.09	77.57	77.04	76.52
18. 9500	76.00	75.49	75.01	74.52	74.03
19. 2000	73.53	73.03	72.52	72.02	71.51
19. 4500	71.01	70.50	70.00	69.49	68.98
19. 7000	68.48	67.98	67.47	66.97	66.47
19. 9500	65.97	65.47	64.98	64.48	63.99
20. 2000	63.50	63.03	62.55	62.09	61.63
20. 4500	61.18	60.73	60.30	59.87	59.45
20. 7000	59.05	58.65	58.27	57.90	57.55
20. 9500	57.21	56.88	56.57	56.27	55.99
21. 2000	55.72	55.46	55.21	54.98	54.75
21. 4500	54.54	54.33	54.14	53.95	53.77
21. 7000	53.60	53.43	53.27	53.11	52.96
21. 9500	52.81	52.67	52.53	52.39	52.26
22. 2000	52.13	52.00	51.87	51.75	51.63
22. 4500	51.51	51.39	51.29	51.18	51.07

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Type... Node: Addition Summary

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Name... J4

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
22. 7000	50.96	50.85	50.75	50.64	50.53
22. 9500	50.43	50.32	50.21	50.11	50.00
23. 2000	49.90	49.79	49.69	49.59	49.48
23. 4500	49.38	49.28	49.17	49.07	48.97
23. 7000	48.87	48.77	48.67	48.57	48.47
23. 9500	48.37	48.26	48.10	47.83	47.37
24. 2000	46.74	45.94	45.05	44.12	43.17
24. 4500	42.19	41.17	40.10	38.94	37.71
24. 7000	36.42	35.04	33.58	32.06	30.50
24. 9500	28.90	27.43	26.03	24.62	23.23
25. 2000	21.87	20.55	19.27	18.03	16.85
25. 4500	15.72	14.66	13.76	13.02	12.30
25. 7000	11.61	10.97	10.36	9.79	9.26
25. 9500	8.75	8.26	7.81	7.37	6.96
26. 2000	6.56	6.19	5.84	5.51	5.19
26. 4500	4.90	4.62	4.37	4.24	4.11
26. 7000	3.97	3.84	3.71	3.59	3.46
26. 9500	3.34	3.22	3.11	3.00	2.90
27. 2000	2.79	2.70	2.60	2.51	2.43
27. 4500	2.34	2.26	2.19	2.11	2.04
27. 7000	1.98	1.91	1.85	1.79	1.74
27. 9500	1.68	1.63	1.58	1.53	1.49
28. 2000	1.45	1.41	1.37	1.33	1.30
28. 4500	1.26	1.23	1.20	1.17	1.14
28. 7000	1.11	1.09	1.06	1.04	1.01
28. 9500	.99	.97	.95	.93	.91
29. 2000	.89	.87	.85	.83	.82
29. 4500	.80	.79	.77	.75	.74
29. 7000	.73	.71	.70	.68	.67
29. 9500	.66	.65	.63	.62	.61

asbuilt basin 1 2 and 4.txt

30. 2000	.60	.59	.58	.57	.56
30. 4500	.55	.54	.53	.52	.51
30. 7000	.50	.49	.48	.47	.46
30. 9500	.46	.45	.44	.43	.42
31. 2000	.42	.41	.40	.40	.39
31. 4500	.38	.38	.37	.36	.36
31. 7000	.35	.35	.34	.33	.33
31. 9500	.32	.32	.31	.31	.30
32. 2000	.30	.29	.29	.28	.28
32. 4500	.27	.27	.26	.26	.25
32. 7000	.25	.24	.24	.24	.23
32. 9500	.23	.22	.22	.22	.21
33. 2000	.21	.21	.20	.20	.20
33. 4500	.19	.19	.19	.18	.18
33. 7000	.18	.17	.17	.17	.16

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.49

Name... J4

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
33. 9500	.16	.16	.16	.15	.15
34. 2000	.15	.15	.14	.14	.14
34. 4500	.14	.13	.13	.13	.13
34. 7000	.13	.12	.12	.12	.12
34. 9500	.11	.11	.11	.11	.11
35. 2000	.11	.10	.10	.10	.10
35. 4500	.10	.09	.09	.09	.09
35. 7000	.09	.09	.09	.08	.08
35. 9500	.08	.08	.08	.08	.08
36. 2000	.07	.07	.07	.07	.07
36. 4500	.07	.07	.07	.07	.06
36. 7000	.06	.06	.06	.06	.06
36. 9500	.06	.06	.06	.05	.05
37. 2000	.05	.05	.05	.05	.05
37. 4500	.05	.05	.05	.05	.05
37. 7000	.04	.04	.04	.04	.04
37. 9500	.04	.04	.04	.04	.04
38. 2000	.04	.04	.04	.04	.03
38. 4500	.03	.03	.03	.03	.03
38. 7000	.03	.03	.03	.03	.03
38. 9500	.03	.03	.03	.03	.03
39. 2000	.03	.03	.03	.03	.02
39. 4500	.02	.02	.02	.02	.02
39. 7000	.02	.02	.02	.02	.02
39. 9500	.02	.02	.02	.02	.02
40. 2000	.02	.02	.02	.02	.02
40. 4500	.02	.02	.02	.02	.02
40. 7000	.02	.02	.02	.02	.01
40. 9500	.01	.01	.01	.01	.01
41. 2000	.01	.01	.01	.01	.01
41. 4500	.01	.01	.01	.01	.01
41. 7000	.01	.01	.01	.01	.01
41. 9500	.01	.01	.01	.01	.01
42. 2000	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

42. 4500	.01	.01	.01	.01	.01	.01
42. 7000	.01	.01	.01	.01	.01	.01
42. 9500	.01	.01	.01	.01	.01	.01
43. 2000	.01	.01	.01	.01	.01	.01
43. 4500	.01	.01	.01	.01	.01	.01
43. 7000	.01	.01	.01	.01	.01	.01
43. 9500	.01	.01	.01	.01	.01	.01
44. 2000	.01	.01	.01	.01	.01	.01
44. 4500	.01	.01	.01	.01	.01	.01
44. 7000	.01	.01	.01	.01	.01	.01
44. 9500	.01	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.50

Name... J4

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)					
45. 2000	.01	.01	.01	.01	.01	.01
45. 4500	.01	.01	.01	.01	.01	.01
45. 7000	.01	.01	.01	.01	.01	.01
45. 9500	.01	.01	.01	.01	.01	.01
46. 2000	.01	.01	.01	.01	.01	.01
46. 4500	.01	.01	.01	.01	.01	.01
46. 7000	.01	.01	.01	.01	.01	.01
46. 9500	.01	.01	.01	.01	.01	.01
47. 2000	.01	.01	.01	.01	.01	.01
47. 4500	.01	.01	.01	.01	.01	.01
47. 7000	.01	.01	.01	.01	.01	.01
47. 9500	.01	.01	.01	.01	.01	.01
48. 2000	.01	.00	.00	.00	.00	.00
48. 4500	.00	.00	.00	.00	.00	.00
48. 7000	.00	.00	.00	.00	.00	.00
48. 9500	.00	.00	.00	.00	.00	.00
49. 2000	.00	.00	.00	.00	.00	.00
49. 4500	.00	.00	.00	.00	.00	.00
49. 7000	.00	.00	.00	.00	.00	.00
49. 9500	.00	.00	.00	.00	.00	.00
50. 2000	.00	.00	.00	.00	.00	.00
50. 4500	.00	.00	.00	.00	.00	.00
50. 7000	.00	.00	.00	.00	.00	.00
50. 9500	.00	.00	.00	.00	.00	.00
51. 2000	.00	.00	.00	.00	.00	.00
51. 4500	.00	.00	.00	.00	.00	.00
51. 7000	.00	.00	.00	.00	.00	.00
51. 9500	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... J4

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

asbuilt basin 1 2 and 4.txt  
 SUMMARY FOR HYDROGRAPH ADDITION  
 at Node: J4

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ROUTE 2	BASIN2	IN	ROUTE 2	25
REACH 20	J3		REACH 20	25
ADDLINK 40	BYPASS1		BYPASS1	25

INFLOWS TO: J4

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	ROUTE 2	25	312030	12.4000	38.64
	REACH 20	25	10136050	12.7500	1124.44
	BYPASS1	25	1005090	12.1500	239.77

TOTAL FLOW INTO: J4

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	J4	25	11453160	12.7500	1208.96

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Node: Addition Summary

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Name... J4

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TOTAL NODE INFLOW...

HYG file =  
 HYG ID = J4  
 HYG Tag = 25

Peak Discharge = 1208.96 cfs  
 Time to Peak = 12.7500 hrs  
 HYG Volume = 11453160 cu. ft

Time hrs	HYDROGRAPH ORDINATES (cfs)					
	Output Time increment = .0500 hrs Time on left represents time for first value in each row.					
3.4000	.00	.00	.00	.01	.02	
3.6500	.03	.05	.07	.09	.12	
3.9000	.14	.17	.20	.23	.26	
4.1500	.29	.32	.36	.39	.42	
4.4000	.46	.49	.53	.56	.60	
4.6500	.63	.67	.71	.74	.79	
4.9000	.85	.90	.95	1.00	1.06	
5.1500	1.11	1.17	1.22	1.28	1.34	
5.4000	1.40	1.46	1.52	1.59	1.65	
5.6500	1.71	1.78	1.85	1.91	1.98	

asbuilt basin 1 2 and 4.txt

5. 9000	2.05	2.12	2.19	2.26	2.34
6. 1500	2.41	2.48	2.56	2.64	2.72
6. 4000	2.80	2.89	2.98	3.07	3.16
6. 6500	3.25	3.35	3.45	3.56	3.67
6. 9000	3.78	3.90	4.02	4.14	4.26
7. 1500	4.39	4.51	4.64	4.77	4.90
7. 4000	5.04	5.17	5.31	5.45	5.59
7. 6500	5.73	5.87	6.01	6.16	6.30
7. 9000	6.45	6.59	6.74	6.89	7.05
8. 1500	7.21	7.39	7.58	7.79	8.01
8. 4000	8.26	8.52	8.79	9.08	9.39
8. 6500	9.79	10.29	10.80	11.31	11.84
8. 9000	12.38	12.93	13.50	14.10	14.70
9. 1500	15.32	15.97	16.65	17.37	18.11
9. 4000	18.87	19.64	20.41	21.20	22.00
9. 6500	23.01	24.04	25.07	26.11	27.17
9. 9000	28.24	29.33	30.45	31.62	32.83
10. 1500	34.06	35.34	36.66	38.02	39.44
10. 4000	41.07	42.77	44.49	46.26	48.09
10. 6500	49.99	51.98	54.09	56.33	58.70
10. 9000	61.20	63.83	66.82	69.91	73.12

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Type... Node: Addition Summary

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Name... J4

Event: 25 yr

File... \\serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
11. 1500	76.49	80.11	84.02	88.24	92.79
11. 4000	97.90	103.41	109.36	116.20	124.70
11. 6500	136.09	152.44	174.84	204.74	245.79
11. 9000	299.39	366.50	446.97	532.13	613.25
12. 1500	688.07	757.29	821.67	881.70	939.67
12. 4000	997.95	1054.51	1103.30	1143.66	1176.14
12. 6500	1197.83	1207.77	1208.96	1201.45	1184.68
12. 9000	1161.07	1131.66	1095.97	1055.43	1011.89
13. 1500	967.47	922.18	877.34	834.22	793.38
13. 4000	754.49	716.90	678.98	645.92	617.69
13. 6500	591.59	566.92	543.76	522.20	501.87
13. 9000	482.64	464.87	448.03	432.04	416.95
14. 1500	402.98	389.61	376.85	364.82	353.69
14. 4000	343.13	333.03	323.47	314.36	305.70
14. 6500	297.70	289.96	282.49	275.36	268.29
14. 9000	260.85	253.28	245.76	238.33	231.14
15. 1500	224.29	217.79	211.73	206.19	200.92
15. 4000	195.91	191.17	186.68	182.39	178.31
15. 6500	174.40	170.76	167.32	163.98	160.75
15. 9000	157.63	154.65	151.80	149.09	146.50
16. 1500	144.04	141.68	139.41	137.25	135.24
16. 4000	133.34	131.50	129.69	127.94	126.23
16. 6500	124.58	122.98	121.43	119.94	118.50
16. 9000	117.11	115.78	114.51	113.29	112.12
17. 1500	111.00	109.92	108.88	107.89	106.92
17. 4000	106.00	105.10	104.23	103.44	102.66
17. 6500	101.89	101.13	100.38	99.64	98.92
17. 9000	98.20	97.50	96.81	96.13	95.46

asbuilt basin 1 2 and 4.txt

18. 1500	94. 80	94. 15	93. 52	92. 89	92. 27
18. 4000	91. 65	91. 04	90. 43	89. 83	89. 22
18. 6500	88. 63	88. 03	87. 44	86. 85	86. 26
18. 9000	85. 67	85. 09	84. 51	83. 93	83. 35
19. 1500	82. 77	82. 19	81. 62	81. 04	80. 47
19. 4000	79. 90	79. 33	78. 75	78. 18	77. 61
19. 6500	77. 04	76. 47	75. 90	75. 34	74. 81
19. 9000	74. 27	73. 73	73. 18	72. 63	72. 07
20. 1500	71. 52	70. 97	70. 42	69. 88	69. 35
20. 4000	68. 83	68. 32	67. 82	67. 33	66. 86
20. 6500	66. 39	65. 94	65. 50	65. 07	64. 66
20. 9000	64. 27	63. 89	63. 53	63. 19	62. 87
21. 1500	62. 55	62. 26	61. 97	61. 70	61. 44
21. 4000	61. 19	60. 96	60. 73	60. 51	60. 30
21. 6500	60. 10	59. 91	59. 72	59. 54	59. 37
21. 9000	59. 20	59. 03	58. 87	58. 71	58. 56
22. 1500	58. 41	58. 27	58. 12	57. 98	57. 85

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Type... Node: Addition Summary

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Name... J4

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time hrs | Time on left represents time for first value in each row.

22. 4000	57. 71	57. 58	57. 44	57. 31	57. 18
22. 6500	57. 06	56. 93	56. 80	56. 68	56. 56
22. 9000	56. 44	56. 31	56. 19	56. 08	55. 96
23. 1500	55. 84	55. 72	55. 60	55. 49	55. 37
23. 4000	55. 25	55. 14	55. 02	54. 91	54. 79
23. 6500	54. 68	54. 57	54. 45	54. 34	54. 23
23. 9000	54. 11	54. 00	53. 88	53. 71	53. 40
24. 1500	52. 89	52. 17	51. 28	50. 27	49. 20
24. 4000	48. 10	47. 04	45. 92	44. 73	43. 44
24. 6500	42. 04	40. 54	38. 98	37. 36	35. 68
24. 9000	33. 94	32. 17	30. 38	28. 59	27. 03
25. 1500	25. 51	24. 02	22. 58	21. 18	19. 83
25. 4000	18. 54	17. 30	16. 14	15. 04	14. 03
25. 6500	13. 28	12. 55	11. 85	11. 18	10. 57
25. 9000	9. 99	9. 44	8. 92	8. 43	7. 97
26. 1500	7. 52	7. 10	6. 70	6. 33	5. 97
26. 4000	5. 63	5. 31	5. 01	4. 72	4. 46
26. 6500	4. 29	4. 16	4. 03	3. 90	3. 77
26. 9000	3. 64	3. 52	3. 39	3. 27	3. 16
27. 1500	3. 05	2. 94	2. 84	2. 74	2. 64
27. 4000	2. 55	2. 46	2. 38	2. 30	2. 22
27. 6500	2. 15	2. 08	2. 01	1. 94	1. 88
27. 9000	1. 82	1. 76	1. 71	1. 66	1. 61
28. 1500	1. 56	1. 51	1. 47	1. 43	1. 39
28. 4000	1. 35	1. 32	1. 28	1. 25	1. 22
28. 6500	1. 19	1. 16	1. 13	1. 11	1. 08
28. 9000	1. 06	1. 03	1. 01	. 99	. 96
29. 1500	. 94	. 92	. 90	. 89	. 87
29. 4000	. 85	. 83	. 82	. 80	. 78
29. 6500	. 77	. 75	. 74	. 72	. 71
29. 9000	. 70	. 68	. 67	. 66	. 65
30. 1500	. 63	. 62	. 61	. 60	. 59

asbuilt basin 1 2 and 4.txt

30. 4000	.58	.57	.56	.55	.54
30. 6500	.53	.52	.51	.50	.49
30. 9000	.48	.47	.47	.46	.45
31. 1500	.44	.43	.43	.42	.41
31. 4000	.40	.40	.39	.38	.38
31. 6500	.37	.36	.36	.35	.35
31. 9000	.34	.33	.33	.32	.32
32. 1500	.31	.31	.30	.30	.29
32. 4000	.29	.28	.28	.27	.27
32. 6500	.26	.26	.25	.25	.25
32. 9000	.24	.24	.23	.23	.22
33. 1500	.22	.22	.21	.21	.21
33. 4000	.20	.20	.20	.19	.19

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.55

Name... J4

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
33. 6500	.19	.18	.18	.18	.17
33. 9000	.17	.17	.16	.16	.16
34. 1500	.16	.15	.15	.15	.15
34. 4000	.14	.14	.14	.14	.13
34. 6500	.13	.13	.13	.13	.12
34. 9000	.12	.12	.12	.11	.11
35. 1500	.11	.11	.11	.11	.10
35. 4000	.10	.10	.10	.10	.10
35. 6500	.09	.09	.09	.09	.09
35. 9000	.09	.08	.08	.08	.08
36. 1500	.08	.08	.08	.07	.07
36. 4000	.07	.07	.07	.07	.07
36. 6500	.07	.07	.06	.06	.06
36. 9000	.06	.06	.06	.06	.06
37. 1500	.06	.05	.05	.05	.05
37. 4000	.05	.05	.05	.05	.05
37. 6500	.05	.05	.05	.04	.04
37. 9000	.04	.04	.04	.04	.04
38. 1500	.04	.04	.04	.04	.04
38. 4000	.04	.04	.04	.03	.03
38. 6500	.03	.03	.03	.03	.03
38. 9000	.03	.03	.03	.03	.03
39. 1500	.03	.03	.03	.03	.03
39. 4000	.03	.03	.02	.02	.02
39. 6500	.02	.02	.02	.02	.02
39. 9000	.02	.02	.02	.02	.02
40. 1500	.02	.02	.02	.02	.02
40. 4000	.02	.02	.02	.02	.02
40. 6500	.02	.02	.02	.02	.02
40. 9000	.02	.02	.01	.01	.01
41. 1500	.01	.01	.01	.01	.01
41. 4000	.01	.01	.01	.01	.01
41. 6500	.01	.01	.01	.01	.01
41. 9000	.01	.01	.01	.01	.01
42. 1500	.01	.01	.01	.01	.01
42. 4000	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt						
42. 6500	.01	.01	.01	.01	.01	.01
42. 9000	.01	.01	.01	.01	.01	.01
43. 1500	.01	.01	.01	.01	.01	.01
43. 4000	.01	.01	.01	.01	.01	.01
43. 6500	.01	.01	.01	.01	.01	.01
43. 9000	.01	.01	.01	.01	.01	.01
44. 1500	.01	.01	.01	.01	.01	.01
44. 4000	.01	.01	.01	.01	.01	.01
44. 6500	.01	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

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Type... Node: Addition Summary

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Name... J4

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)						
Output Time increment = .0500 hrs						
Time on left represents time for first value in each row.						
Time hrs						
44. 9000	.01	.01	.01	.01	.01	.01
45. 1500	.01	.01	.01	.01	.01	.01
45. 4000	.01	.01	.01	.01	.01	.01
45. 6500	.01	.01	.01	.01	.01	.01
45. 9000	.01	.01	.01	.01	.01	.01
46. 1500	.01	.01	.01	.01	.01	.01
46. 4000	.01	.01	.01	.01	.01	.01
46. 6500	.01	.01	.01	.01	.01	.01
46. 9000	.01	.01	.01	.01	.01	.01
47. 1500	.01	.01	.01	.01	.01	.01
47. 4000	.01	.01	.01	.01	.01	.01
47. 6500	.01	.01	.01	.01	.01	.01
47. 9000	.01	.01	.01	.01	.01	.01
48. 1500	.01	.01	.01	.01	.01	.00
48. 4000	.00	.00	.00	.00	.00	.00
48. 6500	.00	.00	.00	.00	.00	.00
48. 9000	.00	.00	.00	.00	.00	.00
49. 1500	.00	.00	.00	.00	.00	.00
49. 4000	.00	.00	.00	.00	.00	.00
49. 6500	.00	.00	.00	.00	.00	.00
49. 9000	.00	.00	.00	.00	.00	.00
50. 1500	.00	.00	.00	.00	.00	.00
50. 4000	.00	.00	.00	.00	.00	.00
50. 6500	.00	.00	.00	.00	.00	.00
50. 9000	.00	.00	.00	.00	.00	.00
51. 1500	.00	.00	.00	.00	.00	.00
51. 4000	.00	.00	.00	.00	.00	.00
51. 6500	.00	.00	.00	.00	.00	.00
51. 9000	.00	.00	.00	.00	.00	.00
52. 1500	.00					

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.57

Name... J4

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100



asbuilt basin 1 2 and 4.txt  
 SUMMARY FOR HYDROGRAPH ADDITION  
 at Node: J4

HYG Directory: \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ROUTE 2	BASIN2	IN	ROUTE 2	100
REACH 20	J3		REACH 20	100
ADDLINK 40	BYPASS1		BYPASS1	100

INFLOWS TO: J4

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	ROUTE 2	100	415166	12.3000	74.18
	REACH 20	100	13647410	12.7500	1510.31
	BYPASS1	100	1285189	12.1500	302.90

TOTAL FLOW INTO: J4

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	J4	100	15347770	12.7000	1613.23

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Node: Addition Summary

Page 10.58

Name... J4

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

TOTAL NODE INFLOW...

HYG file =  
 HYG ID = J4  
 HYG Tag = 100

Peak Discharge = 1613.23 cfs  
 Time to Peak = 12.7000 hrs  
 HYG Volume = 15347770 cu. ft

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
2.8500	.00	.00	.01	.01	.03
3.1000	.05	.07	.10	.13	.16
3.3500	.20	.24	.28	.32	.36
3.6000	.41	.45	.49	.54	.58
3.8500	.62	.67	.71	.76	.80
4.1000	.85	.90	.96	1.02	1.08
4.3500	1.14	1.21	1.27	1.34	1.41
4.6000	1.48	1.55	1.62	1.70	1.77
4.8500	1.85	1.92	2.00	2.08	2.16
5.1000	2.24	2.33	2.41	2.50	2.58

asbuilt basin 1 2 and 4.txt

5. 3500	2. 67	2. 76	2. 86	2. 95	3. 05
5. 6000	3. 15	3. 26	3. 37	3. 48	3. 60
5. 8500	3. 72	3. 85	3. 98	4. 11	4. 25
6. 1000	4. 39	4. 53	4. 68	4. 83	4. 98
6. 3500	5. 14	5. 29	5. 45	5. 61	5. 77
6. 6000	5. 93	6. 10	6. 27	6. 43	6. 60
6. 8500	6. 78	6. 95	7. 12	7. 30	7. 48
7. 1000	7. 67	7. 87	8. 07	8. 28	8. 50
7. 3500	8. 72	8. 95	9. 19	9. 44	9. 80
7. 6000	10. 23	10. 67	11. 10	11. 53	11. 97
7. 8500	12. 42	12. 87	13. 34	13. 81	14. 29
8. 1000	14. 79	15. 31	15. 88	16. 50	17. 15
8. 3500	17. 84	18. 55	19. 29	20. 04	20. 82
8. 6000	21. 62	22. 61	23. 60	24. 60	25. 59
8. 8500	26. 60	27. 62	28. 66	29. 72	30. 81
9. 1000	31. 95	33. 11	34. 29	35. 48	36. 68
9. 3500	37. 89	39. 10	40. 51	41. 88	43. 24
9. 6000	44. 58	45. 93	47. 29	48. 68	50. 10
9. 8500	51. 57	53. 09	54. 65	56. 24	57. 87
10. 1000	59. 54	61. 35	63. 28	65. 24	67. 26
10. 3500	69. 34	71. 50	73. 74	76. 07	78. 51

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.59

Name... J4

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
10. 6000	81. 09	83. 80	86. 67	89. 74	93. 15
10. 8500	96. 68	100. 37	104. 23	108. 25	112. 51
11. 1000	117. 02	121. 81	127. 16	132. 93	139. 05
11. 3500	145. 61	152. 65	160. 23	168. 72	178. 61
11. 6000	190. 66	206. 68	228. 14	257. 61	297. 31
11. 8500	352. 82	424. 99	513. 16	616. 65	726. 58
12. 1000	832. 68	931. 80	1027. 22	1139. 43	1226. 21
12. 3500	1297. 42	1366. 42	1433. 53	1490. 91	1538. 41
12. 6000	1579. 02	1603. 94	1613. 23	1611. 17	1597. 59
12. 8500	1571. 56	1536. 63	1494. 29	1443. 64	1386. 86
13. 1000	1326. 74	1265. 89	1204. 34	1143. 97	1086. 13
13. 3500	1032. 09	980. 94	933. 21	889. 12	848. 22
13. 6000	809. 31	773. 34	738. 74	703. 74	671. 13
13. 8500	644. 47	619. 44	596. 11	574. 14	553. 38
14. 1000	534. 11	515. 88	498. 60	482. 23	467. 14
14. 3500	452. 87	439. 30	426. 46	414. 54	403. 26
14. 6000	392. 50	382. 32	372. 59	363. 29	354. 75
14. 8500	346. 53	338. 62	331. 11	323. 98	317. 14
15. 1000	310. 60	304. 50	298. 65	292. 97	287. 49
15. 3500	282. 17	277. 00	271. 98	267. 11	262. 20
15. 6000	256. 97	251. 32	245. 25	239. 05	232. 90
15. 8500	226. 90	221. 13	215. 64	210. 59	205. 85
16. 1000	201. 32	197. 02	192. 94	189. 09	185. 43
16. 3500	181. 95	178. 64	175. 48	172. 51	169. 76
16. 6000	167. 11	164. 54	162. 06	159. 69	157. 43
16. 8500	155. 26	153. 19	151. 22	149. 33	147. 52
17. 1000	145. 80	144. 15	142. 58	141. 08	139. 64
17. 3500	138. 27	136. 96	135. 76	134. 58	133. 42

asbuilt basin 1 2 and 4.txt

17. 6000	132. 29	131. 20	130. 13	129. 09	128. 07
17. 8500	127. 07	126. 09	125. 13	124. 19	123. 27
18. 1000	122. 37	121. 48	120. 61	119. 75	118. 90
18. 3500	118. 06	117. 23	116. 41	115. 60	114. 79
18. 6000	113. 99	113. 20	112. 41	111. 62	110. 84
18. 8500	110. 07	109. 30	108. 53	107. 77	107. 00
19. 1000	106. 25	105. 49	104. 74	103. 99	103. 29
19. 3500	102. 57	101. 85	101. 13	100. 40	99. 67
19. 6000	98. 94	98. 22	97. 49	96. 76	96. 04
19. 8500	95. 31	94. 58	93. 86	93. 14	92. 42
20. 1000	91. 71	91. 00	90. 29	89. 59	88. 90
20. 3500	88. 22	87. 55	86. 89	86. 25	85. 61
20. 6000	85. 00	84. 39	83. 81	83. 24	82. 70
20. 8500	82. 17	81. 67	81. 18	80. 72	80. 28
21. 1000	79. 86	79. 45	79. 07	78. 71	78. 36
21. 3500	78. 03	77. 72	77. 42	77. 14	76. 86
21. 6000	76. 60	76. 34	76. 10	75. 86	75. 65

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Type... Node: Addition Summary

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Name... J4

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
21. 8500	75. 44	75. 24	75. 04	74. 84	74. 65
22. 1000	74. 46	74. 27	74. 09	73. 91	73. 73
22. 3500	73. 55	73. 38	73. 21	73. 04	72. 88
22. 6000	72. 72	72. 56	72. 40	72. 24	72. 08
22. 8500	71. 93	71. 78	71. 62	71. 47	71. 32
23. 1000	71. 17	71. 02	70. 87	70. 73	70. 58
23. 3500	70. 43	70. 28	70. 14	69. 99	69. 84
23. 6000	69. 70	69. 55	69. 41	69. 26	69. 12
23. 8500	68. 98	68. 83	68. 69	68. 53	68. 31
24. 1000	67. 92	67. 28	66. 37	65. 24	63. 96
24. 3500	62. 60	61. 20	59. 75	58. 24	56. 64
24. 6000	54. 90	53. 01	50. 99	48. 85	46. 62
24. 8500	44. 54	42. 39	40. 22	38. 03	35. 83
25. 1000	33. 65	31. 49	29. 38	27. 47	25. 81
25. 3500	24. 21	22. 68	21. 21	19. 80	18. 47
25. 6000	17. 21	16. 03	14. 92	13. 93	13. 18
25. 8500	12. 45	11. 76	11. 11	10. 50	9. 93
26. 1000	9. 39	8. 88	8. 40	7. 93	7. 49
26. 3500	7. 08	6. 68	6. 31	5. 96	5. 62
26. 6000	5. 31	5. 01	4. 73	4. 46	4. 29
26. 8500	4. 16	4. 04	3. 91	3. 78	3. 65
27. 1000	3. 53	3. 41	3. 29	3. 17	3. 06
27. 3500	2. 95	2. 85	2. 75	2. 65	2. 56
27. 6000	2. 47	2. 39	2. 31	2. 23	2. 16
27. 8500	2. 09	2. 02	1. 95	1. 89	1. 83
28. 1000	1. 77	1. 72	1. 67	1. 62	1. 57
28. 3500	1. 53	1. 49	1. 45	1. 41	1. 37
28. 6000	1. 34	1. 30	1. 27	1. 24	1. 21
28. 8500	1. 18	1. 15	1. 13	1. 10	1. 08
29. 1000	1. 05	1. 03	1. 01	. 98	. 96
29. 3500	. 94	. 92	. 90	. 89	. 87
29. 6000	. 85	. 83	. 82	. 80	. 79

asbuilt basin 1 2 and 4.txt

29. 8500	.77	.76	.74	.73	.71
30. 1000	.70	.69	.67	.66	.65
30. 3500	.64	.63	.62	.60	.59
30. 6000	.58	.57	.56	.55	.54
30. 8500	.53	.52	.51	.50	.49
31. 1000	.49	.48	.47	.46	.45
31. 3500	.44	.44	.43	.42	.41
31. 6000	.41	.40	.39	.39	.38
31. 8500	.37	.37	.36	.35	.35
32. 1000	.34	.34	.33	.33	.32
32. 3500	.31	.31	.30	.30	.29
32. 6000	.29	.28	.28	.27	.27
32. 8500	.27	.26	.26	.25	.25

S/N:

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Compute Time:

Date:

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Type... Node: Addition Summary

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Name... J4

Event: 100 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
33. 1000	.24	.24	.24	.23	.23
33. 3500	.22	.22	.22	.21	.21
33. 6000	.20	.20	.20	.19	.19
33. 8500	.19	.18	.18	.18	.18
34. 1000	.17	.17	.17	.16	.16
34. 3500	.16	.16	.15	.15	.15
34. 6000	.15	.14	.14	.14	.14
34. 8500	.13	.13	.13	.13	.12
35. 1000	.12	.12	.12	.12	.11
35. 3500	.11	.11	.11	.11	.10
35. 6000	.10	.10	.10	.10	.10
35. 8500	.09	.09	.09	.09	.09
36. 1000	.09	.09	.08	.08	.08
36. 3500	.08	.08	.08	.08	.07
36. 6000	.07	.07	.07	.07	.07
36. 8500	.07	.07	.06	.06	.06
37. 1000	.06	.06	.06	.06	.06
37. 3500	.06	.06	.05	.05	.05
37. 6000	.05	.05	.05	.05	.05
37. 8500	.05	.05	.05	.05	.04
38. 1000	.04	.04	.04	.04	.04
38. 3500	.04	.04	.04	.04	.04
38. 6000	.04	.04	.04	.03	.03
38. 8500	.03	.03	.03	.03	.03
39. 1000	.03	.03	.03	.03	.03
39. 3500	.03	.03	.03	.03	.03
39. 6000	.03	.03	.03	.02	.02
39. 8500	.02	.02	.02	.02	.02
40. 1000	.02	.02	.02	.02	.02
40. 3500	.02	.02	.02	.02	.02
40. 6000	.02	.02	.02	.02	.02
40. 8500	.02	.02	.02	.02	.02
41. 1000	.02	.02	.01	.01	.01
41. 3500	.01	.01	.01	.01	.01
41. 6000	.01	.01	.01	.01	.01
41. 8500	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

42. 1000	.01	.01	.01	.01	.01
42. 3500	.01	.01	.01	.01	.01
42. 6000	.01	.01	.01	.01	.01
42. 8500	.01	.01	.01	.01	.01
43. 1000	.01	.01	.01	.01	.01
43. 3500	.01	.01	.01	.01	.01
43. 6000	.01	.01	.01	.01	.01
43. 8500	.01	.01	.01	.01	.01
44. 1000	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.62

Name... J4

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
44. 3500	.01	.01	.01	.01	.01
44. 6000	.01	.01	.01	.01	.01
44. 8500	.01	.01	.01	.01	.01
45. 1000	.01	.01	.01	.01	.01
45. 3500	.01	.01	.01	.01	.01
45. 6000	.01	.01	.01	.01	.01
45. 8500	.01	.01	.01	.01	.01
46. 1000	.01	.01	.01	.01	.01
46. 3500	.01	.01	.01	.01	.01
46. 6000	.01	.01	.01	.01	.01
46. 8500	.01	.01	.01	.01	.01
47. 1000	.01	.01	.01	.01	.01
47. 3500	.01	.01	.01	.01	.01
47. 6000	.01	.01	.01	.01	.01
47. 8500	.01	.01	.01	.01	.01
48. 1000	.01	.01	.01	.01	.01
48. 3500	.01	.01	.01	.01	.01
48. 6000	.00	.00	.00	.00	.00
48. 8500	.00	.00	.00	.00	.00
49. 1000	.00	.00	.00	.00	.00
49. 3500	.00	.00	.00	.00	.00
49. 6000	.00	.00	.00	.00	.00
49. 8500	.00	.00	.00	.00	.00
50. 1000	.00	.00	.00	.00	.00
50. 3500	.00	.00	.00	.00	.00
50. 6000	.00	.00	.00	.00	.00
50. 8500	.00	.00	.00	.00	.00
51. 1000	.00	.00	.00	.00	.00
51. 3500	.00	.00	.00	.00	.00
51. 6000	.00	.00	.00	.00	.00
51. 8500	.00	.00	.00	.00	.00
52. 1000	.00	.00	.00	.00	.00
52. 3500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.63

Name... J5

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW Storm... Type I 24hr Tag: 15

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: J5

HYG Directory: \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ROUTE 10	BASIN3B		ROUTE 10	15
REACH 30	J4		REACH 30	15

INFLOWS TO: J5

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	ROUTE 10	15	747909	12.6000	77.37
	REACH 30	15	9996781	12.8500	1036.26

TOTAL FLOW INTO: J5

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	J5	15	10744690	12.8500	1110.20

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... J5

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW Storm... Type I 24hr Tag: 15

TOTAL NODE INFLOW...

HYG file =  
HYG ID = J5  
HYG Tag = 15

Peak Discharge = 1110.20 cfs  
Time to Peak = 12.8500 hrs  
HYG Volume = 10744690 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
4.0500	.00	.00	.00	.00	.00
4.3000	.00	.01	.01	.01	.01
4.5500	.03	.05	.07	.09	.11
4.8000	.13	.15	.17	.20	.22
5.0500	.25	.27	.30	.32	.35
5.3000	.38	.41	.44	.48	.51
5.5500	.55	.58	.62	.66	.69
5.8000	.73	.78	.82	.86	.90
6.0500	.95	.99	1.04	1.09	1.14

asbuilt basin 1 2 and 4.txt

6. 3000	1. 19	1. 24	1. 29	1. 34	1. 39
6. 5500	1. 45	1. 50	1. 56	1. 62	1. 67
6. 8000	1. 73	1. 79	1. 85	1. 92	1. 98
7. 0500	2. 04	2. 11	2. 18	2. 25	2. 32
7. 3000	2. 39	2. 47	2. 54	2. 62	2. 70
7. 5500	2. 78	2. 87	2. 95	3. 04	3. 13
7. 8000	3. 23	3. 32	3. 42	3. 51	3. 61
8. 0500	3. 71	3. 82	3. 92	4. 03	4. 14
8. 3000	4. 25	4. 37	4. 58	4. 81	5. 03
8. 5500	5. 25	5. 46	5. 68	5. 90	6. 12
8. 8000	6. 34	6. 57	6. 81	7. 05	7. 30
9. 0500	7. 56	7. 82	8. 11	8. 43	8. 77
9. 3000	9. 14	9. 53	9. 94	10. 38	10. 85
9. 5500	11. 35	11. 88	12. 42	12. 98	13. 58
9. 8000	14. 20	14. 85	15. 70	16. 56	17. 43
10. 0500	18. 32	19. 25	20. 22	21. 19	22. 20
10. 3000	23. 25	24. 36	25. 50	26. 70	27. 94
10. 5500	29. 25	30. 70	32. 34	34. 00	35. 71
10. 8000	37. 47	39. 32	41. 26	43. 30	45. 47
11. 0500	47. 75	50. 13	52. 88	55. 77	58. 80
11. 3000	62. 06	65. 51	69. 15	72. 99	77. 23
11. 5500	82. 00	87. 27	93. 46	101. 22	111. 86

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... J5

Event: 15 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
11. 8000	126. 36	146. 61	174. 92	214. 18	263. 36
12. 0500	323. 72	393. 29	467. 25	541. 03	612. 24
12. 3000	680. 01	744. 13	805. 01	862. 81	917. 37
12. 5500	967. 34	1011. 05	1047. 83	1076. 35	1096. 03
12. 8000	1107. 25	1110. 20	1105. 23	1093. 12	1074. 77
13. 0500	1050. 62	1021. 53	989. 26	954. 12	916. 75
13. 3000	878. 87	839. 63	800. 72	763. 59	728. 79
13. 5500	696. 67	666. 22	637. 87	611. 38	586. 00
13. 8000	561. 80	538. 73	516. 50	495. 37	475. 90
14. 0500	457. 20	439. 53	422. 54	406. 54	391. 73
14. 3000	377. 82	364. 81	352. 87	341. 68	331. 12
14. 5500	321. 08	311. 37	301. 93	292. 81	283. 76
14. 8000	274. 86	266. 14	257. 67	249. 73	242. 18
15. 0500	234. 97	228. 10	221. 58	215. 40	209. 58
15. 3000	204. 26	199. 18	194. 36	189. 80	185. 49
15. 5500	181. 38	177. 47	173. 73	170. 16	166. 89
15. 8000	163. 71	160. 61	157. 62	154. 72	151. 94
16. 0500	149. 29	146. 73	144. 28	141. 91	139. 64
16. 3000	137. 44	135. 33	133. 34	131. 47	129. 64
16. 5500	127. 86	126. 13	124. 45	122. 82	121. 24
16. 8000	119. 71	118. 24	116. 82	115. 45	114. 14
17. 0500	112. 89	111. 69	110. 52	109. 40	108. 32
17. 3000	107. 27	106. 26	105. 28	104. 34	103. 43
17. 5500	102. 55	101. 72	100. 93	100. 15	99. 36
17. 8000	98. 58	97. 82	97. 09	96. 36	95. 66
18. 0500	94. 97	94. 29	93. 62	92. 97	92. 32
18. 3000	91. 69	91. 06	90. 44	89. 83	89. 22

asbuilt basin 1 2 and 4.txt

18. 5500	88. 62	88. 02	87. 43	86. 84	86. 26
18. 8000	85. 68	85. 10	84. 53	83. 96	83. 39
19. 0500	82. 83	82. 28	81. 73	81. 18	80. 64
19. 3000	80. 10	79. 56	79. 02	78. 48	77. 93
19. 5500	77. 39	76. 84	76. 30	75. 75	75. 21
19. 8000	74. 66	74. 12	73. 59	73. 09	72. 58
20. 0500	72. 06	71. 54	71. 01	70. 49	69. 96
20. 3000	69. 44	68. 93	68. 42	67. 91	67. 41
20. 5500	66. 92	66. 44	65. 97	65. 51	65. 06
20. 8000	64. 62	64. 19	63. 77	63. 36	62. 97
21. 0500	62. 59	62. 23	61. 87	61. 53	61. 21
21. 3000	60. 89	60. 59	60. 31	60. 03	59. 77
21. 5500	59. 51	59. 27	59. 04	58. 82	58. 60
21. 8000	58. 40	58. 20	58. 01	57. 82	57. 65
22. 0500	57. 47	57. 31	57. 14	56. 98	56. 83
22. 3000	56. 68	56. 53	56. 39	56. 25	56. 11
22. 5500	55. 98	55. 85	55. 72	55. 60	55. 48
22. 8000	55. 35	55. 23	55. 11	55. 00	54. 88

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.66

Name... J5

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
23. 0500	54. 76	54. 65	54. 53	54. 41	54. 30
23. 3000	54. 19	54. 07	53. 96	53. 85	53. 73
23. 5500	53. 62	53. 51	53. 40	53. 29	53. 18
23. 8000	53. 07	52. 96	52. 85	52. 74	52. 63
24. 0500	52. 51	52. 36	52. 16	51. 86	51. 43
24. 3000	50. 84	50. 11	49. 28	48. 42	47. 49
24. 5500	46. 49	45. 42	44. 29	43. 13	41. 94
24. 8000	40. 70	39. 35	37. 79	36. 28	34. 81
25. 0500	33. 37	31. 95	30. 54	29. 13	27. 84
25. 3000	26. 65	25. 45	24. 25	23. 06	21. 88
25. 5500	20. 73	19. 63	18. 58	17. 59	16. 65
25. 8000	15. 75	14. 91	14. 12	13. 53	12. 95
26. 0500	12. 39	11. 83	11. 30	10. 77	10. 27
26. 3000	9. 78	9. 31	8. 85	8. 41	7. 99
26. 5500	7. 59	7. 21	6. 86	6. 54	6. 23
26. 8000	5. 95	5. 69	5. 44	5. 20	4. 98
27. 0500	4. 77	4. 58	4. 39	4. 30	4. 20
27. 3000	4. 11	4. 02	3. 92	3. 83	3. 74
27. 5500	3. 65	3. 56	3. 47	3. 38	3. 29
27. 8000	3. 21	3. 13	3. 04	2. 96	2. 88
28. 0500	2. 81	2. 73	2. 66	2. 59	2. 52
28. 3000	2. 45	2. 38	2. 32	2. 26	2. 19
28. 5500	2. 14	2. 08	2. 02	1. 97	1. 92
28. 8000	1. 87	1. 82	1. 77	1. 72	1. 68
29. 0500	1. 63	1. 59	1. 55	1. 51	1. 47
29. 3000	1. 44	1. 40	1. 37	1. 33	1. 30
29. 5500	1. 27	1. 24	1. 21	1. 18	1. 15
29. 8000	1. 12	1. 10	1. 07	1. 05	1. 02
30. 0500	1. 00	. 98	. 96	. 94	. 92
30. 3000	. 90	. 88	. 86	. 84	. 82
30. 5500	. 80	. 79	. 77	. 75	. 74



asbuilt basin 1 2 and 4.txt

30. 8000	.72	.71	.69	.68	.67
31. 0500	.65	.64	.63	.61	.60
31. 3000	.59	.58	.57	.56	.55
31. 5500	.54	.53	.52	.51	.50
31. 8000	.49	.48	.47	.46	.45
32. 0500	.44	.44	.43	.42	.41
32. 3000	.40	.40	.39	.38	.38
32. 5500	.37	.36	.36	.35	.34
32. 8000	.34	.33	.33	.32	.31
33. 0500	.31	.30	.30	.29	.29
33. 3000	.28	.28	.27	.27	.26
33. 5500	.26	.25	.25	.25	.24
33. 8000	.24	.23	.23	.23	.22
34. 0500	.22	.21	.21	.21	.20

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Date:

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Type... Node: Addition Summary

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Name... J5

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
34. 3000	.20	.20	.19	.19	.19
34. 5500	.18	.18	.18	.17	.17
34. 8000	.17	.16	.16	.16	.16
35. 0500	.15	.15	.15	.15	.14
35. 3000	.14	.14	.14	.13	.13
35. 5500	.13	.13	.12	.12	.12
35. 8000	.12	.12	.11	.11	.11
36. 0500	.11	.11	.11	.10	.10
36. 3000	.10	.10	.10	.09	.09
36. 5500	.09	.09	.09	.09	.09
36. 8000	.08	.08	.08	.08	.08
37. 0500	.08	.08	.07	.07	.07
37. 3000	.07	.07	.07	.07	.07
37. 5500	.06	.06	.06	.06	.06
37. 8000	.06	.06	.06	.06	.06
38. 0500	.05	.05	.05	.05	.05
38. 3000	.05	.05	.05	.05	.05
38. 5500	.05	.05	.04	.04	.04
38. 8000	.04	.04	.04	.04	.04
39. 0500	.04	.04	.04	.04	.04
39. 3000	.04	.03	.03	.03	.03
39. 5500	.03	.03	.03	.03	.03
39. 8000	.03	.03	.03	.03	.03
40. 0500	.03	.03	.03	.03	.03
40. 3000	.03	.02	.02	.02	.02
40. 5500	.02	.02	.02	.02	.02
40. 8000	.02	.02	.02	.02	.02
41. 0500	.02	.02	.02	.02	.02
41. 3000	.02	.02	.02	.02	.02
41. 5500	.02	.02	.02	.02	.02
41. 8000	.02	.01	.01	.01	.01
42. 0500	.01	.01	.01	.01	.01
42. 3000	.01	.01	.01	.01	.01
42. 5500	.01	.01	.01	.01	.01
42. 8000	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

43.0500	.01	.01	.01	.01	.01
43.3000	.01	.01	.01	.01	.01
43.5500	.01	.01	.01	.01	.01
43.8000	.01	.01	.01	.01	.01
44.0500	.01	.01	.01	.01	.01
44.3000	.01	.01	.01	.01	.01
44.5500	.01	.01	.01	.01	.01
44.8000	.01	.01	.01	.01	.01
45.0500	.01	.01	.01	.01	.01
45.3000	.01	.01	.01	.01	.01

S/N:

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Compute Time:

Date:

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Type... Node: Addition Summary

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Name... J5

Event: 15 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
45.5500	.01	.01	.01	.01	.01
45.8000	.01	.01	.01	.01	.01
46.0500	.01	.01	.01	.01	.01
46.3000	.01	.01	.01	.01	.01
46.5500	.01	.01	.01	.01	.01
46.8000	.01	.01	.01	.01	.01
47.0500	.01	.01	.01	.01	.01
47.3000	.01	.01	.01	.01	.01
47.5500	.01	.01	.01	.01	.01
47.8000	.01	.01	.01	.01	.01
48.0500	.01	.01	.01	.01	.01
48.3000	.01	.01	.01	.01	.01
48.5500	.01	.01	.01	.01	.01
48.8000	.01	.01	.01	.01	.01
49.0500	.01	.01	.01	.01	.01
49.3000	.01	.01	.01	.01	.01
49.5500	.01	.01	.01	.01	.01
49.8000	.01	.01	.01	.01	.01
50.0500	.01	.01	.01	.01	.01
50.3000	.01	.01	.01	.01	.01
50.5500	.01	.01	.01	.01	.01
50.8000	.01	.01	.01	.01	.01
51.0500	.01	.01	.01	.01	.01
51.3000	.01	.01	.01	.01	.01
51.5500	.01	.01	.01	.01	.01
51.8000	.01	.01	.01	.01	.01
52.0500	.01	.01	.01	.01	.01
52.3000	.01	.01	.01	.01	.01
52.5500	.01	.01	.01	.01	.01
52.8000	.01	.01	.01	.01	.01
53.0500	.01	.01	.01	.01	.01
53.3000	.01	.01	.01	.01	.01
53.5500	.01	.01	.01	.01	.01
53.8000	.01	.01	.01	.01	.01
54.0500	.01	.01	.01	.01	.01
54.3000	.01	.01	.01	.01	.01
54.5500	.01	.01	.01	.01	.01
54.8000	.01	.01	.00	.00	.00
55.0500	.00	.00	.00	.00	.00

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asbuilt basin 1 2 and 4.txt
55. 3000 | .00 .00 .00 .00 .00
55. 5500 | .00 .00 .00 .00 .00
55. 8000 | .00 .00 .00 .00 .00
56. 0500 | .00 .00 .00 .00 .00
56. 3000 | .00 .00 .00 .00 .00
56. 5500 | .00 .00 .00 .00 .00

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Compute Time:

Date:

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Type... Node: Addition Summary

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Name... J5

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
56. 8000	.00	.00	.00	.00	.00
57. 0500	.00	.00	.00	.00	.00
57. 3000	.00	.00	.00	.00	.00
57. 5500	.00	.00	.00	.00	.00
57. 8000	.00	.00	.00	.00	.00
58. 0500	.00	.00	.00	.00	.00
58. 3000	.00	.00	.00	.00	.00
58. 5500	.00	.00	.00	.00	.00
58. 8000	.00	.00	.00	.00	.00
59. 0500	.00	.00	.00	.00	.00
59. 3000	.00	.00	.00	.00	.00
59. 5500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... J5

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: J5

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ROUTE 10	BASIN3B		ROUTE 10	25
REACH 30	J4		REACH 30	25

INFLOWS TO: J5

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	ROUTE 10	25	869335	12. 6500	86. 46
	REACH 30	25	11453070	12. 8500	1188. 88

asbuilt basin 1 2 and 4.txt

TOTAL FLOW INTO: J5

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
J5	J5	25	12322410	12.8500	1271.98

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Node: Addition Summary

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Name... J5

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TOTAL NODE INFLOW...

HYG file =  
 HYG ID = J5  
 HYG Tag = 25

Peak Discharge = 1271.98 cfs  
 Time to Peak = 12.8500 hrs  
 HYG Volume = 12322410 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
3.7500	.00	.00	.00	.00	.00
4.0000	.00	.01	.01	.01	.02
4.2500	.04	.06	.08	.10	.12
4.5000	.14	.17	.19	.22	.24
4.7500	.27	.30	.33	.36	.39
5.0000	.42	.45	.49	.52	.56
5.2500	.60	.64	.68	.72	.76
5.5000	.81	.85	.90	.95	.99
5.7500	1.04	1.09	1.15	1.20	1.25
6.0000	1.31	1.36	1.42	1.48	1.53
6.2500	1.59	1.65	1.72	1.78	1.84
6.5000	1.91	1.98	2.04	2.11	2.19
6.7500	2.26	2.33	2.41	2.49	2.57
7.0000	2.66	2.74	2.83	2.92	3.01
7.2500	3.11	3.20	3.30	3.40	3.51
7.5000	3.61	3.72	3.83	3.94	4.05
7.7500	4.16	4.28	4.41	4.64	4.86
8.0000	5.06	5.27	5.46	5.66	5.85
8.2500	6.04	6.23	6.42	6.62	6.82
8.5000	7.04	7.26	7.49	7.74	8.01
8.7500	8.31	8.63	8.98	9.36	9.76
9.0000	10.19	10.67	11.17	11.71	12.28
9.2500	12.87	13.50	14.15	14.82	15.67
9.5000	16.54	17.39	18.25	19.12	20.02
9.7500	20.93	21.85	22.80	23.78	24.80
10.0000	25.85	26.93	28.05	29.20	30.48
10.2500	31.91	33.35	34.81	36.31	37.86
10.5000	39.46	41.12	42.84	44.62	46.50
10.7500	48.46	50.54	52.91	55.36	57.88
11.0000	60.54	63.38	66.36	69.47	72.69
11.2500	76.14	79.98	84.02	88.32	92.95

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PondPack Ver:

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Type... Node: Addition Summary

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Name... J5

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
11. 5000	97.94	103.40	109.92	117.51	126.97
11. 7500	139.53	157.16	181.14	215.01	259.64
12. 0000	316.11	385.65	464.79	547.69	630.50
12. 2500	711.44	788.67	861.57	931.07	997.94
12. 5000	1060.43	1116.93	1166.36	1207.38	1238.39
12. 7500	1259.49	1270.59	1271.98	1264.30	1248.61
13. 0000	1225.84	1196.75	1162.07	1123.25	1082.08
13. 2500	1038.82	995.26	952.24	910.16	869.53
13. 5000	829.22	790.76	754.39	721.03	690.12
13. 7500	661.04	634.24	608.95	584.97	562.77
14. 0000	541.48	520.64	500.67	481.85	463.98
14. 2500	446.95	430.65	415.71	400.99	387.15
14. 5000	374.36	362.42	351.59	341.37	331.72
14. 7500	322.57	313.92	305.64	297.85	290.06
15. 0000	282.28	274.52	266.83	259.29	252.10
15. 2500	245.25	238.65	232.34	226.30	220.55
15. 5000	215.07	209.90	205.13	200.53	196.11
15. 7500	191.88	187.83	183.94	180.20	176.61
16. 0000	173.17	169.91	166.90	163.99	161.17
16. 2500	158.45	155.82	153.31	150.90	148.61
16. 5000	146.40	144.28	142.24	140.27	138.36
16. 7500	136.51	134.73	133.09	131.51	129.97
17. 0000	128.47	127.01	125.61	124.25	122.94
17. 2500	121.68	120.46	119.29	118.16	117.08
17. 5000	116.02	115.01	114.05	113.11	112.21
17. 7500	111.33	110.47	109.63	108.81	108.00
18. 0000	107.21	106.43	105.67	104.92	104.18
18. 2500	103.45	102.74	102.05	101.40	100.74
18. 5000	100.09	99.43	98.78	98.12	97.45
18. 7500	96.77	96.10	95.43	94.76	94.11
19. 0000	93.46	92.81	92.17	91.53	90.90
19. 2500	90.27	89.64	89.01	88.39	87.76
19. 5000	87.14	86.52	85.90	85.28	84.66
19. 7500	84.04	83.42	82.81	82.21	81.61
20. 0000	81.01	80.42	79.82	79.23	78.63
20. 2500	78.04	77.44	76.86	76.28	75.70
20. 5000	75.14	74.59	74.05	73.54	73.06
20. 7500	72.59	72.12	71.66	71.20	70.76
21. 0000	70.34	69.92	69.52	69.14	68.77
21. 2500	68.41	68.07	67.74	67.42	67.12
21. 5000	66.83	66.55	66.28	66.02	65.78
21. 7500	65.54	65.31	65.09	64.88	64.67
22. 0000	64.47	64.28	64.10	63.91	63.74
22. 2500	63.57	63.40	63.24	63.08	62.92
22. 5000	62.77	62.62	62.47	62.32	62.17

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Compute Time:

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Type... Node: Addition Summary

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Name... J5

Event: 25 yr

asbuilt basin 1 2 and 4.txt

File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
22.7500	62.03	61.89	61.75	61.61	61.48
23.0000	61.34	61.21	61.08	60.94	60.81
23.2500	60.68	60.56	60.43	60.30	60.17
23.5000	60.05	59.92	59.79	59.67	59.54
23.7500	59.42	59.30	59.17	59.05	58.93
24.0000	58.80	58.67	58.50	58.26	57.91
24.2500	57.40	56.74	55.91	54.95	53.87
24.5000	52.75	51.58	50.34	49.02	47.70
24.7500	46.42	45.07	43.65	42.04	40.34
25.0000	38.67	37.02	35.39	33.78	32.19
25.2500	30.63	29.09	27.70	26.43	25.15
25.5000	23.88	22.64	21.42	20.26	19.16
25.7500	18.12	17.13	16.19	15.31	14.47
26.0000	13.79	13.20	12.63	12.07	11.52
26.2500	10.99	10.47	9.97	9.49	9.03
26.5000	8.58	8.16	7.75	7.36	7.00
26.7500	6.66	6.35	6.06	5.79	5.54
27.0000	5.30	5.07	4.86	4.65	4.46
27.2500	4.34	4.24	4.15	4.05	3.96
27.5000	3.87	3.78	3.68	3.59	3.50
27.7500	3.42	3.33	3.24	3.16	3.08
28.0000	3.00	2.92	2.84	2.76	2.69
28.2500	2.62	2.55	2.48	2.41	2.35
28.5000	2.28	2.22	2.16	2.11	2.05
28.7500	1.99	1.94	1.89	1.84	1.79
29.0000	1.75	1.70	1.66	1.61	1.57
29.2500	1.53	1.50	1.46	1.42	1.39
29.5000	1.35	1.32	1.29	1.26	1.23
29.7500	1.20	1.17	1.14	1.12	1.09
30.0000	1.07	1.04	1.02	.99	.97
30.2500	.95	.93	.91	.89	.87
30.5000	.85	.83	.82	.80	.78
30.7500	.77	.75	.74	.72	.71
31.0000	.69	.68	.66	.65	.64
31.2500	.63	.61	.60	.59	.58
31.5000	.57	.56	.55	.54	.53
31.7500	.52	.51	.50	.49	.48
32.0000	.47	.46	.45	.44	.44
32.2500	.43	.42	.41	.40	.40
32.5000	.39	.38	.38	.37	.36
32.7500	.36	.35	.34	.34	.33
33.0000	.33	.32	.31	.31	.30
33.2500	.30	.29	.29	.28	.28
33.5000	.27	.27	.26	.26	.25
33.7500	.25	.25	.24	.24	.23

S/N:  
 PondPack Ver: Compute Time: Date:

♀ Type.... Node: Addition Summary Page 10.74  
 Name.... J5 Event: 25 yr

File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW Storm... Type I 24hr Tag: 25

asbuilt basin 1 2 and 4.txt

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
34.0000	.23	.23	.22	.22	.21
34.2500	.21	.21	.20	.20	.20
34.5000	.19	.19	.19	.18	.18
34.7500	.18	.17	.17	.17	.16
35.0000	.16	.16	.16	.15	.15
35.2500	.15	.15	.14	.14	.14
35.5000	.14	.13	.13	.13	.13
35.7500	.13	.12	.12	.12	.12
36.0000	.11	.11	.11	.11	.11
36.2500	.11	.10	.10	.10	.10
36.5000	.10	.09	.09	.09	.09
36.7500	.09	.09	.09	.08	.08
37.0000	.08	.08	.08	.08	.08
37.2500	.07	.07	.07	.07	.07
37.5000	.07	.07	.07	.06	.06
37.7500	.06	.06	.06	.06	.06
38.0000	.06	.06	.06	.05	.05
38.2500	.05	.05	.05	.05	.05
38.5000	.05	.05	.05	.05	.05
38.7500	.04	.04	.04	.04	.04
39.0000	.04	.04	.04	.04	.04
39.2500	.04	.04	.04	.04	.03
39.5000	.03	.03	.03	.03	.03
39.7500	.03	.03	.03	.03	.03
40.0000	.03	.03	.03	.03	.03
40.2500	.03	.03	.03	.03	.02
40.5000	.02	.02	.02	.02	.02
40.7500	.02	.02	.02	.02	.02
41.0000	.02	.02	.02	.02	.02
41.2500	.02	.02	.02	.02	.02
41.5000	.02	.02	.02	.02	.02
41.7500	.02	.02	.02	.02	.01
42.0000	.01	.01	.01	.01	.01
42.2500	.01	.01	.01	.01	.01
42.5000	.01	.01	.01	.01	.01
42.7500	.01	.01	.01	.01	.01
43.0000	.01	.01	.01	.01	.01
43.2500	.01	.01	.01	.01	.01
43.5000	.01	.01	.01	.01	.01
43.7500	.01	.01	.01	.01	.01
44.0000	.01	.01	.01	.01	.01
44.2500	.01	.01	.01	.01	.01
44.5000	.01	.01	.01	.01	.01
44.7500	.01	.01	.01	.01	.01
45.0000	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Node: Addition Summary

Page 10.75

Name... J5

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
----------	--	--	--	--	--

asbuilt basin 1 2 and 4.txt

45. 2500	.01	.01	.01	.01	.01
45. 5000	.01	.01	.01	.01	.01
45. 7500	.01	.01	.01	.01	.01
46. 0000	.01	.01	.01	.01	.01
46. 2500	.01	.01	.01	.01	.01
46. 5000	.01	.01	.01	.01	.01
46. 7500	.01	.01	.01	.01	.01
47. 0000	.01	.01	.01	.01	.01
47. 2500	.01	.01	.01	.01	.01
47. 5000	.01	.01	.01	.01	.01
47. 7500	.01	.01	.01	.01	.01
48. 0000	.01	.01	.01	.01	.01
48. 2500	.01	.01	.01	.01	.01
48. 5000	.01	.01	.01	.01	.01
48. 7500	.01	.01	.01	.01	.01
49. 0000	.01	.01	.01	.01	.01
49. 2500	.01	.01	.01	.01	.01
49. 5000	.01	.01	.01	.01	.01
49. 7500	.01	.01	.01	.01	.01
50. 0000	.01	.01	.01	.01	.01
50. 2500	.01	.01	.01	.01	.01
50. 5000	.01	.01	.01	.01	.01
50. 7500	.01	.01	.01	.01	.01
51. 0000	.01	.01	.01	.01	.01
51. 2500	.01	.01	.01	.01	.01
51. 5000	.01	.01	.01	.01	.01
51. 7500	.01	.01	.01	.01	.01
52. 0000	.01	.01	.01	.01	.01
52. 2500	.01	.01	.01	.01	.01
52. 5000	.01	.01	.01	.01	.01
52. 7500	.01	.01	.01	.01	.01
53. 0000	.01	.01	.01	.01	.01
53. 2500	.01	.01	.01	.01	.01
53. 5000	.01	.01	.01	.01	.01
53. 7500	.01	.01	.01	.01	.01
54. 0000	.01	.01	.01	.01	.01
54. 2500	.01	.01	.01	.01	.01
54. 5000	.01	.01	.01	.01	.01
54. 7500	.01	.01	.01	.01	.01
55. 0000	.00	.00	.00	.00	.00
55. 2500	.00	.00	.00	.00	.00
55. 5000	.00	.00	.00	.00	.00
55. 7500	.00	.00	.00	.00	.00
56. 0000	.00	.00	.00	.00	.00
56. 2500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

Page 10.76

Name... J5

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
56. 5000	.00	.00	.00	.00	.00
56. 7500	.00	.00	.00	.00	.00
57. 0000	.00	.00	.00	.00	.00
57. 2500	.00	.00	.00	.00	.00



asbuilt basin 1 2 and 4.txt

57.5000	.00	.00	.00	.00	.00
57.7500	.00	.00	.00	.00	.00
58.0000	.00	.00	.00	.00	.00
58.2500	.00	.00	.00	.00	.00
58.5000	.00	.00	.00	.00	.00
58.7500	.00	.00	.00	.00	.00
59.0000	.00	.00	.00	.00	.00
59.2500	.00	.00	.00	.00	.00
59.5000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

Page 10.77

Name... J5

Event: 100 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: J5

HYG Directory: \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ROUTE 10	BASIN3B		ROUTE 10	100
REACH 30	J4		REACH 30	100

INFLOWS TO: J5

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	ROUTE 10	100	1197972	12.6500	109.60
	REACH 30	100	15347690	12.8000	1589.79

TOTAL FLOW INTO: J5

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	J5	100	16545670	12.8000	1696.62

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

Page 10.78

Name... J5

Event: 100 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

TOTAL NODE INFLOW...

HYG file =

HYG ID = J5

HYG Tag = 100

Peak Discharge = 1696.62 cfs

Time to Peak = 12.8000 hrs

asbuilt basin 1 2 and 4.txt  
 HYG Volume = 16545670 cu. ft

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
3. 1500	.00	.00	.00	.00	.00
3. 4000	.00	.01	.01	.01	.03
3. 6500	.06	.08	.11	.14	.16
3. 9000	.19	.22	.25	.29	.32
4. 1500	.35	.39	.42	.46	.50
4. 4000	.54	.58	.63	.67	.72
4. 6500	.77	.81	.87	.92	.97
4. 9000	1.03	1.08	1.14	1.20	1.26
5. 1500	1.32	1.39	1.45	1.52	1.58
5. 4000	1.65	1.72	1.79	1.87	1.94
5. 6500	2.02	2.09	2.17	2.26	2.34
5. 9000	2.43	2.52	2.61	2.70	2.80
6. 1500	2.90	3.01	3.11	3.22	3.33
6. 4000	3.44	3.56	3.68	3.80	3.92
6. 6500	4.05	4.18	4.31	4.50	4.75
6. 9000	5.00	5.23	5.46	5.69	5.91
7. 1500	6.12	6.33	6.55	6.76	6.97
7. 4000	7.19	7.41	7.63	7.86	8.12
7. 6500	8.39	8.69	9.00	9.33	9.68
7. 9000	10.04	10.43	10.84	11.28	11.74
8. 1500	12.23	12.72	13.24	13.78	14.35
8. 4000	14.98	15.75	16.52	17.31	18.10
8. 6500	18.93	19.79	20.68	21.57	22.47
8. 9000	23.41	24.38	25.38	26.42	27.48
9. 1500	28.58	29.72	31.03	32.39	33.74
9. 4000	35.09	36.45	37.82	39.20	40.60
9. 6500	42.00	43.42	44.84	46.29	47.76
9. 9000	49.25	50.89	52.62	54.36	56.13
10. 1500	57.94	59.79	61.69	63.66	65.69
10. 4000	67.82	70.01	72.29	74.67	77.31
10. 6500	79.98	82.71	85.52	88.49	91.62

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

Page 10.79

Name... J5

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
10. 9000	94.91	98.39	102.05	106.11	110.42
11. 1500	114.92	119.68	124.77	130.23	136.06
11. 4000	142.63	149.71	157.26	165.47	174.70
11. 6500	186.09	200.25	218.52	243.79	277.51
11. 9000	322.68	382.71	459.12	550.46	652.43
12. 1500	760.54	869.68	981.45	1093.01	1195.84
12. 4000	1288.87	1375.31	1454.31	1523.05	1582.22
12. 6500	1630.43	1665.98	1687.75	1696.62	1692.91
12. 9000	1677.34	1651.65	1616.59	1573.74	1524.27
13. 1500	1469.83	1412.70	1353.43	1294.43	1235.97
13. 4000	1179.79	1125.45	1074.36	1025.80	980.61

asbuilt basin 1 2 and 4.txt

13. 6500	937.58	897.48	858.64	821.30	786.70
13. 9000	754.77	725.64	698.28	672.29	648.10
14. 1500	625.24	603.46	582.84	563.72	545.51
14. 4000	528.18	511.71	496.52	481.64	466.89
14. 6500	452.66	438.84	426.05	413.92	402.24
14. 9000	391.24	380.61	370.18	360.87	352.31
15. 1500	344.24	336.68	329.54	322.76	316.29
15. 4000	310.11	304.29	298.75	293.35	287.99
15. 6500	282.55	276.93	271.10	265.12	259.06
15. 9000	253.15	247.35	241.64	236.10	230.77
16. 1500	225.64	220.72	216.02	211.56	207.47
16. 4000	203.52	199.73	196.09	192.63	189.34
16. 6500	186.20	183.19	180.32	177.57	174.93
16. 9000	172.41	170.06	167.85	165.70	163.64
17. 1500	161.65	159.73	157.90	156.14	154.45
17. 4000	152.83	151.30	149.83	148.43	147.08
17. 6500	145.77	144.51	143.29	142.10	140.94
17. 9000	139.80	138.70	137.62	136.56	135.52
18. 1500	134.55	133.60	132.65	131.71	130.78
18. 4000	129.86	128.95	128.04	127.15	126.26
18. 6500	125.37	124.50	123.63	122.77	121.91
18. 9000	121.06	120.21	119.37	118.53	117.70
19. 1500	116.87	116.05	115.23	114.41	113.61
19. 4000	112.82	112.02	111.23	110.44	109.65
19. 6500	108.87	108.08	107.29	106.51	105.72
19. 9000	104.94	104.15	103.36	102.58	101.84
20. 1500	101.10	100.35	99.61	98.86	98.11
20. 4000	97.35	96.58	95.82	95.08	94.36
20. 6500	93.65	92.97	92.31	91.67	91.05
20. 9000	90.45	89.87	89.31	88.77	88.25
21. 1500	87.75	87.28	86.82	86.38	85.96
21. 4000	85.56	85.18	84.82	84.47	84.13
21. 6500	83.81	83.51	83.21	82.93	82.66
21. 9000	82.40	82.15	81.91	81.68	81.45

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

Page 10.80

Name... J5

Event: 100 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
22. 1500	81.23	81.02	80.80	80.60	80.40
22. 4000	80.20	80.00	79.81	79.62	79.43
22. 6500	79.25	79.07	78.89	78.72	78.54
22. 9000	78.37	78.20	78.03	77.86	77.70
23. 1500	77.53	77.37	77.20	77.04	76.88
23. 4000	76.72	76.55	76.39	76.23	76.08
23. 6500	75.92	75.76	75.60	75.44	75.28
23. 9000	75.13	74.97	74.81	74.64	74.43
24. 1500	74.13	73.69	73.06	72.19	71.10
24. 4000	69.86	68.47	66.97	65.39	63.78
24. 6500	62.09	60.29	58.38	56.40	54.41
24. 9000	52.36	50.23	47.90	45.81	43.81
25. 1500	41.82	39.80	37.79	35.83	33.93
25. 4000	32.08	30.30	28.57	27.12	25.73
25. 6500	24.36	23.03	21.74	20.51	19.36

asbuilt basin 1 2 and 4.txt

25. 9000	18. 27	17. 25	16. 28	15. 37	14. 52
26. 1500	13. 82	13. 22	12. 64	12. 07	11. 52
26. 4000	10. 99	10. 47	9. 97	9. 49	9. 02
26. 6500	8. 58	8. 15	7. 74	7. 35	6. 99
26. 9000	6. 66	6. 35	6. 06	5. 79	5. 54
27. 1500	5. 30	5. 08	4. 86	4. 66	4. 47
27. 4000	4. 34	4. 25	4. 15	4. 06	3. 97
27. 6500	3. 87	3. 78	3. 69	3. 60	3. 51
27. 9000	3. 42	3. 34	3. 25	3. 17	3. 09
28. 1500	3. 01	2. 93	2. 85	2. 77	2. 70
28. 4000	2. 63	2. 56	2. 49	2. 42	2. 36
28. 6500	2. 30	2. 24	2. 18	2. 12	2. 06
28. 9000	2. 01	1. 96	1. 91	1. 86	1. 81
29. 1500	1. 76	1. 72	1. 67	1. 63	1. 59
29. 4000	1. 55	1. 51	1. 48	1. 44	1. 40
29. 6500	1. 37	1. 34	1. 31	1. 27	1. 24
29. 9000	1. 22	1. 19	1. 16	1. 13	1. 11
30. 1500	1. 08	1. 06	1. 03	1. 01	. 99
30. 4000	. 97	. 95	. 93	. 91	. 89
30. 6500	. 87	. 85	. 83	. 82	. 80
30. 9000	. 78	. 77	. 75	. 74	. 72
31. 1500	. 71	. 69	. 68	. 67	. 65
31. 4000	. 64	. 63	. 61	. 60	. 59
31. 6500	. 58	. 57	. 56	. 55	. 54
31. 9000	. 53	. 52	. 51	. 50	. 49
32. 1500	. 48	. 47	. 46	. 45	. 45
32. 4000	. 44	. 43	. 42	. 41	. 41
32. 6500	. 40	. 39	. 39	. 38	. 37
32. 9000	. 37	. 36	. 35	. 35	. 34
33. 1500	. 33	. 33	. 32	. 32	. 31

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Node: Addition Summary

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Name. . . . J5

Event: 100 yr

File. . . . \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
33. 4000	. 31	. 30	. 30	. 29	. 29
33. 6500	. 28	. 28	. 27	. 27	. 26
33. 9000	. 26	. 25	. 25	. 24	. 24
34. 1500	. 24	. 23	. 23	. 22	. 22
34. 4000	. 22	. 21	. 21	. 20	. 20
34. 6500	. 20	. 19	. 19	. 19	. 18
34. 9000	. 18	. 18	. 18	. 17	. 17
35. 1500	. 17	. 16	. 16	. 16	. 16
35. 4000	. 15	. 15	. 15	. 14	. 14
35. 6500	. 14	. 14	. 14	. 13	. 13
35. 9000	. 13	. 13	. 12	. 12	. 12
36. 1500	. 12	. 12	. 11	. 11	. 11
36. 4000	. 11	. 11	. 10	. 10	. 10
36. 6500	. 10	. 10	. 10	. 09	. 09
36. 9000	. 09	. 09	. 09	. 09	. 08
37. 1500	. 08	. 08	. 08	. 08	. 08
37. 4000	. 08	. 08	. 07	. 07	. 07
37. 6500	. 07	. 07	. 07	. 07	. 07
37. 9000	. 06	. 06	. 06	. 06	. 06

asbuilt basin 1 2 and 4.txt

38. 1500	.06	.06	.06	.06	.06
38. 4000	.05	.05	.05	.05	.05
38. 6500	.05	.05	.05	.05	.05
38. 9000	.05	.04	.04	.04	.04
39. 1500	.04	.04	.04	.04	.04
39. 4000	.04	.04	.04	.04	.04
39. 6500	.04	.03	.03	.03	.03
39. 9000	.03	.03	.03	.03	.03
40. 1500	.03	.03	.03	.03	.03
40. 4000	.03	.03	.03	.03	.03
40. 6500	.03	.02	.02	.02	.02
40. 9000	.02	.02	.02	.02	.02
41. 1500	.02	.02	.02	.02	.02
41. 4000	.02	.02	.02	.02	.02
41. 6500	.02	.02	.02	.02	.02
41. 9000	.02	.02	.02	.02	.02
42. 1500	.01	.01	.01	.01	.01
42. 4000	.01	.01	.01	.01	.01
42. 6500	.01	.01	.01	.01	.01
42. 9000	.01	.01	.01	.01	.01
43. 1500	.01	.01	.01	.01	.01
43. 4000	.01	.01	.01	.01	.01
43. 6500	.01	.01	.01	.01	.01
43. 9000	.01	.01	.01	.01	.01
44. 1500	.01	.01	.01	.01	.01
44. 4000	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

Page 10.82

Name... J5

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
44. 6500	.01	.01	.01	.01	.01
44. 9000	.01	.01	.01	.01	.01
45. 1500	.01	.01	.01	.01	.01
45. 4000	.01	.01	.01	.01	.01
45. 6500	.01	.01	.01	.01	.01
45. 9000	.01	.01	.01	.01	.01
46. 1500	.01	.01	.01	.01	.01
46. 4000	.01	.01	.01	.01	.01
46. 6500	.01	.01	.01	.01	.01
46. 9000	.01	.01	.01	.01	.01
47. 1500	.01	.01	.01	.01	.01
47. 4000	.01	.01	.01	.01	.01
47. 6500	.01	.01	.01	.01	.01
47. 9000	.01	.01	.01	.01	.01
48. 1500	.01	.01	.01	.01	.01
48. 4000	.01	.01	.01	.01	.01
48. 6500	.01	.01	.01	.01	.01
48. 9000	.01	.01	.01	.01	.01
49. 1500	.01	.01	.01	.01	.01
49. 4000	.01	.01	.01	.01	.01
49. 6500	.01	.01	.01	.01	.01
49. 9000	.01	.01	.01	.01	.01
50. 1500	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

50. 4000	.01	.01	.01	.01	.01	.01
50. 6500	.01	.01	.01	.01	.01	.01
50. 9000	.01	.01	.01	.01	.01	.01
51. 1500	.01	.01	.01	.01	.01	.01
51. 4000	.01	.01	.01	.01	.01	.01
51. 6500	.01	.01	.01	.01	.01	.01
51. 9000	.01	.01	.01	.01	.01	.01
52. 1500	.01	.01	.01	.01	.01	.01
52. 4000	.01	.01	.01	.01	.01	.01
52. 6500	.01	.01	.01	.01	.01	.01
52. 9000	.01	.01	.01	.01	.01	.01
53. 1500	.01	.01	.01	.01	.01	.01
53. 4000	.01	.01	.01	.01	.01	.01
53. 6500	.01	.01	.01	.01	.01	.01
53. 9000	.01	.01	.01	.01	.01	.01
54. 1500	.01	.01	.01	.01	.01	.01
54. 4000	.01	.01	.01	.01	.01	.01
54. 6500	.01	.01	.01	.01	.01	.01
54. 9000	.01	.01	.01	.01	.01	.01
55. 1500	.01	.00	.00	.00	.00	.00
55. 4000	.00	.00	.00	.00	.00	.00
55. 6500	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.83

Name... J5

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)					
55. 9000	.00	.00	.00	.00	.00	.00
56. 1500	.00	.00	.00	.00	.00	.00
56. 4000	.00	.00	.00	.00	.00	.00
56. 6500	.00	.00	.00	.00	.00	.00
56. 9000	.00	.00	.00	.00	.00	.00
57. 1500	.00	.00	.00	.00	.00	.00
57. 4000	.00	.00	.00	.00	.00	.00
57. 6500	.00	.00	.00	.00	.00	.00
57. 9000	.00	.00	.00	.00	.00	.00
58. 1500	.00	.00	.00	.00	.00	.00
58. 4000	.00	.00	.00	.00	.00	.00
58. 6500	.00	.00	.00	.00	.00	.00
58. 9000	.00	.00	.00	.00	.00	.00
59. 1500	.00	.00	.00	.00	.00	.00
59. 4000	.00	.00	.00	.00	.00	.00
59. 6500	.00	.00	.00	.00	.00	.00
59. 9000	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.84

Name... J6

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

asbuilt basin 1 2 and 4.txt  
 SUMMARY FOR HYDROGRAPH ADDITION  
 at Node: J6

HYG Directory: \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ROUTE 20	BASIN4	IN	ROUTE 20	15
REACH 40	J5		REACH 40	15

INFLOWS TO: J6

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	ROUTE 20	15	90257	12.4500	9.45
	REACH 40	15	10744660	12.9000	1105.06

TOTAL FLOW INTO: J6

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	J6	15	10834920	12.9000	1113.83

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Node: Addition Summary

Page 10.85

Name... J6

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

TOTAL NODE INFLOW...

HYG file =

HYG ID = J6

HYG Tag = 15

Peak Discharge = 1113.83 cfs

Time to Peak = 12.9000 hrs

HYG Volume = 10834920 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
4.6000	.00	.00	.00	.00	.00
4.8500	.01	.01	.01	.03	.05
5.1000	.08	.10	.12	.15	.17
5.3500	.19	.22	.25	.27	.30
5.6000	.33	.36	.39	.42	.45
5.8500	.49	.52	.56	.59	.63
6.1000	.67	.71	.74	.79	.83
6.3500	.87	.91	.96	1.00	1.05
6.6000	1.10	1.14	1.19	1.24	1.29
6.8500	1.34	1.40	1.45	1.51	1.56
7.1000	1.62	1.68	1.73	1.80	1.86
7.3500	1.92	1.98	2.05	2.12	2.19

asbuilt basin 1 2 and 4.txt

7. 6000	2. 26	2. 33	2. 40	2. 48	2. 55
7. 8500	2. 63	2. 71	2. 80	2. 88	2. 97
8. 1000	3. 06	3. 15	3. 24	3. 33	3. 43
8. 3500	3. 52	3. 63	3. 74	3. 87	4. 01
8. 6000	4. 16	4. 32	4. 56	4. 86	5. 14
8. 8500	5. 42	5. 68	5. 94	6. 19	6. 45
9. 1000	6. 71	6. 97	7. 24	7. 53	7. 83
9. 3500	8. 15	8. 49	8. 85	9. 23	9. 63
9. 6000	10. 06	10. 51	10. 98	11. 48	12. 00
9. 8500	12. 55	13. 14	13. 79	14. 56	15. 48
10. 1000	16. 41	17. 34	18. 29	19. 25	20. 24
10. 3500	21. 25	22. 30	23. 39	24. 52	25. 69
10. 6000	26. 92	28. 25	29. 84	31. 52	33. 23
10. 8500	34. 97	36. 78	38. 65	40. 61	42. 66
11. 1000	44. 81	47. 11	49. 86	52. 70	55. 67
11. 3500	58. 80	62. 11	65. 60	69. 31	73. 63
11. 6000	78. 35	83. 61	89. 80	97. 35	107. 50
11. 8500	121. 03	139. 58	165. 32	200. 70	246. 50
12. 1000	303. 60	370. 51	443. 49	518. 61	592. 81

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.86

Name... J6

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
12. 3500	664. 20	731. 96	795. 91	856. 18	912. 69
12. 6000	963. 67	1008. 94	1046. 55	1076. 24	1097. 32
12. 8500	1109. 74	1113. 83	1110. 08	1099. 19	1081. 84
13. 1000	1058. 69	1031. 25	999. 94	965. 51	929. 51
13. 3500	892. 01	853. 57	815. 80	778. 91	744. 37
13. 6000	711. 64	680. 74	652. 07	624. 71	598. 71
13. 8500	573. 98	550. 08	527. 31	505. 68	485. 70
14. 1000	466. 67	448. 95	431. 89	415. 67	400. 47
14. 3500	386. 49	373. 27	360. 87	349. 23	338. 46
14. 6000	328. 25	318. 35	308. 74	299. 38	290. 27
14. 8500	281. 53	272. 85	264. 39	256. 27	248. 49
15. 1000	241. 16	234. 28	227. 63	221. 27	215. 27
15. 3500	209. 63	204. 29	199. 30	194. 69	190. 26
15. 6000	186. 00	181. 93	178. 04	174. 34	170. 85
15. 8500	167. 50	164. 28	161. 18	158. 32	155. 52
16. 1000	152. 79	150. 15	147. 60	145. 15	142. 78
16. 3500	140. 50	138. 31	136. 23	134. 24	132. 33
16. 6000	130. 48	128. 69	126. 95	125. 33	123. 76
16. 8500	122. 21	120. 71	119. 24	117. 83	116. 46
17. 1000	115. 15	113. 89	112. 67	111. 49	110. 36
17. 3500	109. 27	108. 21	107. 19	106. 21	105. 26
17. 6000	104. 34	103. 46	102. 62	101. 80	100. 99
17. 8500	100. 20	99. 42	98. 66	97. 92	97. 19
18. 1000	96. 48	95. 78	95. 14	94. 49	93. 84
18. 3500	93. 20	92. 56	91. 93	91. 31	90. 69
18. 6000	90. 07	89. 47	88. 86	88. 26	87. 67
18. 8500	87. 08	86. 49	85. 91	85. 33	84. 75
19. 1000	84. 18	83. 62	83. 06	82. 50	81. 95
19. 3500	81. 40	80. 85	80. 30	79. 75	79. 21
19. 6000	78. 66	78. 11	77. 56	77. 01	76. 46



asbuilt basin 1 2 and 4.txt

19. 8500	75. 91	75. 36	74. 83	74. 30	73. 77
20. 1000	73. 25	72. 72	72. 20	71. 67	71. 14
20. 3500	70. 62	70. 10	69. 58	69. 09	68. 61
20. 6000	68. 14	67. 66	67. 19	66. 72	66. 26
20. 8500	65. 81	65. 36	64. 93	64. 51	64. 10
21. 1000	63. 70	63. 32	62. 94	62. 59	62. 24
21. 3500	61. 91	61. 59	61. 28	60. 99	60. 70
21. 6000	60. 43	60. 17	59. 92	59. 68	59. 46
21. 8500	59. 24	59. 02	58. 82	58. 62	58. 43
22. 1000	58. 25	58. 07	57. 90	57. 73	57. 57
22. 3500	57. 42	57. 26	57. 11	56. 97	56. 82
22. 6000	56. 68	56. 55	56. 41	56. 28	56. 16
22. 8500	56. 03	55. 91	55. 78	55. 66	55. 54
23. 1000	55. 42	55. 30	55. 19	55. 07	54. 95
23. 3500	54. 84	54. 72	54. 61	54. 49	54. 38

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Compute Time:

Date:

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Type... Node: Addition Summary

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Name... J6

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
23. 6000	54. 27	54. 15	54. 04	53. 93	53. 81
23. 8500	53. 70	53. 59	53. 48	53. 37	53. 25
24. 1000	53. 12	52. 95	52. 73	52. 43	52. 03
24. 3500	51. 53	50. 92	50. 22	49. 46	48. 62
24. 6000	47. 71	46. 74	45. 78	44. 78	43. 72
24. 8500	42. 58	41. 35	40. 02	38. 64	37. 24
25. 1000	35. 83	34. 42	33. 01	31. 62	30. 28
25. 3500	28. 98	27. 78	26. 69	25. 57	24. 44
25. 6000	23. 31	22. 20	21. 11	20. 05	19. 03
25. 8500	18. 05	17. 12	16. 24	15. 45	14. 71
26. 1000	14. 04	13. 53	13. 02	12. 50	11. 99
26. 3500	11. 49	10. 99	10. 50	10. 03	9. 57
26. 6000	9. 12	8. 69	8. 28	7. 89	7. 52
26. 8500	7. 17	6. 84	6. 52	6. 23	5. 95
27. 1000	5. 69	5. 44	5. 21	5. 02	4. 84
27. 3500	4. 68	4. 53	4. 40	4. 32	4. 25
27. 6000	4. 18	4. 11	4. 03	3. 96	3. 88
27. 8500	3. 80	3. 72	3. 64	3. 56	3. 48
28. 1000	3. 41	3. 33	3. 25	3. 17	3. 10
28. 3500	3. 02	2. 95	2. 88	2. 80	2. 73
28. 6000	2. 66	2. 60	2. 53	2. 47	2. 40
28. 8500	2. 34	2. 28	2. 22	2. 16	2. 11
29. 1000	2. 05	2. 00	1. 95	1. 90	1. 85
29. 3500	1. 80	1. 76	1. 71	1. 67	1. 63
29. 6000	1. 59	1. 55	1. 51	1. 47	1. 43
29. 8500	1. 40	1. 36	1. 33	1. 30	1. 27
30. 1000	1. 24	1. 21	1. 18	1. 15	1. 12
30. 3500	1. 10	1. 07	1. 05	1. 02	1. 00
30. 6000	. 98	. 96	. 93	. 91	. 89
30. 8500	. 87	. 85	. 84	. 82	. 80
31. 1000	. 78	. 77	. 75	. 74	. 72
31. 3500	. 71	. 69	. 68	. 66	. 65
31. 6000	. 64	. 62	. 61	. 60	. 59
31. 8500	. 58	. 56	. 55	. 54	. 53

asbuilt basin 1 2 and 4.txt

32. 1000	.52	.51	.50	.49	.48
32. 3500	.47	.47	.46	.45	.44
32. 6000	.43	.42	.42	.41	.40
32. 8500	.39	.39	.38	.37	.37
33. 1000	.36	.35	.35	.34	.33
33. 3500	.33	.32	.32	.31	.31
33. 6000	.30	.30	.29	.28	.28
33. 8500	.27	.27	.27	.26	.26
34. 1000	.25	.25	.24	.24	.23
34. 3500	.23	.23	.22	.22	.21
34. 6000	.21	.21	.20	.20	.20

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Date:

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Type... Node: Addition Summary

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Name... J6

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
34. 8500	.19	.19	.19	.18	.18
35. 1000	.18	.17	.17	.17	.17
35. 3500	.16	.16	.16	.15	.15
35. 6000	.15	.15	.14	.14	.14
35. 8500	.14	.13	.13	.13	.13
36. 1000	.13	.12	.12	.12	.12
36. 3500	.12	.11	.11	.11	.11
36. 6000	.11	.10	.10	.10	.10
36. 8500	.10	.10	.09	.09	.09
37. 1000	.09	.09	.09	.08	.08
37. 3500	.08	.08	.08	.08	.08
37. 6000	.07	.07	.07	.07	.07
37. 8500	.07	.07	.07	.07	.06
38. 1000	.06	.06	.06	.06	.06
38. 3500	.06	.06	.06	.05	.05
38. 6000	.05	.05	.05	.05	.05
38. 8500	.05	.05	.05	.05	.05
39. 1000	.04	.04	.04	.04	.04
39. 3500	.04	.04	.04	.04	.04
39. 6000	.04	.04	.04	.04	.04
39. 8500	.03	.03	.03	.03	.03
40. 1000	.03	.03	.03	.03	.03
40. 3500	.03	.03	.03	.03	.03
40. 6000	.03	.03	.03	.03	.02
40. 8500	.02	.02	.02	.02	.02
41. 1000	.02	.02	.02	.02	.02
41. 3500	.02	.02	.02	.02	.02
41. 6000	.02	.02	.02	.02	.02
41. 8500	.02	.02	.02	.02	.02
42. 1000	.02	.02	.02	.02	.01
42. 3500	.01	.01	.01	.01	.01
42. 6000	.01	.01	.01	.01	.01
42. 8500	.01	.01	.01	.01	.01
43. 1000	.01	.01	.01	.01	.01
43. 3500	.01	.01	.01	.01	.01
43. 6000	.01	.01	.01	.01	.01
43. 8500	.01	.01	.01	.01	.01
44. 1000	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

44. 3500	.01	.01	.01	.01	.01
44. 6000	.01	.01	.01	.01	.01
44. 8500	.01	.01	.01	.01	.01
45. 1000	.01	.01	.01	.01	.01
45. 3500	.01	.01	.01	.01	.01
45. 6000	.01	.01	.01	.01	.01
45. 8500	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... J6

Event: 15 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
46. 1000	.01	.01	.01	.01	.01
46. 3500	.01	.01	.01	.01	.01
46. 6000	.01	.01	.01	.01	.01
46. 8500	.01	.01	.01	.01	.01
47. 1000	.01	.01	.01	.01	.01
47. 3500	.01	.01	.01	.01	.01
47. 6000	.01	.01	.01	.01	.01
47. 8500	.01	.01	.01	.01	.01
48. 1000	.01	.01	.01	.01	.01
48. 3500	.01	.01	.01	.01	.01
48. 6000	.01	.01	.01	.01	.01
48. 8500	.01	.01	.01	.01	.01
49. 1000	.01	.01	.01	.01	.01
49. 3500	.01	.01	.01	.01	.01
49. 6000	.01	.01	.01	.01	.01
49. 8500	.01	.01	.01	.01	.01
50. 1000	.01	.01	.01	.01	.01
50. 3500	.01	.01	.01	.01	.01
50. 6000	.01	.01	.01	.01	.01
50. 8500	.01	.01	.01	.01	.01
51. 1000	.01	.01	.01	.01	.01
51. 3500	.01	.01	.01	.01	.01
51. 6000	.01	.01	.01	.01	.01
51. 8500	.01	.01	.01	.01	.01
52. 1000	.01	.01	.01	.01	.01
52. 3500	.01	.01	.01	.01	.01
52. 6000	.01	.01	.01	.01	.01
52. 8500	.01	.01	.01	.01	.01
53. 1000	.01	.01	.01	.01	.01
53. 3500	.01	.01	.01	.01	.01
53. 6000	.01	.01	.01	.01	.01
53. 8500	.01	.01	.01	.01	.01
54. 1000	.01	.01	.01	.01	.01
54. 3500	.01	.01	.01	.01	.01
54. 6000	.01	.01	.01	.01	.01
54. 8500	.01	.01	.01	.01	.01
55. 1000	.01	.01	.01	.01	.01
55. 3500	.01	.01	.01	.01	.01
55. 6000	.01	.01	.01	.01	.01
55. 8500	.01	.01	.01	.01	.01
56. 1000	.01	.01	.01	.01	.01
56. 3500	.01	.01	.01	.01	.01



asbuilt basin 1 2 and 4.txt

ROUTE 20	25	105179	12.5000	10.03
REACH 40	25	12322370	12.9000	1266.55

TOTAL FLOW INTO: J6

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
J6		25	12427540	12.9000	1276.07

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Node: Addition Summary

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Name... J6

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TOTAL NODE INFLOW...

HYG file =

HYG ID = J6

HYG Tag = 25

Peak Discharge = 1276.07 cfs

Time to Peak = 12.9000 hrs

HYG Volume = 12427540 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
4.2500	.00	.00	.00	.00	.00
4.5000	.01	.01	.01	.02	.04
4.7500	.07	.09	.12	.14	.17
5.0000	.19	.22	.25	.28	.30
5.2500	.34	.37	.40	.43	.47
5.5000	.50	.54	.57	.61	.65
5.7500	.69	.73	.78	.82	.86
6.0000	.91	.96	1.00	1.05	1.10
6.2500	1.15	1.21	1.26	1.31	1.37
6.5000	1.42	1.48	1.54	1.60	1.66
6.7500	1.72	1.78	1.85	1.92	1.98
7.0000	2.05	2.12	2.20	2.27	2.35
7.2500	2.43	2.51	2.59	2.67	2.76
7.5000	2.85	2.94	3.03	3.12	3.22
7.7500	3.32	3.41	3.52	3.63	3.75
8.0000	3.88	4.03	4.17	4.33	4.57
8.2500	4.85	5.12	5.37	5.60	5.83
8.5000	6.06	6.28	6.51	6.74	6.98
8.7500	7.22	7.49	7.77	8.07	8.39
9.0000	8.73	9.09	9.49	9.91	10.36
9.2500	10.84	11.35	11.89	12.45	13.06
9.5000	13.72	14.47	15.40	16.32	17.23
9.7500	18.14	19.05	19.97	20.91	21.87
10.0000	22.86	23.87	24.90	25.97	27.08
10.2500	28.27	29.68	31.15	32.64	34.14
10.5000	35.67	37.25	38.86	40.53	42.26
10.7500	44.05	45.93	48.03	50.37	52.77
11.0000	55.26	57.85	60.57	63.43	66.41

asbuilt basin 1 2 and 4.txt

11. 2500	69.54	73.14	76.92	80.89	85.08
11. 5000	89.55	94.37	99.92	106.43	114.00
11. 7500	123.06	135.23	151.72	174.08	204.88

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Date:

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Type... Node: Addition Summary

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Name... J6

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
12. 0000	246.30	299.74	365.98	442.39	524.87
12. 2500	609.57	693.49	774.24	851.07	924.02
12. 5000	992.92	1056.75	1114.94	1165.18	1207.31
12. 7500	1239.37	1261.42	1273.54	1276.07	1269.66
13. 0000	1255.18	1233.47	1205.33	1171.73	1134.53
13. 2500	1094.27	1052.07	1009.72	967.14	925.74
13. 5000	884.95	845.18	807.08	770.75	737.35
13. 7500	705.73	676.28	648.92	622.88	598.52
14. 0000	575.66	553.56	532.10	511.81	492.35
14. 2500	473.47	455.99	439.83	424.34	409.47
14. 5000	395.60	382.67	370.51	359.16	348.52
14. 7500	338.70	329.42	320.54	312.06	303.91
15. 0000	295.93	288.19	280.57	272.94	265.43
15. 2500	258.15	251.12	244.36	238.09	232.00
15. 5000	226.11	220.48	215.14	210.10	205.29
15. 7500	200.69	196.47	192.35	188.37	184.51
16. 0000	180.80	177.24	173.86	170.66	167.59
16. 2500	164.65	161.83	159.21	156.68	154.22
16. 5000	151.85	149.56	147.36	145.23	143.18
16. 7500	141.20	139.29	137.46	135.72	134.05
17. 0000	132.44	130.88	129.38	127.92	126.51
17. 2500	125.23	123.96	122.72	121.51	120.34
17. 5000	119.21	118.11	117.06	116.04	115.06
17. 7500	114.11	113.19	112.30	111.43	110.58
18. 0000	109.75	108.93	108.13	107.35	106.58
18. 2500	105.82	105.07	104.34	103.63	102.94
18. 5000	102.27	101.59	100.93	100.26	99.60
18. 7500	98.93	98.25	97.57	96.90	96.23
19. 0000	95.58	94.95	94.32	93.68	93.04
19. 2500	92.40	91.76	91.12	90.49	89.86
19. 5000	89.22	88.59	87.97	87.34	86.71
19. 7500	86.09	85.46	84.84	84.22	83.60
20. 0000	82.99	82.38	81.78	81.18	80.57
20. 2500	79.97	79.37	78.78	78.19	77.60
20. 5000	77.02	76.45	75.88	75.33	74.80
20. 7500	74.29	73.80	73.31	72.84	72.37
21. 0000	71.92	71.48	71.05	70.63	70.23
21. 2500	69.84	69.47	69.12	68.80	68.47
21. 5000	68.16	67.86	67.57	67.28	67.01
21. 7500	66.75	66.49	66.25	66.01	65.79
22. 0000	65.57	65.36	65.16	64.96	64.77
22. 2500	64.58	64.40	64.23	64.05	63.89
22. 5000	63.72	63.56	63.41	63.25	63.10
22. 7500	62.95	62.80	62.66	62.51	62.37
23. 0000	62.23	62.10	61.96	61.82	61.69

S/N:

PondPack Ver:

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Type... Node: Addition Summary

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Name... J6

Event: 25 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
23. 2500	61. 56	61. 42	61. 29	61. 16	61. 03
23. 5000	60. 90	60. 77	60. 64	60. 52	60. 39
23. 7500	60. 26	60. 14	60. 01	59. 89	59. 76
24. 0000	59. 64	59. 51	59. 36	59. 17	58. 90
24. 2500	58. 55	58. 10	57. 52	56. 83	56. 01
24. 5000	55. 10	54. 10	53. 03	51. 89	50. 68
24. 7500	49. 45	48. 18	46. 88	45. 59	44. 24
25. 0000	42. 78	41. 26	39. 71	38. 13	36. 55
25. 2500	34. 97	33. 40	31. 86	30. 38	28. 97
25. 5000	27. 69	26. 51	25. 33	24. 14	22. 97
25. 7500	21. 82	20. 71	19. 64	18. 61	17. 62
26. 0000	16. 70	15. 85	15. 07	14. 35	13. 77
26. 2500	13. 25	12. 73	12. 22	11. 70	11. 20
26. 5000	10. 71	10. 23	9. 76	9. 30	8. 86
26. 7500	8. 44	8. 05	7. 67	7. 31	6. 97
27. 0000	6. 65	6. 35	6. 06	5. 79	5. 54
27. 2500	5. 30	5. 09	4. 91	4. 74	4. 59
27. 5000	4. 45	4. 35	4. 28	4. 21	4. 14
27. 7500	4. 06	3. 99	3. 91	3. 83	3. 75
28. 0000	3. 67	3. 60	3. 52	3. 44	3. 36
28. 2500	3. 28	3. 21	3. 13	3. 05	2. 98
28. 5000	2. 91	2. 83	2. 76	2. 69	2. 63
28. 7500	2. 56	2. 50	2. 43	2. 37	2. 31
29. 0000	2. 25	2. 19	2. 13	2. 08	2. 03
29. 2500	1. 97	1. 92	1. 87	1. 83	1. 78
29. 5000	1. 74	1. 69	1. 65	1. 61	1. 57
29. 7500	1. 53	1. 49	1. 45	1. 42	1. 38
30. 0000	1. 35	1. 32	1. 29	1. 25	1. 22
30. 2500	1. 20	1. 17	1. 14	1. 11	1. 09
30. 5000	1. 06	1. 04	1. 02	. 99	. 97
30. 7500	. 95	. 93	. 91	. 89	. 87
31. 0000	. 85	. 83	. 81	. 80	. 78
31. 2500	. 76	. 75	. 73	. 72	. 70
31. 5000	. 69	. 67	. 66	. 65	. 63
31. 7500	. 62	. 61	. 60	. 59	. 57
32. 0000	. 56	. 55	. 54	. 53	. 52
32. 2500	. 51	. 50	. 49	. 48	. 47
32. 5000	. 47	. 46	. 45	. 44	. 43
32. 7500	. 42	. 42	. 41	. 40	. 39
33. 0000	. 39	. 38	. 37	. 37	. 36
33. 2500	. 35	. 35	. 34	. 33	. 33
33. 5000	. 32	. 32	. 31	. 31	. 30
33. 7500	. 30	. 29	. 29	. 28	. 28
34. 0000	. 27	. 27	. 26	. 26	. 25
34. 2500	. 25	. 24	. 24	. 23	. 23

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Type... Node: Addition Summary

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asbuilt basin 1 2 and 4.txt

Name... J6

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
34. 5000	.23	.22	.22	.22	.21
34. 7500	.21	.20	.20	.20	.19
35. 0000	.19	.19	.18	.18	.18
35. 2500	.17	.17	.17	.17	.16
35. 5000	.16	.16	.15	.15	.15
35. 7500	.15	.14	.14	.14	.14
36. 0000	.13	.13	.13	.13	.13
36. 2500	.12	.12	.12	.12	.12
36. 5000	.11	.11	.11	.11	.11
36. 7500	.10	.10	.10	.10	.10
37. 0000	.10	.09	.09	.09	.09
37. 2500	.09	.09	.08	.08	.08
37. 5000	.08	.08	.08	.08	.07
37. 7500	.07	.07	.07	.07	.07
38. 0000	.07	.07	.07	.06	.06
38. 2500	.06	.06	.06	.06	.06
38. 5000	.06	.06	.05	.05	.05
38. 7500	.05	.05	.05	.05	.05
39. 0000	.05	.05	.05	.05	.04
39. 2500	.04	.04	.04	.04	.04
39. 5000	.04	.04	.04	.04	.04
39. 7500	.04	.04	.04	.04	.03
40. 0000	.03	.03	.03	.03	.03
40. 2500	.03	.03	.03	.03	.03
40. 5000	.03	.03	.03	.03	.03
40. 7500	.03	.03	.03	.02	.02
41. 0000	.02	.02	.02	.02	.02
41. 2500	.02	.02	.02	.02	.02
41. 5000	.02	.02	.02	.02	.02
41. 7500	.02	.02	.02	.02	.02
42. 0000	.02	.02	.02	.02	.02
42. 2500	.02	.02	.02	.01	.01
42. 5000	.01	.01	.01	.01	.01
42. 7500	.01	.01	.01	.01	.01
43. 0000	.01	.01	.01	.01	.01
43. 2500	.01	.01	.01	.01	.01
43. 5000	.01	.01	.01	.01	.01
43. 7500	.01	.01	.01	.01	.01
44. 0000	.01	.01	.01	.01	.01
44. 2500	.01	.01	.01	.01	.01
44. 5000	.01	.01	.01	.01	.01
44. 7500	.01	.01	.01	.01	.01
45. 0000	.01	.01	.01	.01	.01
45. 2500	.01	.01	.01	.01	.01
45. 5000	.01	.01	.01	.01	.01

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Type... Node: Addition Summary

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Name... J6

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25



asbuilt basin 1 2 and 4.txt

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

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Time hrs					
45.7500	.01	.01	.01	.01	.01
46.0000	.01	.01	.01	.01	.01
46.2500	.01	.01	.01	.01	.01
46.5000	.01	.01	.01	.01	.01
46.7500	.01	.01	.01	.01	.01
47.0000	.01	.01	.01	.01	.01
47.2500	.01	.01	.01	.01	.01
47.5000	.01	.01	.01	.01	.01
47.7500	.01	.01	.01	.01	.01
48.0000	.01	.01	.01	.01	.01
48.2500	.01	.01	.01	.01	.01
48.5000	.01	.01	.01	.01	.01
48.7500	.01	.01	.01	.01	.01
49.0000	.01	.01	.01	.01	.01
49.2500	.01	.01	.01	.01	.01
49.5000	.01	.01	.01	.01	.01
49.7500	.01	.01	.01	.01	.01
50.0000	.01	.01	.01	.01	.01
50.2500	.01	.01	.01	.01	.01
50.5000	.01	.01	.01	.01	.01
50.7500	.01	.01	.01	.01	.01
51.0000	.01	.01	.01	.01	.01
51.2500	.01	.01	.01	.01	.01
51.5000	.01	.01	.01	.01	.01
51.7500	.01	.01	.01	.01	.01
52.0000	.01	.01	.01	.01	.01
52.2500	.01	.01	.01	.01	.01
52.5000	.01	.01	.01	.01	.01
52.7500	.01	.01	.01	.01	.01
53.0000	.01	.01	.01	.01	.01
53.2500	.01	.01	.01	.01	.01
53.5000	.01	.01	.01	.01	.01
53.7500	.01	.01	.01	.01	.01
54.0000	.01	.01	.01	.01	.01
54.2500	.01	.01	.01	.01	.01
54.5000	.01	.01	.01	.01	.01
54.7500	.01	.01	.01	.01	.01
55.0000	.01	.01	.01	.01	.01
55.2500	.01	.01	.01	.01	.01
55.5000	.01	.01	.01	.01	.01
55.7500	.01	.01	.01	.01	.01
56.0000	.01	.01	.01	.01	.01
56.2500	.01	.01	.01	.01	.01
56.5000	.01	.01	.01	.01	.01
56.7500	.01	.01	.01	.01	.01

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Type... Node: Addition Summary

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Name... J6

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs |

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asbuilt basin 1 2 and 4.txt

57.0000	.01	.01	.01	.01	.01
57.2500	.01	.01	.01	.01	.01
57.5000	.01	.01	.01	.01	.01
57.7500	.01	.01	.01	.01	.01
58.0000	.01	.01	.01	.01	.01
58.2500	.01	.01	.01	.01	.01
58.5000	.01	.01	.01	.01	.01
58.7500	.01	.01	.01	.01	.01
59.0000	.01	.01	.01	.01	.01
59.2500	.01	.01	.01	.01	.01
59.5000	.01	.01	.01	.01	.01
59.7500	.00	.00	.00	.00	.00
60.0000	.00	.00	.00	.00	.00
60.2500	.00	.00	.00	.00	.00
60.5000	.00	.00	.00	.00	.00
60.7500	.00	.00	.00	.00	.00
61.0000	.00	.00	.00	.00	.00
61.2500	.00	.00	.00	.00	.00
61.5000	.00	.00	.00	.00	.00
61.7500	.00	.00	.00	.00	.00
62.0000	.00	.00	.00	.00	.00
62.2500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... J6

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: J6

HYG Directory: \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ROUTE 20	BASIN4	IN	ROUTE 20	100
REACH 40	J5		REACH 40	100

INFLOWS TO: J6

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	ROUTE 20	100	145662	12.5500	11.52
	REACH 40	100	16545610	12.8500	1689.99

TOTAL FLOW INTO: J6

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	J6	100	16691270	12.8500	1701.15

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

Name... J6

Event: 100 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

TOTAL NODE INFLOW...

HYG file =

HYG ID = J6

HYG Tag = 100

-----  
Peak Discharge = 1701.15 cfs

Time to Peak = 12.8500 hrs

HYG Volume = 16691270 cu. ft  
-----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
3. 6000	.00	.00	.00	.00	.00
3. 8500	.01	.01	.01	.03	.06
4. 1000	.09	.11	.14	.17	.20
4. 3500	.23	.26	.30	.33	.36
4. 6000	.40	.44	.48	.52	.56
4. 8500	.60	.64	.69	.74	.78
5. 1000	.83	.88	.94	.99	1.04
5. 3500	1.10	1.16	1.21	1.27	1.33
5. 6000	1.40	1.46	1.53	1.59	1.66
5. 8500	1.73	1.80	1.88	1.95	2.03
6. 1000	2.11	2.19	2.28	2.36	2.45
6. 3500	2.54	2.63	2.73	2.83	2.93
6. 6000	3.03	3.14	3.24	3.35	3.47
6. 8500	3.60	3.74	3.89	4.05	4.22
7. 1000	4.40	4.73	5.04	5.33	5.60
7. 3500	5.86	6.12	6.36	6.60	6.84
7. 6000	7.08	7.32	7.58	7.85	8.13
7. 8500	8.42	8.73	9.05	9.39	9.75
8. 1000	10.13	10.53	10.95	11.39	11.85
8. 3500	12.33	12.84	13.38	13.98	14.73
8. 6000	15.56	16.39	17.22	18.07	18.93
8. 8500	19.81	20.70	21.61	22.54	23.50
9. 1000	24.49	25.51	26.56	27.66	28.87
9. 3500	30.27	31.65	33.03	34.41	35.79
9. 6000	37.18	38.58	39.98	41.39	42.82
9. 8500	44.26	45.72	47.26	48.98	50.72
10. 1000	52.47	54.24	56.05	57.88	59.77
10. 3500	61.70	63.70	65.77	67.91	70.17
10. 6000	72.68	75.26	77.90	80.61	83.41
10. 8500	86.32	89.37	92.57	95.94	99.72
11. 1000	103.72	107.92	112.33	117.00	121.96

S/N:

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Compute Time:

Date:

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Type... Node: Addition Summary

Name... J6

Event: 100 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

asbuilt basin 1 2 and 4.txt

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
11. 3500	127. 25	133. 26	139. 70	146. 58	153. 91
11. 6000	161. 92	171. 41	182. 66	196. 49	214. 52
11. 8500	238. 42	270. 64	313. 80	371. 12	444. 29
12. 1000	532. 56	633. 37	741. 81	854. 34	969. 27
12. 3500	1082. 16	1187. 88	1285. 12	1374. 60	1455. 02
12. 6000	1525. 22	1585. 61	1633. 88	1669. 51	1691. 93
12. 8500	1701. 15	1697. 79	1682. 96	1657. 82	1623. 90
13. 1000	1581. 99	1533. 47	1480. 75	1424. 59	1366. 91
13. 3500	1308. 90	1251. 67	1196. 07	1142. 57	1091. 74
13. 6000	1043. 53	998. 26	955. 20	914. 89	875. 81
13. 8500	838. 95	804. 32	772. 01	742. 52	714. 53
14. 1000	688. 12	663. 72	640. 37	618. 09	597. 33
14. 3500	577. 74	558. 99	541. 10	524. 48	508. 61
14. 6000	493. 11	477. 96	463. 33	449. 41	435. 95
14. 8500	422. 96	410. 66	399. 03	387. 79	377. 50
15. 1000	367. 89	358. 92	350. 52	342. 73	335. 48
15. 3500	328. 54	321. 88	315. 53	309. 50	303. 74
15. 6000	298. 15	292. 65	287. 30	281. 76	276. 05
15. 8500	270. 18	264. 24	258. 33	252. 49	246. 74
16. 1000	241. 24	235. 95	230. 77	225. 75	220. 93
16. 3500	216. 35	212. 02	207. 90	203. 96	200. 21
16. 6000	196. 76	193. 40	190. 17	187. 06	184. 08
16. 8500	181. 22	178. 48	175. 87	173. 40	171. 06
17. 1000	168. 82	166. 66	164. 60	162. 61	160. 74
17. 3500	158. 98	157. 26	155. 60	154. 00	152. 47
17. 6000	151. 00	149. 58	148. 22	146. 90	145. 63
17. 8500	144. 39	143. 19	142. 02	140. 88	139. 77
18. 1000	138. 68	137. 62	136. 60	135. 61	134. 63
18. 3500	133. 67	132. 72	131. 78	130. 85	129. 93
18. 6000	129. 02	128. 12	127. 22	126. 34	125. 50
18. 8500	124. 65	123. 79	122. 94	122. 08	121. 23
19. 1000	120. 39	119. 54	118. 70	117. 86	117. 03
19. 3500	116. 21	115. 39	114. 58	113. 77	112. 97
19. 6000	112. 17	111. 37	110. 57	109. 78	108. 98
19. 8500	108. 19	107. 39	106. 60	105. 81	105. 01
20. 1000	104. 23	103. 46	102. 70	101. 94	101. 19
20. 3500	100. 43	99. 68	98. 92	98. 16	97. 40
20. 6000	96. 65	95. 92	95. 24	94. 57	93. 90
20. 8500	93. 25	92. 61	91. 99	91. 39	90. 80
21. 1000	90. 24	89. 70	89. 17	88. 67	88. 19
21. 3500	87. 73	87. 28	86. 86	86. 45	86. 06
21. 6000	85. 69	85. 34	85. 00	84. 67	84. 36
21. 8500	84. 06	83. 77	83. 49	83. 23	82. 97
22. 1000	82. 73	82. 49	82. 26	82. 03	81. 81
22. 3500	81. 60	81. 39	81. 18	80. 98	80. 78

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.101

Name... J6

Event: 100 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
22. 6000	80. 59	80. 40	80. 21	80. 02	79. 84

asbuilt basin 1 2 and 4.txt

22. 8500	79.66	79.48	79.30	79.13	78.96
23. 1000	78.79	78.62	78.45	78.28	78.11
23. 3500	77.95	77.78	77.62	77.46	77.29
23. 6000	77.13	76.97	76.81	76.65	76.49
23. 8500	76.33	76.17	76.01	75.85	75.69
24. 1000	75.49	75.24	74.91	74.46	73.86
24. 3500	73.09	72.15	71.07	69.84	68.52
24. 6000	67.18	65.73	64.18	62.53	60.78
24. 8500	58.94	57.04	55.08	53.02	50.91
25. 1000	48.83	46.77	44.90	43.03	41.11
25. 3500	39.20	37.29	35.41	33.58	31.81
25. 6000	30.16	28.58	27.24	25.95	24.67
25. 8500	23.42	22.20	21.02	19.90	18.82
26. 1000	17.79	16.83	15.96	15.16	14.41
26. 3500	13.81	13.28	12.75	12.23	11.72
26. 6000	11.21	10.71	10.23	9.76	9.30
26. 8500	8.86	8.44	8.04	7.67	7.31
27. 1000	6.97	6.65	6.35	6.06	5.80
27. 3500	5.54	5.31	5.10	4.91	4.75
27. 6000	4.60	4.46	4.35	4.28	4.21
27. 8500	4.14	4.07	3.99	3.92	3.84
28. 1000	3.76	3.68	3.60	3.52	3.45
28. 3500	3.37	3.29	3.21	3.14	3.06
28. 6000	2.99	2.92	2.84	2.77	2.71
28. 8500	2.64	2.57	2.51	2.44	2.38
29. 1000	2.32	2.26	2.20	2.15	2.09
29. 3500	2.04	1.99	1.94	1.89	1.84
29. 6000	1.80	1.75	1.71	1.66	1.62
29. 8500	1.58	1.54	1.51	1.47	1.43
30. 1000	1.40	1.37	1.33	1.30	1.27
30. 3500	1.24	1.21	1.18	1.16	1.13
30. 6000	1.11	1.08	1.06	1.03	1.01
30. 8500	.99	.97	.94	.92	.90
31. 1000	.89	.87	.85	.83	.81
31. 3500	.80	.78	.76	.75	.73
31. 6000	.72	.70	.69	.67	.66
31. 8500	.65	.64	.62	.61	.60
32. 1000	.59	.58	.57	.55	.54
32. 3500	.53	.52	.51	.50	.49
32. 6000	.49	.48	.47	.46	.45
32. 8500	.44	.43	.43	.42	.41
33. 1000	.40	.40	.39	.38	.38
33. 3500	.37	.36	.36	.35	.34
33. 6000	.34	.33	.33	.32	.31

S/N:

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Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.102

Name... J6

Event: 100 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
33. 8500	.31	.30	.30	.29	.29
34. 1000	.28	.28	.27	.27	.26
34. 3500	.26	.25	.25	.25	.24
34. 6000	.24	.23	.23	.22	.22
34. 8500	.22	.21	.21	.21	.20

asbuilt basin 1 2 and 4.txt

35. 1000	.20	.20	.19	.19	.19
35. 3500	.18	.18	.18	.17	.17
35. 6000	.17	.16	.16	.16	.16
35. 8500	.15	.15	.15	.15	.14
36. 1000	.14	.14	.14	.13	.13
36. 3500	.13	.13	.12	.12	.12
36. 6000	.12	.12	.11	.11	.11
36. 8500	.11	.11	.10	.10	.10
37. 1000	.10	.10	.10	.09	.09
37. 3500	.09	.09	.09	.09	.09
37. 6000	.08	.08	.08	.08	.08
37. 8500	.08	.08	.07	.07	.07
38. 1000	.07	.07	.07	.07	.07
38. 3500	.06	.06	.06	.06	.06
38. 6000	.06	.06	.06	.06	.06
38. 8500	.05	.05	.05	.05	.05
39. 1000	.05	.05	.05	.05	.05
39. 3500	.05	.05	.04	.04	.04
39. 6000	.04	.04	.04	.04	.04
39. 8500	.04	.04	.04	.04	.04
40. 1000	.04	.03	.03	.03	.03
40. 3500	.03	.03	.03	.03	.03
40. 6000	.03	.03	.03	.03	.03
40. 8500	.03	.03	.03	.03	.03
41. 1000	.03	.02	.02	.02	.02
41. 3500	.02	.02	.02	.02	.02
41. 6000	.02	.02	.02	.02	.02
41. 8500	.02	.02	.02	.02	.02
42. 1000	.02	.02	.02	.02	.02
42. 3500	.02	.02	.02	.02	.02
42. 6000	.01	.01	.01	.01	.01
42. 8500	.01	.01	.01	.01	.01
43. 1000	.01	.01	.01	.01	.01
43. 3500	.01	.01	.01	.01	.01
43. 6000	.01	.01	.01	.01	.01
43. 8500	.01	.01	.01	.01	.01
44. 1000	.01	.01	.01	.01	.01
44. 3500	.01	.01	.01	.01	.01
44. 6000	.01	.01	.01	.01	.01
44. 8500	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type.... Node: Addition Summary

Page 10.103

Name.... J6

Event: 100 yr

File.... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
45. 1000	.01	.01	.01	.01	.01
45. 3500	.01	.01	.01	.01	.01
45. 6000	.01	.01	.01	.01	.01
45. 8500	.01	.01	.01	.01	.01
46. 1000	.01	.01	.01	.01	.01
46. 3500	.01	.01	.01	.01	.01
46. 6000	.01	.01	.01	.01	.01
46. 8500	.01	.01	.01	.01	.01
47. 1000	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

47. 3500	.01	.01	.01	.01	.01
47. 6000	.01	.01	.01	.01	.01
47. 8500	.01	.01	.01	.01	.01
48. 1000	.01	.01	.01	.01	.01
48. 3500	.01	.01	.01	.01	.01
48. 6000	.01	.01	.01	.01	.01
48. 8500	.01	.01	.01	.01	.01
49. 1000	.01	.01	.01	.01	.01
49. 3500	.01	.01	.01	.01	.01
49. 6000	.01	.01	.01	.01	.01
49. 8500	.01	.01	.01	.01	.01
50. 1000	.01	.01	.01	.01	.01
50. 3500	.01	.01	.01	.01	.01
50. 6000	.01	.01	.01	.01	.01
50. 8500	.01	.01	.01	.01	.01
51. 1000	.01	.01	.01	.01	.01
51. 3500	.01	.01	.01	.01	.01
51. 6000	.01	.01	.01	.01	.01
51. 8500	.01	.01	.01	.01	.01
52. 1000	.01	.01	.01	.01	.01
52. 3500	.01	.01	.01	.01	.01
52. 6000	.01	.01	.01	.01	.01
52. 8500	.01	.01	.01	.01	.01
53. 1000	.01	.01	.01	.01	.01
53. 3500	.01	.01	.01	.01	.01
53. 6000	.01	.01	.01	.01	.01
53. 8500	.01	.01	.01	.01	.01
54. 1000	.01	.01	.01	.01	.01
54. 3500	.01	.01	.01	.01	.01
54. 6000	.01	.01	.01	.01	.01
54. 8500	.01	.01	.01	.01	.01
55. 1000	.01	.01	.01	.01	.01
55. 3500	.01	.01	.01	.01	.01
55. 6000	.01	.01	.01	.01	.01
55. 8500	.01	.01	.01	.01	.01
56. 1000	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.104

Name... J6

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
56. 3500	.01	.01	.01	.01	.01
56. 6000	.01	.01	.01	.01	.01
56. 8500	.01	.01	.01	.01	.01
57. 1000	.01	.01	.01	.01	.01
57. 3500	.01	.01	.01	.01	.01
57. 6000	.01	.01	.01	.01	.01
57. 8500	.01	.01	.01	.01	.01
58. 1000	.01	.01	.01	.01	.01
58. 3500	.01	.01	.01	.01	.01
58. 6000	.01	.01	.01	.01	.01
58. 8500	.01	.01	.01	.01	.01
59. 1000	.01	.01	.01	.01	.01
59. 3500	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

59. 6000	.01	.01	.01	.01	.01
59. 8500	.01	.01	.01	.00	.00
60. 1000	.00	.00	.00	.00	.00
60. 3500	.00	.00	.00	.00	.00
60. 6000	.00	.00	.00	.00	.00
60. 8500	.00	.00	.00	.00	.00
61. 1000	.00	.00	.00	.00	.00
61. 3500	.00	.00	.00	.00	.00
61. 6000	.00	.00	.00	.00	.00
61. 8500	.00	.00	.00	.00	.00
62. 1000	.00	.00	.00	.00	.00
62. 3500	.00	.00	.00	.00	.00

S/N:  
 PondPack Ver:                                      Compute Time:                                      Date:

♀  
 Type.... Node: Addition Summary                                      Page 10.105  
 Name.... OUT1                                      Event: 15 yr  
 File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... TypeII 24hr Tag: 15

SUMMARY FOR HYDROGRAPH ADDITION  
 at Node: OUT1

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
REACH 60	J6		REACH 60	15
ADDLINK 110	BYPASS2		BYPASS2	15

INFLOWS TO: OUT1

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	REACH 60	15	10834860	13.0000	1102.61
	BYPASS2	15	1339369	12.1500	345.44

TOTAL FLOW INTO: OUT1

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	OUT1	15	12174230	12.9500	1150.20

S/N:  
 PondPack Ver:                                      Compute Time:                                      Date:

♀  
 Type.... Node: Addition Summary                                      Page 10.106  
 Name.... OUT1                                      Event: 15 yr  
 File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... TypeII 24hr Tag: 15

TOTAL NODE INFLOW...  
 HYG file =  
 HYG ID = OUT1  
 HYG Tag = 15



asbuilt basin 1 2 and 4.txt

-----  
 Peak Discharge = 1150.20 cfs  
 Time to Peak = 12.9500 hrs  
 HYG Volume = 12174230 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
5.0500	.00	.00	.00	.00	.00
5.3000	.00	.01	.01	.01	.02
5.5500	.04	.06	.09	.11	.13
5.8000	.15	.18	.20	.23	.26
6.0500	.28	.31	.34	.37	.40
6.3000	.43	.46	.50	.53	.57
6.5500	.60	.64	.68	.71	.75
6.8000	.79	.83	.87	.92	.96
7.0500	1.00	1.05	1.10	1.14	1.19
7.3000	1.24	1.29	1.34	1.39	1.45
7.5500	1.50	1.56	1.63	1.70	1.78
7.8000	1.87	1.97	2.08	2.19	2.30
8.0500	2.42	2.54	2.67	2.80	2.93
8.3000	3.07	3.22	3.37	3.53	3.69
8.5500	3.86	4.04	4.23	4.43	4.65
8.8000	4.89	5.13	5.40	5.67	5.96
9.0500	6.26	6.59	7.07	7.53	7.99
9.3000	8.43	8.87	9.31	9.74	10.18
9.5500	10.63	11.09	11.56	12.06	12.59
9.8000	13.15	13.73	14.36	15.02	15.72
10.0500	16.49	17.32	18.21	19.15	20.26
10.3000	21.51	22.79	24.09	25.42	26.79
10.5500	28.19	29.65	31.16	32.76	34.49
10.8000	36.32	38.27	40.54	42.90	45.32
11.0500	47.83	50.44	53.19	56.15	59.38
11.3000	62.86	66.84	71.13	75.64	80.49
11.5500	86.07	93.17	102.89	117.05	136.79
11.8000	164.00	201.95	255.06	322.74	399.68
12.0500	474.80	540.27	592.34	631.70	663.10
12.3000	693.36	727.60	768.17	814.37	863.12
12.5500	912.09	959.34	1004.11	1044.49	1079.65

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... OUT1

Event: 15 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
12.8000	1108.10	1129.84	1143.91	1150.20	1148.99
13.0500	1140.72	1125.92	1105.36	1080.06	1050.98
13.3000	1018.58	983.76	947.80	910.52	873.09
13.5500	836.59	801.02	767.37	735.24	704.69
13.8000	676.12	648.66	622.44	597.66	573.71
14.0500	550.92	529.74	509.50	490.23	472.23
14.3000	455.14	438.92	423.63	409.58	396.28
14.5500	383.70	371.84	360.65	350.21	340.05

asbuilt basin 1 2 and 4.txt

14. 8000	330. 16	320. 56	311. 21	302. 32	293. 66
15. 0500	285. 18	276. 96	269. 07	261. 52	254. 48
15. 3000	247. 73	241. 24	235. 02	229. 10	223. 49
15. 5500	218. 19	213. 23	208. 60	204. 12	199. 80
15. 8000	195. 65	191. 68	187. 87	184. 22	180. 72
16. 0500	177. 37	174. 16	171. 20	168. 32	165. 52
16. 3000	162. 80	160. 19	157. 66	155. 24	152. 91
16. 5500	150. 68	148. 53	146. 47	144. 47	142. 56
16. 8000	140. 72	138. 95	137. 25	135. 67	134. 11
17. 0500	132. 58	131. 08	129. 63	128. 22	126. 85
17. 3000	125. 53	124. 25	123. 01	121. 81	120. 64
17. 5500	119. 52	118. 43	117. 37	116. 36	115. 38
17. 8000	114. 42	113. 50	112. 59	111. 70	110. 84
18. 0500	109. 99	109. 16	108. 34	107. 55	106. 78
18. 3000	106. 03	105. 29	104. 60	103. 91	103. 21
18. 5500	102. 52	101. 83	101. 15	100. 46	99. 78
18. 8000	99. 11	98. 44	97. 77	97. 11	96. 44
19. 0500	95. 79	95. 13	94. 49	93. 84	93. 20
19. 3000	92. 57	91. 94	91. 31	90. 69	90. 06
19. 5500	89. 44	88. 82	88. 20	87. 58	86. 96
19. 8000	86. 34	85. 72	85. 11	84. 49	83. 88
20. 0500	83. 27	82. 67	82. 07	81. 48	80. 90
20. 3000	80. 32	79. 76	79. 20	78. 65	78. 11
20. 5500	77. 58	77. 06	76. 55	76. 04	75. 58
20. 8000	75. 12	74. 65	74. 19	73. 73	73. 27
21. 0500	72. 82	72. 38	71. 95	71. 53	71. 12
21. 3000	70. 72	70. 33	69. 95	69. 59	69. 24
21. 5500	68. 90	68. 57	68. 26	67. 96	67. 66
21. 8000	67. 38	67. 11	66. 85	66. 60	66. 36
22. 0500	66. 13	65. 91	65. 69	65. 48	65. 28
22. 3000	65. 08	64. 89	64. 71	64. 53	64. 35
22. 5500	64. 18	64. 01	63. 85	63. 69	63. 53
22. 8000	63. 38	63. 23	63. 09	62. 94	62. 80
23. 0500	62. 66	62. 52	62. 39	62. 25	62. 12
23. 3000	61. 98	61. 85	61. 72	61. 59	61. 46
23. 5500	61. 33	61. 20	61. 07	60. 94	60. 81
23. 8000	60. 69	60. 56	60. 43	60. 31	60. 16

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Type... Node: Addition Summary

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Name... OUT1

Event: 15 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
24. 0500	59. 93	59. 55	58. 95	58. 10	57. 09
24. 3000	56. 04	55. 02	54. 06	53. 18	52. 33
24. 5500	51. 51	50. 67	49. 80	48. 91	48. 00
24. 8000	47. 07	46. 14	45. 20	44. 19	43. 10
25. 0500	41. 95	40. 74	39. 48	38. 19	36. 88
25. 3000	35. 55	34. 23	32. 92	31. 65	30. 42
25. 5500	29. 21	28. 05	27. 04	26. 01	24. 98
25. 8000	23. 94	22. 91	21. 90	20. 90	19. 94
26. 0500	19. 01	18. 13	17. 30	16. 53	15. 81
26. 3000	15. 13	14. 49	13. 92	13. 46	12. 99
26. 5500	12. 52	12. 05	11. 59	11. 13	10. 68
26. 8000	10. 25	9. 82	9. 40	9. 00	8. 62

asbuilt basin 1 2 and 4.txt

27. 0500	8. 25	7. 89	7. 55	7. 22	6. 91
27. 3000	6. 62	6. 34	6. 09	5. 85	5. 63
27. 5500	5. 43	5. 25	5. 09	4. 94	4. 80
27. 8000	4. 67	4. 55	4. 43	4. 35	4. 29
28. 0500	4. 23	4. 17	4. 11	4. 05	3. 98
28. 3000	3. 92	3. 85	3. 78	3. 72	3. 65
28. 5500	3. 58	3. 51	3. 44	3. 38	3. 31
28. 8000	3. 24	3. 17	3. 11	3. 04	2. 97
29. 0500	2. 91	2. 85	2. 78	2. 72	2. 66
29. 3000	2. 60	2. 54	2. 48	2. 42	2. 37
29. 5500	2. 31	2. 26	2. 20	2. 15	2. 10
29. 8000	2. 05	2. 00	1. 95	1. 90	1. 86
30. 0500	1. 81	1. 77	1. 73	1. 69	1. 65
30. 3000	1. 61	1. 57	1. 53	1. 49	1. 46
30. 5500	1. 42	1. 39	1. 36	1. 33	1. 29
30. 8000	1. 26	1. 24	1. 21	1. 18	1. 15
31. 0500	1. 12	1. 10	1. 07	1. 05	1. 03
31. 3000	1. 00	. 98	. 96	. 94	. 92
31. 5500	. 90	. 88	. 86	. 84	. 82
31. 8000	. 80	. 79	. 77	. 75	. 74
32. 0500	. 72	. 71	. 69	. 68	. 66
32. 3000	. 65	. 64	. 62	. 61	. 60
32. 5500	. 59	. 58	. 56	. 55	. 54
32. 8000	. 53	. 52	. 51	. 50	. 49
33. 0500	. 48	. 47	. 46	. 46	. 45
33. 3000	. 44	. 43	. 42	. 41	. 41
33. 5500	. 40	. 39	. 38	. 38	. 37
33. 8000	. 36	. 36	. 35	. 34	. 34
34. 0500	. 33	. 33	. 32	. 31	. 31
34. 3000	. 30	. 30	. 29	. 29	. 28
34. 5500	. 28	. 27	. 27	. 26	. 26
34. 8000	. 25	. 25	. 24	. 24	. 24
35. 0500	. 23	. 23	. 22	. 22	. 22

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.109

Name... OUT1

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
35. 3000	. 21	. 21	. 20	. 20	. 20
35. 5500	. 19	. 19	. 19	. 18	. 18
35. 8000	. 18	. 17	. 17	. 17	. 17
36. 0500	. 16	. 16	. 16	. 15	. 15
36. 3000	. 15	. 15	. 14	. 14	. 14
36. 5500	. 14	. 13	. 13	. 13	. 13
36. 8000	. 13	. 12	. 12	. 12	. 12
37. 0500	. 12	. 11	. 11	. 11	. 11
37. 3000	. 11	. 10	. 10	. 10	. 10
37. 5500	. 10	. 10	. 09	. 09	. 09
37. 8000	. 09	. 09	. 09	. 08	. 08
38. 0500	. 08	. 08	. 08	. 08	. 08
38. 3000	. 07	. 07	. 07	. 07	. 07
38. 5500	. 07	. 07	. 07	. 07	. 06
38. 8000	. 06	. 06	. 06	. 06	. 06
39. 0500	. 06	. 06	. 06	. 05	. 05

asbuilt basin 1 2 and 4.txt

39. 3000	.05	.05	.05	.05	.05
39. 5500	.05	.05	.05	.05	.05
39. 8000	.04	.04	.04	.04	.04
40. 0500	.04	.04	.04	.04	.04
40. 3000	.04	.04	.04	.04	.04
40. 5500	.03	.03	.03	.03	.03
40. 8000	.03	.03	.03	.03	.03
41. 0500	.03	.03	.03	.03	.03
41. 3000	.03	.03	.03	.03	.02
41. 5500	.02	.02	.02	.02	.02
41. 8000	.02	.02	.02	.02	.02
42. 0500	.02	.02	.02	.02	.02
42. 3000	.02	.02	.02	.02	.02
42. 5500	.02	.02	.02	.02	.02
42. 8000	.02	.02	.02	.02	.01
43. 0500	.01	.01	.01	.01	.01
43. 3000	.01	.01	.01	.01	.01
43. 5500	.01	.01	.01	.01	.01
43. 8000	.01	.01	.01	.01	.01
44. 0500	.01	.01	.01	.01	.01
44. 3000	.01	.01	.01	.01	.01
44. 5500	.01	.01	.01	.01	.01
44. 8000	.01	.01	.01	.01	.01
45. 0500	.01	.01	.01	.01	.01
45. 3000	.01	.01	.01	.01	.01
45. 5500	.01	.01	.01	.01	.01
45. 8000	.01	.01	.01	.01	.01
46. 0500	.01	.01	.01	.01	.01
46. 3000	.01	.01	.01	.01	.01

S/N:

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Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.110

Name... OUT1

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
46. 5500	.01	.01	.01	.01	.01
46. 8000	.01	.01	.01	.01	.01
47. 0500	.01	.01	.01	.01	.01
47. 3000	.01	.01	.01	.01	.01
47. 5500	.01	.01	.01	.01	.01
47. 8000	.01	.01	.01	.01	.01
48. 0500	.01	.01	.01	.01	.01
48. 3000	.01	.01	.01	.01	.01
48. 5500	.01	.01	.01	.01	.01
48. 8000	.01	.01	.01	.01	.01
49. 0500	.01	.01	.01	.01	.01
49. 3000	.01	.01	.01	.01	.01
49. 5500	.01	.01	.01	.01	.01
49. 8000	.01	.01	.01	.01	.01
50. 0500	.01	.01	.01	.01	.01
50. 3000	.01	.01	.01	.01	.01
50. 5500	.01	.01	.01	.01	.01
50. 8000	.01	.01	.01	.01	.01
51. 0500	.01	.01	.01	.01	.01
51. 3000	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

51. 5500	.01	.01	.01	.01	.01	.01
51. 8000	.01	.01	.01	.01	.01	.01
52. 0500	.01	.01	.01	.01	.01	.01
52. 3000	.01	.01	.01	.01	.01	.01
52. 5500	.01	.01	.01	.01	.01	.01
52. 8000	.01	.01	.01	.01	.01	.01
53. 0500	.01	.01	.01	.01	.01	.01
53. 3000	.01	.01	.01	.01	.01	.01
53. 5500	.01	.01	.01	.01	.01	.01
53. 8000	.01	.01	.01	.01	.01	.01
54. 0500	.01	.01	.01	.01	.01	.01
54. 3000	.01	.01	.01	.01	.01	.01
54. 5500	.01	.01	.01	.01	.01	.01
54. 8000	.01	.01	.01	.01	.01	.01
55. 0500	.01	.01	.01	.01	.01	.01
55. 3000	.01	.01	.01	.01	.01	.01
55. 5500	.01	.01	.01	.01	.01	.01
55. 8000	.01	.01	.01	.01	.01	.01
56. 0500	.01	.01	.01	.01	.01	.01
56. 3000	.01	.01	.01	.01	.01	.01
56. 5500	.01	.01	.01	.01	.01	.01
56. 8000	.01	.01	.01	.01	.01	.01
57. 0500	.01	.01	.01	.01	.01	.01
57. 3000	.01	.01	.01	.01	.01	.01
57. 5500	.01	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... OUT1

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

57. 8000	.01	.01	.01	.01	.01	.01
58. 0500	.01	.01	.01	.01	.01	.01
58. 3000	.01	.01	.01	.01	.01	.01
58. 5500	.01	.01	.01	.01	.01	.01
58. 8000	.01	.01	.01	.01	.01	.01
59. 0500	.01	.01	.01	.01	.01	.01
59. 3000	.01	.01	.01	.01	.01	.01
59. 5500	.01	.01	.01	.01	.01	.01
59. 8000	.01	.01	.01	.01	.01	.01
60. 0500	.01	.01	.01	.01	.01	.01
60. 3000	.01	.01	.01	.01	.01	.01
60. 5500	.01	.01	.01	.01	.01	.01
60. 8000	.01	.01	.01	.01	.01	.01
61. 0500	.01	.01	.01	.01	.01	.01
61. 3000	.01	.01	.01	.01	.01	.01
61. 5500	.01	.01	.01	.01	.01	.01
61. 8000	.01	.01	.01	.01	.01	.01
62. 0500	.01	.01	.01	.01	.01	.01
62. 3000	.01	.01	.01	.01	.01	.01
62. 5500	.01	.01	.01	.01	.01	.01
62. 8000	.01	.01	.01	.01	.01	.01
63. 0500	.01	.01	.01	.01	.01	.01
63. 3000	.01	.01	.01	.01	.01	.01
63. 5500	.01	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

63.8000	.00	.00	.00	.00	.00
64.0500	.00	.00	.00	.00	.00
64.3000	.00	.00	.00	.00	.00
64.5500	.00	.00	.00	.00	.00
64.8000	.00	.00	.00	.00	.00
65.0500	.00	.00	.00	.00	.00
65.3000	.00	.00	.00	.00	.00
65.5500	.00	.00	.00	.00	.00
65.8000	.00	.00	.00	.00	.00
66.0500	.00	.00	.00	.00	.00
66.3000	.00	.00	.00	.00	.00
66.5500	.00	.00	.00	.00	.00
66.8000	.00	.00	.00	.00	.00
67.0500	.00	.00	.00	.00	.00
67.3000	.00	.00	.00	.00	.00

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Type... Node: Addition Summary

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Name... OUT1

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: OUT1

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
REACH 60	J6		REACH 60	25
ADDLINK 110	BYPASS2		BYPASS2	25

INFLOWS TO: OUT1

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	REACH 60	25	12427490	12.9500	1263.42
	BYPASS2	25	1540566	12.1500	397.19

TOTAL FLOW INTO: OUT1

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	OUT1	25	13968050	12.9500	1319.25

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Node: Addition Summary

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Name... OUT1

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

TOTAL NODE INFLOW...

asbuilt basin 1 2 and 4.txt

HYG file =  
 HYG ID = OUT1  
 HYG Tag = 25

-----  
 Peak Discharge = 1319.25 cfs  
 Time to Peak = 12.9500 hrs  
 HYG Volume = 13968050 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
4.7500	.00	.00	.00	.00	.00
5.0000	.01	.01	.01	.02	.04
5.2500	.06	.08	.11	.13	.15
5.5000	.18	.21	.23	.26	.29
5.7500	.32	.35	.38	.41	.45
6.0000	.48	.52	.55	.59	.63
6.2500	.67	.71	.75	.79	.83
6.5000	.87	.92	.96	1.01	1.06
6.7500	1.11	1.16	1.21	1.26	1.31
7.0000	1.37	1.42	1.48	1.55	1.62
7.2500	1.70	1.79	1.89	1.99	2.11
7.5000	2.23	2.35	2.48	2.61	2.74
7.7500	2.88	3.02	3.17	3.31	3.46
8.0000	3.61	3.77	3.94	4.11	4.29
8.2500	4.49	4.70	4.93	5.17	5.42
8.5000	5.69	5.96	6.24	6.67	7.12
8.7500	7.55	7.98	8.41	8.84	9.29
9.0000	9.73	10.20	10.67	11.15	11.65
9.2500	12.17	12.69	13.23	13.79	14.36
9.5000	14.96	15.59	16.27	17.01	17.81
9.7500	18.65	19.63	20.78	21.94	23.12
10.0000	24.32	25.53	26.77	28.04	29.34
10.2500	30.69	32.11	33.62	35.20	36.86
10.5000	38.77	40.75	42.76	44.81	46.92
10.7500	49.10	51.37	53.75	56.26	58.94
11.0000	61.79	65.00	68.33	71.80	75.48
11.2500	79.37	83.56	88.09	92.98	98.49
11.5000	104.37	111.07	119.53	131.12	147.62
11.7500	171.18	203.43	248.19	310.18	389.12
12.0000	478.41	565.54	641.53	701.94	747.28
12.2500	782.93	816.85	855.29	900.65	952.30

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Type... Node: Addition Summary

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Name... OUT1

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
12.5000	1006.94	1062.10	1115.45	1165.07	1210.01
12.7500	1248.28	1279.12	1301.26	1314.66	1319.25
13.0000	1315.36	1303.52	1284.36	1258.64	1227.44
13.2500	1192.00	1153.80	1113.19	1071.56	1029.81
13.5000	987.94	947.10	906.82	867.93	830.88

asbuilt basin 1 2 and 4.txt

13. 7500	795. 51	762. 68	731. 48	702. 13	674. 75
14. 0000	648. 70	624. 04	600. 78	578. 28	556. 67
14. 2500	536. 39	516. 83	498. 26	480. 83	464. 51
14. 5000	448. 85	433. 98	420. 02	407. 14	394. 89
14. 7500	383. 32	372. 44	362. 22	352. 76	343. 63
15. 0000	334. 82	326. 28	317. 98	309. 86	302. 13
15. 2500	294. 45	286. 87	279. 47	272. 30	265. 41
15. 5000	258. 84	252. 65	246. 62	240. 81	235. 22
15. 7500	229. 87	224. 76	219. 90	215. 25	210. 95
16. 0000	206. 75	202. 67	198. 72	194. 92	191. 29
16. 2500	187. 82	184. 50	181. 34	178. 35	175. 49
16. 5000	172. 83	170. 29	167. 82	165. 42	163. 10
16. 7500	160. 84	158. 66	156. 55	154. 52	152. 57
17. 0000	150. 69	148. 87	147. 12	145. 43	143. 80
17. 2500	142. 23	140. 73	139. 28	137. 91	136. 61
17. 5000	135. 34	134. 09	132. 87	131. 68	130. 52
17. 7500	129. 40	128. 31	127. 25	126. 22	125. 22
18. 0000	124. 25	123. 29	122. 36	121. 44	120. 54
18. 2500	119. 66	118. 80	117. 95	117. 11	116. 29
18. 5000	115. 49	114. 70	113. 93	113. 16	112. 40
18. 7500	111. 65	110. 90	110. 14	109. 39	108. 64
19. 0000	107. 89	107. 15	106. 42	105. 69	104. 98
19. 2500	104. 30	103. 61	102. 91	102. 21	101. 51
19. 5000	100. 80	100. 10	99. 39	98. 68	97. 98
19. 7500	97. 27	96. 57	95. 86	95. 16	94. 46
20. 0000	93. 76	93. 07	92. 38	91. 69	91. 02
20. 2500	90. 35	89. 70	89. 05	88. 41	87. 79
20. 5000	87. 17	86. 55	85. 95	85. 35	84. 77
20. 7500	84. 20	83. 64	83. 10	82. 57	82. 05
21. 0000	81. 55	81. 05	80. 57	80. 10	79. 64
21. 2500	79. 20	78. 77	78. 35	77. 95	77. 57
21. 5000	77. 20	76. 85	76. 51	76. 20	75. 90
21. 7500	75. 60	75. 30	75. 02	74. 74	74. 47
22. 0000	74. 21	73. 95	73. 71	73. 47	73. 24
22. 2500	73. 02	72. 80	72. 59	72. 38	72. 18
22. 5000	71. 98	71. 79	71. 61	71. 43	71. 25
22. 7500	71. 07	70. 90	70. 73	70. 56	70. 40
23. 0000	70. 23	70. 07	69. 91	69. 76	69. 60
23. 2500	69. 45	69. 30	69. 15	69. 00	68. 85
23. 5000	68. 70	68. 55	68. 41	68. 26	68. 12

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Type... Node: Addition Summary

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Name... OUT1

Event: 25 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

23. 7500	67. 97	67. 83	67. 69	67. 54	67. 40
24. 0000	67. 24	66. 98	66. 56	65. 87	64. 92
24. 2500	63. 79	62. 61	61. 46	60. 38	59. 37
24. 5000	58. 41	57. 45	56. 48	55. 47	54. 42
24. 7500	53. 33	52. 20	51. 03	49. 84	48. 61
25. 0000	47. 33	46. 06	44. 81	43. 49	42. 12
25. 2500	40. 69	39. 24	37. 76	36. 28	34. 81
25. 5000	33. 36	31. 96	30. 62	29. 30	28. 05
25. 7500	26. 97	25. 88	24. 79	23. 71	22. 65



asbuilt basin 1 2 and 4.txt

26.0000	21.60	20.58	19.61	18.68	17.80
26.2500	16.98	16.22	15.50	14.83	14.19
26.5000	13.69	13.22	12.74	12.27	11.80
26.7500	11.34	10.88	10.44	10.00	9.58
27.0000	9.17	8.78	8.40	8.04	7.69
27.2500	7.35	7.04	6.74	6.46	6.19
27.5000	5.95	5.72	5.51	5.33	5.16
27.7500	5.00	4.86	4.72	4.60	4.48
28.0000	4.37	4.32	4.26	4.20	4.14
28.2500	4.07	4.01	3.94	3.88	3.81
28.5000	3.74	3.68	3.61	3.54	3.47
28.7500	3.40	3.34	3.27	3.20	3.14
29.0000	3.07	3.00	2.94	2.87	2.81
29.2500	2.75	2.69	2.63	2.57	2.51
29.5000	2.45	2.39	2.34	2.28	2.23
29.7500	2.18	2.12	2.07	2.02	1.98
30.0000	1.93	1.88	1.84	1.79	1.75
30.2500	1.71	1.67	1.63	1.59	1.55
30.5000	1.52	1.48	1.44	1.41	1.38
30.7500	1.34	1.31	1.28	1.25	1.22
31.0000	1.20	1.17	1.14	1.12	1.09
31.2500	1.07	1.04	1.02	1.00	.97
31.5000	.95	.93	.91	.89	.87
31.7500	.85	.83	.82	.80	.78
32.0000	.77	.75	.73	.72	.70
32.2500	.69	.68	.66	.65	.64
32.5000	.62	.61	.60	.59	.57
32.7500	.56	.55	.54	.53	.52
33.0000	.51	.50	.49	.48	.47
33.2500	.46	.45	.45	.44	.43
33.5000	.42	.41	.41	.40	.39
33.7500	.38	.38	.37	.36	.36
34.0000	.35	.34	.34	.33	.33
34.2500	.32	.31	.31	.30	.30
34.5000	.29	.29	.28	.28	.27
34.7500	.27	.26	.26	.25	.25

S/N:

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Type... Node: Addition Summary

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Name... OUT1

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
35.0000	.24	.24	.24	.23	.23
35.2500	.22	.22	.22	.21	.21
35.5000	.20	.20	.20	.19	.19
35.7500	.19	.18	.18	.18	.17
36.0000	.17	.17	.17	.16	.16
36.2500	.16	.15	.15	.15	.15
36.5000	.14	.14	.14	.14	.13
36.7500	.13	.13	.13	.13	.12
37.0000	.12	.12	.12	.12	.11
37.2500	.11	.11	.11	.11	.10
37.5000	.10	.10	.10	.10	.10
37.7500	.09	.09	.09	.09	.09
38.0000	.09	.08	.08	.08	.08

asbuilt basin 1 2 and 4.txt

38. 2500	.08	.08	.08	.07	.07
38. 5000	.07	.07	.07	.07	.07
38. 7500	.07	.07	.06	.06	.06
39. 0000	.06	.06	.06	.06	.06
39. 2500	.06	.05	.05	.05	.05
39. 5000	.05	.05	.05	.05	.05
39. 7500	.05	.05	.05	.04	.04
40. 0000	.04	.04	.04	.04	.04
40. 2500	.04	.04	.04	.04	.04
40. 5000	.04	.04	.04	.03	.03
40. 7500	.03	.03	.03	.03	.03
41. 0000	.03	.03	.03	.03	.03
41. 2500	.03	.03	.03	.03	.03
41. 5000	.03	.03	.02	.02	.02
41. 7500	.02	.02	.02	.02	.02
42. 0000	.02	.02	.02	.02	.02
42. 2500	.02	.02	.02	.02	.02
42. 5000	.02	.02	.02	.02	.02
42. 7500	.02	.02	.02	.02	.02
43. 0000	.02	.02	.01	.01	.01
43. 2500	.01	.01	.01	.01	.01
43. 5000	.01	.01	.01	.01	.01
43. 7500	.01	.01	.01	.01	.01
44. 0000	.01	.01	.01	.01	.01
44. 2500	.01	.01	.01	.01	.01
44. 5000	.01	.01	.01	.01	.01
44. 7500	.01	.01	.01	.01	.01
45. 0000	.01	.01	.01	.01	.01
45. 2500	.01	.01	.01	.01	.01
45. 5000	.01	.01	.01	.01	.01
45. 7500	.01	.01	.01	.01	.01
46. 0000	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.117

Name... OUT1

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
46. 2500	.01	.01	.01	.01	.01
46. 5000	.01	.01	.01	.01	.01
46. 7500	.01	.01	.01	.01	.01
47. 0000	.01	.01	.01	.01	.01
47. 2500	.01	.01	.01	.01	.01
47. 5000	.01	.01	.01	.01	.01
47. 7500	.01	.01	.01	.01	.01
48. 0000	.01	.01	.01	.01	.01
48. 2500	.01	.01	.01	.01	.01
48. 5000	.01	.01	.01	.01	.01
48. 7500	.01	.01	.01	.01	.01
49. 0000	.01	.01	.01	.01	.01
49. 2500	.01	.01	.01	.01	.01
49. 5000	.01	.01	.01	.01	.01
49. 7500	.01	.01	.01	.01	.01
50. 0000	.01	.01	.01	.01	.01
50. 2500	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

50.5000	.01	.01	.01	.01	.01	.01
50.7500	.01	.01	.01	.01	.01	.01
51.0000	.01	.01	.01	.01	.01	.01
51.2500	.01	.01	.01	.01	.01	.01
51.5000	.01	.01	.01	.01	.01	.01
51.7500	.01	.01	.01	.01	.01	.01
52.0000	.01	.01	.01	.01	.01	.01
52.2500	.01	.01	.01	.01	.01	.01
52.5000	.01	.01	.01	.01	.01	.01
52.7500	.01	.01	.01	.01	.01	.01
53.0000	.01	.01	.01	.01	.01	.01
53.2500	.01	.01	.01	.01	.01	.01
53.5000	.01	.01	.01	.01	.01	.01
53.7500	.01	.01	.01	.01	.01	.01
54.0000	.01	.01	.01	.01	.01	.01
54.2500	.01	.01	.01	.01	.01	.01
54.5000	.01	.01	.01	.01	.01	.01
54.7500	.01	.01	.01	.01	.01	.01
55.0000	.01	.01	.01	.01	.01	.01
55.2500	.01	.01	.01	.01	.01	.01
55.5000	.01	.01	.01	.01	.01	.01
55.7500	.01	.01	.01	.01	.01	.01
56.0000	.01	.01	.01	.01	.01	.01
56.2500	.01	.01	.01	.01	.01	.01
56.5000	.01	.01	.01	.01	.01	.01
56.7500	.01	.01	.01	.01	.01	.01
57.0000	.01	.01	.01	.01	.01	.01
57.2500	.01	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.118

Name... OUT1

Event: 25 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs						
57.5000	.01	.01	.01	.01	.01	.01
57.7500	.01	.01	.01	.01	.01	.01
58.0000	.01	.01	.01	.01	.01	.01
58.2500	.01	.01	.01	.01	.01	.01
58.5000	.01	.01	.01	.01	.01	.01
58.7500	.01	.01	.01	.01	.01	.01
59.0000	.01	.01	.01	.01	.01	.01
59.2500	.01	.01	.01	.01	.01	.01
59.5000	.01	.01	.01	.01	.01	.01
59.7500	.01	.01	.01	.01	.01	.01
60.0000	.01	.01	.01	.01	.01	.01
60.2500	.01	.01	.01	.01	.01	.01
60.5000	.01	.01	.01	.01	.01	.01
60.7500	.01	.01	.01	.01	.01	.01
61.0000	.01	.01	.01	.01	.01	.01
61.2500	.01	.01	.01	.01	.01	.01
61.5000	.01	.01	.01	.01	.01	.01
61.7500	.01	.01	.01	.01	.01	.01
62.0000	.01	.01	.01	.01	.01	.01
62.2500	.01	.01	.01	.01	.01	.01
62.5000	.01	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

62.7500	.01	.01	.01	.01	.01
63.0000	.01	.01	.01	.01	.01
63.2500	.01	.01	.01	.01	.01
63.5000	.01	.01	.01	.01	.01
63.7500	.01	.01	.01	.00	.00
64.0000	.00	.00	.00	.00	.00
64.2500	.00	.00	.00	.00	.00
64.5000	.00	.00	.00	.00	.00
64.7500	.00	.00	.00	.00	.00
65.0000	.00	.00	.00	.00	.00
65.2500	.00	.00	.00	.00	.00
65.5000	.00	.00	.00	.00	.00
65.7500	.00	.00	.00	.00	.00
66.0000	.00	.00	.00	.00	.00
66.2500	.00	.00	.00	.00	.00
66.5000	.00	.00	.00	.00	.00
66.7500	.00	.00	.00	.00	.00
67.0000	.00	.00	.00	.00	.00
67.2500	.00	.00	.00	.00	.00
67.5000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

Page 10.119

Name... OUT1

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: OUT1

HYG Directory: \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
REACH 60	J6		REACH 60	100
ADDLINK 110	BYPASS2		BYPASS2	100

INFLOWS TO: OUT1

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	REACH 60	100	16691220	12.9500	1687.30
	BYPASS2	100	2079438	12.1500	533.90

TOTAL FLOW INTO: OUT1

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	OUT1	100	18770680	12.9000	1762.07

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

Page 10.120

Name... OUT1

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

asbuilt basin 1 2 and 4.txt

4. PPW  
Storm... TypeII 24hr Tag: 100

TOTAL NODE INFLOW...

HYG file =  
HYG ID = OUT1  
HYG Tag = 100

-----  
Peak Discharge = 1762.07 cfs  
Time to Peak = 12.9000 hrs  
HYG Volume = 18770680 cu. ft  
-----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
4.0500	.00	.00	.00	.00	.00
4.3000	.01	.01	.01	.02	.04
4.5500	.06	.09	.11	.14	.17
4.8000	.20	.23	.26	.29	.32
5.0500	.36	.39	.43	.46	.50
5.3000	.54	.58	.63	.67	.71
5.5500	.76	.81	.85	.90	.95
5.8000	1.01	1.06	1.11	1.17	1.23
6.0500	1.29	1.35	1.41	1.49	1.57
6.3000	1.66	1.77	1.88	2.01	2.14
6.5500	2.28	2.43	2.58	2.74	2.89
6.8000	3.06	3.22	3.40	3.57	3.75
7.0500	3.94	4.14	4.34	4.57	4.80
7.3000	5.05	5.30	5.56	5.83	6.11
7.5500	6.45	6.90	7.33	7.75	8.16
7.8000	8.56	8.96	9.36	9.76	10.17
8.0500	10.58	11.00	11.44	11.90	12.37
8.3000	12.87	13.39	13.94	14.52	15.13
8.5500	15.78	16.48	17.23	18.03	18.87
8.8000	19.89	20.98	22.08	23.18	24.30
9.0500	25.43	26.58	27.74	28.92	30.11
9.3000	31.32	32.57	33.88	35.22	36.65
9.5500	38.25	39.85	41.44	43.05	44.67
9.8000	46.33	48.03	49.75	51.52	53.35
10.0500	55.26	57.23	59.42	61.67	63.95
10.3000	66.27	68.63	71.06	73.54	76.10
10.5500	78.74	81.51	84.42	87.55	90.93
10.8000	94.41	98.01	101.74	105.62	109.66
11.0500	113.92	118.46	123.40	128.86	134.65
11.3000	140.82	147.42	154.53	162.23	170.86
11.5500	180.89	193.39	210.33	234.19	267.91

S/N:

PondPack Ver:

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Date:

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Type... Node: Addition Summary

Page 10.121

Name... OUT1

Event: 100 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW  
Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				

asbuilt basin 1 2 and 4.txt

11. 8000	313.93	377.03	463.34	571.63	693.61
12. 0500	812.13	915.00	996.11	1056.85	1104.11
12. 3000	1149.52	1202.53	1265.38	1335.73	1408.27
12. 5500	1479.03	1544.90	1604.73	1656.64	1699.36
12. 8000	1731.37	1752.58	1762.07	1759.94	1746.83
13. 0500	1723.67	1691.66	1651.90	1605.48	1554.21
13. 3000	1499.94	1443.21	1386.25	1329.06	1273.25
13. 5500	1218.88	1166.85	1117.15	1069.93	1025.32
13. 8000	982.63	942.41	903.84	867.65	833.72
14. 0500	801.74	772.11	744.07	717.56	692.87
14. 3000	669.42	647.18	626.25	606.60	587.80
14. 5500	569.92	552.99	536.86	521.12	505.85
14. 8000	491.11	477.23	463.75	450.76	438.26
15. 0500	426.34	415.41	404.99	395.13	385.83
15. 3000	377.11	368.90	361.31	354.07	347.11
15. 5500	340.45	334.04	327.85	321.84	315.93
15. 8000	310.11	304.32	298.40	292.38	286.31
16. 0500	280.24	274.24	268.37	262.65	257.26
16. 3000	252.01	246.90	241.98	237.25	232.72
16. 5500	228.39	224.27	220.36	216.65	213.21
16. 8000	209.88	206.64	203.52	200.51	197.62
17. 0500	194.85	192.21	189.68	187.26	184.93
17. 3000	182.70	180.57	178.54	176.59	174.79
17. 5500	173.04	171.33	169.68	168.08	166.53
17. 8000	165.02	163.57	162.15	160.78	159.45
18. 0500	158.14	156.87	155.63	154.42	153.25
18. 3000	152.10	150.98	149.87	148.79	147.72
18. 5500	146.67	145.62	144.59	143.57	142.56
18. 8000	141.57	140.59	139.61	138.66	137.74
19. 0500	136.82	135.88	134.94	134.01	133.07
19. 3000	132.13	131.20	130.27	129.34	128.42
19. 5500	127.50	126.59	125.68	124.78	123.88
19. 8000	122.98	122.08	121.18	120.28	119.39
20. 0500	118.49	117.60	116.72	115.86	115.00
20. 3000	114.17	113.35	112.54	111.74	110.95
20. 5500	110.16	109.37	108.59	107.83	107.09
20. 8000	106.36	105.65	104.98	104.33	103.69
21. 0500	103.05	102.43	101.82	101.22	100.64
21. 3000	100.08	99.54	99.02	98.52	98.03
21. 5500	97.57	97.12	96.69	96.27	95.88
21. 8000	95.50	95.13	94.78	94.44	94.12
22. 0500	93.80	93.50	93.21	92.93	92.66
22. 3000	92.40	92.14	91.89	91.65	91.41
22. 5500	91.18	90.95	90.72	90.50	90.29
22. 8000	90.07	89.86	89.66	89.45	89.25

S/N:

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Type... Node: Addition Summary

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Name... OUT1

Event: 100 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

23. 0500	89.05	88.85	88.66	88.47	88.27
23. 3000	88.08	87.89	87.71	87.52	87.33
23. 5500	87.15	86.96	86.78	86.60	86.42
23. 8000	86.24	86.05	85.87	85.69	85.48

asbuilt basin 1 2 and 4.txt

24. 0500	85. 16	84. 61	83. 74	82. 52	81. 07
24. 3000	79. 56	78. 07	76. 65	75. 31	74. 02
24. 5500	72. 73	71. 42	70. 08	68. 73	67. 39
24. 8000	65. 95	64. 43	62. 82	61. 13	59. 36
25. 0500	57. 52	55. 61	53. 66	51. 70	49. 77
25. 3000	47. 85	45. 98	44. 26	42. 49	40. 71
25. 5500	38. 92	37. 15	35. 41	33. 74	32. 14
25. 8000	30. 62	29. 15	27. 81	26. 63	25. 45
26. 0500	24. 29	23. 15	22. 04	20. 96	19. 93
26. 3000	18. 95	18. 03	17. 17	16. 38	15. 64
26. 5500	14. 94	14. 28	13. 75	13. 27	12. 79
26. 8000	12. 31	11. 83	11. 37	10. 91	10. 46
27. 0500	10. 02	9. 60	9. 19	8. 79	8. 41
27. 3000	8. 05	7. 70	7. 36	7. 04	6. 74
27. 5500	6. 46	6. 20	5. 95	5. 73	5. 52
27. 8000	5. 33	5. 16	5. 01	4. 86	4. 73
28. 0500	4. 60	4. 49	4. 38	4. 32	4. 26
28. 3000	4. 20	4. 14	4. 08	4. 01	3. 95
28. 5500	3. 88	3. 82	3. 75	3. 68	3. 61
28. 8000	3. 55	3. 48	3. 41	3. 34	3. 28
29. 0500	3. 21	3. 14	3. 08	3. 01	2. 95
29. 3000	2. 88	2. 82	2. 76	2. 70	2. 64
29. 5500	2. 58	2. 52	2. 46	2. 40	2. 35
29. 8000	2. 29	2. 24	2. 19	2. 14	2. 09
30. 0500	2. 04	1. 99	1. 94	1. 90	1. 85
30. 3000	1. 81	1. 77	1. 72	1. 68	1. 64
30. 5500	1. 61	1. 57	1. 53	1. 50	1. 46
30. 8000	1. 43	1. 39	1. 36	1. 33	1. 30
31. 0500	1. 27	1. 24	1. 21	1. 18	1. 16
31. 3000	1. 13	1. 11	1. 08	1. 06	1. 03
31. 5500	1. 01	. 99	. 97	. 95	. 93
31. 8000	. 91	. 89	. 87	. 85	. 83
32. 0500	. 81	. 80	. 78	. 76	. 75
32. 3000	. 73	. 72	. 70	. 69	. 68
32. 5500	. 66	. 65	. 64	. 62	. 61
32. 8000	. 60	. 59	. 58	. 56	. 55
33. 0500	. 54	. 53	. 52	. 51	. 50
33. 3000	. 49	. 48	. 47	. 47	. 46
33. 5500	. 45	. 44	. 43	. 42	. 42
33. 8000	. 41	. 40	. 39	. 39	. 38
34. 0500	. 37	. 37	. 36	. 35	. 35

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.123

Name... OUT1

Event: 100 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
34. 3000	. 34	. 33	. 33	. 32	. 32
34. 5500	. 31	. 30	. 30	. 29	. 29
34. 8000	. 28	. 28	. 27	. 27	. 26
35. 0500	. 26	. 26	. 25	. 25	. 24
35. 3000	. 24	. 23	. 23	. 23	. 22
35. 5500	. 22	. 21	. 21	. 21	. 20
35. 8000	. 20	. 20	. 19	. 19	. 19
36. 0500	. 18	. 18	. 18	. 17	. 17

asbuilt basin 1 2 and 4.txt

36. 3000	.17	.16	.16	.16	.16
36. 5500	.15	.15	.15	.15	.14
36. 8000	.14	.14	.14	.13	.13
37. 0500	.13	.13	.12	.12	.12
37. 3000	.12	.12	.11	.11	.11
37. 5500	.11	.11	.10	.10	.10
37. 8000	.10	.10	.10	.09	.09
38. 0500	.09	.09	.09	.09	.09
38. 3000	.08	.08	.08	.08	.08
38. 5500	.08	.08	.07	.07	.07
38. 8000	.07	.07	.07	.07	.07
39. 0500	.06	.06	.06	.06	.06
39. 3000	.06	.06	.06	.06	.06
39. 5500	.05	.05	.05	.05	.05
39. 8000	.05	.05	.05	.05	.05
40. 0500	.05	.05	.04	.04	.04
40. 3000	.04	.04	.04	.04	.04
40. 5500	.04	.04	.04	.04	.04
40. 8000	.04	.03	.03	.03	.03
41. 0500	.03	.03	.03	.03	.03
41. 3000	.03	.03	.03	.03	.03
41. 5500	.03	.03	.03	.03	.03
41. 8000	.03	.02	.02	.02	.02
42. 0500	.02	.02	.02	.02	.02
42. 3000	.02	.02	.02	.02	.02
42. 5500	.02	.02	.02	.02	.02
42. 8000	.02	.02	.02	.02	.02
43. 0500	.02	.02	.02	.02	.02
43. 3000	.02	.01	.01	.01	.01
43. 5500	.01	.01	.01	.01	.01
43. 8000	.01	.01	.01	.01	.01
44. 0500	.01	.01	.01	.01	.01
44. 3000	.01	.01	.01	.01	.01
44. 5500	.01	.01	.01	.01	.01
44. 8000	.01	.01	.01	.01	.01
45. 0500	.01	.01	.01	.01	.01
45. 3000	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.124

Name... OUT1

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

45. 5500	.01	.01	.01	.01	.01
45. 8000	.01	.01	.01	.01	.01
46. 0500	.01	.01	.01	.01	.01
46. 3000	.01	.01	.01	.01	.01
46. 5500	.01	.01	.01	.01	.01
46. 8000	.01	.01	.01	.01	.01
47. 0500	.01	.01	.01	.01	.01
47. 3000	.01	.01	.01	.01	.01
47. 5500	.01	.01	.01	.01	.01
47. 8000	.01	.01	.01	.01	.01
48. 0500	.01	.01	.01	.01	.01
48. 3000	.01	.01	.01	.01	.01



asbuilt basin 1 2 and 4.txt

48. 5500	.01	.01	.01	.01	.01
48. 8000	.01	.01	.01	.01	.01
49. 0500	.01	.01	.01	.01	.01
49. 3000	.01	.01	.01	.01	.01
49. 5500	.01	.01	.01	.01	.01
49. 8000	.01	.01	.01	.01	.01
50. 0500	.01	.01	.01	.01	.01
50. 3000	.01	.01	.01	.01	.01
50. 5500	.01	.01	.01	.01	.01
50. 8000	.01	.01	.01	.01	.01
51. 0500	.01	.01	.01	.01	.01
51. 3000	.01	.01	.01	.01	.01
51. 5500	.01	.01	.01	.01	.01
51. 8000	.01	.01	.01	.01	.01
52. 0500	.01	.01	.01	.01	.01
52. 3000	.01	.01	.01	.01	.01
52. 5500	.01	.01	.01	.01	.01
52. 8000	.01	.01	.01	.01	.01
53. 0500	.01	.01	.01	.01	.01
53. 3000	.01	.01	.01	.01	.01
53. 5500	.01	.01	.01	.01	.01
53. 8000	.01	.01	.01	.01	.01
54. 0500	.01	.01	.01	.01	.01
54. 3000	.01	.01	.01	.01	.01
54. 5500	.01	.01	.01	.01	.01
54. 8000	.01	.01	.01	.01	.01
55. 0500	.01	.01	.01	.01	.01
55. 3000	.01	.01	.01	.01	.01
55. 5500	.01	.01	.01	.01	.01
55. 8000	.01	.01	.01	.01	.01
56. 0500	.01	.01	.01	.01	.01
56. 3000	.01	.01	.01	.01	.01
56. 5500	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... OUT1

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
56. 8000	.01	.01	.01	.01	.01
57. 0500	.01	.01	.01	.01	.01
57. 3000	.01	.01	.01	.01	.01
57. 5500	.01	.01	.01	.01	.01
57. 8000	.01	.01	.01	.01	.01
58. 0500	.01	.01	.01	.01	.01
58. 3000	.01	.01	.01	.01	.01
58. 5500	.01	.01	.01	.01	.01
58. 8000	.01	.01	.01	.01	.01
59. 0500	.01	.01	.01	.01	.01
59. 3000	.01	.01	.01	.01	.01
59. 5500	.01	.01	.01	.01	.01
59. 8000	.01	.01	.01	.01	.01
60. 0500	.01	.01	.01	.01	.01
60. 3000	.01	.01	.01	.01	.01
60. 5500	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

60.8000	.01	.01	.01	.01	.01	.01
61.0500	.01	.01	.01	.01	.01	.01
61.3000	.01	.01	.01	.01	.01	.01
61.5500	.01	.01	.01	.01	.01	.01
61.8000	.01	.01	.01	.01	.01	.01
62.0500	.01	.01	.01	.01	.01	.01
62.3000	.01	.01	.01	.01	.01	.01
62.5500	.01	.01	.01	.01	.01	.01
62.8000	.01	.01	.01	.01	.01	.01
63.0500	.01	.01	.01	.01	.01	.01
63.3000	.01	.01	.01	.01	.01	.01
63.5500	.01	.01	.01	.01	.01	.01
63.8000	.01	.01	.01	.01	.01	.01
64.0500	.01	.01	.00	.00	.00	.00
64.3000	.00	.00	.00	.00	.00	.00
64.5500	.00	.00	.00	.00	.00	.00
64.8000	.00	.00	.00	.00	.00	.00
65.0500	.00	.00	.00	.00	.00	.00
65.3000	.00	.00	.00	.00	.00	.00
65.5500	.00	.00	.00	.00	.00	.00
65.8000	.00	.00	.00	.00	.00	.00
66.0500	.00	.00	.00	.00	.00	.00
66.3000	.00	.00	.00	.00	.00	.00
66.5500	.00	.00	.00	.00	.00	.00
66.8000	.00	.00	.00	.00	.00	.00
67.0500	.00	.00	.00	.00	.00	.00
67.3000	.00	.00	.00	.00	.00	.00
67.5500	.00	.00	.00	.00	.00	.00
67.8000	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... OUT2

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: OUT2

HYG Directory: \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ADDLINK 100	BYPASS3		BYPASS3	15
ROUTE 60	BASIN5	IN	ROUTE 60	15

INFLOWS TO: OUT2

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	BYPASS3	15	440781	12.1500	106.51
	ROUTE 60	15	158923	12.7000	7.68

TOTAL FLOW INTO: OUT2

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
----------	--------	---------	---------------	---------------	---------------

asbuilt basin 1 2 and 4.txt

-----  
 OUT2                      15                      599704                      12.1500                      112.69  
 -----

S/N:  
 PondPack Ver:                      Compute Time:                      Date:

Type... Node: Addition Summary                      Page 10.127  
 Name... OUT2                      Event: 15 yr  
 File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW  
 Storm... TypeII 24hr Tag: 15

TOTAL NODE INFLOW...  
 HYG file =  
 HYG ID = OUT2  
 HYG Tag = 15

-----  
 Peak Discharge = 112.69 cfs  
 Time to Peak = 12.1500 hrs  
 HYG Volume = 599704 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
9.6000	.00	.00	.00	.00	.01
9.8500	.01	.01	.01	.02	.02
10.1000	.02	.03	.04	.04	.05
10.3500	.06	.07	.09	.10	.12
10.6000	.14	.16	.18	.21	.24
10.8500	.28	.34	.41	.50	.63
11.1000	.78	.95	1.16	1.39	1.66
11.3500	1.97	2.32	2.71	3.17	3.74
11.6000	4.57	5.86	7.94	11.35	16.75
11.8500	25.33	37.83	54.37	73.51	92.13
12.1000	106.44	112.69	110.36	102.36	91.42
12.3500	79.81	69.19	60.41	53.44	47.95
12.6000	43.55	39.83	36.52	33.60	31.13
12.8500	29.09	27.37	26.04	24.96	24.02
13.1000	23.17	22.41	21.72	21.10	20.55
13.3500	20.08	19.67	19.31	18.96	18.62
13.6000	18.30	17.99	17.69	17.41	17.13
13.8500	16.87	16.62	16.37	16.13	15.89
14.1000	15.66	15.44	15.23	15.04	14.86
14.3500	14.70	14.55	14.42	14.29	14.18
14.6000	14.06	13.95	13.85	13.74	13.63
14.8500	13.53	13.43	13.32	13.22	13.11
15.1000	13.01	12.90	12.79	12.69	12.58
15.3500	12.47	12.36	12.25	12.14	12.03
15.6000	11.92	11.81	11.69	11.58	11.46
15.8500	11.35	11.23	11.11	10.99	10.87
16.1000	10.75	10.64	10.52	10.42	10.31
16.3500	10.22	10.13	10.04	9.95	9.87
16.6000	9.79	9.71	9.63	9.55	9.47
16.8500	9.39	9.30	9.22	9.14	9.06
17.1000	8.98	8.90	8.81	8.73	8.64

S/N:  
 PondPack Ver:                      Compute Time:                      Date:

Type... Node: Addition Summary                      Page 10.128

asbuilt basin 1 2 and 4.txt

Name... OUT2

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
17. 3500	8. 56	8. 48	8. 39	8. 30	8. 22
17. 6000	8. 13	8. 04	7. 95	7. 87	7. 78
17. 8500	7. 69	7. 60	7. 51	7. 42	7. 33
18. 1000	7. 25	7. 16	7. 07	6. 98	6. 89
18. 3500	6. 80	6. 71	6. 63	6. 54	6. 45
18. 6000	6. 37	6. 28	6. 20	6. 10	6. 01
18. 8500	5. 91	5. 80	5. 71	5. 61	5. 53
19. 1000	5. 45	5. 37	5. 30	5. 24	5. 17
19. 3500	5. 11	5. 06	5. 00	4. 95	4. 89
19. 6000	4. 84	4. 80	4. 75	4. 70	4. 66
19. 8500	4. 61	4. 57	4. 52	4. 48	4. 44
20. 1000	4. 40	4. 36	4. 32	4. 29	4. 26
20. 3500	4. 23	4. 21	4. 19	4. 17	4. 16
20. 6000	4. 14	4. 13	4. 12	4. 11	4. 10
20. 8500	4. 09	4. 08	4. 07	4. 06	4. 05
21. 1000	4. 04	4. 03	4. 03	4. 02	4. 01
21. 3500	4. 00	3. 99	3. 99	3. 98	3. 97
21. 6000	3. 96	3. 96	3. 95	3. 94	3. 94
21. 8500	3. 93	3. 92	3. 92	3. 91	3. 90
22. 1000	3. 89	3. 89	3. 88	3. 87	3. 87
22. 3500	3. 86	3. 85	3. 85	3. 84	3. 83
22. 6000	3. 83	3. 82	3. 81	3. 80	3. 80
22. 8500	3. 79	3. 78	3. 78	3. 77	3. 76
23. 1000	3. 76	3. 75	3. 74	3. 74	3. 73
23. 3500	3. 72	3. 71	3. 71	3. 70	3. 69
23. 6000	3. 69	3. 68	3. 67	3. 67	3. 66
23. 8500	3. 65	3. 64	3. 64	3. 62	3. 57
24. 1000	3. 45	3. 24	2. 93	2. 55	2. 15
24. 3500	1. 78	1. 46	1. 20	1. 00	. 84
24. 6000	. 72	. 61	. 53	. 47	. 41
24. 8500	. 37	. 33	. 29	. 27	. 24
25. 1000	. 22	. 21	. 19	. 18	. 16
25. 3500	. 15	. 14	. 13	. 13	. 12
25. 6000	. 11	. 11	. 10	. 10	. 09
25. 8500	. 09	. 08	. 08	. 07	. 07
26. 1000	. 07	. 06	. 06	. 06	. 05
26. 3500	. 05	. 05	. 05	. 04	. 04
26. 6000	. 04	. 04	. 04	. 04	. 04
26. 8500	. 04	. 04	. 03	. 03	. 03
27. 1000	. 03	. 03	. 03	. 03	. 03
27. 3500	. 03	. 03	. 03	. 02	. 02
27. 6000	. 02	. 02	. 02	. 02	. 02
27. 8500	. 02	. 02	. 02	. 02	. 02
28. 1000	. 02	. 02	. 02	. 02	. 02
28. 3500	. 01	. 01	. 01	. 01	. 01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... OUT2

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

asbuilt basin 1 2 and 4.txt

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
28.6000	.01	.01	.01	.01	.01
28.8500	.01	.01	.01	.01	.01
29.1000	.01	.01	.01	.01	.01
29.3500	.01	.01	.01	.01	.01
29.6000	.01	.01	.01	.01	.01
29.8500	.01	.01	.01	.01	.01
30.1000	.01	.00	.00	.00	.00
30.3500	.00	.00	.00	.00	.00
30.6000	.00	.00	.00	.00	.00
30.8500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Addition Summary

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Name... OUT2

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: OUT2

HYG Directory: \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ADDLINK 100	BYPASS3		BYPASS3	25
ROUTE 60	BASIN5	IN	ROUTE 60	25

INFLOWS TO: OUT2

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	BYPASS3	25	528347	12.1500	129.96
	ROUTE 60	25	186254	12.4000	18.34

TOTAL FLOW INTO: OUT2

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	OUT2	25	714601	12.1500	136.55

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... OUT2

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

TOTAL NODE INFLOW...

asbuilt basin 1 2 and 4.txt

HYG file =  
 HYG ID = OUT2  
 HYG Tag = 25

-----  
 Peak Discharge = 136.55 cfs  
 Time to Peak = 12.1500 hrs  
 HYG Volume = 714601 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
9.1500	.00	.00	.00	.00	.01
9.4000	.01	.01	.01	.02	.02
9.6500	.02	.03	.03	.04	.04
9.9000	.05	.06	.08	.09	.10
10.1500	.12	.13	.15	.17	.19
10.4000	.21	.24	.27	.32	.38
10.6500	.45	.55	.66	.79	.94
10.9000	1.11	1.30	1.51	1.73	1.98
11.1500	2.25	2.55	2.88	3.25	3.68
11.4000	4.15	4.67	5.28	6.04	7.13
11.6500	8.80	11.37	15.68	22.53	33.22
11.9000	48.53	68.53	91.37	113.30	129.82
12.1500	136.55	133.03	123.12	115.45	104.99
12.4000	92.99	81.65	71.90	63.65	56.58
12.6500	50.57	45.40	41.17	37.60	34.65
12.9000	32.30	30.32	28.63	27.26	26.08
13.1500	25.11	24.29	23.55	22.91	22.36
13.4000	21.89	21.47	21.06	20.68	20.30
13.6500	19.95	19.60	19.27	18.96	18.66
13.9000	18.37	18.09	17.81	17.54	17.27
14.1500	17.02	16.78	16.57	16.37	16.19
14.4000	16.02	15.88	15.74	15.61	15.48
14.6500	15.36	15.25	15.13	15.01	14.90
14.9000	14.79	14.67	14.56	14.45	14.34
15.1500	14.22	14.11	13.99	13.87	13.76
15.4000	13.64	13.52	13.41	13.29	13.17
15.6500	13.04	12.92	12.80	12.68	12.55
15.9000	12.43	12.30	12.18	12.05	11.92
16.1500	11.80	11.68	11.57	11.46	11.37
16.4000	11.27	11.18	11.10	11.01	10.93
16.6500	10.85	10.77	10.69	10.61	10.54

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... OUT2

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
16.9000	10.46	10.38	10.30	10.22	10.14
17.1500	10.06	9.98	9.89	9.81	9.73
17.4000	9.65	9.56	9.48	9.40	9.31
17.6500	9.22	9.14	9.05	8.97	8.88
17.9000	8.79	8.70	8.62	8.53	8.44

asbuilt basin 1 2 and 4.txt

18. 1500	8. 35	8. 26	8. 17	8. 08	7. 99
18. 4000	7. 90	7. 81	7. 72	7. 63	7. 54
18. 6500	7. 45	7. 36	7. 27	7. 18	7. 09
18. 9000	7. 01	6. 92	6. 83	6. 75	6. 66
19. 1500	6. 57	6. 49	6. 39	6. 30	6. 20
19. 4000	6. 10	6. 00	5. 91	5. 82	5. 74
19. 6500	5. 67	5. 59	5. 52	5. 46	5. 39
19. 9000	5. 33	5. 27	5. 21	5. 16	5. 10
20. 1500	5. 05	5. 00	4. 96	4. 92	4. 89
20. 4000	4. 86	4. 84	4. 81	4. 79	4. 77
20. 6500	4. 76	4. 74	4. 73	4. 71	4. 70
20. 9000	4. 69	4. 67	4. 66	4. 65	4. 64
21. 1500	4. 63	4. 62	4. 61	4. 60	4. 59
21. 4000	4. 58	4. 58	4. 57	4. 56	4. 55
21. 6500	4. 54	4. 53	4. 52	4. 51	4. 51
21. 9000	4. 50	4. 49	4. 48	4. 47	4. 47
22. 1500	4. 46	4. 45	4. 44	4. 43	4. 42
22. 4000	4. 42	4. 41	4. 40	4. 39	4. 38
22. 6500	4. 38	4. 37	4. 36	4. 35	4. 34
22. 9000	4. 34	4. 33	4. 32	4. 31	4. 30
23. 1500	4. 30	4. 29	4. 28	4. 27	4. 26
23. 4000	4. 26	4. 25	4. 24	4. 23	4. 22
23. 6500	4. 22	4. 21	4. 20	4. 19	4. 18
23. 9000	4. 17	4. 17	4. 15	4. 09	3. 95
24. 1500	3. 71	3. 35	2. 91	2. 45	2. 03
24. 4000	1. 66	1. 36	1. 13	. 95	. 81
24. 6500	. 69	. 60	. 52	. 46	. 41
24. 9000	. 36	. 33	. 29	. 27	. 24
25. 1500	. 22	. 21	. 19	. 18	. 16
25. 4000	. 15	. 14	. 13	. 13	. 12
25. 6500	. 11	. 11	. 10	. 10	. 09
25. 9000	. 09	. 08	. 08	. 07	. 07
26. 1500	. 07	. 06	. 06	. 06	. 05
26. 4000	. 05	. 05	. 05	. 04	. 04
26. 6500	. 04	. 04	. 04	. 04	. 04
26. 9000	. 04	. 04	. 03	. 03	. 03
27. 1500	. 03	. 03	. 03	. 03	. 03
27. 4000	. 03	. 03	. 03	. 02	. 02
27. 6500	. 02	. 02	. 02	. 02	. 02
27. 9000	. 02	. 02	. 02	. 02	. 02

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

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Name... OUT2

Event: 25 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
28. 1500	. 02	. 02	. 02	. 02	. 02
28. 4000	. 01	. 01	. 01	. 01	. 01
28. 6500	. 01	. 01	. 01	. 01	. 01
28. 9000	. 01	. 01	. 01	. 01	. 01
29. 1500	. 01	. 01	. 01	. 01	. 01
29. 4000	. 01	. 01	. 01	. 01	. 01
29. 6500	. 01	. 01	. 01	. 01	. 01
29. 9000	. 01	. 01	. 01	. 01	. 01
30. 1500	. 01	. 00	. 00	. 00	. 00

	asbuilt basin 1 2 and 4.txt					
30. 4000		.00	.00	.00	.00	.00
30. 6500		.00	.00	.00	.00	.00
30. 9000		.00	.00	.00	.00	.00

S/N:  
PondPack Ver:                        Compute Time:                        Date:

Type... Node: Addition Summary                        Page 10.134  
Name... OUT2    Event: 100 yr  
File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: OUT2

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

=====	=====	=====	=====	=====
Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
-----	-----	-----	-----	-----
ADDLINK 100	BYPASS3		BYPASS3	100
ROUTE 60	BASIN5	IN	ROUTE 60	100
=====	=====	=====	=====	=====

INFLOWS TO: OUT2

-----	-----	-----	-----	-----	-----
HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
-----	-----	-----	-----	-----	-----
	BYPASS3	100	772769	12.1500	194.95
	ROUTE 60	100	260823	12.2500	50.84

TOTAL FLOW INTO: OUT2

-----	-----	-----	-----	-----	-----
HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
-----	-----	-----	-----	-----	-----
	OUT2	100	1033591	12.2000	236.76

S/N:  
PondPack Ver:                        Compute Time:                        Date:

Type... Node: Addition Summary                        Page 10.135  
Name... OUT2    Event: 100 yr  
File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

TOTAL NODE INFLOW...

HYG file =  
HYG ID = OUT2  
HYG Tag = 100

-----

Peak Discharge = 236.76 cfs  
Time to Peak = 12.2000 hrs  
HYG Volume = 1033591 cu. ft

HYDROGRAPH ORDINATES (cfs)

Time |                        Output Time increment = .0500 hrs  
hrs |                        Time on left represents time for first value in each row.



asbuilt basin 1 2 and 4.txt

8. 1500	.00	.00	.00	.00	.01
8. 4000	.01	.01	.01	.02	.02
8. 6500	.02	.03	.03	.04	.04
8. 9000	.05	.06	.07	.09	.10
9. 1500	.11	.13	.14	.16	.18
9. 4000	.20	.22	.24	.26	.29
9. 6500	.33	.38	.43	.50	.57
9. 9000	.66	.75	.85	.96	1.08
10. 1500	1.20	1.34	1.48	1.63	1.79
10. 4000	1.96	2.14	2.33	2.54	2.75
10. 6500	2.98	3.23	3.49	3.78	4.08
10. 9000	4.41	4.76	5.14	5.54	5.97
11. 1500	6.44	6.95	7.50	8.10	8.76
11. 4000	9.48	10.27	11.19	12.35	14.05
11. 6500	16.77	21.06	28.16	39.15	55.78
11. 9000	78.94	108.45	141.43	172.29	196.11
12. 1500	228.88	236.76	221.86	195.98	167.80
12. 4000	142.23	121.23	104.55	91.21	80.26
12. 6500	71.08	63.47	57.14	51.97	47.67
12. 9000	44.22	41.36	38.95	36.85	35.10
13. 1500	33.51	32.06	30.74	29.58	28.66
13. 4000	27.89	27.17	26.58	26.05	25.54
13. 6500	25.05	24.58	24.14	23.71	23.31
13. 9000	22.92	22.54	22.17	21.80	21.45
14. 1500	21.11	20.80	20.52	20.26	20.02
14. 4000	19.81	19.62	19.44	19.28	19.12
14. 6500	18.97	18.83	18.68	18.54	18.40
14. 9000	18.26	18.12	17.99	17.85	17.71
15. 1500	17.57	17.43	17.29	17.15	17.01
15. 4000	16.87	16.72	16.58	16.44	16.29
15. 6500	16.15	16.00	15.85	15.71	15.56

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.136

Name... OUT2

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
15. 9000	15.41	15.26	15.11	14.96	14.81
16. 1500	14.67	14.53	14.40	14.28	14.17
16. 4000	14.07	13.97	13.88	13.79	13.71
16. 6500	13.63	13.54	13.46	13.38	13.30
16. 9000	13.22	13.14	13.07	12.99	12.91
17. 1500	12.82	12.74	12.66	12.58	12.50
17. 4000	12.42	12.34	12.25	12.17	12.09
17. 6500	12.00	11.92	11.83	11.75	11.66
17. 9000	11.57	11.49	11.40	11.31	11.22
18. 1500	11.13	11.05	10.96	10.87	10.78
18. 4000	10.69	10.60	10.50	10.41	10.32
18. 6500	10.23	10.14	10.04	9.95	9.86
18. 9000	9.76	9.67	9.57	9.48	9.38
19. 1500	9.29	9.19	9.10	9.00	8.90
19. 4000	8.81	8.71	8.62	8.52	8.42
19. 6500	8.33	8.23	8.14	8.04	7.94
19. 9000	7.85	7.75	7.66	7.57	7.47

asbuilt basin 1 2 and 4.txt

20. 1500	7. 38	7. 30	7. 22	7. 14	7. 07
20. 4000	7. 00	6. 93	6. 86	6. 80	6. 74
20. 6500	6. 67	6. 62	6. 57	6. 52	6. 48
20. 9000	6. 44	6. 41	6. 38	6. 35	6. 32
21. 1500	6. 29	6. 27	6. 25	6. 22	6. 20
21. 4000	6. 19	6. 17	6. 15	6. 13	6. 12
21. 6500	6. 10	6. 09	6. 07	6. 06	6. 04
21. 9000	6. 03	6. 02	6. 01	5. 99	5. 98
22. 1500	5. 97	5. 96	5. 94	5. 93	5. 92
22. 4000	5. 91	5. 90	5. 88	5. 87	5. 86
22. 6500	5. 85	5. 84	5. 83	5. 82	5. 80
22. 9000	5. 79	5. 78	5. 77	5. 76	5. 75
23. 1500	5. 74	5. 72	5. 71	5. 70	5. 69
23. 4000	5. 68	5. 67	5. 66	5. 65	5. 63
23. 6500	5. 62	5. 61	5. 60	5. 59	5. 58
23. 9000	5. 57	5. 56	5. 53	5. 45	5. 27
24. 1500	4. 94	4. 46	3. 87	3. 25	2. 68
24. 4000	2. 19	1. 79	1. 48	1. 23	1. 04
24. 6500	. 88	. 76	. 66	. 57	. 51
24. 9000	. 45	. 40	. 36	. 33	. 30
25. 1500	. 27	. 25	. 23	. 21	. 19
25. 4000	. 18	. 17	. 16	. 15	. 14
25. 6500	. 13	. 12	. 12	. 11	. 10
25. 9000	. 10	. 09	. 09	. 08	. 08
26. 1500	. 08	. 07	. 07	. 06	. 06
26. 4000	. 06	. 05	. 05	. 05	. 05
26. 6500	. 05	. 04	. 04	. 04	. 04
26. 9000	. 04	. 04	. 04	. 04	. 03

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Addition Summary

Page 10.137

Name... OUT2

Event: 100 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
27. 1500	. 03	. 03	. 03	. 03	. 03
27. 4000	. 03	. 03	. 03	. 03	. 03
27. 6500	. 02	. 02	. 02	. 02	. 02
27. 9000	. 02	. 02	. 02	. 02	. 02
28. 1500	. 02	. 02	. 02	. 02	. 02
28. 4000	. 02	. 02	. 01	. 01	. 01
28. 6500	. 01	. 01	. 01	. 01	. 01
28. 9000	. 01	. 01	. 01	. 01	. 01
29. 1500	. 01	. 01	. 01	. 01	. 01
29. 4000	. 01	. 01	. 01	. 01	. 01
29. 6500	. 01	. 01	. 01	. 01	. 01
29. 9000	. 01	. 01	. 01	. 01	. 01
30. 1500	. 01	. 01	. 01	. 00	. 00
30. 4000	. 00	. 00	. 00	. 00	. 00
30. 6500	. 00	. 00	. 00	. 00	. 00
30. 9000	. 00	. 00	. 00	. 00	. 00
31. 1500	. 00				

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Hydrograph  
 Name... BASIN3A IN Tag: 15  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 15

ICPM HYDROGRAPH...  
 HYG file =  
 HYG ID = BASIN3A IN  
 HYG Tag = 15

-----  
 Peak Di scharge = 185.97 cfs  
 Time to Peak = 12.1500 hrs  
 HYG Volume = 736751 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs					
.0000	.00	.00	.00	.00	.00	.00
.2500	.00	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00	.00
.7500	.00	.00	.00	.00	.00	.00
1.0000	.00	.00	.00	.00	.00	.00
1.2500	.00	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00	.00
1.7500	.00	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00	.00
2.2500	.00	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00	.00
2.7500	.00	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00	.00
3.2500	.00	.00	.00	.00	.00	.00
3.5000	.00	.00	.00	.00	.00	.00
3.7500	.00	.00	.00	.00	.00	.00
4.0000	.00	.00	.00	.00	.00	.00
4.2500	.00	.00	.00	.00	.00	.00
4.5000	.00	.00	.00	.00	.00	.00
4.7500	.00	.00	.00	.00	.00	.00
5.0000	.00	.00	.00	.00	.00	.00
5.2500	.00	.00	.00	.00	.00	.00
5.5000	.00	.00	.00	.00	.00	.00
5.7500	.00	.00	.00	.00	.00	.00
6.0000	.00	.00	.00	.00	.00	.00
6.2500	.00	.00	.00	.00	.00	.00
6.5000	.00	.00	.00	.00	.00	.00
6.7500	.00	.00	.00	.00	.00	.00
7.0000	.00	.00	.00	.00	.00	.00
7.2500	.00	.00	.00	.00	.00	.00
7.5000	.00	.00	.00	.00	.00	.00

S/N:  
 PondPack Ver: Compute Time: Date:

♀

Type... Hydrograph  
 Name... BASIN3A IN Tag: 15  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs					
----------	-----------------------------------	--	--	--	--	--

asbuilt basin 1 2 and 4.txt

7.7500	.00	.00	.00	.00	.00
8.0000	.00	.00	.00	.00	.00
8.2500	.00	.00	.00	.00	.00
8.5000	.00	.00	.00	.00	.00
8.7500	.01	.01	.03	.05	.08
9.0000	.12	.16	.20	.25	.31
9.2500	.36	.42	.48	.53	.59
9.5000	.65	.71	.77	.83	.89
9.7500	.96	1.03	1.11	1.19	1.27
10.0000	1.37	1.46	1.56	1.67	1.78
10.2500	1.90	2.03	2.17	2.31	2.46
10.5000	2.62	2.79	2.97	3.16	3.36
10.7500	3.58	3.82	4.07	4.34	4.63
11.0000	4.93	5.25	5.60	5.98	6.40
11.2500	6.88	7.42	8.02	8.68	9.40
11.5000	10.18	11.24	12.86	15.62	20.18
11.7500	27.21	37.63	52.80	74.67	102.87
12.0000	133.65	160.91	179.40	185.97	180.05
12.2500	164.08	142.86	121.94	103.34	88.01
12.5000	75.79	65.92	57.75	50.92	45.36
12.7500	40.74	36.92	33.78	31.19	29.04
13.0000	27.24	25.71	24.37	23.17	22.09
13.2500	21.12	20.27	19.55	18.93	18.39
13.5000	17.89	17.40	16.94	16.49	16.07
13.7500	15.66	15.28	14.92	14.57	14.24
14.0000	13.91	13.59	13.28	12.98	12.71
14.2500	12.46	12.24	12.04	11.86	11.70
14.5000	11.55	11.42	11.29	11.17	11.06
14.7500	10.94	10.83	10.72	10.62	10.51
15.0000	10.40	10.30	10.19	10.08	9.98
15.2500	9.87	9.76	9.66	9.55	9.45
15.5000	9.34	9.23	9.12	9.01	8.91
15.7500	8.80	8.69	8.58	8.47	8.36
16.0000	8.25	8.15	8.04	7.94	7.84
16.2500	7.75	7.67	7.60	7.54	7.48
16.5000	7.43	7.38	7.33	7.29	7.25
16.7500	7.21	7.17	7.13	7.09	7.05
17.0000	7.01	6.97	6.93	6.89	6.85
17.2500	6.82	6.78	6.74	6.70	6.66
17.5000	6.62	6.58	6.55	6.51	6.47
17.7500	6.43	6.39	6.35	6.31	6.27
18.0000	6.23	6.20	6.16	6.12	6.08
18.2500	6.04	6.00	5.96	5.92	5.88
18.5000	5.84	5.80	5.76	5.72	5.68
18.7500	5.64	5.60	5.56	5.52	5.48

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Hydrograph

Name... BASIN3A IN Tag: 15

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Storm... Type I 24hr Tag: 15

Page 11.03

Event: 15 yr

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
19.0000	5.44	5.40	5.36	5.32	5.28
19.2500	5.24	5.20	5.16	5.12	5.08
19.5000	5.04	5.00	4.96	4.92	4.88
19.7500	4.84	4.80	4.76	4.72	4.68

asbuilt basin 1 2 and 4.txt

20.0000	4.64	4.60	4.56	4.52	4.48
20.2500	4.45	4.43	4.40	4.38	4.37
20.5000	4.35	4.34	4.33	4.32	4.31
20.7500	4.30	4.29	4.28	4.28	4.27
21.0000	4.26	4.25	4.24	4.24	4.23
21.2500	4.22	4.21	4.21	4.20	4.19
21.5000	4.18	4.18	4.17	4.16	4.15
21.7500	4.15	4.14	4.13	4.12	4.12
22.0000	4.11	4.10	4.09	4.09	4.08
22.2500	4.07	4.06	4.05	4.05	4.04
22.5000	4.03	4.02	4.02	4.01	4.00
22.7500	3.99	3.99	3.98	3.97	3.96
23.0000	3.95	3.95	3.94	3.93	3.92
23.2500	3.92	3.91	3.90	3.89	3.88
23.5000	3.88	3.87	3.86	3.85	3.85
23.7500	3.84	3.83	3.82	3.81	3.81
24.0000	3.79	3.73	3.59	3.32	2.91
24.2500	2.44	1.97	1.53	1.15	.86
24.5000	.64	.48	.36	.27	.21
24.7500	.15	.11	.08	.06	.05
25.0000	.03	.02	.02	.01	.01
25.2500	.00	.00	.00	.00	.00
25.5000	.00	.00	.00	.00	.00
25.7500	.00	.00	.00	.00	.00
26.0000	.00	.00	.00	.00	.00
26.2500	.00	.00	.00	.00	.00
26.5000	.00	.00	.00	.00	.00
26.7500	.00	.00	.00	.00	.00
27.0000	.00	.00	.00	.00	.00
27.2500	.00	.00	.00	.00	.00
27.5000	.00	.00	.00	.00	.00
27.7500	.00	.00	.00	.00	.00
28.0000	.00	.00	.00	.00	.00
28.2500	.00	.00	.00	.00	.00
28.5000	.00	.00	.00	.00	.00
28.7500	.00	.00	.00	.00	.00
29.0000	.00	.00	.00	.00	.00
29.2500	.00	.00	.00	.00	.00
29.5000	.00	.00	.00	.00	.00
29.7500	.00	.00	.00	.00	.00
30.0000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.04

Name... BASIN3A IN Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

30.2500	.00	.00	.00	.00	.00
30.5000	.00	.00	.00	.00	.00
30.7500	.00	.00	.00	.00	.00
31.0000	.00	.00	.00	.00	.00
31.2500	.00	.00	.00	.00	.00
31.5000	.00	.00	.00	.00	.00
31.7500	.00	.00	.00	.00	.00
32.0000	.00	.00	.00	.00	.00
32.2500	.00	.00	.00	.00	.00

	asbuilt basin 1 2 and 4.txt					
32. 5000	.00	.00	.00	.00	.00	.00
32. 7500	.00	.00	.00	.00	.00	.00
33. 0000	.00	.00	.00	.00	.00	.00
33. 2500	.00	.00	.00	.00	.00	.00
33. 5000	.00	.00	.00	.00	.00	.00
33. 7500	.00	.00	.00	.00	.00	.00
34. 0000	.00	.00	.00	.00	.00	.00
34. 2500	.00	.00	.00	.00	.00	.00
34. 5000	.00	.00	.00	.00	.00	.00
34. 7500	.00	.00	.00	.00	.00	.00
35. 0000	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Hydrograph

Page 11.05

Name... BASIN3A IN Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 25

ICPM HYDROGRAPH...

HYG file =

HYG ID = BASIN3A IN

HYG Tag = 25

Peak Discharge = 216.84 cfs

Time to Peak = 12.1500 hrs

HYG Volume = 856233 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)					
. 0000	.00	.00	.00	.00	.00	.00
. 2500	.00	.00	.00	.00	.00	.00
. 5000	.00	.00	.00	.00	.00	.00
. 7500	.00	.00	.00	.00	.00	.00
1. 0000	.00	.00	.00	.00	.00	.00
1. 2500	.00	.00	.00	.00	.00	.00
1. 5000	.00	.00	.00	.00	.00	.00
1. 7500	.00	.00	.00	.00	.00	.00
2. 0000	.00	.00	.00	.00	.00	.00
2. 2500	.00	.00	.00	.00	.00	.00
2. 5000	.00	.00	.00	.00	.00	.00
2. 7500	.00	.00	.00	.00	.00	.00
3. 0000	.00	.00	.00	.00	.00	.00
3. 2500	.00	.00	.00	.00	.00	.00
3. 5000	.00	.00	.00	.00	.00	.00
3. 7500	.00	.00	.00	.00	.00	.00
4. 0000	.00	.00	.00	.00	.00	.00
4. 2500	.00	.00	.00	.00	.00	.00
4. 5000	.00	.00	.00	.00	.00	.00
4. 7500	.00	.00	.00	.00	.00	.00
5. 0000	.00	.00	.00	.00	.00	.00
5. 2500	.00	.00	.00	.00	.00	.00
5. 5000	.00	.00	.00	.00	.00	.00
5. 7500	.00	.00	.00	.00	.00	.00
6. 0000	.00	.00	.00	.00	.00	.00
6. 2500	.00	.00	.00	.00	.00	.00
6. 5000	.00	.00	.00	.00	.00	.00
6. 7500	.00	.00	.00	.00	.00	.00

```

asbuilt basin 1 2 and 4.txt
7.0000 | .00 .00 .00 .00 .00
7.2500 | .00 .00 .00 .00 .00
7.5000 | .00 .00 .00 .00 .00

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S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Hydrograph

Page 11.06

Name... BASIN3A IN Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
7.7500	.00	.00	.00	.00	.00
8.0000	.00	.00	.00	.00	.00
8.2500	.00	.01	.01	.03	.05
8.5000	.07	.11	.14	.19	.23
8.7500	.28	.33	.39	.45	.51
9.0000	.58	.64	.71	.78	.86
9.2500	.93	1.00	1.07	1.14	1.21
9.5000	1.28	1.35	1.42	1.49	1.56
9.7500	1.64	1.73	1.82	1.92	2.03
10.0000	2.15	2.27	2.39	2.52	2.67
10.2500	2.82	2.98	3.15	3.33	3.52
10.5000	3.71	3.92	4.14	4.38	4.62
10.7500	4.89	5.18	5.49	5.82	6.17
11.0000	6.55	6.94	7.36	7.82	8.34
11.2500	8.92	9.57	10.30	11.10	11.96
11.5000	12.91	14.18	16.14	19.48	24.98
11.7500	33.43	45.86	63.81	89.47	122.27
12.0000	157.80	189.00	209.87	216.84	209.40
12.2500	190.43	165.51	141.07	119.39	101.54
12.5000	87.33	75.86	66.37	58.45	52.02
12.7500	46.67	42.25	38.63	35.64	33.16
13.0000	31.08	29.32	27.78	26.40	25.15
13.2500	24.04	23.07	22.24	21.53	20.91
13.5000	20.33	19.78	19.25	18.74	18.26
13.7500	17.79	17.36	16.94	16.55	16.16
14.0000	15.79	15.42	15.07	14.73	14.42
14.2500	14.14	13.88	13.65	13.45	13.27
14.5000	13.10	12.95	12.81	12.67	12.54
14.7500	12.41	12.28	12.15	12.03	11.91
15.0000	11.79	11.67	11.54	11.42	11.30
15.2500	11.18	11.06	10.94	10.82	10.70
15.5000	10.57	10.45	10.33	10.20	10.08
15.7500	9.96	9.84	9.71	9.59	9.46
16.0000	9.34	9.22	9.09	8.98	8.87
16.2500	8.77	8.68	8.60	8.52	8.46
16.5000	8.40	8.35	8.29	8.24	8.19
16.7500	8.15	8.10	8.06	8.01	7.97
17.0000	7.92	7.88	7.83	7.79	7.75
17.2500	7.70	7.66	7.62	7.57	7.53
17.5000	7.48	7.44	7.40	7.35	7.31
17.7500	7.26	7.22	7.18	7.13	7.09
18.0000	7.04	7.00	6.95	6.91	6.86
18.2500	6.82	6.77	6.73	6.69	6.64
18.5000	6.60	6.55	6.51	6.46	6.42
18.7500	6.37	6.33	6.28	6.24	6.19

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.07

Name... BASI N3A IN Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
19.0000	6.14	6.10	6.05	6.01	5.96
19.2500	5.92	5.87	5.83	5.78	5.73
19.5000	5.69	5.64	5.60	5.55	5.51
19.7500	5.46	5.41	5.37	5.32	5.28
20.0000	5.23	5.19	5.14	5.10	5.06
20.2500	5.02	4.99	4.97	4.95	4.93
20.5000	4.91	4.90	4.88	4.87	4.86
20.7500	4.85	4.84	4.83	4.82	4.81
21.0000	4.80	4.79	4.79	4.78	4.77
21.2500	4.76	4.75	4.74	4.73	4.73
21.5000	4.72	4.71	4.70	4.69	4.68
21.7500	4.67	4.66	4.66	4.65	4.64
22.0000	4.63	4.62	4.61	4.60	4.60
22.2500	4.59	4.58	4.57	4.56	4.55
22.5000	4.54	4.53	4.53	4.52	4.51
22.7500	4.50	4.49	4.48	4.47	4.46
23.0000	4.46	4.45	4.44	4.43	4.42
23.2500	4.41	4.40	4.39	4.38	4.38
23.5000	4.37	4.36	4.35	4.34	4.33
23.7500	4.32	4.31	4.30	4.30	4.29
24.0000	4.26	4.20	4.04	3.73	3.28
24.2500	2.75	2.22	1.72	1.30	.96
24.5000	.72	.54	.41	.31	.23
24.7500	.17	.13	.09	.07	.05
25.0000	.04	.03	.02	.01	.01
25.2500	.00	.00	.00	.00	.00
25.5000	.00	.00	.00	.00	.00
25.7500	.00	.00	.00	.00	.00
26.0000	.00	.00	.00	.00	.00
26.2500	.00	.00	.00	.00	.00
26.5000	.00	.00	.00	.00	.00
26.7500	.00	.00	.00	.00	.00
27.0000	.00	.00	.00	.00	.00
27.2500	.00	.00	.00	.00	.00
27.5000	.00	.00	.00	.00	.00
27.7500	.00	.00	.00	.00	.00
28.0000	.00	.00	.00	.00	.00
28.2500	.00	.00	.00	.00	.00
28.5000	.00	.00	.00	.00	.00
28.7500	.00	.00	.00	.00	.00
29.0000	.00	.00	.00	.00	.00
29.2500	.00	.00	.00	.00	.00
29.5000	.00	.00	.00	.00	.00
29.7500	.00	.00	.00	.00	.00
30.0000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.08

Name... BASI N3A IN Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\



Storm... TypeII 24hr Tag: asbuilt basin 1 2 and 4.txt  
25

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
30.2500	.00	.00	.00	.00	.00
30.5000	.00	.00	.00	.00	.00
30.7500	.00	.00	.00	.00	.00
31.0000	.00	.00	.00	.00	.00
31.2500	.00	.00	.00	.00	.00
31.5000	.00	.00	.00	.00	.00
31.7500	.00	.00	.00	.00	.00
32.0000	.00	.00	.00	.00	.00
32.2500	.00	.00	.00	.00	.00
32.5000	.00	.00	.00	.00	.00
32.7500	.00	.00	.00	.00	.00
33.0000	.00	.00	.00	.00	.00
33.2500	.00	.00	.00	.00	.00
33.5000	.00	.00	.00	.00	.00
33.7500	.00	.00	.00	.00	.00
34.0000	.00	.00	.00	.00	.00
34.2500	.00	.00	.00	.00	.00
34.5000	.00	.00	.00	.00	.00
34.7500	.00	.00	.00	.00	.00
35.0000	.00	.00	.00	.00	.00

S/N:  
PondPack Ver: Compute Time: Date:

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Type... Hydrograph Name... BASIN3A IN Tag: 100 File... \\2serverprsr\PondPack\EI mer-j obs\Di erberg Tract\  
Storm... TypeII 24hr Tag: 100 Page 11.09 Event: 100 yr

ICPM HYDROGRAPH...  
HYG file =  
HYG ID = BASIN3A IN  
HYG Tag = 100

Peak Discharge = 299.42 cfs  
Time to Peak = 12.1500 hrs  
HYG Volume = 1179491 cu. ft

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
.0000	.00	.00	.00	.00	.00
.2500	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00
.7500	.00	.00	.00	.00	.00
1.0000	.00	.00	.00	.00	.00
1.2500	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00
1.7500	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00
2.2500	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00
2.7500	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00

asbuilt basin 1 2 and 4.txt

3. 2500	.00	.00	.00	.00	.00
3. 5000	.00	.00	.00	.00	.00
3. 7500	.00	.00	.00	.00	.00
4. 0000	.00	.00	.00	.00	.00
4. 2500	.00	.00	.00	.00	.00
4. 5000	.00	.00	.00	.00	.00
4. 7500	.00	.00	.00	.00	.00
5. 0000	.00	.00	.00	.00	.00
5. 2500	.00	.00	.00	.00	.00
5. 5000	.00	.00	.00	.00	.00
5. 7500	.00	.00	.00	.00	.00
6. 0000	.00	.00	.00	.00	.00
6. 2500	.00	.00	.00	.00	.00
6. 5000	.00	.00	.00	.00	.00
6. 7500	.00	.00	.00	.00	.00
7. 0000	.00	.00	.00	.00	.00
7. 2500	.01	.02	.04	.06	.09
7. 5000	.12	.16	.20	.24	.29

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.10

Name... BASIN3A IN Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time hrs Time on left represents time for first value in each row.

7. 7500	.33	.38	.43	.47	.52
8. 0000	.57	.62	.67	.73	.78
8. 2500	.84	.90	.97	1.04	1.11
8. 5000	1.18	1.26	1.35	1.43	1.53
8. 7500	1.62	1.71	1.82	1.92	2.03
9. 0000	2.14	2.25	2.36	2.48	2.59
9. 2500	2.70	2.81	2.92	3.02	3.11
9. 5000	3.21	3.30	3.39	3.49	3.59
9. 7500	3.71	3.84	3.98	4.13	4.30
10. 0000	4.47	4.66	4.86	5.07	5.29
10. 2500	5.52	5.77	6.03	6.31	6.61
10. 5000	6.91	7.23	7.57	7.93	8.30
10. 7500	8.71	9.15	9.62	10.12	10.65
11. 0000	11.21	11.79	12.41	13.10	13.87
11. 2500	14.73	15.70	16.78	17.96	19.23
11. 5000	20.61	22.48	25.37	30.31	38.39
11. 7500	50.71	68.62	94.13	129.94	174.99
12. 0000	223.09	264.62	291.58	299.42	287.73
12. 2500	260.59	225.77	191.88	161.96	137.40
12. 5000	117.86	102.12	89.13	78.31	69.56
12. 7500	62.28	56.29	51.37	47.32	43.97
13. 0000	41.15	38.77	36.70	34.84	33.16
13. 2500	31.67	30.38	29.27	28.32	27.50
13. 5000	26.73	26.00	25.30	24.62	23.98
13. 7500	23.36	22.78	22.23	21.71	21.20
14. 0000	20.70	20.22	19.75	19.30	18.89
14. 2500	18.52	18.18	17.88	17.61	17.37
14. 5000	17.15	16.94	16.75	16.57	16.39
14. 7500	16.22	16.05	15.89	15.72	15.56
15. 0000	15.40	15.24	15.08	14.92	14.76
15. 2500	14.60	14.44	14.28	14.12	13.96
15. 5000	13.79	13.63	13.47	13.31	13.15

asbuilt basin 1 2 and 4.txt

15. 7500	12. 98	12. 82	12. 66	12. 50	12. 33
16. 0000	12. 17	12. 01	11. 85	11. 70	11. 55
16. 2500	11. 42	11. 30	11. 19	11. 10	11. 01
16. 5000	10. 93	10. 86	10. 79	10. 73	10. 66
16. 7500	10. 60	10. 54	10. 48	10. 42	10. 36
17. 0000	10. 30	10. 25	10. 19	10. 13	10. 07
17. 2500	10. 01	9. 96	9. 90	9. 84	9. 78
17. 5000	9. 73	9. 67	9. 61	9. 55	9. 49
17. 7500	9. 44	9. 38	9. 32	9. 26	9. 20
18. 0000	9. 14	9. 09	9. 03	8. 97	8. 91
18. 2500	8. 85	8. 79	8. 73	8. 68	8. 62
18. 5000	8. 56	8. 50	8. 44	8. 38	8. 32
18. 7500	8. 26	8. 20	8. 15	8. 09	8. 03

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Hydrograph

Page 11. 11

Name. . . . BASIN3A IN Tag: 100

Event: 100 yr

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm. . . TypeI 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
Time hrs	Time on left represents time for first value in each row.				
19. 0000	7. 97	7. 91	7. 85	7. 79	7. 73
19. 2500	7. 67	7. 61	7. 55	7. 49	7. 43
19. 5000	7. 37	7. 31	7. 25	7. 19	7. 13
19. 7500	7. 07	7. 01	6. 95	6. 89	6. 83
20. 0000	6. 77	6. 72	6. 66	6. 60	6. 55
20. 2500	6. 50	6. 46	6. 43	6. 40	6. 38
20. 5000	6. 36	6. 34	6. 32	6. 31	6. 29
20. 7500	6. 28	6. 26	6. 25	6. 24	6. 23
21. 0000	6. 22	6. 20	6. 19	6. 18	6. 17
21. 2500	6. 16	6. 15	6. 13	6. 12	6. 11
21. 5000	6. 10	6. 09	6. 08	6. 07	6. 05
21. 7500	6. 04	6. 03	6. 02	6. 01	6. 00
22. 0000	5. 99	5. 97	5. 96	5. 95	5. 94
22. 2500	5. 93	5. 92	5. 91	5. 89	5. 88
22. 5000	5. 87	5. 86	5. 85	5. 84	5. 82
22. 7500	5. 81	5. 80	5. 79	5. 78	5. 77
23. 0000	5. 76	5. 74	5. 73	5. 72	5. 71
23. 2500	5. 70	5. 69	5. 67	5. 66	5. 65
23. 5000	5. 64	5. 63	5. 62	5. 60	5. 59
23. 7500	5. 58	5. 57	5. 56	5. 55	5. 53
24. 0000	5. 50	5. 42	5. 22	4. 82	4. 23
24. 2500	3. 55	2. 86	2. 22	1. 67	1. 24
24. 5000	. 93	. 70	. 53	. 40	. 30
24. 7500	. 22	. 17	. 12	. 09	. 07
25. 0000	. 05	. 04	. 02	. 02	. 01
25. 2500	. 01	. 00	. 00	. 00	. 00
25. 5000	. 00	. 00	. 00	. 00	. 00
25. 7500	. 00	. 00	. 00	. 00	. 00
26. 0000	. 00	. 00	. 00	. 00	. 00
26. 2500	. 00	. 00	. 00	. 00	. 00
26. 5000	. 00	. 00	. 00	. 00	. 00
26. 7500	. 00	. 00	. 00	. 00	. 00
27. 0000	. 00	. 00	. 00	. 00	. 00
27. 2500	. 00	. 00	. 00	. 00	. 00
27. 5000	. 00	. 00	. 00	. 00	. 00
27. 7500	. 00	. 00	. 00	. 00	. 00
28. 0000	. 00	. 00	. 00	. 00	. 00

asbuilt basin 1 2 and 4.txt

28. 2500	.00	.00	.00	.00	.00
28. 5000	.00	.00	.00	.00	.00
28. 7500	.00	.00	.00	.00	.00
29. 0000	.00	.00	.00	.00	.00
29. 2500	.00	.00	.00	.00	.00
29. 5000	.00	.00	.00	.00	.00
29. 7500	.00	.00	.00	.00	.00
30. 0000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.12

Name... BASIN3A IN Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
30. 2500	.00	.00	.00	.00	.00
30. 5000	.00	.00	.00	.00	.00
30. 7500	.00	.00	.00	.00	.00
31. 0000	.00	.00	.00	.00	.00
31. 2500	.00	.00	.00	.00	.00
31. 5000	.00	.00	.00	.00	.00
31. 7500	.00	.00	.00	.00	.00
32. 0000	.00	.00	.00	.00	.00
32. 2500	.00	.00	.00	.00	.00
32. 5000	.00	.00	.00	.00	.00
32. 7500	.00	.00	.00	.00	.00
33. 0000	.00	.00	.00	.00	.00
33. 2500	.00	.00	.00	.00	.00
33. 5000	.00	.00	.00	.00	.00
33. 7500	.00	.00	.00	.00	.00
34. 0000	.00	.00	.00	.00	.00
34. 2500	.00	.00	.00	.00	.00
34. 5000	.00	.00	.00	.00	.00
34. 7500	.00	.00	.00	.00	.00
35. 0000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.13

Name... BASIN3A OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

ICPM HYDROGRAPH...

HYG file =

HYG ID = BASIN3A OUT

HYG Tag = 15

Peak Discharge = 79.47 cfs

Time to Peak = 12.4500 hrs

HYG Volume = 736788 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time |

asbuilt basin 1 2 and 4.txt

hrs	Time on left represents time for first value in each row.				
.0000	.00	.00	.00	.00	.00
.2500	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00
.7500	.00	.00	.00	.00	.00
1.0000	.00	.00	.00	.00	.00
1.2500	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00
1.7500	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00
2.2500	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00
2.7500	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00
3.2500	.00	.00	.00	.00	.00
3.5000	.00	.00	.00	.00	.00
3.7500	.00	.00	.00	.00	.00
4.0000	.00	.00	.00	.00	.00
4.2500	.00	.00	.00	.00	.00
4.5000	.00	.00	.00	.00	.00
4.7500	.00	.00	.00	.00	.00
5.0000	.00	.00	.00	.00	.00
5.2500	.00	.00	.00	.00	.00
5.5000	.00	.00	.00	.00	.00
5.7500	.00	.00	.00	.00	.00
6.0000	.00	.00	.00	.00	.00
6.2500	.00	.00	.00	.00	.00
6.5000	.00	.00	.00	.00	.00
6.7500	.00	.00	.00	.00	.00
7.0000	.00	.00	.00	.00	.00
7.2500	.00	.00	.00	.00	.00
7.5000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.14

Name... BASI N3A OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Time hrs	Output Time increment = .0500 hrs				
hrs	Time on left represents time for first value in each row.				
7.7500	.00	.00	.00	.00	.00
8.0000	.00	.00	.00	.00	.00
8.2500	.00	.00	.00	.00	.00
8.5000	.00	.00	.00	.00	.00
8.7500	.00	.00	.00	.00	.01
9.0000	.01	.02	.03	.04	.05
9.2500	.07	.11	.14	.18	.27
9.5000	.37	.45	.53	.59	.66
9.7500	.74	.81	.88	.95	1.03
10.0000	1.11	1.19	1.27	1.35	1.44
10.2500	1.54	1.71	1.86	2.01	2.16
10.5000	2.31	2.47	2.63	2.80	2.98
10.7500	3.17	3.37	3.57	3.76	4.08
11.0000	4.40	4.68	4.95	5.25	5.65
11.2500	6.09	6.57	6.87	7.08	7.35
11.5000	7.69	8.12	8.69	9.51	10.89
11.7500	12.95	16.21	21.55	29.80	41.58

asbuilt basin 1 2 and 4.txt

12. 0000	51. 06	60. 91	68. 42	71. 88	73. 07
12. 2500	75. 15	77. 19	78. 76	79. 45	79. 47
12. 5000	78. 98	78. 08	76. 85	75. 42	73. 88
12. 7500	72. 28	70. 75	69. 27	67. 80	66. 42
13. 0000	65. 22	64. 01	62. 90	61. 79	59. 94
13. 2500	57. 69	55. 60	53. 68	51. 83	50. 03
13. 5000	48. 32	46. 65	45. 00	43. 42	41. 93
13. 7500	39. 05	35. 08	31. 98	28. 54	26. 53
14. 0000	24. 23	21. 85	20. 13	18. 95	17. 80
14. 2500	16. 84	16. 01	15. 39	14. 83	14. 33
14. 5000	13. 87	13. 46	13. 09	12. 77	12. 51
14. 7500	12. 27	12. 06	11. 86	11. 68	11. 51
15. 0000	11. 35	11. 19	11. 02	10. 85	10. 70
15. 2500	10. 55	10. 41	10. 28	10. 16	10. 07
15. 5000	9. 97	9. 87	9. 77	9. 67	9. 56
15. 7500	9. 46	9. 35	9. 25	9. 14	9. 04
16. 0000	8. 93	8. 82	8. 72	8. 61	8. 50
16. 2500	8. 40	8. 30	8. 20	8. 11	8. 03
16. 5000	7. 95	7. 87	7. 80	7. 73	7. 67
16. 7500	7. 60	7. 55	7. 49	7. 44	7. 38
17. 0000	7. 33	7. 29	7. 24	7. 19	7. 15
17. 2500	7. 11	7. 06	7. 02	6. 98	6. 94
17. 5000	6. 90	6. 85	6. 81	6. 78	6. 64
17. 7500	6. 56	6. 49	6. 44	6. 39	6. 35
18. 0000	6. 30	6. 26	6. 22	6. 18	6. 15
18. 2500	6. 11	6. 07	6. 03	5. 99	5. 95
18. 5000	5. 91	5. 87	5. 83	5. 79	5. 75
18. 7500	5. 71	5. 67	5. 63	5. 59	5. 55

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PondPack Ver:

Compute Time:

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Type... Hydrograph

Page 11. 15

Name... BASIN3A OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
19. 0000	5. 51	5. 47	5. 43	5. 39	5. 35
19. 2500	5. 32	5. 29	5. 25	5. 21	5. 17
19. 5000	5. 13	5. 09	5. 05	5. 01	4. 97
19. 7500	4. 93	4. 89	4. 85	4. 81	4. 77
20. 0000	4. 73	4. 69	4. 65	4. 61	4. 57
20. 2500	4. 53	4. 49	4. 45	4. 43	4. 40
20. 5000	4. 39	4. 37	4. 35	4. 34	4. 33
20. 7500	4. 32	4. 31	4. 30	4. 29	4. 28
21. 0000	4. 27	4. 27	4. 26	4. 25	4. 24
21. 2500	4. 24	4. 23	4. 22	4. 21	4. 21
21. 5000	4. 20	4. 19	4. 18	4. 17	4. 17
21. 7500	4. 16	4. 15	4. 14	4. 14	4. 13
22. 0000	4. 12	4. 11	4. 11	4. 10	4. 09
22. 2500	4. 08	4. 08	4. 07	4. 06	4. 05
22. 5000	4. 05	4. 04	4. 03	4. 02	4. 01
22. 7500	4. 01	4. 00	3. 99	3. 98	3. 98
23. 0000	3. 97	3. 96	3. 95	3. 95	3. 94
23. 2500	3. 93	3. 92	3. 91	3. 91	3. 90
23. 5000	3. 89	3. 88	3. 87	3. 87	3. 86
23. 7500	3. 85	3. 84	3. 84	3. 83	3. 82
24. 0000	3. 81	3. 79	3. 75	3. 66	3. 49
24. 2500	3. 18	2. 80	2. 39	1. 98	1. 59

asbuilt basin 1 2 and 4.txt						
24. 5000	1. 37	1. 17	. 97	. 79	. 64	
24. 7500	. 52	. 42	. 33	. 26	. 20	
25. 0000	. 18	. 16	. 15	. 13	. 12	
25. 2500	. 11	. 10	. 09	. 08	. 07	
25. 5000	. 06	. 06	. 05	. 05	. 05	
25. 7500	. 05	. 04	. 04	. 04	. 04	
26. 0000	. 03	. 03	. 03	. 03	. 03	
26. 2500	. 03	. 03	. 02	. 02	. 02	
26. 5000	. 02	. 02	. 02	. 02	. 02	
26. 7500	. 02	. 01	. 01	. 01	. 01	
27. 0000	. 01	. 01	. 01	. 01	. 01	
27. 2500	. 01	. 01	. 01	. 01	. 01	
27. 5000	. 01	. 01	. 01	. 01	. 01	
27. 7500	. 01	. 00	. 00	. 00	. 00	
28. 0000	. 00	. 00	. 00	. 00	. 00	
28. 2500	. 00	. 00	. 00	. 00	. 00	
28. 5000	. 00	. 00	. 00	. 00	. 00	
28. 7500	. 00	. 00	. 00	. 00	. 00	
29. 0000	. 00	. 00	. 00	. 00	. 00	
29. 2500	. 00	. 00	. 00	. 00	. 00	
29. 5000	. 00	. 00	. 00	. 00	. 00	
29. 7500	. 00	. 00	. 00	. 00	. 00	
30. 0000	. 00	. 00	. 00	. 00	. 00	

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PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11. 16

Name... BASI N3A OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)						
Output Time increment = .0500 hrs						
Time hrs	Time on left represents time for first value in each row.					
30. 2500	. 00	. 00	. 00	. 00	. 00	. 00
30. 5000	. 00	. 00	. 00	. 00	. 00	. 00
30. 7500	. 00	. 00	. 00	. 00	. 00	. 00
31. 0000	. 00	. 00	. 00	. 00	. 00	. 00
31. 2500	. 00	. 00	. 00	. 00	. 00	. 00
31. 5000	. 00	. 00	. 00	. 00	. 00	. 00
31. 7500	. 00	. 00	. 00	. 00	. 00	. 00
32. 0000	. 00	. 00	. 00	. 00	. 00	. 00
32. 2500	. 00	. 00	. 00	. 00	. 00	. 00
32. 5000	. 00	. 00	. 00	. 00	. 00	. 00
32. 7500	. 00	. 00	. 00	. 00	. 00	. 00
33. 0000	. 00	. 00	. 00	. 00	. 00	. 00
33. 2500	. 00	. 00	. 00	. 00	. 00	. 00
33. 5000	. 00	. 00	. 00	. 00	. 00	. 00
33. 7500	. 00	. 00	. 00	. 00	. 00	. 00
34. 0000	. 00	. 00	. 00	. 00	. 00	. 00
34. 2500	. 00	. 00	. 00	. 00	. 00	. 00
34. 5000	. 00	. 00	. 00	. 00	. 00	. 00
34. 7500	. 00	. 00	. 00	. 00	. 00	. 00
35. 0000	. 00	. 00	. 00	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11. 17

Name... BASI N3A OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... Type I 24hr Tag: 25 asbuilt basin 1 2 and 4.txt

ICPM HYDROGRAPH...  
 HYG file =  
 HYG ID = BASIN3A OUT  
 HYG Tag = 25

Peak Discharge = 89.70 cfs  
 Time to Peak = 12.4000 hrs  
 HYG Volume = 856276 cu. ft

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
.0000	.00	.00	.00	.00	.00
.2500	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00
.7500	.00	.00	.00	.00	.00
1.0000	.00	.00	.00	.00	.00
1.2500	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00
1.7500	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00
2.2500	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00
2.7500	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00
3.2500	.00	.00	.00	.00	.00
3.5000	.00	.00	.00	.00	.00
3.7500	.00	.00	.00	.00	.00
4.0000	.00	.00	.00	.00	.00
4.2500	.00	.00	.00	.00	.00
4.5000	.00	.00	.00	.00	.00
4.7500	.00	.00	.00	.00	.00
5.0000	.00	.00	.00	.00	.00
5.2500	.00	.00	.00	.00	.00
5.5000	.00	.00	.00	.00	.00
5.7500	.00	.00	.00	.00	.00
6.0000	.00	.00	.00	.00	.00
6.2500	.00	.00	.00	.00	.00
6.5000	.00	.00	.00	.00	.00
6.7500	.00	.00	.00	.00	.00
7.0000	.00	.00	.00	.00	.00
7.2500	.00	.00	.00	.00	.00
7.5000	.00	.00	.00	.00	.00

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Hydrograph Page 11.18  
 Name... BASIN3A OUT Tag: 25 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
7.7500	.00	.00	.00	.00	.00
8.0000	.00	.00	.00	.00	.00



asbuilt basin 1 2 and 4.txt

8. 2500	.00	.00	.00	.00	.00
8. 5000	.01	.01	.02	.02	.03
8. 7500	.05	.06	.09	.13	.17
9. 0000	.23	.34	.43	.51	.59
9. 2500	.67	.75	.83	.91	.98
9. 5000	1.06	1.13	1.19	1.25	1.32
9. 7500	1.39	1.46	1.54	1.67	1.79
10. 0000	1.91	2.03	2.15	2.27	2.40
10. 2500	2.53	2.67	2.82	2.98	3.15
10. 5000	3.33	3.51	3.67	3.88	4.17
10. 7500	4.44	4.68	4.91	5.18	5.50
11. 0000	5.89	6.27	6.66	6.87	7.04
11. 2500	7.26	7.54	7.87	8.28	8.75
11. 5000	9.30	9.92	10.83	11.97	13.66
11. 7500	16.25	20.49	27.12	36.96	47.92
12. 0000	57.27	67.52	72.40	74.59	78.30
12. 2500	82.71	86.31	88.81	89.70	89.50
12. 5000	88.85	87.88	86.73	85.43	83.57
12. 7500	81.55	79.47	77.46	75.51	73.65
13. 0000	71.84	70.16	68.64	67.15	65.75
13. 2500	64.57	63.43	62.37	61.27	58.99
13. 5000	56.77	54.76	52.90	51.09	49.33
13. 7500	47.65	45.99	44.39	42.85	41.40
14. 0000	37.51	33.86	30.94	27.69	26.17
14. 2500	23.43	21.35	19.86	18.83	17.78
14. 5000	16.94	16.22	15.65	15.18	14.77
14. 7500	14.39	14.04	13.73	13.45	13.19
15. 0000	12.96	12.75	12.56	12.40	12.24
15. 2500	12.09	11.94	11.79	11.65	11.51
15. 5000	11.38	11.25	11.10	10.94	10.79
15. 7500	10.65	10.50	10.37	10.23	10.12
16. 0000	10.02	9.91	9.80	9.69	9.58
16. 2500	9.47	9.36	9.25	9.15	9.06
16. 5000	8.96	8.88	8.80	8.72	8.65
16. 7500	8.58	8.51	8.45	8.39	8.33
17. 0000	8.27	8.22	8.16	8.11	8.06
17. 2500	8.02	7.97	7.92	7.88	7.83
17. 5000	7.79	7.74	7.70	7.65	7.61
17. 7500	7.56	7.52	7.47	7.43	7.38
18. 0000	7.34	7.30	7.25	7.21	7.16
18. 2500	7.12	7.07	7.03	6.98	6.94
18. 5000	6.89	6.85	6.80	6.72	6.59
18. 7500	6.50	6.43	6.37	6.32	6.27

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PondPack Ver:

Compute Time:

Date:

Type... Hydrograph

Page 11.19

Name... BASI N3A OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
19. 0000	6.22	6.18	6.13	6.09	6.04
19. 2500	6.00	5.95	5.90	5.86	5.81
19. 5000	5.77	5.72	5.68	5.63	5.58
19. 7500	5.54	5.49	5.45	5.40	5.36
20. 0000	5.32	5.28	5.24	5.19	5.15
20. 2500	5.11	5.08	5.04	5.01	4.98
20. 5000	4.96	4.94	4.92	4.91	4.89

asbuilt basin 1 2 and 4.txt

20. 7500	4. 88	4. 87	4. 86	4. 85	4. 84
21. 0000	4. 83	4. 82	4. 81	4. 80	4. 79
21. 2500	4. 78	4. 77	4. 76	4. 75	4. 75
21. 5000	4. 74	4. 73	4. 72	4. 71	4. 70
21. 7500	4. 69	4. 68	4. 68	4. 67	4. 66
22. 0000	4. 65	4. 64	4. 63	4. 62	4. 62
22. 2500	4. 61	4. 60	4. 59	4. 58	4. 57
22. 5000	4. 56	4. 55	4. 55	4. 53	4. 52
22. 7500	4. 51	4. 51	4. 50	4. 49	4. 48
23. 0000	4. 47	4. 46	4. 45	4. 44	4. 44
23. 2500	4. 43	4. 42	4. 41	4. 40	4. 39
23. 5000	4. 38	4. 37	4. 36	4. 36	4. 35
23. 7500	4. 34	4. 33	4. 32	4. 31	4. 30
24. 0000	4. 29	4. 26	4. 20	4. 06	3. 80
24. 2500	3. 56	3. 16	2. 70	2. 23	1. 80
24. 5000	1. 46	1. 26	1. 06	. 87	. 70
24. 7500	. 57	. 47	. 37	. 29	. 23
25. 0000	. 19	. 17	. 15	. 14	. 13
25. 2500	. 11	. 10	. 09	. 08	. 07
25. 5000	. 06	. 06	. 05	. 05	. 05
25. 7500	. 05	. 04	. 04	. 04	. 04
26. 0000	. 04	. 03	. 03	. 03	. 03
26. 2500	. 03	. 03	. 02	. 02	. 02
26. 5000	. 02	. 02	. 02	. 02	. 02
26. 7500	. 02	. 01	. 01	. 01	. 01
27. 0000	. 01	. 01	. 01	. 01	. 01
27. 2500	. 01	. 01	. 01	. 01	. 01
27. 5000	. 01	. 01	. 01	. 01	. 01
27. 7500	. 01	. 00	. 00	. 00	. 00
28. 0000	. 00	. 00	. 00	. 00	. 00
28. 2500	. 00	. 00	. 00	. 00	. 00
28. 5000	. 00	. 00	. 00	. 00	. 00
28. 7500	. 00	. 00	. 00	. 00	. 00
29. 0000	. 00	. 00	. 00	. 00	. 00
29. 2500	. 00	. 00	. 00	. 00	. 00
29. 5000	. 00	. 00	. 00	. 00	. 00
29. 7500	. 00	. 00	. 00	. 00	. 00
30. 0000	. 00	. 00	. 00	. 00	. 00

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PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11. 20

Name... BASI N3A OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
30. 2500	. 00	. 00	. 00	. 00	. 00
30. 5000	. 00	. 00	. 00	. 00	. 00
30. 7500	. 00	. 00	. 00	. 00	. 00
31. 0000	. 00	. 00	. 00	. 00	. 00
31. 2500	. 00	. 00	. 00	. 00	. 00
31. 5000	. 00	. 00	. 00	. 00	. 00
31. 7500	. 00	. 00	. 00	. 00	. 00
32. 0000	. 00	. 00	. 00	. 00	. 00
32. 2500	. 00	. 00	. 00	. 00	. 00
32. 5000	. 00	. 00	. 00	. 00	. 00
32. 7500	. 00	. 00	. 00	. 00	. 00
33. 0000	. 00	. 00	. 00	. 00	. 00

asbuilt basin 1 2 and 4.txt

33. 2500	.00	.00	.00	.00	.00
33. 5000	.00	.00	.00	.00	.00
33. 7500	.00	.00	.00	.00	.00
34. 0000	.00	.00	.00	.00	.00
34. 2500	.00	.00	.00	.00	.00
34. 5000	.00	.00	.00	.00	.00
34. 7500	.00	.00	.00	.00	.00
35. 0000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.21

Name... BASIN3A OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

ICPM HYDROGRAPH...

HYG file =

HYG ID = BASIN3A OUT

HYG Tag = 100

Peak Discharge = 110.98 cfs

Time to Peak = 12.4500 hrs

HYG Volume = 1179576 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
. 0000	.00	.00	.00	.00	.00
. 2500	.00	.00	.00	.00	.00
. 5000	.00	.00	.00	.00	.00
. 7500	.00	.00	.00	.00	.00
1. 0000	.00	.00	.00	.00	.00
1. 2500	.00	.00	.00	.00	.00
1. 5000	.00	.00	.00	.00	.00
1. 7500	.00	.00	.00	.00	.00
2. 0000	.00	.00	.00	.00	.00
2. 2500	.00	.00	.00	.00	.00
2. 5000	.00	.00	.00	.00	.00
2. 7500	.00	.00	.00	.00	.00
3. 0000	.00	.00	.00	.00	.00
3. 2500	.00	.00	.00	.00	.00
3. 5000	.00	.00	.00	.00	.00
3. 7500	.00	.00	.00	.00	.00
4. 0000	.00	.00	.00	.00	.00
4. 2500	.00	.00	.00	.00	.00
4. 5000	.00	.00	.00	.00	.00
4. 7500	.00	.00	.00	.00	.00
5. 0000	.00	.00	.00	.00	.00
5. 2500	.00	.00	.00	.00	.00
5. 5000	.00	.00	.00	.00	.00
5. 7500	.00	.00	.00	.00	.00
6. 0000	.00	.00	.00	.00	.00
6. 2500	.00	.00	.00	.00	.00
6. 5000	.00	.00	.00	.00	.00
6. 7500	.00	.00	.00	.00	.00
7. 0000	.00	.00	.00	.00	.00
7. 2500	.00	.00	.00	.01	.01
7. 5000	.01	.02	.03	.04	.05



asbuilt basin 1 2 and 4.txt

Name... BASIN3A OUT Tag: 100 Event: 100 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
19.0000	8.34	8.28	8.22	8.16	8.10
19.2500	8.05	7.99	7.93	7.88	7.82
19.5000	7.76	7.70	7.64	7.58	7.53
19.7500	7.47	7.41	7.35	7.29	7.23
20.0000	7.17	7.11	7.05	6.99	6.93
20.2500	6.88	6.82	6.77	6.60	6.51
20.5000	6.44	6.40	6.37	6.34	6.32
20.7500	6.31	6.29	6.28	6.26	6.25
21.0000	6.24	6.22	6.21	6.20	6.19
21.2500	6.18	6.17	6.16	6.14	6.13
21.5000	6.12	6.11	6.10	6.09	6.08
21.7500	6.06	6.05	6.04	6.03	6.02
22.0000	6.01	6.00	5.98	5.97	5.96
22.2500	5.95	5.94	5.93	5.91	5.90
22.5000	5.89	5.88	5.87	5.86	5.85
22.7500	5.83	5.82	5.81	5.80	5.79
23.0000	5.78	5.76	5.75	5.74	5.73
23.2500	5.72	5.71	5.69	5.68	5.67
23.5000	5.66	5.65	5.64	5.63	5.61
23.7500	5.60	5.59	5.58	5.57	5.55
24.0000	5.54	5.51	5.42	5.26	5.00
24.2500	4.60	3.97	3.47	2.88	2.33
24.5000	1.84	1.47	1.27	1.06	.87
24.7500	.70	.57	.46	.36	.28
25.0000	.22	.19	.17	.15	.14
25.2500	.12	.11	.10	.09	.08
25.5000	.07	.06	.06	.05	.05
25.7500	.05	.05	.04	.04	.04
26.0000	.04	.04	.03	.03	.03
26.2500	.03	.03	.03	.02	.02
26.5000	.02	.02	.02	.02	.02
26.7500	.02	.02	.01	.01	.01
27.0000	.01	.01	.01	.01	.01
27.2500	.01	.01	.01	.01	.01
27.5000	.01	.01	.01	.01	.01
27.7500	.01	.01	.00	.00	.00
28.0000	.00	.00	.00	.00	.00
28.2500	.00	.00	.00	.00	.00
28.5000	.00	.00	.00	.00	.00
28.7500	.00	.00	.00	.00	.00
29.0000	.00	.00	.00	.00	.00
29.2500	.00	.00	.00	.00	.00
29.5000	.00	.00	.00	.00	.00
29.7500	.00	.00	.00	.00	.00
30.0000	.00	.00	.00	.00	.00

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 PondPack Ver: Compute Time: Date:

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Type... Hydrograph Page 11.24  
 Name... BASIN3A OUT Tag: 100 Event: 100 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

asbuilt basin 1 2 and 4.txt

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
30.2500	.00	.00	.00	.00	.00
30.5000	.00	.00	.00	.00	.00
30.7500	.00	.00	.00	.00	.00
31.0000	.00	.00	.00	.00	.00
31.2500	.00	.00	.00	.00	.00
31.5000	.00	.00	.00	.00	.00
31.7500	.00	.00	.00	.00	.00
32.0000	.00	.00	.00	.00	.00
32.2500	.00	.00	.00	.00	.00
32.5000	.00	.00	.00	.00	.00
32.7500	.00	.00	.00	.00	.00
33.0000	.00	.00	.00	.00	.00
33.2500	.00	.00	.00	.00	.00
33.5000	.00	.00	.00	.00	.00
33.7500	.00	.00	.00	.00	.00
34.0000	.00	.00	.00	.00	.00
34.2500	.00	.00	.00	.00	.00
34.5000	.00	.00	.00	.00	.00
34.7500	.00	.00	.00	.00	.00
35.0000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Hydrograph

Name... BASIN3B IN Tag: 15

Page 11.25

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeI 24hr Tag: 15

I CPM HYDROGRAPH...

HYG file =

HYG ID = BASIN3B IN

HYG Tag = 15

Peak Discharge = 80.46 cfs

Time to Peak = 12.4000 hrs

HYG Volume = 747895 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
.0000	.00	.00	.00	.00	.00
.2500	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00
.7500	.00	.00	.00	.00	.00
1.0000	.00	.00	.00	.00	.00
1.2500	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00
1.7500	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00
2.2500	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00
2.7500	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00
3.2500	.00	.00	.00	.00	.00
3.5000	.00	.00	.00	.00	.00
3.7500	.00	.00	.00	.00	.00

asbuilt basin 1 2 and 4.txt

4.0000	.00	.00	.00	.00	.00
4.2500	.00	.00	.00	.00	.00
4.5000	.00	.00	.00	.00	.00
4.7500	.00	.00	.00	.00	.00
5.0000	.00	.00	.00	.00	.00
5.2500	.00	.00	.00	.00	.00
5.5000	.00	.00	.00	.00	.00
5.7500	.00	.00	.00	.00	.00
6.0000	.00	.00	.00	.00	.00
6.2500	.00	.00	.00	.00	.00
6.5000	.00	.00	.00	.00	.00
6.7500	.00	.00	.00	.00	.00
7.0000	.00	.00	.00	.00	.00
7.2500	.00	.00	.00	.00	.00
7.5000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.26

Name... BASIN3B IN Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
7.7500	.00	.00	.00	.00	.00
8.0000	.00	.00	.00	.00	.00
8.2500	.00	.00	.00	.00	.00
8.5000	.00	.00	.00	.00	.00
8.7500	.00	.00	.00	.00	.01
9.0000	.01	.02	.03	.04	.05
9.2500	.07	.11	.14	.18	.27
9.5000	.37	.45	.53	.59	.66
9.7500	.74	.81	.88	.96	1.04
10.0000	1.12	1.19	1.27	1.36	1.45
10.2500	1.55	1.72	1.88	2.03	2.18
10.5000	2.33	2.49	2.66	2.83	3.01
10.7500	3.20	3.41	3.61	3.81	4.13
11.0000	4.46	4.74	5.02	5.32	5.73
11.2500	6.18	6.67	6.98	7.20	7.48
11.5000	7.84	8.28	8.89	9.78	11.27
11.7500	13.51	17.04	22.75	31.57	44.04
12.0000	54.16	64.35	71.81	74.84	75.46
12.2500	77.01	78.65	79.95	80.46	80.33
12.5000	79.74	78.75	77.45	75.96	74.37
12.7500	72.73	71.18	69.68	68.18	66.79
13.0000	65.58	64.35	63.23	62.11	60.25
13.2500	57.99	55.89	53.97	52.11	50.30
13.5000	48.58	46.91	45.25	43.67	42.17
13.7500	39.29	35.31	32.20	28.76	26.74
14.0000	24.44	22.06	20.33	19.15	17.99
14.2500	17.03	16.20	15.57	15.01	14.51
14.5000	14.04	13.63	13.27	12.95	12.68
14.7500	12.45	12.23	12.03	11.85	11.67
15.0000	11.51	11.35	11.18	11.01	10.85
15.2500	10.70	10.56	10.43	10.31	10.21
15.5000	10.11	10.01	9.91	9.81	9.70
15.7500	9.60	9.49	9.38	9.28	9.17
16.0000	9.06	8.95	8.84	8.73	8.63
16.2500	8.52	8.42	8.32	8.23	8.14

asbuilt basin 1 2 and 4.txt

16. 5000	8. 06	7. 99	7. 91	7. 85	7. 78
16. 7500	7. 72	7. 66	7. 60	7. 55	7. 50
17. 0000	7. 45	7. 40	7. 35	7. 30	7. 26
17. 2500	7. 21	7. 17	7. 13	7. 08	7. 04
17. 5000	7. 00	6. 96	6. 92	6. 88	6. 75
17. 7500	6. 66	6. 59	6. 54	6. 49	6. 45
18. 0000	6. 40	6. 36	6. 32	6. 28	6. 24
18. 2500	6. 20	6. 16	6. 12	6. 08	6. 04
18. 5000	6. 00	5. 96	5. 92	5. 88	5. 84
18. 7500	5. 80	5. 76	5. 72	5. 68	5. 64

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.27

Name... BASI N3B IN Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
19. 0000	5. 60	5. 56	5. 52	5. 48	5. 44
19. 2500	5. 40	5. 37	5. 33	5. 29	5. 25
19. 5000	5. 21	5. 17	5. 13	5. 09	5. 05
19. 7500	5. 01	4. 97	4. 93	4. 88	4. 84
20. 0000	4. 80	4. 76	4. 72	4. 68	4. 64
20. 2500	4. 60	4. 56	4. 52	4. 50	4. 47
20. 5000	4. 46	4. 44	4. 42	4. 41	4. 40
20. 7500	4. 39	4. 38	4. 37	4. 36	4. 35
21. 0000	4. 34	4. 33	4. 33	4. 32	4. 31
21. 2500	4. 30	4. 30	4. 29	4. 28	4. 27
21. 5000	4. 26	4. 26	4. 25	4. 24	4. 23
21. 7500	4. 23	4. 22	4. 21	4. 20	4. 20
22. 0000	4. 19	4. 18	4. 17	4. 16	4. 16
22. 2500	4. 15	4. 14	4. 13	4. 13	4. 12
22. 5000	4. 11	4. 10	4. 10	4. 09	4. 08
22. 7500	4. 07	4. 06	4. 06	4. 05	4. 04
23. 0000	4. 03	4. 02	4. 02	4. 01	4. 00
23. 2500	3. 99	3. 99	3. 98	3. 97	3. 96
23. 5000	3. 95	3. 95	3. 94	3. 93	3. 92
23. 7500	3. 91	3. 91	3. 90	3. 89	3. 88
24. 0000	3. 87	3. 84	3. 80	3. 70	3. 53
24. 2500	3. 20	2. 82	2. 40	1. 98	1. 59
24. 5000	1. 37	1. 18	. 97	. 79	. 64
24. 7500	. 52	. 42	. 33	. 26	. 20
25. 0000	. 18	. 16	. 15	. 13	. 12
25. 2500	. 11	. 10	. 09	. 08	. 07
25. 5000	. 06	. 06	. 05	. 05	. 05
25. 7500	. 05	. 04	. 04	. 04	. 04
26. 0000	. 03	. 03	. 03	. 03	. 03
26. 2500	. 03	. 03	. 02	. 02	. 02
26. 5000	. 02	. 02	. 02	. 02	. 02
26. 7500	. 02	. 01	. 01	. 01	. 01
27. 0000	. 01	. 01	. 01	. 01	. 01
27. 2500	. 01	. 01	. 01	. 01	. 01
27. 5000	. 01	. 01	. 01	. 01	. 01
27. 7500	. 01	. 00	. 00	. 00	. 00
28. 0000	. 00	. 00	. 00	. 00	. 00
28. 2500	. 00	. 00	. 00	. 00	. 00
28. 5000	. 00	. 00	. 00	. 00	. 00
28. 7500	. 00	. 00	. 00	. 00	. 00



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asbuilt basin 1 2 and 4.txt
29.0000 | .00 .00 .00 .00 .00
29.2500 | .00 .00 .00 .00 .00
29.5000 | .00 .00 .00 .00 .00
29.7500 | .00 .00 .00 .00 .00
30.0000 | .00 .00 .00 .00 .00

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S/N:  
PondPack Ver: Compute Time: Date:

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Type... Hydrograph Page 11.28
Name... BASIN3B IN Tag: 15 Event: 15 yr
File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\
Storm... TypeII 24hr Tag: 15

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HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
30.2500	.00	.00	.00	.00	.00
30.5000	.00	.00	.00	.00	.00
30.7500	.00	.00	.00	.00	.00
31.0000	.00	.00	.00	.00	.00
31.2500	.00	.00	.00	.00	.00
31.5000	.00	.00	.00	.00	.00
31.7500	.00	.00	.00	.00	.00
32.0000	.00	.00	.00	.00	.00
32.2500	.00	.00	.00	.00	.00
32.5000	.00	.00	.00	.00	.00
32.7500	.00	.00	.00	.00	.00
33.0000	.00	.00	.00	.00	.00
33.2500	.00	.00	.00	.00	.00
33.5000	.00	.00	.00	.00	.00
33.7500	.00	.00	.00	.00	.00
34.0000	.00	.00	.00	.00	.00
34.2500	.00	.00	.00	.00	.00
34.5000	.00	.00	.00	.00	.00
34.7500	.00	.00	.00	.00	.00
35.0000	.00	.00	.00	.00	.00

S/N:  
PondPack Ver: Compute Time: Date:

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Type... Hydrograph Page 11.29
Name... BASIN3B IN Tag: 25 Event: 25 yr
File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\
Storm... TypeII 24hr Tag: 25

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ICPM HYDROGRAPH...
HYG file =
HYG ID = BASIN3B IN
HYG Tag = 25
-----
Peak Discharge = 90.87 cfs
Time to Peak = 12.4000 hrs
HYG Volume = 869331 cu. ft
-----

```

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
.0000	.00	.00	.00	.00	.00

asbuilt basin 1 2 and 4.txt

. 2500	.00	.00	.00	.00	.00
. 5000	.00	.00	.00	.00	.00
. 7500	.00	.00	.00	.00	.00
1. 0000	.00	.00	.00	.00	.00
1. 2500	.00	.00	.00	.00	.00
1. 5000	.00	.00	.00	.00	.00
1. 7500	.00	.00	.00	.00	.00
2. 0000	.00	.00	.00	.00	.00
2. 2500	.00	.00	.00	.00	.00
2. 5000	.00	.00	.00	.00	.00
2. 7500	.00	.00	.00	.00	.00
3. 0000	.00	.00	.00	.00	.00
3. 2500	.00	.00	.00	.00	.00
3. 5000	.00	.00	.00	.00	.00
3. 7500	.00	.00	.00	.00	.00
4. 0000	.00	.00	.00	.00	.00
4. 2500	.00	.00	.00	.00	.00
4. 5000	.00	.00	.00	.00	.00
4. 7500	.00	.00	.00	.00	.00
5. 0000	.00	.00	.00	.00	.00
5. 2500	.00	.00	.00	.00	.00
5. 5000	.00	.00	.00	.00	.00
5. 7500	.00	.00	.00	.00	.00
6. 0000	.00	.00	.00	.00	.00
6. 2500	.00	.00	.00	.00	.00
6. 5000	.00	.00	.00	.00	.00
6. 7500	.00	.00	.00	.00	.00
7. 0000	.00	.00	.00	.00	.00
7. 2500	.00	.00	.00	.00	.00
7. 5000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.30

Name... BASIN3B IN Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
7. 7500	.00	.00	.00	.00	.00
8. 0000	.00	.00	.00	.00	.00
8. 2500	.00	.00	.00	.00	.00
8. 5000	.01	.01	.02	.02	.03
8. 7500	.05	.06	.09	.13	.17
9. 0000	.23	.34	.43	.51	.59
9. 2500	.67	.75	.83	.91	.99
9. 5000	1.06	1.13	1.20	1.26	1.33
9. 7500	1.40	1.47	1.55	1.68	1.81
10. 0000	1.93	2.04	2.17	2.29	2.42
10. 2500	2.56	2.70	2.85	3.02	3.19
10. 5000	3.37	3.56	3.72	3.93	4.22
10. 7500	4.50	4.74	4.98	5.25	5.58
11. 0000	5.97	6.36	6.76	6.97	7.15
11. 2500	7.38	7.67	8.02	8.44	8.93
11. 5000	9.49	10.13	11.09	12.31	14.14
11. 7500	16.95	21.52	28.60	39.11	50.87
12. 0000	60.96	71.59	76.39	78.07	81.09
12. 2500	84.89	88.02	90.20	90.87	90.50
12. 5000	89.73	88.66	87.42	86.05	84.13

asbuilt basin 1 2 and 4.txt

12.7500	82.08	79.96	77.92	75.95	74.08
13.0000	72.25	70.55	69.02	67.51	66.10
13.2500	64.91	63.76	62.70	61.59	59.30
13.5000	57.07	55.06	53.19	51.37	49.60
13.7500	47.92	46.26	44.65	43.10	41.65
14.0000	37.75	34.09	31.17	27.92	26.39
14.2500	23.65	21.56	20.07	19.04	17.99
14.5000	17.14	16.42	15.86	15.38	14.96
14.7500	14.59	14.23	13.92	13.64	13.38
15.0000	13.14	12.93	12.75	12.58	12.42
15.2500	12.26	12.11	11.96	11.82	11.68
15.5000	11.54	11.41	11.26	11.10	10.95
15.7500	10.80	10.66	10.52	10.38	10.27
16.0000	10.16	10.05	9.94	9.83	9.72
16.2500	9.61	9.50	9.39	9.29	9.19
16.5000	9.10	9.01	8.93	8.85	8.78
16.7500	8.71	8.64	8.58	8.51	8.46
17.0000	8.40	8.34	8.29	8.24	8.19
17.2500	8.14	8.09	8.05	8.00	7.95
17.5000	7.91	7.86	7.82	7.77	7.72
17.7500	7.68	7.63	7.59	7.54	7.50
18.0000	7.45	7.41	7.36	7.32	7.27
18.2500	7.23	7.18	7.14	7.09	7.04
18.5000	7.00	6.95	6.91	6.82	6.70
18.7500	6.60	6.53	6.47	6.42	6.37

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Hydrograph

Page 11.31

Name... BASI N3B IN Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
19.0000	6.32	6.28	6.23	6.18	6.14
19.2500	6.09	6.04	6.00	5.95	5.90
19.5000	5.86	5.81	5.77	5.72	5.67
19.7500	5.63	5.58	5.53	5.49	5.44
20.0000	5.40	5.36	5.32	5.28	5.23
20.2500	5.19	5.16	5.12	5.09	5.06
20.5000	5.04	5.02	5.00	4.99	4.97
20.7500	4.96	4.95	4.93	4.92	4.91
21.0000	4.90	4.89	4.88	4.88	4.87
21.2500	4.86	4.85	4.84	4.83	4.82
21.5000	4.81	4.80	4.80	4.79	4.78
21.7500	4.77	4.76	4.75	4.74	4.73
22.0000	4.73	4.72	4.71	4.70	4.69
22.2500	4.68	4.67	4.66	4.65	4.65
22.5000	4.64	4.63	4.62	4.61	4.60
22.7500	4.59	4.58	4.57	4.56	4.55
23.0000	4.54	4.53	4.53	4.52	4.51
23.2500	4.50	4.49	4.48	4.47	4.46
23.5000	4.45	4.44	4.44	4.43	4.42
23.7500	4.41	4.40	4.39	4.38	4.37
24.0000	4.36	4.33	4.26	4.10	3.84
24.2500	3.58	3.18	2.71	2.24	1.80
24.5000	1.47	1.27	1.07	.87	.70
24.7500	.57	.47	.37	.29	.23
25.0000	.19	.17	.15	.14	.13

asbuilt basin 1 2 and 4.txt

25. 2500	.11	.10	.09	.08	.07
25. 5000	.06	.06	.05	.05	.05
25. 7500	.05	.04	.04	.04	.04
26. 0000	.04	.03	.03	.03	.03
26. 2500	.03	.03	.02	.02	.02
26. 5000	.02	.02	.02	.02	.02
26. 7500	.02	.01	.01	.01	.01
27. 0000	.01	.01	.01	.01	.01
27. 2500	.01	.01	.01	.01	.01
27. 5000	.01	.01	.01	.01	.01
27. 7500	.01	.00	.00	.00	.00
28. 0000	.00	.00	.00	.00	.00
28. 2500	.00	.00	.00	.00	.00
28. 5000	.00	.00	.00	.00	.00
28. 7500	.00	.00	.00	.00	.00
29. 0000	.00	.00	.00	.00	.00
29. 2500	.00	.00	.00	.00	.00
29. 5000	.00	.00	.00	.00	.00
29. 7500	.00	.00	.00	.00	.00
30. 0000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11. 32

Name... BASI N3B IN Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
30. 2500	.00	.00	.00	.00	.00
30. 5000	.00	.00	.00	.00	.00
30. 7500	.00	.00	.00	.00	.00
31. 0000	.00	.00	.00	.00	.00
31. 2500	.00	.00	.00	.00	.00
31. 5000	.00	.00	.00	.00	.00
31. 7500	.00	.00	.00	.00	.00
32. 0000	.00	.00	.00	.00	.00
32. 2500	.00	.00	.00	.00	.00
32. 5000	.00	.00	.00	.00	.00
32. 7500	.00	.00	.00	.00	.00
33. 0000	.00	.00	.00	.00	.00
33. 2500	.00	.00	.00	.00	.00
33. 5000	.00	.00	.00	.00	.00
33. 7500	.00	.00	.00	.00	.00
34. 0000	.00	.00	.00	.00	.00
34. 2500	.00	.00	.00	.00	.00
34. 5000	.00	.00	.00	.00	.00
34. 7500	.00	.00	.00	.00	.00
35. 0000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Hydrograph

Page 11. 33

Name... BASI N3B IN Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

asbuilt basin 1 2 and 4.txt

ICPM HYDROGRAPH...

HYG file =  
 HYG ID = BASIN3B IN  
 HYG Tag = 100

-----  
 Peak Discharge = 112.38 cfs  
 Time to Peak = 12.4000 hrs  
 HYG Volume = 1197962 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
.0000	.00	.00	.00	.00	.00
.2500	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00
.7500	.00	.00	.00	.00	.00
1.0000	.00	.00	.00	.00	.00
1.2500	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00
1.7500	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00
2.2500	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00
2.7500	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00
3.2500	.00	.00	.00	.00	.00
3.5000	.00	.00	.00	.00	.00
3.7500	.00	.00	.00	.00	.00
4.0000	.00	.00	.00	.00	.00
4.2500	.00	.00	.00	.00	.00
4.5000	.00	.00	.00	.00	.00
4.7500	.00	.00	.00	.00	.00
5.0000	.00	.00	.00	.00	.00
5.2500	.00	.00	.00	.00	.00
5.5000	.00	.00	.00	.00	.00
5.7500	.00	.00	.00	.00	.00
6.0000	.00	.00	.00	.00	.00
6.2500	.00	.00	.00	.00	.00
6.5000	.00	.00	.00	.00	.00
6.7500	.00	.00	.00	.00	.00
7.0000	.00	.00	.00	.00	.00
7.2500	.00	.00	.00	.01	.01
7.5000	.01	.02	.03	.04	.05

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Hydrograph

Page 11.34

Name... BASIN3B IN Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
7.7500	.07	.10	.14	.17	.22
8.0000	.31	.39	.46	.52	.58
8.2500	.64	.70	.77	.83	.90
8.5000	.97	1.04	1.12	1.19	1.26
8.7500	1.34	1.42	1.51	1.63	1.77

asbuilt basin 1 2 and 4.txt

9.0000	1.90	2.03	2.15	2.26	2.38
9.2500	2.50	2.61	2.72	2.83	2.93
9.5000	3.03	3.13	3.23	3.32	3.42
9.7500	3.53	3.62	3.72	3.84	4.04
10.0000	4.22	4.41	4.60	4.76	4.93
10.2500	5.13	5.34	5.61	5.90	6.19
10.5000	6.49	6.80	6.95	7.08	7.25
10.7500	7.45	7.68	7.94	8.24	8.58
11.0000	8.96	9.36	9.80	10.27	10.89
11.2500	11.56	12.17	12.86	13.69	14.61
11.5000	15.55	16.64	18.12	20.05	23.07
11.7500	27.74	34.69	45.18	54.14	65.89
12.0000	74.73	80.28	86.32	94.87	101.24
12.2500	106.08	109.51	111.53	112.38	112.36
12.5000	112.00	111.36	110.36	109.06	107.54
12.7500	105.77	103.83	101.80	99.58	97.46
13.0000	95.21	92.96	90.84	88.73	86.85
13.2500	84.93	83.11	80.42	77.95	75.62
13.5000	73.65	71.73	70.00	68.47	66.97
13.7500	65.61	64.44	63.38	62.35	60.99
14.0000	58.71	56.54	54.58	52.75	50.95
14.2500	49.24	47.62	45.98	44.44	42.97
14.5000	41.57	37.55	34.19	31.46	28.41
14.7500	27.13	24.69	22.73	21.42	20.34
15.0000	19.53	18.86	18.20	17.65	17.17
15.2500	16.76	16.38	16.07	15.80	15.55
15.5000	15.31	15.09	14.88	14.67	14.46
15.7500	14.25	14.05	13.86	13.67	13.49
16.0000	13.31	13.13	12.95	12.79	12.63
16.2500	12.49	12.34	12.20	12.06	11.93
16.5000	11.81	11.70	11.59	11.49	11.39
16.7500	11.29	11.19	11.09	11.00	10.92
17.0000	10.84	10.76	10.69	10.62	10.55
17.2500	10.49	10.42	10.36	10.31	10.26
17.5000	10.21	10.15	10.10	10.05	9.99
17.7500	9.94	9.88	9.83	9.77	9.71
18.0000	9.65	9.60	9.54	9.48	9.42
18.2500	9.36	9.30	9.24	9.18	9.13
18.5000	9.07	9.01	8.95	8.89	8.83
18.7500	8.77	8.71	8.65	8.59	8.53

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Hydrograph

Page 11.35

Name... BASIN3B IN Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
19.0000	8.47	8.41	8.35	8.29	8.23
19.2500	8.17	8.11	8.06	8.00	7.94
19.5000	7.88	7.82	7.76	7.70	7.64
19.7500	7.58	7.52	7.46	7.40	7.34
20.0000	7.28	7.22	7.16	7.10	7.04
20.2500	6.98	6.93	6.88	6.70	6.61
20.5000	6.55	6.50	6.47	6.45	6.43
20.7500	6.41	6.39	6.38	6.37	6.35
21.0000	6.34	6.33	6.31	6.30	6.29
21.2500	6.28	6.27	6.26	6.25	6.23

asbuilt basin 1 2 and 4.txt

21. 5000	6.22	6.21	6.20	6.19	6.18
21. 7500	6.16	6.15	6.14	6.13	6.12
22. 0000	6.11	6.09	6.08	6.07	6.06
22. 2500	6.05	6.04	6.02	6.01	6.00
22. 5000	5.99	5.98	5.97	5.95	5.94
22. 7500	5.93	5.92	5.91	5.89	5.88
23. 0000	5.87	5.86	5.85	5.84	5.82
23. 2500	5.81	5.80	5.79	5.78	5.76
23. 5000	5.75	5.74	5.73	5.72	5.71
23. 7500	5.69	5.68	5.67	5.66	5.65
24. 0000	5.63	5.59	5.50	5.33	5.05
24. 2500	4.63	3.99	3.48	2.89	2.33
24. 5000	1.84	1.47	1.27	1.06	.87
24. 7500	.70	.57	.46	.36	.28
25. 0000	.22	.19	.17	.15	.14
25. 2500	.12	.11	.10	.09	.08
25. 5000	.07	.06	.06	.05	.05
25. 7500	.05	.05	.04	.04	.04
26. 0000	.04	.04	.03	.03	.03
26. 2500	.03	.03	.03	.02	.02
26. 5000	.02	.02	.02	.02	.02
26. 7500	.02	.02	.01	.01	.01
27. 0000	.01	.01	.01	.01	.01
27. 2500	.01	.01	.01	.01	.01
27. 5000	.01	.01	.01	.01	.01
27. 7500	.01	.01	.01	.00	.00
28. 0000	.00	.00	.00	.00	.00
28. 2500	.00	.00	.00	.00	.00
28. 5000	.00	.00	.00	.00	.00
28. 7500	.00	.00	.00	.00	.00
29. 0000	.00	.00	.00	.00	.00
29. 2500	.00	.00	.00	.00	.00
29. 5000	.00	.00	.00	.00	.00
29. 7500	.00	.00	.00	.00	.00
30. 0000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.36

Name... BASI N3B IN Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
30. 2500	.00	.00	.00	.00	.00
30. 5000	.00	.00	.00	.00	.00
30. 7500	.00	.00	.00	.00	.00
31. 0000	.00	.00	.00	.00	.00
31. 2500	.00	.00	.00	.00	.00
31. 5000	.00	.00	.00	.00	.00
31. 7500	.00	.00	.00	.00	.00
32. 0000	.00	.00	.00	.00	.00
32. 2500	.00	.00	.00	.00	.00
32. 5000	.00	.00	.00	.00	.00
32. 7500	.00	.00	.00	.00	.00
33. 0000	.00	.00	.00	.00	.00
33. 2500	.00	.00	.00	.00	.00
33. 5000	.00	.00	.00	.00	.00
33. 7500	.00	.00	.00	.00	.00

```

asbuilt basin 1 2 and 4.txt
34.0000 | .00 .00 .00 .00 .00
34.2500 | .00 .00 .00 .00 .00
34.5000 | .00 .00 .00 .00 .00
34.7500 | .00 .00 .00 .00 .00
35.0000 | .00

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S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Hydrograph

Page 11.37

Name... BASIN3B OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

ICPM HYDROGRAPH...

HYG file =

HYG ID = BASIN3B OUT

HYG Tag = 15

Peak Discharge = 77.37 cfs

Time to Peak = 12.6000 hrs

HYG Volume = 747917 cu. ft

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
.0000	.00	.00	.00	.00	.00
.2500	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00
.7500	.00	.00	.00	.00	.00
1.0000	.00	.00	.00	.00	.00
1.2500	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00
1.7500	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00
2.2500	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00
2.7500	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00
3.2500	.00	.00	.00	.00	.00
3.5000	.00	.00	.00	.00	.00
3.7500	.00	.00	.00	.00	.00
4.0000	.00	.00	.00	.00	.00
4.2500	.00	.00	.00	.00	.00
4.5000	.00	.00	.00	.00	.00
4.7500	.00	.00	.00	.00	.00
5.0000	.00	.00	.00	.00	.00
5.2500	.00	.00	.00	.00	.00
5.5000	.00	.00	.00	.00	.00
5.7500	.00	.00	.00	.00	.00
6.0000	.00	.00	.00	.00	.00
6.2500	.00	.00	.00	.00	.00
6.5000	.00	.00	.00	.00	.00
6.7500	.00	.00	.00	.00	.00
7.0000	.00	.00	.00	.00	.00
7.2500	.00	.00	.00	.00	.00
7.5000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:



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Type... Hydrograph  
 Name... BASI N3B OUT Tag: 15 Page 11.38  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 15 Event: 15 yr

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
7.7500	.00	.00	.00	.00	.00
8.0000	.00	.00	.00	.00	.00
8.2500	.00	.00	.00	.00	.00
8.5000	.00	.00	.00	.00	.00
8.7500	.00	.00	.00	.00	.00
9.0000	.00	.00	.01	.01	.02
9.2500	.02	.03	.05	.07	.10
9.5000	.15	.21	.29	.37	.45
9.7500	.54	.63	.71	.79	.87
10.0000	.95	1.03	1.11	1.19	1.24
10.2500	1.28	1.33	1.41	1.49	1.59
10.5000	1.69	1.83	1.98	2.13	2.29
10.7500	2.45	2.61	2.77	2.94	3.13
11.0000	3.37	3.63	3.89	4.18	4.48
11.2500	4.82	5.21	5.60	5.98	6.33
11.5000	6.67	7.04	7.46	7.97	8.69
11.7500	9.72	11.28	13.94	18.17	24.85
12.0000	31.48	38.75	46.66	54.03	60.01
12.2500	64.59	68.40	71.52	73.84	75.38
12.5000	76.48	77.14	77.37	77.21	76.72
12.7500	75.97	75.02	73.94	72.69	71.21
13.0000	69.77	68.39	67.07	65.81	64.47
13.2500	62.93	61.27	59.48	57.66	55.82
13.5000	54.03	52.27	50.55	48.86	47.24
13.7500	45.47	43.22	40.68	37.98	35.27
14.0000	32.81	30.32	28.08	25.65	23.15
14.2500	21.25	19.67	18.41	17.37	16.50
14.5000	15.78	15.18	14.65	14.18	13.76
14.7500	13.39	13.06	12.77	12.51	12.27
15.0000	12.06	11.86	11.67	11.50	11.34
15.2500	11.18	11.03	10.87	10.73	10.60
15.5000	10.47	10.36	10.25	10.14	10.03
15.7500	9.93	9.82	9.72	9.61	9.50
16.0000	9.40	9.29	9.18	9.07	8.96
16.2500	8.85	8.74	8.64	8.53	8.43
16.5000	8.34	8.25	8.17	8.09	8.01
16.7500	7.94	7.87	7.80	7.74	7.68
17.0000	7.63	7.57	7.52	7.47	7.42
17.2500	7.37	7.32	7.27	7.23	7.18
17.5000	7.14	7.10	7.06	7.01	6.96
17.7500	6.89	6.82	6.75	6.69	6.63
18.0000	6.58	6.53	6.48	6.44	6.39
18.2500	6.35	6.31	6.27	6.22	6.18
18.5000	6.14	6.10	6.06	6.02	5.98
18.7500	5.94	5.90	5.86	5.82	5.78

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Hydrograph  
 Name... BASI N3B OUT Tag: 15 Page 11.39  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 15 Event: 15 yr

asbuilt basin 1 2 and 4.txt

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

---

Time hrs					
19.0000	5.74	5.70	5.66	5.62	5.58
19.2500	5.54	5.50	5.47	5.43	5.39
19.5000	5.35	5.31	5.27	5.24	5.20
19.7500	5.16	5.11	5.07	5.03	4.99
20.0000	4.95	4.91	4.87	4.83	4.79
20.2500	4.75	4.71	4.67	4.64	4.60
20.5000	4.57	4.54	4.52	4.49	4.47
20.7500	4.46	4.44	4.43	4.41	4.40
21.0000	4.39	4.38	4.37	4.36	4.35
21.2500	4.34	4.33	4.32	4.31	4.30
21.5000	4.30	4.29	4.28	4.27	4.26
21.7500	4.26	4.25	4.24	4.23	4.23
22.0000	4.22	4.21	4.20	4.20	4.19
22.2500	4.18	4.17	4.16	4.16	4.15
22.5000	4.14	4.13	4.13	4.12	4.11
22.7500	4.10	4.09	4.09	4.08	4.07
23.0000	4.06	4.05	4.05	4.04	4.03
23.2500	4.02	4.02	4.01	4.00	3.99
23.5000	3.98	3.98	3.97	3.96	3.95
23.7500	3.94	3.94	3.93	3.92	3.91
24.0000	3.90	3.89	3.88	3.85	3.80
24.2500	3.71	3.56	3.36	3.12	2.88
24.5000	2.63	2.38	2.11	1.87	1.66
24.7500	1.49	1.33	1.14	.80	.59
25.0000	.44	.36	.30	.25	.22
25.2500	.19	.17	.15	.13	.12
25.5000	.11	.09	.09	.08	.07
25.7500	.07	.07	.06	.06	.06
26.0000	.05	.05	.05	.04	.04
26.2500	.04	.04	.04	.03	.03
26.5000	.03	.03	.03	.03	.02
26.7500	.02	.02	.02	.02	.02
27.0000	.02	.02	.02	.01	.01
27.2500	.01	.01	.01	.01	.01
27.5000	.01	.01	.01	.01	.01
27.7500	.01	.01	.01	.01	.01
28.0000	.01	.01	.01	.00	.00
28.2500	.00	.00	.00	.00	.00
28.5000	.00	.00	.00	.00	.00
28.7500	.00	.00	.00	.00	.00
29.0000	.00	.00	.00	.00	.00
29.2500	.00	.00	.00	.00	.00
29.5000	.00	.00	.00	.00	.00
29.7500	.00	.00	.00	.00	.00
30.0000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Name... BASI N3B OUT Tag: 15

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

Page 11.40

Event: 15 yr

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

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Time hrs					
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asbuilt basin 1 2 and 4.txt

30.2500	.00	.00	.00	.00	.00	.00
30.5000	.00	.00	.00	.00	.00	.00
30.7500	.00	.00	.00	.00	.00	.00
31.0000	.00	.00	.00	.00	.00	.00
31.2500	.00	.00	.00	.00	.00	.00
31.5000	.00	.00	.00	.00	.00	.00
31.7500	.00	.00	.00	.00	.00	.00
32.0000	.00	.00	.00	.00	.00	.00
32.2500	.00	.00	.00	.00	.00	.00
32.5000	.00	.00	.00	.00	.00	.00
32.7500	.00	.00	.00	.00	.00	.00
33.0000	.00	.00	.00	.00	.00	.00
33.2500	.00	.00	.00	.00	.00	.00
33.5000	.00	.00	.00	.00	.00	.00
33.7500	.00	.00	.00	.00	.00	.00
34.0000	.00	.00	.00	.00	.00	.00
34.2500	.00	.00	.00	.00	.00	.00
34.5000	.00	.00	.00	.00	.00	.00
34.7500	.00	.00	.00	.00	.00	.00
35.0000	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.41

Name... BASIN3B OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeI 24hr Tag: 25

I CPM HYDROGRAPH...

HYG file =  
 HYG ID = BASIN3B OUT  
 HYG Tag = 25

-----  
 Peak Discharge = 86.46 cfs  
 Time to Peak = 12.6500 hrs  
 HYG Volume = 869342 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
.0000	.00	.00	.00	.00	.00
.2500	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00
.7500	.00	.00	.00	.00	.00
1.0000	.00	.00	.00	.00	.00
1.2500	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00
1.7500	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00
2.2500	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00
2.7500	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00
3.2500	.00	.00	.00	.00	.00
3.5000	.00	.00	.00	.00	.00
3.7500	.00	.00	.00	.00	.00
4.0000	.00	.00	.00	.00	.00
4.2500	.00	.00	.00	.00	.00
4.5000	.00	.00	.00	.00	.00

asbuilt basin 1 2 and 4.txt

4. 7500	.00	.00	.00	.00	.00
5. 0000	.00	.00	.00	.00	.00
5. 2500	.00	.00	.00	.00	.00
5. 5000	.00	.00	.00	.00	.00
5. 7500	.00	.00	.00	.00	.00
6. 0000	.00	.00	.00	.00	.00
6. 2500	.00	.00	.00	.00	.00
6. 5000	.00	.00	.00	.00	.00
6. 7500	.00	.00	.00	.00	.00
7. 0000	.00	.00	.00	.00	.00
7. 2500	.00	.00	.00	.00	.00
7. 5000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.42

Name... BASI N3B OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time hrs | Time on left represents time for first value in each row.

7. 7500	.00	.00	.00	.00	.00
8. 0000	.00	.00	.00	.00	.00
8. 2500	.00	.00	.00	.00	.00
8. 5000	.00	.00	.00	.01	.01
8. 7500	.02	.02	.03	.04	.06
9. 0000	.08	.13	.19	.26	.35
9. 2500	.43	.53	.63	.72	.80
9. 5000	.89	.97	1.05	1.12	1.19
9. 7500	1.23	1.26	1.30	1.35	1.41
10. 0000	1.48	1.56	1.65	1.74	1.86
10. 2500	1.99	2.12	2.25	2.39	2.52
10. 5000	2.66	2.80	2.95	3.11	3.31
10. 7500	3.53	3.76	4.00	4.25	4.51
11. 0000	4.80	5.13	5.48	5.83	6.14
11. 2500	6.43	6.71	7.01	7.34	7.70
11. 5000	8.12	8.60	9.17	9.86	10.80
11. 7500	12.21	14.39	17.81	23.21	29.69
12. 0000	36.42	44.42	52.56	59.53	65.21
12. 2500	70.31	74.60	78.03	80.94	83.22
12. 5000	84.84	85.87	86.38	86.46	86.14
12. 7500	85.43	84.39	83.10	81.66	80.11
13. 0000	78.50	76.82	75.15	73.53	71.71
13. 2500	69.94	68.33	66.87	65.51	64.04
13. 5000	62.37	60.62	58.78	56.93	55.11
13. 7500	53.33	51.59	49.88	48.22	46.65
14. 0000	44.74	42.32	39.77	37.02	34.45
14. 2500	32.03	29.63	27.46	24.91	22.68
14. 5000	20.96	19.54	18.41	17.48	16.71
14. 7500	16.06	15.55	15.10	14.69	14.33
15. 0000	14.00	13.70	13.44	13.20	12.98
15. 2500	12.78	12.59	12.42	12.25	12.09
15. 5000	11.94	11.80	11.65	11.52	11.38
15. 7500	11.23	11.09	10.95	10.81	10.67
16. 0000	10.54	10.42	10.30	10.19	10.07
16. 2500	9.96	9.85	9.74	9.63	9.52
16. 5000	9.42	9.32	9.22	9.13	9.04
16. 7500	8.96	8.88	8.80	8.73	8.66
17. 0000	8.59	8.53	8.47	8.41	8.35

asbuilt basin 1 2 and 4.txt

17. 2500	8. 30	8. 25	8. 20	8. 15	8. 10
17. 5000	8. 05	8. 00	7. 96	7. 91	7. 87
17. 7500	7. 82	7. 78	7. 73	7. 69	7. 64
18. 0000	7. 60	7. 55	7. 51	7. 46	7. 42
18. 2500	7. 37	7. 33	7. 28	7. 24	7. 19
18. 5000	7. 14	7. 10	7. 05	7. 00	6. 94
18. 7500	6. 86	6. 78	6. 71	6. 64	6. 58

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.43

Name... BASI N3B OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
19. 0000	6. 52	6. 47	6. 41	6. 36	6. 31
19. 2500	6. 26	6. 21	6. 16	6. 11	6. 07
19. 5000	6. 02	5. 97	5. 93	5. 88	5. 83
19. 7500	5. 79	5. 74	5. 69	5. 65	5. 60
20. 0000	5. 56	5. 52	5. 47	5. 43	5. 39
20. 2500	5. 35	5. 30	5. 26	5. 23	5. 19
20. 5000	5. 16	5. 13	5. 10	5. 07	5. 05
20. 7500	5. 03	5. 01	4. 99	4. 98	4. 96
21. 0000	4. 95	4. 94	4. 93	4. 91	4. 90
21. 2500	4. 89	4. 88	4. 87	4. 86	4. 86
21. 5000	4. 85	4. 84	4. 83	4. 82	4. 81
21. 7500	4. 80	4. 79	4. 78	4. 77	4. 77
22. 0000	4. 76	4. 75	4. 74	4. 73	4. 72
22. 2500	4. 71	4. 71	4. 70	4. 69	4. 68
22. 5000	4. 67	4. 66	4. 65	4. 64	4. 64
22. 7500	4. 63	4. 62	4. 61	4. 60	4. 59
23. 0000	4. 58	4. 57	4. 56	4. 55	4. 54
23. 2500	4. 53	4. 53	4. 52	4. 51	4. 50
23. 5000	4. 49	4. 48	4. 47	4. 46	4. 45
23. 7500	4. 44	4. 44	4. 43	4. 42	4. 41
24. 0000	4. 40	4. 39	4. 37	4. 32	4. 25
24. 2500	4. 13	3. 96	3. 74	3. 47	3. 17
24. 5000	2. 88	2. 61	2. 34	2. 07	1. 81
24. 7500	1. 61	1. 44	1. 28	1. 01	. 72
25. 0000	. 52	. 41	. 33	. 28	. 24
25. 2500	. 21	. 18	. 16	. 14	. 13
25. 5000	. 11	. 10	. 09	. 08	. 08
25. 7500	. 07	. 07	. 06	. 06	. 06
26. 0000	. 05	. 05	. 05	. 05	. 04
26. 2500	. 04	. 04	. 04	. 03	. 03
26. 5000	. 03	. 03	. 03	. 03	. 02
26. 7500	. 02	. 02	. 02	. 02	. 02
27. 0000	. 02	. 02	. 02	. 01	. 01
27. 2500	. 01	. 01	. 01	. 01	. 01
27. 5000	. 01	. 01	. 01	. 01	. 01
27. 7500	. 01	. 01	. 01	. 01	. 01
28. 0000	. 01	. 01	. 01	. 00	. 00
28. 2500	. 00	. 00	. 00	. 00	. 00
28. 5000	. 00	. 00	. 00	. 00	. 00
28. 7500	. 00	. 00	. 00	. 00	. 00
29. 0000	. 00	. 00	. 00	. 00	. 00
29. 2500	. 00	. 00	. 00	. 00	. 00
29. 5000	. 00	. 00	. 00	. 00	. 00

asbuilt basin 1 2 and 4.txt  
 29.7500 | .00 .00 .00 .00 .00  
 30.0000 | .00 .00 .00 .00 .00

S/N:  
 PondPack Ver: Compute Time: Date:

Type... Hydrograph Page 11.44  
 Name... BASI N3B OUT Tag: 25 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
30.2500	.00	.00	.00	.00	.00
30.5000	.00	.00	.00	.00	.00
30.7500	.00	.00	.00	.00	.00
31.0000	.00	.00	.00	.00	.00
31.2500	.00	.00	.00	.00	.00
31.5000	.00	.00	.00	.00	.00
31.7500	.00	.00	.00	.00	.00
32.0000	.00	.00	.00	.00	.00
32.2500	.00	.00	.00	.00	.00
32.5000	.00	.00	.00	.00	.00
32.7500	.00	.00	.00	.00	.00
33.0000	.00	.00	.00	.00	.00
33.2500	.00	.00	.00	.00	.00
33.5000	.00	.00	.00	.00	.00
33.7500	.00	.00	.00	.00	.00
34.0000	.00	.00	.00	.00	.00
34.2500	.00	.00	.00	.00	.00
34.5000	.00	.00	.00	.00	.00
34.7500	.00	.00	.00	.00	.00
35.0000	.00				

S/N:  
 PondPack Ver: Compute Time: Date:

Type... Hydrograph Page 11.45  
 Name... BASI N3B OUT Tag: 100 Event: 100 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 100

I CPM HYDROGRAPH...  
 HYG file =  
 HYG ID = BASI N3B OUT  
 HYG Tag = 100

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Peak Discharge = 109.60 cfs  
 Time to Peak = 12.6500 hrs  
 HYG Volume = 1197985 cu. ft

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
.0000	.00	.00	.00	.00	.00
.2500	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00
.7500	.00	.00	.00	.00	.00

asbuilt basin 1 2 and 4.txt

1. 0000	.00	.00	.00	.00	.00
1. 2500	.00	.00	.00	.00	.00
1. 5000	.00	.00	.00	.00	.00
1. 7500	.00	.00	.00	.00	.00
2. 0000	.00	.00	.00	.00	.00
2. 2500	.00	.00	.00	.00	.00
2. 5000	.00	.00	.00	.00	.00
2. 7500	.00	.00	.00	.00	.00
3. 0000	.00	.00	.00	.00	.00
3. 2500	.00	.00	.00	.00	.00
3. 5000	.00	.00	.00	.00	.00
3. 7500	.00	.00	.00	.00	.00
4. 0000	.00	.00	.00	.00	.00
4. 2500	.00	.00	.00	.00	.00
4. 5000	.00	.00	.00	.00	.00
4. 7500	.00	.00	.00	.00	.00
5. 0000	.00	.00	.00	.00	.00
5. 2500	.00	.00	.00	.00	.00
5. 5000	.00	.00	.00	.00	.00
5. 7500	.00	.00	.00	.00	.00
6. 0000	.00	.00	.00	.00	.00
6. 2500	.00	.00	.00	.00	.00
6. 5000	.00	.00	.00	.00	.00
6. 7500	.00	.00	.00	.00	.00
7. 0000	.00	.00	.00	.00	.00
7. 2500	.00	.00	.00	.00	.00
7. 5000	.00	.01	.01	.01	.02

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.46

Name... BASI N3B OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
7. 7500	.02	.03	.05	.06	.08
8. 0000	.13	.18	.24	.32	.39
8. 2500	.45	.53	.61	.68	.75
8. 5000	.82	.89	.97	1.04	1.11
8. 7500	1.19	1.23	1.27	1.31	1.38
9. 0000	1.45	1.53	1.61	1.71	1.82
9. 2500	1.95	2.07	2.19	2.31	2.42
9. 5000	2.53	2.62	2.72	2.82	2.92
9. 7500	3.02	3.12	3.24	3.35	3.47
10. 0000	3.61	3.76	3.92	4.09	4.26
10. 2500	4.43	4.61	4.81	5.04	5.29
10. 5000	5.54	5.82	6.09	6.33	6.54
10. 7500	6.75	6.97	7.20	7.44	7.70
11. 0000	7.99	8.32	8.68	9.07	9.49
11. 2500	9.96	10.49	11.06	11.70	12.47
11. 5000	13.29	14.15	15.14	16.38	18.11
11. 7500	20.56	24.20	28.90	34.17	40.97
12. 0000	48.95	56.95	64.40	71.92	78.30
12. 2500	84.22	89.75	94.59	98.72	103.29
12. 5000	106.76	108.68	109.53	109.60	109.09
12. 7500	108.14	106.84	105.26	103.48	101.78
13. 0000	99.97	98.15	96.67	95.06	93.38
13. 2500	91.63	89.85	87.95	85.91	83.75

asbuilt basin 1 2 and 4.txt

13. 5000	81. 62	79. 54	77. 51	75. 54	73. 70
13. 7500	71. 72	69. 81	68. 12	66. 61	65. 19
14. 0000	63. 64	61. 95	60. 17	58. 32	56. 48
14. 2500	54. 68	52. 93	51. 22	49. 55	47. 94
14. 5000	46. 41	44. 53	42. 16	39. 70	37. 08
14. 7500	34. 65	32. 42	30. 17	28. 19	26. 17
15. 0000	23. 96	22. 32	21. 05	19. 98	19. 11
15. 2500	18. 40	17. 80	17. 27	16. 82	16. 44
15. 5000	16. 10	15. 82	15. 56	15. 32	15. 09
15. 7500	14. 86	14. 64	14. 43	14. 22	14. 02
16. 0000	13. 83	13. 64	13. 45	13. 27	13. 10
16. 2500	12. 93	12. 77	12. 61	12. 46	12. 31
16. 5000	12. 17	12. 04	11. 92	11. 80	11. 69
16. 7500	11. 58	11. 49	11. 39	11. 29	11. 19
17. 0000	11. 11	11. 02	10. 93	10. 86	10. 78
17. 2500	10. 71	10. 63	10. 57	10. 50	10. 44
17. 5000	10. 38	10. 33	10. 27	10. 22	10. 17
17. 7500	10. 11	10. 06	10. 00	9. 95	9. 89
18. 0000	9. 83	9. 78	9. 72	9. 66	9. 60
18. 2500	9. 55	9. 49	9. 43	9. 37	9. 31
18. 5000	9. 25	9. 19	9. 13	9. 07	9. 01
18. 7500	8. 95	8. 89	8. 83	8. 77	8. 71

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11. 47

Name... BASI N3B OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
19. 0000	8. 65	8. 59	8. 53	8. 47	8. 41
19. 2500	8. 35	8. 29	8. 23	8. 18	8. 12
19. 5000	8. 06	8. 00	7. 94	7. 88	7. 83
19. 7500	7. 77	7. 71	7. 65	7. 59	7. 53
20. 0000	7. 47	7. 41	7. 35	7. 29	7. 23
20. 2500	7. 17	7. 11	7. 06	6. 99	6. 90
20. 5000	6. 81	6. 74	6. 67	6. 62	6. 57
20. 7500	6. 53	6. 50	6. 47	6. 45	6. 42
21. 0000	6. 40	6. 39	6. 37	6. 35	6. 34
21. 2500	6. 33	6. 31	6. 30	6. 29	6. 28
21. 5000	6. 26	6. 25	6. 24	6. 23	6. 22
21. 7500	6. 20	6. 19	6. 18	6. 17	6. 16
22. 0000	6. 15	6. 13	6. 12	6. 11	6. 10
22. 2500	6. 09	6. 08	6. 06	6. 05	6. 04
22. 5000	6. 03	6. 02	6. 01	5. 99	5. 98
22. 7500	5. 97	5. 96	5. 95	5. 94	5. 92
23. 0000	5. 91	5. 90	5. 89	5. 88	5. 86
23. 2500	5. 85	5. 84	5. 83	5. 82	5. 81
23. 5000	5. 79	5. 78	5. 77	5. 76	5. 75
23. 7500	5. 73	5. 72	5. 71	5. 70	5. 69
24. 0000	5. 68	5. 66	5. 63	5. 58	5. 48
24. 2500	5. 33	5. 08	4. 75	4. 40	3. 99
24. 5000	3. 59	3. 18	2. 85	2. 55	2. 24
24. 7500	1. 95	1. 69	1. 51	1. 34	1. 13
25. 0000	. 78	. 57	. 43	. 35	. 29
25. 2500	. 24	. 21	. 18	. 16	. 14
25. 5000	. 13	. 11	. 10	. 09	. 08
25. 7500	. 08	. 07	. 07	. 06	. 06



asbuilt basin 1 2 and 4.txt

26.0000	.06	.05	.05	.05	.05
26.2500	.04	.04	.04	.04	.03
26.5000	.03	.03	.03	.03	.03
26.7500	.02	.02	.02	.02	.02
27.0000	.02	.02	.02	.02	.01
27.2500	.01	.01	.01	.01	.01
27.5000	.01	.01	.01	.01	.01
27.7500	.01	.01	.01	.01	.01
28.0000	.01	.01	.01	.01	.00
28.2500	.00	.00	.00	.00	.00
28.5000	.00	.00	.00	.00	.00
28.7500	.00	.00	.00	.00	.00
29.0000	.00	.00	.00	.00	.00
29.2500	.00	.00	.00	.00	.00
29.5000	.00	.00	.00	.00	.00
29.7500	.00	.00	.00	.00	.00
30.0000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

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Name... BASI N3B OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
30.2500	.00	.00	.00	.00	.00
30.5000	.00	.00	.00	.00	.00
30.7500	.00	.00	.00	.00	.00
31.0000	.00	.00	.00	.00	.00
31.2500	.00	.00	.00	.00	.00
31.5000	.00	.00	.00	.00	.00
31.7500	.00	.00	.00	.00	.00
32.0000	.00	.00	.00	.00	.00
32.2500	.00	.00	.00	.00	.00
32.5000	.00	.00	.00	.00	.00
32.7500	.00	.00	.00	.00	.00
33.0000	.00	.00	.00	.00	.00
33.2500	.00	.00	.00	.00	.00
33.5000	.00	.00	.00	.00	.00
33.7500	.00	.00	.00	.00	.00
34.0000	.00	.00	.00	.00	.00
34.2500	.00	.00	.00	.00	.00
34.5000	.00	.00	.00	.00	.00
34.7500	.00	.00	.00	.00	.00
35.0000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.49

Name... ROUTE 30 Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

ICPM HYDROGRAPH...

HYG file =

HYG ID = ROUTE 30

asbuilt basin 1 2 and 4.txt  
 HYG Tag = 15

-----  
 Peak Discharge = 79.47 cfs  
 Time to Peak = 12.4500 hrs  
 HYG Volume = 736780 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
8.8000	.00	.00	.00	.01	.01
9.0500	.02	.03	.04	.05	.07
9.3000	.11	.14	.18	.27	.37
9.5500	.45	.53	.59	.66	.74
9.8000	.81	.88	.95	1.03	1.11
10.0500	1.19	1.27	1.35	1.44	1.54
10.3000	1.71	1.86	2.01	2.16	2.31
10.5500	2.47	2.63	2.80	2.98	3.17
10.8000	3.37	3.57	3.76	4.08	4.40
11.0500	4.68	4.95	5.25	5.65	6.09
11.3000	6.57	6.87	7.08	7.35	7.69
11.5500	8.12	8.69	9.51	10.89	12.95
11.8000	16.21	21.55	29.80	41.58	51.06
12.0500	60.91	68.42	71.88	73.07	75.15
12.3000	77.19	78.76	79.45	79.47	78.98
12.5500	78.08	76.85	75.42	73.88	72.28
12.8000	70.75	69.27	67.80	66.42	65.22
13.0500	64.01	62.90	61.79	59.94	57.69
13.3000	55.60	53.68	51.83	50.03	48.32
13.5500	46.65	45.00	43.42	41.93	39.05
13.8000	35.08	31.98	28.54	26.53	24.23
14.0500	21.85	20.13	18.95	17.80	16.84
14.3000	16.01	15.39	14.83	14.33	13.87
14.5500	13.46	13.09	12.77	12.51	12.27
14.8000	12.06	11.86	11.68	11.51	11.35
15.0500	11.19	11.02	10.85	10.70	10.55
15.3000	10.41	10.28	10.16	10.07	9.97
15.5500	9.87	9.77	9.67	9.56	9.46
15.8000	9.35	9.25	9.14	9.04	8.93
16.0500	8.82	8.72	8.61	8.50	8.40
16.3000	8.30	8.20	8.11	8.03	7.95

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Hydrograph

Page 11.50

Name... ROUTE 30

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
16.5500	7.87	7.80	7.73	7.67	7.60
16.8000	7.55	7.49	7.44	7.38	7.33
17.0500	7.29	7.24	7.19	7.15	7.11
17.3000	7.06	7.02	6.98	6.94	6.90
17.5500	6.85	6.81	6.78	6.64	6.56
17.8000	6.49	6.44	6.39	6.35	6.30
18.0500	6.26	6.22	6.18	6.15	6.11
18.3000	6.07	6.03	5.99	5.95	5.91

asbuilt basin 1 2 and 4.txt

18. 5500	5. 87	5. 83	5. 79	5. 75	5. 71
18. 8000	5. 67	5. 63	5. 59	5. 55	5. 51
19. 0500	5. 47	5. 43	5. 39	5. 35	5. 32
19. 3000	5. 29	5. 25	5. 21	5. 17	5. 13
19. 5500	5. 09	5. 05	5. 01	4. 97	4. 93
19. 8000	4. 89	4. 85	4. 81	4. 77	4. 73
20. 0500	4. 69	4. 65	4. 61	4. 57	4. 53
20. 3000	4. 49	4. 45	4. 43	4. 40	4. 39
20. 5500	4. 37	4. 35	4. 34	4. 33	4. 32
20. 8000	4. 31	4. 30	4. 29	4. 28	4. 27
21. 0500	4. 27	4. 26	4. 25	4. 24	4. 24
21. 3000	4. 23	4. 22	4. 21	4. 21	4. 20
21. 5500	4. 19	4. 18	4. 17	4. 17	4. 16
21. 8000	4. 15	4. 14	4. 14	4. 13	4. 12
22. 0500	4. 11	4. 11	4. 10	4. 09	4. 08
22. 3000	4. 08	4. 07	4. 06	4. 05	4. 05
22. 5500	4. 04	4. 03	4. 02	4. 01	4. 01
22. 8000	4. 00	3. 99	3. 98	3. 98	3. 97
23. 0500	3. 96	3. 95	3. 95	3. 94	3. 93
23. 3000	3. 92	3. 91	3. 91	3. 90	3. 89
23. 5500	3. 88	3. 87	3. 87	3. 86	3. 85
23. 8000	3. 84	3. 84	3. 83	3. 82	3. 81
24. 0500	3. 79	3. 75	3. 66	3. 49	3. 18
24. 3000	2. 80	2. 39	1. 98	1. 59	1. 37
24. 5500	1. 17	. 97	. 79	. 64	. 52
24. 8000	. 42	. 33	. 26	. 20	. 18
25. 0500	. 16	. 15	. 13	. 12	. 11
25. 3000	. 10	. 09	. 08	. 07	. 06
25. 5500	. 06	. 05	. 05	. 05	. 05
25. 8000	. 04	. 04	. 04	. 04	. 03
26. 0500	. 03	. 03	. 03	. 03	. 03
26. 3000	. 03	. 02	. 02	. 02	. 02
26. 5500	. 02	. 02	. 02	. 02	. 02
26. 8000	. 01	. 01	. 01	. 01	. 01
27. 0500	. 01	. 01	. 01	. 01	. 01
27. 3000	. 01	. 01	. 01	. 01	. 01
27. 5500	. 01	. 01	. 01	. 01	. 01

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Hydrograph

Name... ROUTE 30

Tag: 15

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Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
27. 8000	. 00	. 00	. 00	. 00	. 00
28. 0500	. 00	. 00	. 00	. 00	. 00
28. 3000	. 00	. 00	. 00	. 00	. 00
28. 5500	. 00	. 00	. 00	. 00	. 00
28. 8000	. 00	. 00	. 00	. 00	. 00
29. 0500	. 00	. 00	. 00	. 00	. 00
29. 3000	. 00				

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Hydrograph

Name... ROUTE 30

Tag: 15

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Event: 15 yr

asbuilt basin 1 2 and 4.txt  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 15

ICPM HYDROGRAPH...  
 HYG file =  
 HYG ID = ROUTE 30  
 HYG Tag = 15

-----  
 Peak Discharge = 79.47 cfs  
 Time to Peak = 12.4500 hrs  
 HYG Volume = 736780 cu. ft  
 -----

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
Time on left represents time for first value in each row.					
8.8000	.00	.00	.00	.01	.01
9.0500	.02	.03	.04	.05	.07
9.3000	.11	.14	.18	.27	.37
9.5500	.45	.53	.59	.66	.74
9.8000	.81	.88	.95	1.03	1.11
10.0500	1.19	1.27	1.35	1.44	1.54
10.3000	1.71	1.86	2.01	2.16	2.31
10.5500	2.47	2.63	2.80	2.98	3.17
10.8000	3.37	3.57	3.76	4.08	4.40
11.0500	4.68	4.95	5.25	5.65	6.09
11.3000	6.57	6.87	7.08	7.35	7.69
11.5500	8.12	8.69	9.51	10.89	12.95
11.8000	16.21	21.55	29.80	41.58	51.06
12.0500	60.91	68.42	71.88	73.07	75.15
12.3000	77.19	78.76	79.45	79.47	78.98
12.5500	78.08	76.85	75.42	73.88	72.28
12.8000	70.75	69.27	67.80	66.42	65.22
13.0500	64.01	62.90	61.79	59.94	57.69
13.3000	55.60	53.68	51.83	50.03	48.32
13.5500	46.65	45.00	43.42	41.93	39.05
13.8000	35.08	31.98	28.54	26.53	24.23
14.0500	21.85	20.13	18.95	17.80	16.84
14.3000	16.01	15.39	14.83	14.33	13.87
14.5500	13.46	13.09	12.77	12.51	12.27
14.8000	12.06	11.86	11.68	11.51	11.35
15.0500	11.19	11.02	10.85	10.70	10.55
15.3000	10.41	10.28	10.16	10.07	9.97
15.5500	9.87	9.77	9.67	9.56	9.46
15.8000	9.35	9.25	9.14	9.04	8.93
16.0500	8.82	8.72	8.61	8.50	8.40
16.3000	8.30	8.20	8.11	8.03	7.95

S/N:  
 PondPack Ver: Compute Time: Date:

Type... Hydrograph Page 11.53  
 Name... ROUTE 30 Tag: 15 Event: 15 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 15

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
Time on left represents time for first value in each row.					
16.5500	7.87	7.80	7.73	7.67	7.60

asbuilt basin 1 2 and 4.txt

16. 8000	7. 55	7. 49	7. 44	7. 38	7. 33
17. 0500	7. 29	7. 24	7. 19	7. 15	7. 11
17. 3000	7. 06	7. 02	6. 98	6. 94	6. 90
17. 5500	6. 85	6. 81	6. 78	6. 64	6. 56
17. 8000	6. 49	6. 44	6. 39	6. 35	6. 30
18. 0500	6. 26	6. 22	6. 18	6. 15	6. 11
18. 3000	6. 07	6. 03	5. 99	5. 95	5. 91
18. 5500	5. 87	5. 83	5. 79	5. 75	5. 71
18. 8000	5. 67	5. 63	5. 59	5. 55	5. 51
19. 0500	5. 47	5. 43	5. 39	5. 35	5. 32
19. 3000	5. 29	5. 25	5. 21	5. 17	5. 13
19. 5500	5. 09	5. 05	5. 01	4. 97	4. 93
19. 8000	4. 89	4. 85	4. 81	4. 77	4. 73
20. 0500	4. 69	4. 65	4. 61	4. 57	4. 53
20. 3000	4. 49	4. 45	4. 43	4. 40	4. 39
20. 5500	4. 37	4. 35	4. 34	4. 33	4. 32
20. 8000	4. 31	4. 30	4. 29	4. 28	4. 27
21. 0500	4. 27	4. 26	4. 25	4. 24	4. 24
21. 3000	4. 23	4. 22	4. 21	4. 21	4. 20
21. 5500	4. 19	4. 18	4. 17	4. 17	4. 16
21. 8000	4. 15	4. 14	4. 14	4. 13	4. 12
22. 0500	4. 11	4. 11	4. 10	4. 09	4. 08
22. 3000	4. 08	4. 07	4. 06	4. 05	4. 05
22. 5500	4. 04	4. 03	4. 02	4. 01	4. 01
22. 8000	4. 00	3. 99	3. 98	3. 98	3. 97
23. 0500	3. 96	3. 95	3. 95	3. 94	3. 93
23. 3000	3. 92	3. 91	3. 91	3. 90	3. 89
23. 5500	3. 88	3. 87	3. 87	3. 86	3. 85
23. 8000	3. 84	3. 84	3. 83	3. 82	3. 81
24. 0500	3. 79	3. 75	3. 66	3. 49	3. 18
24. 3000	2. 80	2. 39	1. 98	1. 59	1. 37
24. 5500	1. 17	. 97	. 79	. 64	. 52
24. 8000	. 42	. 33	. 26	. 20	. 18
25. 0500	. 16	. 15	. 13	. 12	. 11
25. 3000	. 10	. 09	. 08	. 07	. 06
25. 5500	. 06	. 05	. 05	. 05	. 05
25. 8000	. 04	. 04	. 04	. 04	. 03
26. 0500	. 03	. 03	. 03	. 03	. 03
26. 3000	. 03	. 02	. 02	. 02	. 02
26. 5500	. 02	. 02	. 02	. 02	. 02
26. 8000	. 01	. 01	. 01	. 01	. 01
27. 0500	. 01	. 01	. 01	. 01	. 01
27. 3000	. 01	. 01	. 01	. 01	. 01
27. 5500	. 01	. 01	. 01	. 01	. 01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

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Name... ROUTE 30

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

27. 8000	. 00	. 00	. 00	. 00	. 00
28. 0500	. 00	. 00	. 00	. 00	. 00
28. 3000	. 00	. 00	. 00	. 00	. 00
28. 5500	. 00	. 00	. 00	. 00	. 00
28. 8000	. 00	. 00	. 00	. 00	. 00
29. 0500	. 00	. 00	. 00	. 00	. 00

29.3000 | .00

S/N:  
PondPack Ver: Compute Time: Date:

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Type... Hydrograph Page 11.55  
 Name... ROUTE 30 Tag: 25 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... Type I 24hr Tag: 25

ICPM HYDROGRAPH...  
 HYG file =  
 HYG ID = ROUTE 30  
 HYG Tag = 25

-----  
 Peak Discharge = 89.70 cfs  
 Time to Peak = 12.4000 hrs  
 HYG Volume = 856268 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
8.3500	.00	.00	.00	.01	.01
8.6000	.02	.02	.03	.05	.06
8.8500	.09	.13	.17	.23	.34
9.1000	.43	.51	.59	.67	.75
9.3500	.83	.91	.98	1.06	1.13
9.6000	1.19	1.25	1.32	1.39	1.46
9.8500	1.54	1.67	1.79	1.91	2.03
10.1000	2.15	2.27	2.40	2.53	2.67
10.3500	2.82	2.98	3.15	3.33	3.51
10.6000	3.67	3.88	4.17	4.44	4.68
10.8500	4.91	5.18	5.50	5.89	6.27
11.1000	6.66	6.87	7.04	7.26	7.54
11.3500	7.87	8.28	8.75	9.30	9.92
11.6000	10.83	11.97	13.66	16.25	20.49
11.8500	27.12	36.96	47.92	57.27	67.52
12.1000	72.40	74.59	78.30	82.71	86.31
12.3500	88.81	89.70	89.50	88.85	87.88
12.6000	86.73	85.43	83.57	81.55	79.47
12.8500	77.46	75.51	73.65	71.84	70.16
13.1000	68.64	67.15	65.75	64.57	63.43
13.3500	62.37	61.27	58.99	56.77	54.76
13.6000	52.90	51.09	49.33	47.65	45.99
13.8500	44.39	42.85	41.40	37.51	33.86
14.1000	30.94	27.69	26.17	23.43	21.35
14.3500	19.86	18.83	17.78	16.94	16.22
14.6000	15.65	15.18	14.77	14.39	14.04
14.8500	13.73	13.45	13.19	12.96	12.75
15.1000	12.56	12.40	12.24	12.09	11.94
15.3500	11.79	11.65	11.51	11.38	11.25
15.6000	11.10	10.94	10.79	10.65	10.50
15.8500	10.37	10.23	10.12	10.02	9.91

S/N:  
PondPack Ver: Compute Time: Date:

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Type... Hydrograph Page 11.56  
 Name... ROUTE 30 Tag: 25 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
Page 446

Storm... TypeII 24hr Tag: asbuilt basin 1 2 and 4.txt  
25

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
16. 1000	9. 80	9. 69	9. 58	9. 47	9. 36
16. 3500	9. 25	9. 15	9. 06	8. 96	8. 88
16. 6000	8. 80	8. 72	8. 65	8. 58	8. 51
16. 8500	8. 45	8. 39	8. 33	8. 27	8. 22
17. 1000	8. 16	8. 11	8. 06	8. 02	7. 97
17. 3500	7. 92	7. 88	7. 83	7. 79	7. 74
17. 6000	7. 70	7. 65	7. 61	7. 56	7. 52
17. 8500	7. 47	7. 43	7. 38	7. 34	7. 30
18. 1000	7. 25	7. 21	7. 16	7. 12	7. 07
18. 3500	7. 03	6. 98	6. 94	6. 89	6. 85
18. 6000	6. 80	6. 72	6. 59	6. 50	6. 43
18. 8500	6. 37	6. 32	6. 27	6. 22	6. 18
19. 1000	6. 13	6. 09	6. 04	6. 00	5. 95
19. 3500	5. 90	5. 86	5. 81	5. 77	5. 72
19. 6000	5. 68	5. 63	5. 58	5. 54	5. 49
19. 8500	5. 45	5. 40	5. 36	5. 32	5. 28
20. 1000	5. 24	5. 19	5. 15	5. 11	5. 08
20. 3500	5. 04	5. 01	4. 98	4. 96	4. 94
20. 6000	4. 92	4. 91	4. 89	4. 88	4. 87
20. 8500	4. 86	4. 85	4. 84	4. 83	4. 82
21. 1000	4. 81	4. 80	4. 79	4. 78	4. 77
21. 3500	4. 76	4. 75	4. 75	4. 74	4. 73
21. 6000	4. 72	4. 71	4. 70	4. 69	4. 68
21. 8500	4. 68	4. 67	4. 66	4. 65	4. 64
22. 1000	4. 63	4. 62	4. 62	4. 61	4. 60
22. 3500	4. 59	4. 58	4. 57	4. 56	4. 55
22. 6000	4. 55	4. 53	4. 52	4. 51	4. 51
22. 8500	4. 50	4. 49	4. 48	4. 47	4. 46
23. 1000	4. 45	4. 44	4. 44	4. 43	4. 42
23. 3500	4. 41	4. 40	4. 39	4. 38	4. 37
23. 6000	4. 36	4. 36	4. 35	4. 34	4. 33
23. 8500	4. 32	4. 31	4. 30	4. 29	4. 26
24. 1000	4. 20	4. 06	3. 80	3. 56	3. 16
24. 3500	2. 70	2. 23	1. 80	1. 46	1. 26
24. 6000	1. 06	. 87	. 70	. 57	. 47
24. 8500	. 37	. 29	. 23	. 19	. 17
25. 1000	. 15	. 14	. 13	. 11	. 10
25. 3500	. 09	. 08	. 07	. 06	. 06
25. 6000	. 05	. 05	. 05	. 05	. 04
25. 8500	. 04	. 04	. 04	. 04	. 03
26. 1000	. 03	. 03	. 03	. 03	. 03
26. 3500	. 02	. 02	. 02	. 02	. 02
26. 6000	. 02	. 02	. 02	. 02	. 01
26. 8500	. 01	. 01	. 01	. 01	. 01
27. 1000	. 01	. 01	. 01	. 01	. 01

S/N:  
 PondPack Ver: Compute Time: Date:  
 Type... Hydrograph Page 11. 57  
 Name... ROUTE 30 Tag: 25 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.  
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asbuilt basin 1 2 and 4.txt

27. 3500	.01	.01	.01	.01	.01
27. 6000	.01	.01	.01	.01	.00
27. 8500	.00	.00	.00	.00	.00
28. 1000	.00	.00	.00	.00	.00
28. 3500	.00	.00	.00	.00	.00
28. 6000	.00	.00	.00	.00	.00
28. 8500	.00	.00	.00	.00	.00
29. 1000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Name... ROUTE 30

Tag: 25

Page 11.58

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 25

ICPM HYDROGRAPH...

HYG file =

HYG ID = ROUTE 30

HYG Tag = 25

Peak Discharge = 89.70 cfs

Time to Peak = 12.4000 hrs

HYG Volume = 856268 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
8. 3500	.00	.00	.00	.01	.01
8. 6000	.02	.02	.03	.05	.06
8. 8500	.09	.13	.17	.23	.34
9. 1000	.43	.51	.59	.67	.75
9. 3500	.83	.91	.98	1.06	1.13
9. 6000	1.19	1.25	1.32	1.39	1.46
9. 8500	1.54	1.67	1.79	1.91	2.03
10. 1000	2.15	2.27	2.40	2.53	2.67
10. 3500	2.82	2.98	3.15	3.33	3.51
10. 6000	3.67	3.88	4.17	4.44	4.68
10. 8500	4.91	5.18	5.50	5.89	6.27
11. 1000	6.66	6.87	7.04	7.26	7.54
11. 3500	7.87	8.28	8.75	9.30	9.92
11. 6000	10.83	11.97	13.66	16.25	20.49
11. 8500	27.12	36.96	47.92	57.27	67.52
12. 1000	72.40	74.59	78.30	82.71	86.31
12. 3500	88.81	89.70	89.50	88.85	87.88
12. 6000	86.73	85.43	83.57	81.55	79.47
12. 8500	77.46	75.51	73.65	71.84	70.16
13. 1000	68.64	67.15	65.75	64.57	63.43
13. 3500	62.37	61.27	58.99	56.77	54.76
13. 6000	52.90	51.09	49.33	47.65	45.99
13. 8500	44.39	42.85	41.40	37.51	33.86
14. 1000	30.94	27.69	26.17	23.43	21.35
14. 3500	19.86	18.83	17.78	16.94	16.22
14. 6000	15.65	15.18	14.77	14.39	14.04
14. 8500	13.73	13.45	13.19	12.96	12.75
15. 1000	12.56	12.40	12.24	12.09	11.94
15. 3500	11.79	11.65	11.51	11.38	11.25
15. 6000	11.10	10.94	10.79	10.65	10.50



15. 8500 | 10. 37 asbuilt basin 1 2 and 4. txt 10. 23 10. 12 10. 02 9. 91

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Hydrograph Page 11. 59  
 Name... ROUTE 30 Tag: 25 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
16. 1000	9. 80	9. 69	9. 58	9. 47	9. 36
16. 3500	9. 25	9. 15	9. 06	8. 96	8. 88
16. 6000	8. 80	8. 72	8. 65	8. 58	8. 51
16. 8500	8. 45	8. 39	8. 33	8. 27	8. 22
17. 1000	8. 16	8. 11	8. 06	8. 02	7. 97
17. 3500	7. 92	7. 88	7. 83	7. 79	7. 74
17. 6000	7. 70	7. 65	7. 61	7. 56	7. 52
17. 8500	7. 47	7. 43	7. 38	7. 34	7. 30
18. 1000	7. 25	7. 21	7. 16	7. 12	7. 07
18. 3500	7. 03	6. 98	6. 94	6. 89	6. 85
18. 6000	6. 80	6. 72	6. 59	6. 50	6. 43
18. 8500	6. 37	6. 32	6. 27	6. 22	6. 18
19. 1000	6. 13	6. 09	6. 04	6. 00	5. 95
19. 3500	5. 90	5. 86	5. 81	5. 77	5. 72
19. 6000	5. 68	5. 63	5. 58	5. 54	5. 49
19. 8500	5. 45	5. 40	5. 36	5. 32	5. 28
20. 1000	5. 24	5. 19	5. 15	5. 11	5. 08
20. 3500	5. 04	5. 01	4. 98	4. 96	4. 94
20. 6000	4. 92	4. 91	4. 89	4. 88	4. 87
20. 8500	4. 86	4. 85	4. 84	4. 83	4. 82
21. 1000	4. 81	4. 80	4. 79	4. 78	4. 77
21. 3500	4. 76	4. 75	4. 75	4. 74	4. 73
21. 6000	4. 72	4. 71	4. 70	4. 69	4. 68
21. 8500	4. 68	4. 67	4. 66	4. 65	4. 64
22. 1000	4. 63	4. 62	4. 62	4. 61	4. 60
22. 3500	4. 59	4. 58	4. 57	4. 56	4. 55
22. 6000	4. 55	4. 53	4. 52	4. 51	4. 51
22. 8500	4. 50	4. 49	4. 48	4. 47	4. 46
23. 1000	4. 45	4. 44	4. 44	4. 43	4. 42
23. 3500	4. 41	4. 40	4. 39	4. 38	4. 37
23. 6000	4. 36	4. 36	4. 35	4. 34	4. 33
23. 8500	4. 32	4. 31	4. 30	4. 29	4. 26
24. 1000	4. 20	4. 06	3. 80	3. 56	3. 16
24. 3500	2. 70	2. 23	1. 80	1. 46	1. 26
24. 6000	1. 06	. 87	. 70	. 57	. 47
24. 8500	. 37	. 29	. 23	. 19	. 17
25. 1000	. 15	. 14	. 13	. 11	. 10
25. 3500	. 09	. 08	. 07	. 06	. 06
25. 6000	. 05	. 05	. 05	. 05	. 04
25. 8500	. 04	. 04	. 04	. 04	. 03
26. 1000	. 03	. 03	. 03	. 03	. 03
26. 3500	. 02	. 02	. 02	. 02	. 02
26. 6000	. 02	. 02	. 02	. 02	. 01
26. 8500	. 01	. 01	. 01	. 01	. 01
27. 1000	. 01	. 01	. 01	. 01	. 01

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Hydrograph  
 Name... ROUTE 30 Tag: 25 Page 11.60  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeI 24hr Tag: 25 Event: 25 yr

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
27.3500	.01	.01	.01	.01	.01
27.6000	.01	.01	.01	.01	.00
27.8500	.00	.00	.00	.00	.00
28.1000	.00	.00	.00	.00	.00
28.3500	.00	.00	.00	.00	.00
28.6000	.00	.00	.00	.00	.00
28.8500	.00	.00	.00	.00	.00
29.1000	.00	.00	.00	.00	.00

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Hydrograph  
 Name... ROUTE 30 Tag: 100 Page 11.61  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeI 24hr Tag: 100 Event: 100 yr

ICPM HYDROGRAPH...  
 HYG file =  
 HYG ID = ROUTE 30  
 HYG Tag = 100

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Peak Discharge = 110.98 cfs  
 Time to Peak = 12.4500 hrs  
 HYG Volume = 1179573 cu. ft

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
7.2500	.00	.00	.00	.01	.01
7.5000	.01	.02	.03	.04	.05
7.7500	.07	.10	.14	.17	.22
8.0000	.31	.39	.46	.52	.58
8.2500	.64	.70	.77	.83	.90
8.5000	.97	1.04	1.11	1.18	1.26
8.7500	1.33	1.41	1.50	1.62	1.76
9.0000	1.89	2.01	2.13	2.24	2.36
9.2500	2.47	2.59	2.69	2.80	2.90
9.5000	3.00	3.10	3.19	3.29	3.38
9.7500	3.49	3.57	3.67	3.79	3.99
10.0000	4.17	4.35	4.54	4.69	4.87
10.2500	5.06	5.27	5.53	5.82	6.11
10.5000	6.40	6.70	6.85	6.98	7.14
10.7500	7.33	7.55	7.81	8.09	8.43
11.0000	8.80	9.19	9.62	10.08	10.69
11.2500	11.33	11.93	12.60	13.41	14.30
11.5000	15.22	16.28	17.68	19.48	22.29
11.7500	26.61	33.09	42.93	50.94	61.58
12.0000	69.42	74.50	80.70	90.01	97.35
12.2500	103.06	107.15	109.61	110.77	110.98
12.5000	110.81	110.30	109.42	108.22	106.77

asbuilt basin 1 2 and 4.txt

12. 7500	105.06	103.17	101.17	98.98	96.89
13. 0000	94.66	92.43	90.32	88.24	86.37
13. 2500	84.47	82.66	79.99	77.53	75.20
13. 5000	73.24	71.33	69.62	68.09	66.61
13. 7500	65.26	64.09	63.04	62.02	60.66
14. 0000	58.39	56.23	54.28	52.45	50.66
14. 2500	48.95	47.34	45.70	44.16	42.69
14. 5000	41.30	37.28	33.93	31.20	28.15
14. 7500	26.87	24.43	22.47	21.16	20.09

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.62

Name... ROUTE 30

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
15. 0000	19.28	18.62	17.95	17.41	16.94
15. 2500	16.52	16.15	15.85	15.58	15.33
15. 5000	15.09	14.87	14.66	14.45	14.25
15. 7500	14.04	13.85	13.66	13.47	13.29
16. 0000	13.11	12.93	12.76	12.60	12.45
16. 2500	12.30	12.16	12.02	11.88	11.76
16. 5000	11.64	11.52	11.42	11.31	11.22
16. 7500	11.12	11.01	10.92	10.83	10.75
17. 0000	10.67	10.60	10.52	10.46	10.39
17. 2500	10.32	10.26	10.20	10.15	10.10
17. 5000	10.05	10.00	9.95	9.89	9.84
17. 7500	9.79	9.73	9.67	9.62	9.56
18. 0000	9.51	9.45	9.39	9.33	9.28
18. 2500	9.22	9.16	9.10	9.04	8.99
18. 5000	8.93	8.87	8.81	8.75	8.69
18. 7500	8.63	8.58	8.52	8.46	8.40
19. 0000	8.34	8.28	8.22	8.16	8.10
19. 2500	8.05	7.99	7.93	7.88	7.82
19. 5000	7.76	7.70	7.64	7.58	7.53
19. 7500	7.47	7.41	7.35	7.29	7.23
20. 0000	7.17	7.11	7.05	6.99	6.93
20. 2500	6.88	6.82	6.77	6.60	6.51
20. 5000	6.44	6.40	6.37	6.34	6.32
20. 7500	6.31	6.29	6.28	6.26	6.25
21. 0000	6.24	6.22	6.21	6.20	6.19
21. 2500	6.18	6.17	6.16	6.14	6.13
21. 5000	6.12	6.11	6.10	6.09	6.08
21. 7500	6.06	6.05	6.04	6.03	6.02
22. 0000	6.01	6.00	5.98	5.97	5.96
22. 2500	5.95	5.94	5.93	5.91	5.90
22. 5000	5.89	5.88	5.87	5.86	5.85
22. 7500	5.83	5.82	5.81	5.80	5.79
23. 0000	5.78	5.76	5.75	5.74	5.73
23. 2500	5.72	5.71	5.69	5.68	5.67
23. 5000	5.66	5.65	5.64	5.63	5.61
23. 7500	5.60	5.59	5.58	5.57	5.55
24. 0000	5.54	5.51	5.42	5.26	5.00
24. 2500	4.60	3.97	3.47	2.88	2.33
24. 5000	1.84	1.47	1.27	1.06	.87
24. 7500	.70	.57	.46	.36	.28
25. 0000	.22	.19	.17	.15	.14

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                asbuilt basin 1 2 and 4.txt
25. 2500 | .12      .11      .10      .09      .08
25. 5000 | .07      .06      .06      .05      .05
25. 7500 | .05      .05      .04      .04      .04
26. 0000 | .04      .04      .03      .03      .03

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S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11.63

Name... ROUTE 30

Tag: 100

Event: 100 yr

File... \\2serverpr\ PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
26. 2500	.03	.03	.03	.02	.02
26. 5000	.02	.02	.02	.02	.02
26. 7500	.02	.02	.01	.01	.01
27. 0000	.01	.01	.01	.01	.01
27. 2500	.01	.01	.01	.01	.01
27. 5000	.01	.01	.01	.01	.01
27. 7500	.01	.01	.00	.00	.00
28. 0000	.00	.00	.00	.00	.00
28. 2500	.00	.00	.00	.00	.00
28. 5000	.00	.00	.00	.00	.00
28. 7500	.00	.00	.00	.00	.00
29. 0000	.00	.00	.00	.00	.00
29. 2500	.00	.00	.00		

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Hydrograph

Page 11.64

Name... ROUTE 30

Tag: 100

Event: 100 yr

File... \\2serverpr\ PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

ICPM HYDROGRAPH...  
HYG file =  
HYG ID = ROUTE 30  
HYG Tag = 100

---

Peak Discharge = 110.98 cfs  
Time to Peak = 12.4500 hrs  
HYG Volume = 1179573 cu. ft

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
7. 2500	.00	.00	.00	.01	.01
7. 5000	.01	.02	.03	.04	.05
7. 7500	.07	.10	.14	.17	.22
8. 0000	.31	.39	.46	.52	.58
8. 2500	.64	.70	.77	.83	.90
8. 5000	.97	1.04	1.11	1.18	1.26
8. 7500	1.33	1.41	1.50	1.62	1.76
9. 0000	1.89	2.01	2.13	2.24	2.36
9. 2500	2.47	2.59	2.69	2.80	2.90

asbuilt basin 1 2 and 4.txt

9. 5000	3. 00	3. 10	3. 19	3. 29	3. 38
9. 7500	3. 49	3. 57	3. 67	3. 79	3. 99
10. 0000	4. 17	4. 35	4. 54	4. 69	4. 87
10. 2500	5. 06	5. 27	5. 53	5. 82	6. 11
10. 5000	6. 40	6. 70	6. 85	6. 98	7. 14
10. 7500	7. 33	7. 55	7. 81	8. 09	8. 43
11. 0000	8. 80	9. 19	9. 62	10. 08	10. 69
11. 2500	11. 33	11. 93	12. 60	13. 41	14. 30
11. 5000	15. 22	16. 28	17. 68	19. 48	22. 29
11. 7500	26. 61	33. 09	42. 93	50. 94	61. 58
12. 0000	69. 42	74. 50	80. 70	90. 01	97. 35
12. 2500	103. 06	107. 15	109. 61	110. 77	110. 98
12. 5000	110. 81	110. 30	109. 42	108. 22	106. 77
12. 7500	105. 06	103. 17	101. 17	98. 98	96. 89
13. 0000	94. 66	92. 43	90. 32	88. 24	86. 37
13. 2500	84. 47	82. 66	79. 99	77. 53	75. 20
13. 5000	73. 24	71. 33	69. 62	68. 09	66. 61
13. 7500	65. 26	64. 09	63. 04	62. 02	60. 66
14. 0000	58. 39	56. 23	54. 28	52. 45	50. 66
14. 2500	48. 95	47. 34	45. 70	44. 16	42. 69
14. 5000	41. 30	37. 28	33. 93	31. 20	28. 15
14. 7500	26. 87	24. 43	22. 47	21. 16	20. 09

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11. 65

Name... ROUTE 30

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
15. 0000	19. 28	18. 62	17. 95	17. 41	16. 94
15. 2500	16. 52	16. 15	15. 85	15. 58	15. 33
15. 5000	15. 09	14. 87	14. 66	14. 45	14. 25
15. 7500	14. 04	13. 85	13. 66	13. 47	13. 29
16. 0000	13. 11	12. 93	12. 76	12. 60	12. 45
16. 2500	12. 30	12. 16	12. 02	11. 88	11. 76
16. 5000	11. 64	11. 52	11. 42	11. 31	11. 22
16. 7500	11. 12	11. 01	10. 92	10. 83	10. 75
17. 0000	10. 67	10. 60	10. 52	10. 46	10. 39
17. 2500	10. 32	10. 26	10. 20	10. 15	10. 10
17. 5000	10. 05	10. 00	9. 95	9. 89	9. 84
17. 7500	9. 79	9. 73	9. 67	9. 62	9. 56
18. 0000	9. 51	9. 45	9. 39	9. 33	9. 28
18. 2500	9. 22	9. 16	9. 10	9. 04	8. 99
18. 5000	8. 93	8. 87	8. 81	8. 75	8. 69
18. 7500	8. 63	8. 58	8. 52	8. 46	8. 40
19. 0000	8. 34	8. 28	8. 22	8. 16	8. 10
19. 2500	8. 05	7. 99	7. 93	7. 88	7. 82
19. 5000	7. 76	7. 70	7. 64	7. 58	7. 53
19. 7500	7. 47	7. 41	7. 35	7. 29	7. 23
20. 0000	7. 17	7. 11	7. 05	6. 99	6. 93
20. 2500	6. 88	6. 82	6. 77	6. 60	6. 51
20. 5000	6. 44	6. 40	6. 37	6. 34	6. 32
20. 7500	6. 31	6. 29	6. 28	6. 26	6. 25
21. 0000	6. 24	6. 22	6. 21	6. 20	6. 19
21. 2500	6. 18	6. 17	6. 16	6. 14	6. 13
21. 5000	6. 12	6. 11	6. 10	6. 09	6. 08
21. 7500	6. 06	6. 05	6. 04	6. 03	6. 02

asbuilt basin 1 2 and 4.txt

22. 0000	6. 01	6. 00	5. 98	5. 97	5. 96
22. 2500	5. 95	5. 94	5. 93	5. 91	5. 90
22. 5000	5. 89	5. 88	5. 87	5. 86	5. 85
22. 7500	5. 83	5. 82	5. 81	5. 80	5. 79
23. 0000	5. 78	5. 76	5. 75	5. 74	5. 73
23. 2500	5. 72	5. 71	5. 69	5. 68	5. 67
23. 5000	5. 66	5. 65	5. 64	5. 63	5. 61
23. 7500	5. 60	5. 59	5. 58	5. 57	5. 55
24. 0000	5. 54	5. 51	5. 42	5. 26	5. 00
24. 2500	4. 60	3. 97	3. 47	2. 88	2. 33
24. 5000	1. 84	1. 47	1. 27	1. 06	. 87
24. 7500	. 70	. 57	. 46	. 36	. 28
25. 0000	. 22	. 19	. 17	. 15	. 14
25. 2500	. 12	. 11	. 10	. 09	. 08
25. 5000	. 07	. 06	. 06	. 05	. 05
25. 7500	. 05	. 05	. 04	. 04	. 04
26. 0000	. 04	. 04	. 03	. 03	. 03

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Hydrograph

Page 11. 66

Name... ROUTE 30

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeI 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
26. 2500	. 03	. 03	. 03	. 02	. 02
26. 5000	. 02	. 02	. 02	. 02	. 02
26. 7500	. 02	. 02	. 01	. 01	. 01
27. 0000	. 01	. 01	. 01	. 01	. 01
27. 2500	. 01	. 01	. 01	. 01	. 01
27. 5000	. 01	. 01	. 01	. 01	. 01
27. 7500	. 01	. 01	. 00	. 00	. 00
28. 0000	. 00	. 00	. 00	. 00	. 00
28. 2500	. 00	. 00	. 00	. 00	. 00
28. 5000	. 00	. 00	. 00	. 00	. 00
28. 7500	. 00	. 00	. 00	. 00	. 00
29. 0000	. 00	. 00	. 00	. 00	. 00
29. 2500	. 00	. 00	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-EI ev

Page 12. 01

Name... BASIN 2

OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 15

TIME vs. ELEVATION (ft)

Time hrs					
6. 6500	572. 99	572. 99	573. 00	573. 01	573. 02
6. 9000	573. 04	573. 06	573. 08	573. 09	573. 10
7. 1500	573. 11	573. 11	573. 12	573. 13	573. 14
7. 4000	573. 14	573. 15	573. 16	573. 17	573. 17
7. 6500	573. 18	573. 19	573. 19	573. 20	573. 20

asbuilt basin 1 2 and 4.txt

7. 9000	573. 21	573. 21	573. 22	573. 22	573. 23
8. 1500	573. 23	573. 24	573. 24	573. 25	573. 26
8. 4000	573. 26	573. 27	573. 28	573. 29	573. 30
8. 6500	573. 30	573. 31	573. 32	573. 33	573. 33
8. 9000	573. 34	573. 35	573. 36	573. 37	573. 38
9. 1500	573. 39	573. 39	573. 40	573. 41	573. 41
9. 4000	573. 42	573. 42	573. 43	573. 43	573. 44
9. 6500	573. 44	573. 45	573. 46	573. 46	573. 47
9. 9000	573. 48	573. 49	573. 50	573. 51	573. 52
10. 1500	573. 53	573. 54	573. 55	573. 57	573. 58
10. 4000	573. 59	573. 61	573. 62	573. 63	573. 65
10. 6500	573. 66	573. 68	573. 70	573. 71	573. 73
10. 9000	573. 75	573. 77	573. 79	573. 81	573. 83
11. 1500	573. 86	573. 88	573. 91	573. 94	573. 97
11. 4000	574. 01	574. 05	574. 09	574. 13	574. 20
11. 6500	574. 31	574. 49	574. 75	574. 97	575. 26
11. 9000	575. 66	576. 11	576. 67	577. 34	578. 01
12. 1500	578. 62	579. 11	579. 45	579. 65	579. 73
12. 4000	579. 72	579. 64	579. 51	579. 35	579. 15
12. 6500	578. 92	578. 67	578. 41	578. 13	577. 84
12. 9000	577. 55	577. 25	576. 96	576. 66	576. 37
13. 1500	576. 09	575. 80	575. 47	575. 08	574. 52
13. 4000	574. 22	574. 20	574. 18	574. 16	574. 15
13. 6500	574. 13	574. 11	574. 10	574. 08	574. 07
13. 9000	574. 06	574. 04	574. 03	574. 02	574. 00
14. 1500	573. 99	573. 98	573. 97	573. 96	573. 95
14. 4000	573. 94	573. 93	573. 93	573. 92	573. 92
14. 6500	573. 91	573. 91	573. 90	573. 90	573. 89
14. 9000	573. 89	573. 88	573. 88	573. 87	573. 87
15. 1500	573. 86	573. 86	573. 85	573. 85	573. 84
15. 4000	573. 84	573. 83	573. 83	573. 82	573. 82
15. 6500	573. 81	573. 80	573. 80	573. 79	573. 79
15. 9000	573. 78	573. 78	573. 77	573. 77	573. 76
16. 1500	573. 75	573. 75	573. 74	573. 74	573. 74
16. 4000	573. 73	573. 73	573. 73	573. 73	573. 72
16. 6500	573. 72	573. 72	573. 72	573. 71	573. 71
16. 9000	573. 71	573. 71	573. 71	573. 70	573. 70
17. 1500	573. 70	573. 70	573. 70	573. 69	573. 69

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-Elev

Page 12.02

Name... BASIN2 OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
17. 4000	573. 69	573. 69	573. 69	573. 68	573. 68
17. 6500	573. 68	573. 68	573. 67	573. 67	573. 67
17. 9000	573. 67	573. 66	573. 66	573. 66	573. 66
18. 1500	573. 66	573. 65	573. 65	573. 65	573. 65
18. 4000	573. 64	573. 64	573. 64	573. 64	573. 63
18. 6500	573. 63	573. 63	573. 63	573. 63	573. 62
18. 9000	573. 62	573. 62	573. 62	573. 61	573. 61
19. 1500	573. 61	573. 61	573. 60	573. 60	573. 60
19. 4000	573. 60	573. 60	573. 59	573. 59	573. 59
19. 6500	573. 58	573. 58	573. 58	573. 58	573. 57

asbuilt basin 1 2 and 4.txt

19. 9000	573. 57	573. 57	573. 57	573. 56	573. 56
20. 1500	573. 56	573. 55	573. 55	573. 55	573. 55
20. 4000	573. 55	573. 55	573. 55	573. 54	573. 54
20. 6500	573. 54	573. 54	573. 54	573. 54	573. 54
20. 9000	573. 54	573. 54	573. 54	573. 54	573. 54
21. 1500	573. 54	573. 54	573. 54	573. 54	573. 54
21. 4000	573. 54	573. 53	573. 53	573. 53	573. 53
21. 6500	573. 53	573. 53	573. 53	573. 53	573. 53
21. 9000	573. 53	573. 53	573. 53	573. 53	573. 53
22. 1500	573. 53	573. 53	573. 53	573. 53	573. 52
22. 4000	573. 52	573. 52	573. 52	573. 52	573. 52
22. 6500	573. 52	573. 52	573. 52	573. 52	573. 52
22. 9000	573. 52	573. 52	573. 52	573. 52	573. 52
23. 1500	573. 52	573. 52	573. 52	573. 51	573. 51
23. 4000	573. 51	573. 51	573. 51	573. 51	573. 51
23. 6500	573. 51	573. 51	573. 51	573. 51	573. 51
23. 9000	573. 51	573. 51	573. 51	573. 50	573. 50
24. 1500	573. 47	573. 44	573. 40	573. 35	573. 30
24. 4000	573. 25	573. 21	573. 18	573. 15	573. 13
24. 6500	573. 11	573. 10	573. 09	573. 06	573. 04
24. 9000	573. 02	573. 01	573. 01	573. 00	573. 00
25. 1500	572. 99				

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-Elev

Page 12.03

Name... BASIN2 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
6. 2500	572. 99	573. 00	573. 00	573. 01	573. 03
6. 5000	573. 05	573. 07	573. 09	573. 10	573. 11
6. 7500	573. 11	573. 12	573. 13	573. 14	573. 15
7. 0000	573. 15	573. 16	573. 17	573. 18	573. 19
7. 2500	573. 19	573. 20	573. 20	573. 21	573. 22
7. 5000	573. 22	573. 23	573. 23	573. 24	573. 24
7. 7500	573. 25	573. 25	573. 26	573. 26	573. 27
8. 0000	573. 27	573. 28	573. 29	573. 29	573. 30
8. 2500	573. 30	573. 31	573. 31	573. 32	573. 33
8. 5000	573. 34	573. 34	573. 35	573. 36	573. 37
8. 7500	573. 38	573. 39	573. 40	573. 40	573. 41
9. 0000	573. 42	573. 43	573. 44	573. 45	573. 45
9. 2500	573. 46	573. 47	573. 48	573. 48	573. 49
9. 5000	573. 49	573. 50	573. 50	573. 51	573. 51
9. 7500	573. 52	573. 53	573. 54	573. 55	573. 56
10. 0000	573. 57	573. 58	573. 59	573. 60	573. 61
10. 2500	573. 62	573. 64	573. 65	573. 66	573. 68
10. 5000	573. 69	573. 71	573. 72	573. 74	573. 76
10. 7500	573. 78	573. 79	573. 81	573. 83	573. 85
11. 0000	573. 88	573. 90	573. 92	573. 95	573. 98
11. 2500	574. 01	574. 04	574. 08	574. 11	574. 16
11. 5000	574. 20	574. 25	574. 32	574. 44	574. 64
11. 7500	574. 89	575. 11	575. 45	575. 87	576. 37
12. 0000	577. 03	577. 78	578. 54	579. 22	579. 76
12. 2500	580. 15	580. 39	580. 50	580. 52	580. 46
12. 5000	580. 36	580. 20	580. 02	579. 81	579. 57



asbuilt basin 1 2 and 4.txt

12. 7500	579. 31	579. 04	578. 76	578. 47	578. 17
13. 0000	577. 87	577. 57	577. 26	576. 96	576. 66
13. 2500	576. 37	576. 08	575. 80	575. 48	575. 08
13. 5000	574. 55	574. 24	574. 22	574. 20	574. 19
13. 7500	574. 17	574. 15	574. 14	574. 12	574. 11
14. 0000	574. 09	574. 08	574. 07	574. 05	574. 04
14. 2500	574. 03	574. 02	574. 01	574. 00	573. 99
14. 5000	573. 99	573. 98	573. 98	573. 97	573. 96
14. 7500	573. 96	573. 95	573. 95	573. 94	573. 94
15. 0000	573. 93	573. 93	573. 92	573. 92	573. 91
15. 2500	573. 90	573. 90	573. 89	573. 89	573. 88
15. 5000	573. 88	573. 87	573. 87	573. 86	573. 85
15. 7500	573. 85	573. 84	573. 84	573. 83	573. 82
16. 0000	573. 82	573. 81	573. 81	573. 80	573. 80
16. 2500	573. 79	573. 79	573. 78	573. 78	573. 78
16. 5000	573. 77	573. 77	573. 77	573. 77	573. 76
16. 7500	573. 76	573. 76	573. 76	573. 75	573. 75

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-El ev

Page 12. 04

Name. . . . BASIN2 OUT Tag: 25

Event: 25 yr

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . TypeI 24hr Tag: 25

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

17. 0000	573. 75	573. 75	573. 74	573. 74	573. 74
17. 2500	573. 74	573. 73	573. 73	573. 73	573. 73
17. 5000	573. 73	573. 72	573. 72	573. 72	573. 72
17. 7500	573. 71	573. 71	573. 71	573. 71	573. 70
18. 0000	573. 70	573. 70	573. 70	573. 70	573. 69
18. 2500	573. 69	573. 69	573. 69	573. 68	573. 68
18. 5000	573. 68	573. 68	573. 67	573. 67	573. 67
18. 7500	573. 66	573. 66	573. 66	573. 66	573. 65
19. 0000	573. 65	573. 65	573. 65	573. 64	573. 64
19. 2500	573. 64	573. 64	573. 63	573. 63	573. 63
19. 5000	573. 63	573. 62	573. 62	573. 62	573. 62
19. 7500	573. 61	573. 61	573. 61	573. 60	573. 60
20. 0000	573. 60	573. 60	573. 59	573. 59	573. 59
20. 2500	573. 59	573. 59	573. 58	573. 58	573. 58
20. 5000	573. 58	573. 58	573. 58	573. 58	573. 58
20. 7500	573. 58	573. 58	573. 57	573. 57	573. 57
21. 0000	573. 57	573. 57	573. 57	573. 57	573. 57
21. 2500	573. 57	573. 57	573. 57	573. 57	573. 57
21. 5000	573. 57	573. 57	573. 57	573. 56	573. 56
21. 7500	573. 56	573. 56	573. 56	573. 56	573. 56
22. 0000	573. 56	573. 56	573. 56	573. 56	573. 56
22. 2500	573. 56	573. 56	573. 56	573. 56	573. 56
22. 5000	573. 55	573. 55	573. 55	573. 55	573. 55
22. 7500	573. 55	573. 55	573. 55	573. 55	573. 55
23. 0000	573. 55	573. 55	573. 55	573. 55	573. 55
23. 2500	573. 55	573. 54	573. 54	573. 54	573. 54
23. 5000	573. 54	573. 54	573. 54	573. 54	573. 54
23. 7500	573. 54	573. 54	573. 54	573. 54	573. 54
24. 0000	573. 54	573. 53	573. 52	573. 50	573. 47
24. 2500	573. 42	573. 37	573. 31	573. 26	573. 22
24. 5000	573. 19	573. 16	573. 14	573. 12	573. 10

asbuilt basin 1 2 and 4.txt

24. 7500	573. 09	573. 07	573. 04	573. 03	573. 02
25. 0000	573. 01	573. 00	573. 00	572. 99	

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-Elev

Page 12.05

Name. . . . BASIN2 OUT Tag: 100

Event: 100 yr

File. . . . \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . TypeII 24hr Tag: 100

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
5. 3500	572. 99	572. 99	573. 00	573. 01	573. 03
5. 6000	573. 05	573. 08	573. 10	573. 10	573. 11
5. 8500	573. 12	573. 13	573. 14	573. 15	573. 16
6. 1000	573. 17	573. 18	573. 19	573. 20	573. 20
6. 3500	573. 21	573. 22	573. 22	573. 23	573. 24
6. 6000	573. 24	573. 25	573. 26	573. 26	573. 27
6. 8500	573. 28	573. 28	573. 29	573. 30	573. 30
7. 1000	573. 31	573. 31	573. 32	573. 32	573. 33
7. 3500	573. 33	573. 34	573. 35	573. 35	573. 36
7. 6000	573. 36	573. 37	573. 37	573. 38	573. 39
7. 8500	573. 39	573. 40	573. 40	573. 41	573. 41
8. 1000	573. 42	573. 42	573. 43	573. 43	573. 44
8. 3500	573. 45	573. 45	573. 46	573. 47	573. 48
8. 6000	573. 49	573. 50	573. 51	573. 52	573. 53
8. 8500	573. 54	573. 55	573. 56	573. 57	573. 58
9. 1000	573. 59	573. 60	573. 61	573. 61	573. 62
9. 3500	573. 63	573. 63	573. 64	573. 64	573. 65
9. 6000	573. 65	573. 66	573. 67	573. 67	573. 68
9. 8500	573. 69	573. 70	573. 71	573. 72	573. 74
10. 1000	573. 75	573. 76	573. 78	573. 79	573. 81
10. 3500	573. 82	573. 84	573. 86	573. 87	573. 89
10. 6000	573. 91	573. 93	573. 95	573. 97	573. 99
10. 8500	574. 01	574. 04	574. 06	574. 09	574. 12
11. 1000	574. 14	574. 17	574. 21	574. 24	574. 28
11. 3500	574. 32	574. 37	574. 42	574. 47	574. 53
11. 6000	574. 63	574. 78	574. 93	575. 15	575. 48
11. 8500	575. 89	576. 40	577. 10	577. 97	578. 93
12. 1000	579. 86	580. 70	581. 36	581. 71	581. 77
12. 3500	581. 70	581. 60	581. 49	581. 39	581. 28
12. 6000	581. 15	580. 98	580. 79	580. 57	580. 34
12. 8500	580. 09	579. 82	579. 55	579. 27	578. 98
13. 1000	578. 69	578. 39	578. 10	577. 80	577. 50
13. 3500	577. 20	576. 91	576. 62	576. 35	576. 08
13. 6000	575. 81	575. 51	575. 16	574. 74	574. 32
13. 8500	574. 30	574. 29	574. 27	574. 25	574. 24
14. 1000	574. 22	574. 21	574. 19	574. 18	574. 16
14. 3500	574. 15	574. 14	574. 14	574. 13	574. 12
14. 6000	574. 11	574. 11	574. 10	574. 10	574. 09
14. 8500	574. 08	574. 08	574. 07	574. 06	574. 06
15. 1000	574. 05	574. 04	574. 04	574. 03	574. 03
15. 3500	574. 02	574. 01	574. 01	574. 00	573. 99
15. 6000	573. 99	573. 98	573. 97	573. 97	573. 96
15. 8500	573. 95	573. 95	573. 94	573. 93	573. 93

S/N:

PondPack Ver:

Compute Time:

Date:

asbuilt basin 1 2 and 4.txt

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Type... Time-Elev  
 Name... BASIN2 OUT Tag: 100 Page 12.06  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW Event: 100 yr  
 Storm... Type I 24hr Tag: 100

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
16. 1000	573.92	573.91	573.91	573.90	573.90
16. 3500	573.89	573.89	573.88	573.88	573.88
16. 6000	573.87	573.87	573.87	573.86	573.86
16. 8500	573.86	573.86	573.85	573.85	573.85
17. 1000	573.85	573.84	573.84	573.84	573.84
17. 3500	573.83	573.83	573.83	573.82	573.82
17. 6000	573.82	573.82	573.81	573.81	573.81
17. 8500	573.81	573.80	573.80	573.80	573.80
18. 1000	573.79	573.79	573.79	573.78	573.78
18. 3500	573.78	573.78	573.77	573.77	573.77
18. 6000	573.76	573.76	573.76	573.75	573.75
18. 8500	573.75	573.75	573.74	573.74	573.74
19. 1000	573.73	573.73	573.73	573.72	573.72
19. 3500	573.72	573.72	573.71	573.71	573.71
19. 6000	573.70	573.70	573.70	573.69	573.69
19. 8500	573.69	573.68	573.68	573.68	573.67
20. 1000	573.67	573.67	573.67	573.66	573.66
20. 3500	573.66	573.66	573.66	573.65	573.65
20. 6000	573.65	573.65	573.65	573.65	573.65
20. 8500	573.65	573.65	573.65	573.65	573.65
21. 1000	573.65	573.65	573.64	573.64	573.64
21. 3500	573.64	573.64	573.64	573.64	573.64
21. 6000	573.64	573.64	573.64	573.64	573.64
21. 8500	573.64	573.64	573.63	573.63	573.63
22. 1000	573.63	573.63	573.63	573.63	573.63
22. 3500	573.63	573.63	573.63	573.63	573.63
22. 6000	573.63	573.63	573.63	573.62	573.62
22. 8500	573.62	573.62	573.62	573.62	573.62
23. 1000	573.62	573.62	573.62	573.62	573.62
23. 3500	573.62	573.62	573.62	573.61	573.61
23. 6000	573.61	573.61	573.61	573.61	573.61
23. 8500	573.61	573.61	573.61	573.61	573.60
24. 1000	573.59	573.57	573.53	573.48	573.42
24. 3500	573.36	573.30	573.25	573.22	573.19
24. 6000	573.15	573.13	573.11	573.10	573.09
24. 8500	573.06	573.04	573.02	573.01	573.00
25. 1000	573.00	572.99			

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Time-Elev  
 Name... BASIN3A Tag: 15 Page 12.07  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW Event: 15 yr  
 Storm... Type I 24hr Tag: 15

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				

asbuilt basin 1 2 and 4.txt

. 0000	565.00	565.00	565.00	565.00	565.00
. 2500	565.00	565.00	565.00	565.00	565.00
. 5000	565.00	565.00	565.00	565.00	565.00
. 7500	565.00	565.00	565.00	565.00	565.00
1. 0000	565.00	565.00	565.00	565.00	565.00
1. 2500	565.00	565.00	565.00	565.00	565.00
1. 5000	565.00	565.00	565.00	565.00	565.00
1. 7500	565.00	565.00	565.00	565.00	565.00
2. 0000	565.00	565.00	565.00	565.00	565.00
2. 2500	565.00	565.00	565.00	565.00	565.00
2. 5000	565.00	565.00	565.00	565.00	565.00
2. 7500	565.00	565.00	565.00	565.00	565.00
3. 0000	565.00	565.00	565.00	565.00	565.00
3. 2500	565.00	565.00	565.00	565.00	565.00
3. 5000	565.00	565.00	565.00	565.00	565.00
3. 7500	565.00	565.00	565.00	565.00	565.00
4. 0000	565.00	565.00	565.00	565.00	565.00
4. 2500	565.00	565.00	565.00	565.00	565.00
4. 5000	565.00	565.00	565.00	565.00	565.00
4. 7500	565.00	565.00	565.00	565.00	565.00
5. 0000	565.00	565.00	565.00	565.00	565.00
5. 2500	565.00	565.00	565.00	565.00	565.00
5. 5000	565.00	565.00	565.00	565.00	565.00
5. 7500	565.00	565.00	565.00	565.00	565.00
6. 0000	565.00	565.00	565.00	565.00	565.00
6. 2500	565.00	565.00	565.00	565.00	565.00
6. 5000	565.00	565.00	565.00	565.00	565.00
6. 7500	565.00	565.00	565.00	565.00	565.00
7. 0000	565.00	565.00	565.00	565.00	565.00
7. 2500	565.00	565.00	565.00	565.00	565.00
7. 5000	565.00	565.00	565.00	565.00	565.00
7. 7500	565.00	565.00	565.00	565.00	565.00
8. 0000	565.00	565.00	565.00	565.00	565.00
8. 2500	565.00	565.00	565.00	565.00	565.00
8. 5000	565.00	565.00	565.00	565.00	565.00
8. 7500	565.00	565.00	565.00	565.01	565.01
9. 0000	565.02	565.03	565.05	565.06	565.08
9. 2500	565.11	565.13	565.16	565.19	565.21
9. 5000	565.23	565.25	565.27	565.29	565.30
9. 7500	565.32	565.33	565.35	565.36	565.38
10. 0000	565.39	565.41	565.43	565.45	565.48
10. 2500	565.50	565.52	565.53	565.55	565.56
10. 5000	565.58	565.59	565.61	565.63	565.65

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-Elev

Page 12.08

Name... BASIN3A

Tag: 15

Event: 15 yr

File... \\2serverprsr\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
10. 7500	565.67	565.69	565.71	565.75	565.77
11. 0000	565.79	565.82	565.85	565.89	565.92
11. 2500	565.95	565.99	566.01	566.02	566.04
11. 5000	566.07	566.10	566.14	566.20	566.29

asbuilt basin 1 2 and 4.txt

11. 7500	566.42	566.61	566.89	567.29	567.85
12. 0000	568.31	568.79	569.38	570.02	570.42
12. 2500	570.76	571.04	571.23	571.35	571.41
12. 5000	571.42	571.39	571.34	571.27	571.18
12. 7500	571.07	570.96	570.84	570.72	570.59
13. 0000	570.46	570.32	570.19	570.05	569.87
13. 2500	569.66	569.45	569.26	569.07	568.88
13. 5000	568.71	568.54	568.38	568.22	568.07
13. 7500	567.87	567.63	567.43	567.27	567.12
14. 0000	567.00	566.90	566.82	566.75	566.70
14. 2500	566.64	566.60	566.56	566.53	566.50
14. 5000	566.47	566.44	566.42	566.41	566.39
14. 7500	566.37	566.36	566.35	566.33	566.32
15. 0000	566.31	566.30	566.29	566.28	566.28
15. 2500	566.27	566.26	566.25	566.25	566.24
15. 5000	566.23	566.23	566.22	566.21	566.20
15. 7500	566.20	566.19	566.18	566.17	566.17
16. 0000	566.16	566.15	566.14	566.14	566.13
16. 2500	566.12	566.11	566.11	566.10	566.09
16. 5000	566.09	566.08	566.08	566.07	566.07
16. 7500	566.06	566.06	566.05	566.05	566.05
17. 0000	566.04	566.04	566.04	566.03	566.03
17. 2500	566.02	566.02	566.02	566.02	566.01
17. 5000	566.01	566.01	566.00	566.00	565.99
17. 7500	565.98	565.98	565.98	565.97	565.97
18. 0000	565.97	565.96	565.96	565.96	565.96
18. 2500	565.95	565.95	565.95	565.94	565.94
18. 5000	565.94	565.94	565.93	565.93	565.93
18. 7500	565.93	565.92	565.92	565.92	565.91
19. 0000	565.91	565.91	565.91	565.90	565.90
19. 2500	565.90	565.89	565.89	565.88	565.88
19. 5000	565.87	565.87	565.86	565.86	565.85
19. 7500	565.85	565.84	565.84	565.83	565.83
20. 0000	565.82	565.82	565.81	565.81	565.80
20. 2500	565.80	565.80	565.79	565.79	565.79
20. 5000	565.79	565.79	565.79	565.79	565.79
20. 7500	565.79	565.78	565.78	565.78	565.78
21. 0000	565.78	565.78	565.78	565.78	565.78
21. 2500	565.78	565.78	565.78	565.78	565.78
21. 5000	565.78	565.78	565.78	565.78	565.78

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-El ev

Page 12.09

Name. . . . BASIN3A

Tag: 15

Event: 15 yr

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 15

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
21. 7500	565.77	565.77	565.77	565.77	565.77
22. 0000	565.77	565.77	565.77	565.77	565.77
22. 2500	565.77	565.77	565.77	565.77	565.77
22. 5000	565.77	565.77	565.77	565.77	565.77
22. 7500	565.76	565.76	565.76	565.76	565.76
23. 0000	565.76	565.76	565.76	565.76	565.76
23. 2500	565.76	565.76	565.76	565.76	565.76
23. 5000	565.76	565.76	565.76	565.76	565.76

asbuilt basin 1 2 and 4.txt

23. 7500	565. 75	565. 75	565. 75	565. 75	565. 75
24. 0000	565. 75	565. 75	565. 74	565. 73	565. 70
24. 2500	565. 67	565. 63	565. 58	565. 54	565. 51
24. 5000	565. 46	565. 41	565. 36	565. 33	565. 30
24. 7500	565. 27	565. 25	565. 23	565. 21	565. 20
25. 0000	565. 19	565. 18	565. 16	565. 15	565. 14
25. 2500	565. 13	565. 13	565. 12	565. 11	565. 11
25. 5000	565. 10	565. 10	565. 09	565. 09	565. 08
25. 7500	565. 08	565. 07	565. 07	565. 07	565. 06
26. 0000	565. 06	565. 06	565. 05	565. 05	565. 05
26. 2500	565. 04	565. 04	565. 04	565. 04	565. 04
26. 5000	565. 03	565. 03	565. 03	565. 03	565. 03
26. 7500	565. 03	565. 02	565. 02	565. 02	565. 02
27. 0000	565. 02	565. 02	565. 02	565. 02	565. 02
27. 2500	565. 01	565. 01	565. 01	565. 01	565. 01
27. 5000	565. 01	565. 01	565. 01	565. 01	565. 01
27. 7500	565. 01	565. 01	565. 01	565. 01	565. 01
28. 0000	565. 01	565. 01	565. 01	565. 01	565. 01
28. 2500	565. 00	565. 00	565. 00	565. 00	565. 00
28. 5000	565. 00	565. 00	565. 00	565. 00	565. 00
28. 7500	565. 00	565. 00	565. 00	565. 00	565. 00
29. 0000	565. 00	565. 00	565. 00	565. 00	565. 00
29. 2500	565. 00	565. 00	565. 00	565. 00	565. 00
29. 5000	565. 00	565. 00	565. 00	565. 00	565. 00
29. 7500	565. 00	565. 00	565. 00	565. 00	565. 00
30. 0000	565. 00	565. 00	565. 00	565. 00	565. 00
30. 2500	565. 00	565. 00	565. 00	565. 00	565. 00
30. 5000	565. 00	565. 00	565. 00	565. 00	565. 00
30. 7500	565. 00	565. 00	565. 00	565. 00	565. 00
31. 0000	565. 00	565. 00	565. 00	565. 00	565. 00
31. 2500	565. 00	565. 00	565. 00	565. 00	565. 00
31. 5000	565. 00	565. 00	565. 00	565. 00	565. 00
31. 7500	565. 00	565. 00	565. 00	565. 00	565. 00
32. 0000	565. 00	565. 00	565. 00	565. 00	565. 00
32. 2500	565. 00	565. 00	565. 00	565. 00	565. 00
32. 5000	565. 00	565. 00	565. 00	565. 00	565. 00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-EI ev

Page 12. 10

Name. . . . BASI N3A

Tag: 15

Event: 15 yr

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm. . . TypeII 24hr Tag: 15

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
32. 7500	565. 00	565. 00	565. 00	565. 00	565. 00
33. 0000	565. 00	565. 00	565. 00	565. 00	565. 00
33. 2500	565. 00	565. 00	565. 00	565. 00	565. 00
33. 5000	565. 00	565. 00	565. 00	565. 00	565. 00
33. 7500	565. 00	565. 00	565. 00	565. 00	565. 00
34. 0000	565. 00	565. 00	565. 00	565. 00	565. 00
34. 2500	565. 00	565. 00	565. 00	565. 00	565. 00
34. 5000	565. 00	565. 00	565. 00	565. 00	565. 00
34. 7500	565. 00	565. 00	565. 00	565. 00	565. 00
35. 0000	565. 00	565. 00	565. 00	565. 00	565. 00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-El ev

Page 12.11

Name... BASI N3A

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\El mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr

Tag: 25

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
.0000	565.00	565.00	565.00	565.00	565.00
.2500	565.00	565.00	565.00	565.00	565.00
.5000	565.00	565.00	565.00	565.00	565.00
.7500	565.00	565.00	565.00	565.00	565.00
1.0000	565.00	565.00	565.00	565.00	565.00
1.2500	565.00	565.00	565.00	565.00	565.00
1.5000	565.00	565.00	565.00	565.00	565.00
1.7500	565.00	565.00	565.00	565.00	565.00
2.0000	565.00	565.00	565.00	565.00	565.00
2.2500	565.00	565.00	565.00	565.00	565.00
2.5000	565.00	565.00	565.00	565.00	565.00
2.7500	565.00	565.00	565.00	565.00	565.00
3.0000	565.00	565.00	565.00	565.00	565.00
3.2500	565.00	565.00	565.00	565.00	565.00
3.5000	565.00	565.00	565.00	565.00	565.00
3.7500	565.00	565.00	565.00	565.00	565.00
4.0000	565.00	565.00	565.00	565.00	565.00
4.2500	565.00	565.00	565.00	565.00	565.00
4.5000	565.00	565.00	565.00	565.00	565.00
4.7500	565.00	565.00	565.00	565.00	565.00
5.0000	565.00	565.00	565.00	565.00	565.00
5.2500	565.00	565.00	565.00	565.00	565.00
5.5000	565.00	565.00	565.00	565.00	565.00
5.7500	565.00	565.00	565.00	565.00	565.00
6.0000	565.00	565.00	565.00	565.00	565.00
6.2500	565.00	565.00	565.00	565.00	565.00
6.5000	565.00	565.00	565.00	565.00	565.00
6.7500	565.00	565.00	565.00	565.00	565.00
7.0000	565.00	565.00	565.00	565.00	565.00
7.2500	565.00	565.00	565.00	565.00	565.00
7.5000	565.00	565.00	565.00	565.00	565.00
7.7500	565.00	565.00	565.00	565.00	565.00
8.0000	565.00	565.00	565.00	565.00	565.00
8.2500	565.00	565.00	565.00	565.00	565.01
8.5000	565.01	565.02	565.03	565.04	565.06
8.7500	565.08	565.10	565.12	565.15	565.18
9.0000	565.21	565.23	565.25	565.27	565.28
9.2500	565.30	565.32	565.34	565.35	565.37
9.5000	565.38	565.40	565.41	565.43	565.44
9.7500	565.46	565.48	565.50	565.51	565.53
10.0000	565.54	565.55	565.56	565.57	565.59
10.2500	565.60	565.61	565.63	565.65	565.66
10.5000	565.68	565.70	565.73	565.76	565.78

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-El ev

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Name... BASI N3A

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\El mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

asbuilt basin 1 2 and 4.txt

4. PPW

Storm... Type I 24hr Tag: 25

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
10. 7500	565. 79	565. 82	565. 85	565. 88	565. 91
11. 0000	565. 94	565. 96	565. 99	566. 01	566. 02
11. 2500	566. 04	566. 06	566. 08	566. 11	566. 15
11. 5000	566. 19	566. 23	566. 28	566. 35	566. 46
11. 7500	566. 61	566. 84	567. 17	567. 64	568. 15
12. 0000	568. 62	569. 22	569. 97	570. 48	570. 96
12. 2500	571. 38	571. 70	571. 93	572. 06	572. 11
12. 5000	572. 13	572. 11	572. 07	572. 01	571. 92
12. 7500	571. 81	571. 68	571. 55	571. 42	571. 28
13. 0000	571. 14	571. 00	570. 86	570. 71	570. 57
13. 2500	570. 43	570. 29	570. 14	570. 00	569. 79
13. 5000	569. 58	569. 37	569. 18	568. 99	568. 81
13. 7500	568. 64	568. 47	568. 32	568. 16	568. 02
14. 0000	567. 78	567. 56	567. 37	567. 22	567. 07
14. 2500	566. 97	566. 88	566. 81	566. 75	566. 69
14. 5000	566. 65	566. 61	566. 58	566. 55	566. 52
14. 7500	566. 50	566. 48	566. 46	566. 44	566. 43
15. 0000	566. 42	566. 40	566. 39	566. 38	566. 37
15. 2500	566. 36	566. 35	566. 34	566. 33	566. 32
15. 5000	566. 31	566. 30	566. 30	566. 29	566. 28
15. 7500	566. 27	566. 27	566. 26	566. 25	566. 24
16. 0000	566. 24	566. 23	566. 22	566. 21	566. 21
16. 2500	566. 20	566. 19	566. 18	566. 18	566. 17
16. 5000	566. 16	566. 16	566. 15	566. 14	566. 14
16. 7500	566. 13	566. 13	566. 13	566. 12	566. 12
17. 0000	566. 11	566. 11	566. 10	566. 10	566. 10
17. 2500	566. 09	566. 09	566. 09	566. 08	566. 08
17. 5000	566. 08	566. 07	566. 07	566. 07	566. 06
17. 7500	566. 06	566. 06	566. 05	566. 05	566. 05
18. 0000	566. 04	566. 04	566. 04	566. 03	566. 03
18. 2500	566. 03	566. 02	566. 02	566. 02	566. 01
18. 5000	566. 01	566. 01	566. 00	566. 00	565. 99
18. 7500	565. 98	565. 98	565. 97	565. 97	565. 96
19. 0000	565. 96	565. 96	565. 95	565. 95	565. 95
19. 2500	565. 95	565. 94	565. 94	565. 94	565. 93
19. 5000	565. 93	565. 93	565. 92	565. 92	565. 92
19. 7500	565. 91	565. 91	565. 91	565. 90	565. 90
20. 0000	565. 90	565. 89	565. 89	565. 88	565. 88
20. 2500	565. 87	565. 87	565. 86	565. 86	565. 85
20. 5000	565. 85	565. 85	565. 85	565. 84	565. 84
20. 7500	565. 84	565. 84	565. 84	565. 84	565. 84
21. 0000	565. 83	565. 83	565. 83	565. 83	565. 83
21. 2500	565. 83	565. 83	565. 83	565. 83	565. 82
21. 5000	565. 82	565. 82	565. 82	565. 82	565. 82

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-Elev

Name... BASI N3A

Tag: 25

Page 12. 13

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TIME vs. ELEVATION (ft)



asbuilt basin 1 2 and 4.txt

Time hrs	Output Time increment = .0500 hrs				
Time on left represents time for first value in each row.					
21. 7500	565.82	565.82	565.82	565.81	565.81
22. 0000	565.81	565.81	565.81	565.81	565.81
22. 2500	565.81	565.81	565.80	565.80	565.80
22. 5000	565.80	565.80	565.80	565.80	565.80
22. 7500	565.80	565.80	565.80	565.80	565.80
23. 0000	565.79	565.79	565.79	565.79	565.79
23. 2500	565.79	565.79	565.79	565.79	565.79
23. 5000	565.79	565.79	565.79	565.79	565.79
23. 7500	565.79	565.79	565.79	565.78	565.78
24. 0000	565.78	565.78	565.78	565.77	565.75
24. 2500	565.71	565.66	565.62	565.57	565.53
24. 5000	565.48	565.43	565.38	565.34	565.31
24. 7500	565.28	565.25	565.23	565.22	565.21
25. 0000	565.19	565.18	565.17	565.16	565.15
25. 2500	565.14	565.13	565.12	565.11	565.11
25. 5000	565.10	565.10	565.09	565.09	565.08
25. 7500	565.08	565.07	565.07	565.07	565.06
26. 0000	565.06	565.06	565.05	565.05	565.05
26. 2500	565.05	565.04	565.04	565.04	565.04
26. 5000	565.03	565.03	565.03	565.03	565.03
26. 7500	565.03	565.02	565.02	565.02	565.02
27. 0000	565.02	565.02	565.02	565.02	565.02
27. 2500	565.02	565.01	565.01	565.01	565.01
27. 5000	565.01	565.01	565.01	565.01	565.01
27. 7500	565.01	565.01	565.01	565.01	565.01
28. 0000	565.01	565.01	565.01	565.01	565.01
28. 2500	565.01	565.00	565.00	565.00	565.00
28. 5000	565.00	565.00	565.00	565.00	565.00
28. 7500	565.00	565.00	565.00	565.00	565.00
29. 0000	565.00	565.00	565.00	565.00	565.00
29. 2500	565.00	565.00	565.00	565.00	565.00
29. 5000	565.00	565.00	565.00	565.00	565.00
29. 7500	565.00	565.00	565.00	565.00	565.00
30. 0000	565.00	565.00	565.00	565.00	565.00
30. 2500	565.00	565.00	565.00	565.00	565.00
30. 5000	565.00	565.00	565.00	565.00	565.00
30. 7500	565.00	565.00	565.00	565.00	565.00
31. 0000	565.00	565.00	565.00	565.00	565.00
31. 2500	565.00	565.00	565.00	565.00	565.00
31. 5000	565.00	565.00	565.00	565.00	565.00
31. 7500	565.00	565.00	565.00	565.00	565.00
32. 0000	565.00	565.00	565.00	565.00	565.00
32. 2500	565.00	565.00	565.00	565.00	565.00
32. 5000	565.00	565.00	565.00	565.00	565.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-EI ev

Page 12.14

Name... BASIN3A

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
Time on left represents time for first value in each row.					

asbuilt basin 1 2 and 4.txt

32. 7500	565.00	565.00	565.00	565.00	565.00
33. 0000	565.00	565.00	565.00	565.00	565.00
33. 2500	565.00	565.00	565.00	565.00	565.00
33. 5000	565.00	565.00	565.00	565.00	565.00
33. 7500	565.00	565.00	565.00	565.00	565.00
34. 0000	565.00	565.00	565.00	565.00	565.00
34. 2500	565.00	565.00	565.00	565.00	565.00
34. 5000	565.00	565.00	565.00	565.00	565.00
34. 7500	565.00	565.00	565.00	565.00	565.00
35. 0000	565.00				

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-Elev

Page 12.15

Name... BASIN3A Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
. 0000	565.00	565.00	565.00	565.00	565.00
. 2500	565.00	565.00	565.00	565.00	565.00
. 5000	565.00	565.00	565.00	565.00	565.00
. 7500	565.00	565.00	565.00	565.00	565.00
1. 0000	565.00	565.00	565.00	565.00	565.00
1. 2500	565.00	565.00	565.00	565.00	565.00
1. 5000	565.00	565.00	565.00	565.00	565.00
1. 7500	565.00	565.00	565.00	565.00	565.00
2. 0000	565.00	565.00	565.00	565.00	565.00
2. 2500	565.00	565.00	565.00	565.00	565.00
2. 5000	565.00	565.00	565.00	565.00	565.00
2. 7500	565.00	565.00	565.00	565.00	565.00
3. 0000	565.00	565.00	565.00	565.00	565.00
3. 2500	565.00	565.00	565.00	565.00	565.00
3. 5000	565.00	565.00	565.00	565.00	565.00
3. 7500	565.00	565.00	565.00	565.00	565.00
4. 0000	565.00	565.00	565.00	565.00	565.00
4. 2500	565.00	565.00	565.00	565.00	565.00
4. 5000	565.00	565.00	565.00	565.00	565.00
4. 7500	565.00	565.00	565.00	565.00	565.00
5. 0000	565.00	565.00	565.00	565.00	565.00
5. 2500	565.00	565.00	565.00	565.00	565.00
5. 5000	565.00	565.00	565.00	565.00	565.00
5. 7500	565.00	565.00	565.00	565.00	565.00
6. 0000	565.00	565.00	565.00	565.00	565.00
6. 2500	565.00	565.00	565.00	565.00	565.00
6. 5000	565.00	565.00	565.00	565.00	565.00
6. 7500	565.00	565.00	565.00	565.00	565.00
7. 0000	565.00	565.00	565.00	565.00	565.00
7. 2500	565.00	565.00	565.00	565.01	565.02
7. 5000	565.02	565.04	565.05	565.07	565.09
7. 7500	565.11	565.13	565.16	565.18	565.20
8. 0000	565.22	565.24	565.25	565.27	565.28
8. 2500	565.30	565.31	565.32	565.34	565.35
8. 5000	565.36	565.38	565.39	565.41	565.43
8. 7500	565.45	565.47	565.49	565.51	565.52
9. 0000	565.53	565.55	565.56	565.57	565.58
9. 2500	565.59	565.60	565.62	565.63	565.64

asbuilt basin 1 2 and 4.txt

9. 5000	565. 65	565. 66	565. 67	565. 68	565. 69
9. 7500	565. 70	565. 71	565. 73	565. 75	565. 76
10. 0000	565. 78	565. 79	565. 80	565. 82	565. 84
10. 2500	565. 86	565. 89	565. 91	565. 93	565. 95
10. 5000	565. 97	565. 99	566. 01	566. 02	566. 03

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-Elev

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Name. . . . BASIN3A

Tag: 100

Event: 100 yr

File. . . . \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 100

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
10. 7500	566. 04	566. 06	566. 08	566. 10	566. 12
11. 0000	566. 15	566. 18	566. 21	566. 24	566. 27
11. 2500	566. 31	566. 35	566. 39	566. 44	566. 49
11. 5000	566. 55	566. 61	566. 69	566. 79	566. 93
11. 7500	567. 14	567. 46	567. 91	568. 30	568. 81
12. 0000	569. 57	570. 34	571. 05	571. 77	572. 34
12. 2500	572. 77	573. 12	573. 37	573. 54	573. 64
12. 5000	573. 68	573. 68	573. 65	573. 59	573. 50
12. 7500	573. 40	573. 29	573. 17	573. 05	572. 92
13. 0000	572. 79	572. 65	572. 52	572. 39	572. 26
13. 2500	572. 12	571. 99	571. 81	571. 64	571. 47
13. 5000	571. 31	571. 15	571. 00	570. 84	570. 69
13. 7500	570. 54	570. 40	570. 25	570. 11	569. 95
14. 0000	569. 73	569. 52	569. 32	569. 13	568. 95
14. 2500	568. 77	568. 60	568. 44	568. 29	568. 14
14. 5000	568. 00	567. 76	567. 55	567. 38	567. 24
14. 7500	567. 11	567. 01	566. 94	566. 87	566. 82
15. 0000	566. 78	566. 74	566. 70	566. 67	566. 65
15. 2500	566. 63	566. 61	566. 59	566. 57	566. 56
15. 5000	566. 54	566. 53	566. 52	566. 50	566. 49
15. 7500	566. 48	566. 47	566. 46	566. 45	566. 44
16. 0000	566. 43	566. 41	566. 40	566. 39	566. 38
16. 2500	566. 37	566. 37	566. 36	566. 35	566. 34
16. 5000	566. 33	566. 32	566. 32	566. 31	566. 30
16. 7500	566. 30	566. 29	566. 29	566. 28	566. 28
17. 0000	566. 27	566. 27	566. 27	566. 26	566. 26
17. 2500	566. 26	566. 25	566. 25	566. 25	566. 24
17. 5000	566. 24	566. 24	566. 23	566. 23	566. 22
17. 7500	566. 22	566. 22	566. 21	566. 21	566. 20
18. 0000	566. 20	566. 20	566. 19	566. 19	566. 18
18. 2500	566. 18	566. 18	566. 17	566. 17	566. 16
18. 5000	566. 16	566. 16	566. 15	566. 15	566. 14
18. 7500	566. 14	566. 13	566. 13	566. 13	566. 12
19. 0000	566. 12	566. 11	566. 11	566. 10	566. 10
19. 2500	566. 10	566. 09	566. 09	566. 08	566. 08
19. 5000	566. 07	566. 07	566. 07	566. 06	566. 06
19. 7500	566. 05	566. 05	566. 04	566. 04	566. 03
20. 0000	566. 03	566. 03	566. 02	566. 02	566. 01
20. 2500	566. 01	566. 00	566. 00	565. 99	565. 98
20. 5000	565. 98	565. 97	565. 97	565. 97	565. 97
20. 7500	565. 97	565. 97	565. 96	565. 96	565. 96
21. 0000	565. 96	565. 96	565. 96	565. 96	565. 96
21. 2500	565. 96	565. 96	565. 96	565. 96	565. 95

21. 5000 | 565. 95 565. 95 565. 95 565. 95 565. 95

asbuilt basin 1 2 and 4. txt

S/N:  
PondPack Ver: Compute Time: Date:

♀

Type. . . . Time-EI ev Page 12. 17

Name. . . . BASI N3A Tag: 100 Event: 100 yr

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . TypeII 24hr Tag: 100

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
21. 7500	565. 95	565. 95	565. 95	565. 95	565. 95
22. 0000	565. 95	565. 95	565. 94	565. 94	565. 94
22. 2500	565. 94	565. 94	565. 94	565. 94	565. 94
22. 5000	565. 94	565. 94	565. 94	565. 94	565. 93
22. 7500	565. 93	565. 93	565. 93	565. 93	565. 93
23. 0000	565. 93	565. 93	565. 93	565. 93	565. 93
23. 2500	565. 93	565. 92	565. 92	565. 92	565. 92
23. 5000	565. 92	565. 92	565. 92	565. 92	565. 92
23. 7500	565. 92	565. 92	565. 92	565. 92	565. 91
24. 0000	565. 91	565. 91	565. 90	565. 89	565. 86
24. 2500	565. 81	565. 76	565. 70	565. 64	565. 58
24. 5000	565. 53	565. 48	565. 43	565. 38	565. 34
24. 7500	565. 31	565. 28	565. 25	565. 23	565. 22
25. 0000	565. 20	565. 19	565. 18	565. 17	565. 16
25. 2500	565. 15	565. 14	565. 13	565. 12	565. 11
25. 5000	565. 11	565. 10	565. 10	565. 09	565. 09
25. 7500	565. 08	565. 08	565. 07	565. 07	565. 07
26. 0000	565. 06	565. 06	565. 06	565. 05	565. 05
26. 2500	565. 05	565. 04	565. 04	565. 04	565. 04
26. 5000	565. 04	565. 03	565. 03	565. 03	565. 03
26. 7500	565. 03	565. 03	565. 02	565. 02	565. 02
27. 0000	565. 02	565. 02	565. 02	565. 02	565. 02
27. 2500	565. 02	565. 02	565. 01	565. 01	565. 01
27. 5000	565. 01	565. 01	565. 01	565. 01	565. 01
27. 7500	565. 01	565. 01	565. 01	565. 01	565. 01
28. 0000	565. 01	565. 01	565. 01	565. 01	565. 01
28. 2500	565. 01	565. 01	565. 00	565. 00	565. 00
28. 5000	565. 00	565. 00	565. 00	565. 00	565. 00
28. 7500	565. 00	565. 00	565. 00	565. 00	565. 00
29. 0000	565. 00	565. 00	565. 00	565. 00	565. 00
29. 2500	565. 00	565. 00	565. 00	565. 00	565. 00
29. 5000	565. 00	565. 00	565. 00	565. 00	565. 00
29. 7500	565. 00	565. 00	565. 00	565. 00	565. 00
30. 0000	565. 00	565. 00	565. 00	565. 00	565. 00
30. 2500	565. 00	565. 00	565. 00	565. 00	565. 00
30. 5000	565. 00	565. 00	565. 00	565. 00	565. 00
30. 7500	565. 00	565. 00	565. 00	565. 00	565. 00
31. 0000	565. 00	565. 00	565. 00	565. 00	565. 00
31. 2500	565. 00	565. 00	565. 00	565. 00	565. 00
31. 5000	565. 00	565. 00	565. 00	565. 00	565. 00
31. 7500	565. 00	565. 00	565. 00	565. 00	565. 00
32. 0000	565. 00	565. 00	565. 00	565. 00	565. 00
32. 2500	565. 00	565. 00	565. 00	565. 00	565. 00
32. 5000	565. 00	565. 00	565. 00	565. 00	565. 00

S/N:  
PondPack Ver: Compute Time: Date:

♀

Type... Time-El ev Page 12.18  
 Name... BASIN3A Tag: 100 Event: 100 yr  
 File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 100

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
32.7500	565.00	565.00	565.00	565.00	565.00
33.0000	565.00	565.00	565.00	565.00	565.00
33.2500	565.00	565.00	565.00	565.00	565.00
33.5000	565.00	565.00	565.00	565.00	565.00
33.7500	565.00	565.00	565.00	565.00	565.00
34.0000	565.00	565.00	565.00	565.00	565.00
34.2500	565.00	565.00	565.00	565.00	565.00
34.5000	565.00	565.00	565.00	565.00	565.00
34.7500	565.00	565.00	565.00	565.00	565.00
35.0000	565.00				

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Time-El ev Page 12.19  
 Name... BASIN3B Tag: 15 Event: 15 yr  
 File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 15

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
.0000	563.50	563.50	563.50	563.50	563.50
.2500	563.50	563.50	563.50	563.50	563.50
.5000	563.50	563.50	563.50	563.50	563.50
.7500	563.50	563.50	563.50	563.50	563.50
1.0000	563.50	563.50	563.50	563.50	563.50
1.2500	563.50	563.50	563.50	563.50	563.50
1.5000	563.50	563.50	563.50	563.50	563.50
1.7500	563.50	563.50	563.50	563.50	563.50
2.0000	563.50	563.50	563.50	563.50	563.50
2.2500	563.50	563.50	563.50	563.50	563.50
2.5000	563.50	563.50	563.50	563.50	563.50
2.7500	563.50	563.50	563.50	563.50	563.50
3.0000	563.50	563.50	563.50	563.50	563.50
3.2500	563.50	563.50	563.50	563.50	563.50
3.5000	563.50	563.50	563.50	563.50	563.50
3.7500	563.50	563.50	563.50	563.50	563.50
4.0000	563.50	563.50	563.50	563.50	563.50
4.2500	563.50	563.50	563.50	563.50	563.50
4.5000	563.50	563.50	563.50	563.50	563.50
4.7500	563.50	563.50	563.50	563.50	563.50
5.0000	563.50	563.50	563.50	563.50	563.50
5.2500	563.50	563.50	563.50	563.50	563.50
5.5000	563.50	563.50	563.50	563.50	563.50
5.7500	563.50	563.50	563.50	563.50	563.50
6.0000	563.50	563.50	563.50	563.50	563.50
6.2500	563.50	563.50	563.50	563.50	563.50

asbuilt basin 1 2 and 4.txt

6. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
6. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
7. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
7. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
7. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
7. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
8. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
8. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
8. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
8. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
9. 0000	563. 50	563. 51	563. 51	563. 51	563. 52
9. 2500	563. 53	563. 54	563. 56	563. 58	563. 61
9. 5000	563. 64	563. 68	563. 72	563. 76	563. 80
9. 7500	563. 82	563. 85	563. 87	563. 89	563. 91
10. 0000	563. 94	563. 96	563. 98	564. 00	564. 01
10. 2500	564. 01	564. 02	564. 04	564. 05	564. 07
10. 5000	564. 09	564. 11	564. 13	564. 15	564. 18

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-El ev

Page 12. 20

Name. . . . BASI N3B

Tag: 15

Event: 15 yr

File. . . . \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 15

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
10. 7500	564. 20	564. 22	564. 25	564. 28	564. 31
11. 0000	564. 34	564. 37	564. 40	564. 44	564. 47
11. 2500	564. 51	564. 55	564. 59	564. 63	564. 66
11. 5000	564. 69	564. 72	564. 76	564. 80	564. 86
11. 7500	564. 95	565. 07	565. 25	565. 52	565. 90
12. 0000	566. 23	566. 57	566. 92	567. 23	567. 47
12. 2500	567. 66	567. 81	567. 93	568. 03	568. 09
12. 5000	568. 13	568. 16	568. 16	568. 16	568. 14
12. 7500	568. 11	568. 07	568. 03	567. 98	567. 92
13. 0000	567. 86	567. 81	567. 76	567. 71	567. 66
13. 2500	567. 60	567. 53	567. 45	567. 38	567. 30
13. 5000	567. 23	567. 16	567. 09	567. 02	566. 95
13. 7500	566. 87	566. 77	566. 66	566. 54	566. 41
14. 0000	566. 29	566. 18	566. 06	565. 94	565. 81
14. 2500	565. 70	565. 61	565. 54	565. 48	565. 42
14. 5000	565. 38	565. 34	565. 30	565. 27	565. 24
14. 7500	565. 22	565. 19	565. 17	565. 16	565. 14
15. 0000	565. 13	565. 11	565. 10	565. 09	565. 08
15. 2500	565. 06	565. 05	565. 04	565. 03	565. 02
15. 5000	565. 01	565. 00	564. 99	564. 98	564. 97
15. 7500	564. 96	564. 95	564. 95	564. 94	564. 93
16. 0000	564. 92	564. 91	564. 90	564. 89	564. 88
16. 2500	564. 87	564. 87	564. 86	564. 85	564. 84
16. 5000	564. 83	564. 83	564. 82	564. 81	564. 81
16. 7500	564. 80	564. 80	564. 79	564. 79	564. 78
17. 0000	564. 78	564. 77	564. 77	564. 76	564. 76
17. 2500	564. 75	564. 75	564. 74	564. 74	564. 74
17. 5000	564. 73	564. 73	564. 73	564. 72	564. 72
17. 7500	564. 71	564. 71	564. 70	564. 69	564. 69
18. 0000	564. 68	564. 68	564. 67	564. 67	564. 67
18. 2500	564. 66	564. 66	564. 65	564. 65	564. 65

asbuilt basin 1 2 and 4.txt

18. 5000	564. 64	564. 64	564. 63	564. 63	564. 63
18. 7500	564. 62	564. 62	564. 61	564. 61	564. 61
19. 0000	564. 60	564. 60	564. 60	564. 59	564. 59
19. 2500	564. 58	564. 58	564. 58	564. 57	564. 57
19. 5000	564. 56	564. 56	564. 56	564. 55	564. 55
19. 7500	564. 54	564. 54	564. 54	564. 53	564. 53
20. 0000	564. 52	564. 52	564. 51	564. 51	564. 51
20. 2500	564. 50	564. 50	564. 49	564. 49	564. 49
20. 5000	564. 48	564. 48	564. 48	564. 47	564. 47
20. 7500	564. 47	564. 47	564. 47	564. 46	564. 46
21. 0000	564. 46	564. 46	564. 46	564. 46	564. 46
21. 2500	564. 46	564. 45	564. 45	564. 45	564. 45
21. 5000	564. 45	564. 45	564. 45	564. 45	564. 45

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-EI ev

Page 12. 21

Name. . . . BASIN3B

Tag: 15

Event: 15 yr

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . TypeII 24hr Tag: 15

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

21. 7500	564. 45	564. 45	564. 44	564. 44	564. 44
22. 0000	564. 44	564. 44	564. 44	564. 44	564. 44
22. 2500	564. 44	564. 44	564. 44	564. 43	564. 43
22. 5000	564. 43	564. 43	564. 43	564. 43	564. 43
22. 7500	564. 43	564. 43	564. 43	564. 43	564. 42
23. 0000	564. 42	564. 42	564. 42	564. 42	564. 42
23. 2500	564. 42	564. 42	564. 42	564. 42	564. 42
23. 5000	564. 41	564. 41	564. 41	564. 41	564. 41
23. 7500	564. 41	564. 41	564. 41	564. 41	564. 41
24. 0000	564. 41	564. 40	564. 40	564. 40	564. 39
24. 2500	564. 38	564. 36	564. 34	564. 30	564. 27
24. 5000	564. 23	564. 19	564. 15	564. 12	564. 09
24. 7500	564. 05	564. 02	563. 98	563. 90	563. 84
25. 0000	563. 79	563. 76	563. 73	563. 71	563. 69
25. 2500	563. 67	563. 66	563. 65	563. 63	563. 62
25. 5000	563. 62	563. 61	563. 60	563. 60	563. 59
25. 7500	563. 59	563. 58	563. 58	563. 57	563. 57
26. 0000	563. 56	563. 56	563. 56	563. 55	563. 55
26. 2500	563. 55	563. 55	563. 54	563. 54	563. 54
26. 5000	563. 54	563. 53	563. 53	563. 53	563. 53
26. 7500	563. 53	563. 53	563. 53	563. 52	563. 52
27. 0000	563. 52	563. 52	563. 52	563. 52	563. 52
27. 2500	563. 52	563. 52	563. 51	563. 51	563. 51
27. 5000	563. 51	563. 51	563. 51	563. 51	563. 51
27. 7500	563. 51	563. 51	563. 51	563. 51	563. 51
28. 0000	563. 51	563. 51	563. 51	563. 51	563. 51
28. 2500	563. 51	563. 51	563. 50	563. 50	563. 50
28. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
28. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
29. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
29. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
29. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
29. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
30. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
30. 2500	563. 50	563. 50	563. 50	563. 50	563. 50

asbuilt basin 1 2 and 4.txt

30. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
30. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
31. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
31. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
31. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
31. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
32. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
32. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
32. 5000	563. 50	563. 50	563. 50	563. 50	563. 50

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-El ev

Page 12.22

Name. . . . BASIN3B

Tag: 15

Event: 15 yr

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . TypeI 24hr Tag: 15

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
32. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
33. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
33. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
33. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
33. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
34. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
34. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
34. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
34. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
35. 0000	563. 50				

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Time-El ev

Page 12.23

Name. . . . BASIN3B

Tag: 25

Event: 25 yr

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . TypeI 24hr Tag: 25

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
1. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
1. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
1. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
1. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
2. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
2. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
2. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
2. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
3. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
3. 2500	563. 50	563. 50	563. 50	563. 50	563. 50



asbuilt basin 1 2 and 4.txt

3. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
3. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
4. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
4. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
4. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
4. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
5. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
5. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
5. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
5. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
6. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
6. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
6. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
6. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
7. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
7. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
7. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
7. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
8. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
8. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
8. 5000	563. 50	563. 50	563. 51	563. 51	563. 51
8. 7500	563. 52	563. 53	563. 54	563. 55	563. 57
9. 0000	563. 60	563. 63	563. 67	563. 71	563. 75
9. 2500	563. 79	563. 82	563. 85	563. 87	563. 90
9. 5000	563. 92	563. 94	563. 96	563. 98	563. 99
9. 7500	564. 00	564. 01	564. 02	564. 03	564. 04
10. 0000	564. 05	564. 07	564. 08	564. 10	564. 12
10. 2500	564. 14	564. 15	564. 17	564. 19	564. 21
10. 5000	564. 23	564. 25	564. 28	564. 30	564. 33

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Time-El ev

Page 12. 24

Name. . . . BASI N3B

Tag: 25

Event: 25 yr

File. . . . \\2serverprs\PondPack\El mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr

Tag: 25

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
10. 7500	564. 36	564. 39	564. 42	564. 45	564. 48
11. 0000	564. 51	564. 54	564. 58	564. 61	564. 64
11. 2500	564. 67	564. 70	564. 72	564. 75	564. 78
11. 5000	564. 82	564. 85	564. 90	564. 96	565. 03
11. 7500	565. 14	565. 28	565. 50	565. 81	566. 15
12. 0000	566. 47	566. 82	567. 17	567. 45	567. 68
12. 2500	567. 89	568. 06	568. 19	568. 31	568. 40
12. 5000	568. 46	568. 50	568. 52	568. 52	568. 51
12. 7500	568. 48	568. 44	568. 39	568. 33	568. 27
13. 0000	568. 21	568. 14	568. 08	568. 02	567. 94
13. 2500	567. 87	567. 81	567. 75	567. 70	567. 64
13. 5000	567. 57	567. 50	567. 42	567. 35	567. 28
13. 7500	567. 20	567. 13	567. 06	566. 99	566. 92
14. 0000	566. 84	566. 73	566. 62	566. 50	566. 38
14. 2500	566. 26	566. 14	566. 03	565. 90	565. 78
14. 5000	565. 68	565. 60	565. 54	565. 48	565. 44
14. 7500	565. 40	565. 36	565. 33	565. 31	565. 28
15. 0000	565. 26	565. 24	565. 22	565. 20	565. 19
15. 2500	565. 18	565. 16	565. 15	565. 14	565. 13

asbuilt basin 1 2 and 4.txt

15. 5000	565. 12	565. 11	565. 10	565. 09	565. 08
15. 7500	565. 07	565. 06	565. 05	565. 03	565. 02
16. 0000	565. 01	565. 00	564. 99	564. 98	564. 98
16. 2500	564. 97	564. 96	564. 95	564. 94	564. 93
16. 5000	564. 92	564. 91	564. 90	564. 90	564. 89
16. 7500	564. 88	564. 88	564. 87	564. 86	564. 86
17. 0000	564. 85	564. 85	564. 84	564. 84	564. 83
17. 2500	564. 83	564. 83	564. 82	564. 82	564. 81
17. 5000	564. 81	564. 81	564. 80	564. 80	564. 80
17. 7500	564. 79	564. 79	564. 78	564. 78	564. 78
18. 0000	564. 77	564. 77	564. 76	564. 76	564. 76
18. 2500	564. 75	564. 75	564. 75	564. 74	564. 74
18. 5000	564. 73	564. 73	564. 73	564. 72	564. 72
18. 7500	564. 71	564. 70	564. 70	564. 69	564. 68
19. 0000	564. 68	564. 67	564. 67	564. 66	564. 66
19. 2500	564. 65	564. 65	564. 64	564. 64	564. 63
19. 5000	564. 63	564. 63	564. 62	564. 62	564. 61
19. 7500	564. 61	564. 60	564. 60	564. 59	564. 59
20. 0000	564. 59	564. 58	564. 58	564. 57	564. 57
20. 2500	564. 56	564. 56	564. 56	564. 55	564. 55
20. 5000	564. 54	564. 54	564. 54	564. 54	564. 53
20. 7500	564. 53	564. 53	564. 53	564. 53	564. 52
21. 0000	564. 52	564. 52	564. 52	564. 52	564. 52
21. 2500	564. 52	564. 52	564. 52	564. 51	564. 51
21. 5000	564. 51	564. 51	564. 51	564. 51	564. 51

S/N:

PondPack Ver:

Compute Time:

Date:

Type. . . . Time-Elev

Page 12. 25

Name. . . . BASIN3B

Tag: 25

Event: 25 yr

File. . . . \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . TypeII 24hr Tag: 25

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
21. 7500	564. 51	564. 51	564. 51	564. 51	564. 50
22. 0000	564. 50	564. 50	564. 50	564. 50	564. 50
22. 2500	564. 50	564. 50	564. 50	564. 50	564. 49
22. 5000	564. 49	564. 49	564. 49	564. 49	564. 49
22. 7500	564. 49	564. 49	564. 49	564. 49	564. 48
23. 0000	564. 48	564. 48	564. 48	564. 48	564. 48
23. 2500	564. 48	564. 48	564. 48	564. 48	564. 47
23. 5000	564. 47	564. 47	564. 47	564. 47	564. 47
23. 7500	564. 47	564. 47	564. 47	564. 46	564. 46
24. 0000	564. 46	564. 46	564. 46	564. 45	564. 44
24. 2500	564. 43	564. 41	564. 38	564. 35	564. 31
24. 5000	564. 27	564. 22	564. 18	564. 15	564. 11
24. 7500	564. 08	564. 04	564. 01	563. 95	563. 87
25. 0000	563. 82	563. 78	563. 74	563. 72	563. 70
25. 2500	563. 68	563. 66	563. 65	563. 64	563. 63
25. 5000	563. 62	563. 61	563. 60	563. 60	563. 59
25. 7500	563. 59	563. 58	563. 58	563. 57	563. 57
26. 0000	563. 57	563. 56	563. 56	563. 56	563. 55
26. 2500	563. 55	563. 55	563. 54	563. 54	563. 54
26. 5000	563. 54	563. 54	563. 53	563. 53	563. 53
26. 7500	563. 53	563. 53	563. 53	563. 52	563. 52
27. 0000	563. 52	563. 52	563. 52	563. 52	563. 52
27. 2500	563. 52	563. 52	563. 51	563. 51	563. 51

asbuilt basin 1 2 and 4.txt

27. 5000	563. 51	563. 51	563. 51	563. 51	563. 51
27. 7500	563. 51	563. 51	563. 51	563. 51	563. 51
28. 0000	563. 51	563. 51	563. 51	563. 51	563. 51
28. 2500	563. 51	563. 51	563. 50	563. 50	563. 50
28. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
28. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
29. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
29. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
29. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
29. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
30. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
30. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
30. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
30. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
31. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
31. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
31. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
31. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
32. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
32. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
32. 5000	563. 50	563. 50	563. 50	563. 50	563. 50

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-EI ev

Page 12. 26

Name. . . . BASI N3B

Tag: 25

Event: 25 yr

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 25

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
32. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
33. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
33. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
33. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
33. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
34. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
34. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
34. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
34. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
35. 0000	563. 50				

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Time-EI ev

Page 12. 27

Name. . . . BASI N3B

Tag: 100

Event: 100 yr

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 100

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
. 2500	563. 50	563. 50	563. 50	563. 50	563. 50

asbuilt basin 1 2 and 4.txt

. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
1. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
1. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
1. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
1. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
2. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
2. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
2. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
2. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
3. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
3. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
3. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
3. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
4. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
4. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
4. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
4. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
5. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
5. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
5. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
5. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
6. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
6. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
6. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
6. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
7. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
7. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
7. 5000	563. 50	563. 51	563. 51	563. 52	563. 52
7. 7500	563. 53	563. 54	563. 56	563. 58	563. 60
8. 0000	563. 63	563. 66	563. 70	563. 74	563. 77
8. 2500	563. 80	563. 82	563. 84	563. 86	563. 88
8. 5000	563. 90	563. 92	563. 94	563. 96	563. 98
8. 7500	563. 99	564. 00	564. 01	564. 02	564. 03
9. 0000	564. 05	564. 06	564. 08	564. 10	564. 11
9. 2500	564. 13	564. 15	564. 16	564. 18	564. 19
9. 5000	564. 21	564. 23	564. 24	564. 26	564. 27
9. 7500	564. 29	564. 31	564. 32	564. 33	564. 35
10. 0000	564. 37	564. 39	564. 41	564. 43	564. 45
10. 2500	564. 47	564. 49	564. 51	564. 53	564. 56
10. 5000	564. 58	564. 61	564. 64	564. 66	564. 68

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-El ev

Page 12. 28

Name. . . . BASIN3B

Tag: 100

Event: 100 yr

File. . . . \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 100

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
10. 7500	564. 70	564. 72	564. 74	564. 76	564. 78
11. 0000	564. 81	564. 83	564. 86	564. 89	564. 93
11. 2500	564. 97	565. 01	565. 05	565. 10	565. 15
11. 5000	565. 21	565. 27	565. 34	565. 42	565. 52
11. 7500	565. 66	565. 86	566. 10	566. 36	566. 67
12. 0000	567. 02	567. 35	567. 65	567. 95	568. 20
12. 2500	568. 44	568. 65	568. 85	569. 00	569. 10

asbuilt basin 1 2 and 4.txt

12. 5000	569. 15	569. 18	569. 20	569. 20	569. 19
12. 7500	569. 17	569. 16	569. 13	569. 10	569. 07
13. 0000	569. 03	568. 99	568. 93	568. 86	568. 80
13. 2500	568. 73	568. 66	568. 58	568. 50	568. 42
13. 5000	568. 33	568. 25	568. 17	568. 09	568. 02
13. 7500	567. 94	567. 87	567. 80	567. 74	567. 68
14. 0000	567. 62	567. 55	567. 48	567. 41	567. 33
14. 2500	567. 26	567. 19	567. 11	567. 04	566. 98
14. 5000	566. 91	566. 83	566. 73	566. 61	566. 50
14. 7500	566. 38	566. 28	566. 17	566. 07	565. 97
15. 0000	565. 85	565. 76	565. 69	565. 63	565. 58
15. 2500	565. 54	565. 50	565. 47	565. 44	565. 42
15. 5000	565. 40	565. 38	565. 37	565. 35	565. 33
15. 7500	565. 32	565. 30	565. 29	565. 27	565. 26
16. 0000	565. 25	565. 23	565. 22	565. 21	565. 20
16. 2500	565. 19	565. 17	565. 16	565. 15	565. 14
16. 5000	565. 14	565. 13	565. 12	565. 11	565. 10
16. 7500	565. 10	565. 09	565. 08	565. 07	565. 07
17. 0000	565. 06	565. 05	565. 04	565. 04	565. 03
17. 2500	565. 03	565. 02	565. 02	565. 01	565. 01
17. 5000	565. 00	565. 00	564. 99	564. 99	564. 98
17. 7500	564. 98	564. 97	564. 97	564. 96	564. 96
18. 0000	564. 96	564. 95	564. 95	564. 94	564. 94
18. 2500	564. 93	564. 93	564. 92	564. 92	564. 91
18. 5000	564. 91	564. 90	564. 90	564. 89	564. 89
18. 7500	564. 88	564. 88	564. 87	564. 87	564. 86
19. 0000	564. 86	564. 85	564. 85	564. 84	564. 84
19. 2500	564. 83	564. 83	564. 83	564. 82	564. 82
19. 5000	564. 81	564. 81	564. 80	564. 80	564. 79
19. 7500	564. 79	564. 78	564. 78	564. 77	564. 77
20. 0000	564. 76	564. 76	564. 75	564. 75	564. 74
20. 2500	564. 74	564. 73	564. 73	564. 72	564. 71
20. 5000	564. 70	564. 70	564. 69	564. 69	564. 68
20. 7500	564. 68	564. 68	564. 67	564. 67	564. 67
21. 0000	564. 67	564. 66	564. 66	564. 66	564. 66
21. 2500	564. 66	564. 66	564. 66	564. 66	564. 65
21. 5000	564. 65	564. 65	564. 65	564. 65	564. 65

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-El ev

Page 12. 29

Name. . . . BASI N3B

Tag: 100

Event: 100 yr

File. . . . \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUI LT BASI N 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 100

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
21. 7500	564. 65	564. 65	564. 65	564. 64	564. 64
22. 0000	564. 64	564. 64	564. 64	564. 64	564. 64
22. 2500	564. 64	564. 64	564. 63	564. 63	564. 63
22. 5000	564. 63	564. 63	564. 63	564. 63	564. 63
22. 7500	564. 63	564. 62	564. 62	564. 62	564. 62
23. 0000	564. 62	564. 62	564. 62	564. 62	564. 62
23. 2500	564. 61	564. 61	564. 61	564. 61	564. 61
23. 5000	564. 61	564. 61	564. 61	564. 61	564. 60
23. 7500	564. 60	564. 60	564. 60	564. 60	564. 60
24. 0000	564. 60	564. 60	564. 59	564. 59	564. 58
24. 2500	564. 56	564. 54	564. 50	564. 46	564. 42

asbuilt basin 1 2 and 4.txt

24. 5000	564. 37	564. 31	564. 26	564. 21	564. 17
24. 7500	564. 13	564. 09	564. 06	564. 02	563. 98
25. 0000	563. 89	563. 83	563. 79	563. 75	563. 72
25. 2500	563. 70	563. 68	563. 67	563. 65	563. 64
25. 5000	563. 63	563. 62	563. 61	563. 60	563. 60
25. 7500	563. 59	563. 59	563. 58	563. 58	563. 57
26. 0000	563. 57	563. 57	563. 56	563. 56	563. 56
26. 2500	563. 55	563. 55	563. 55	563. 54	563. 54
26. 5000	563. 54	563. 54	563. 54	563. 53	563. 53
26. 7500	563. 53	563. 53	563. 53	563. 53	563. 52
27. 0000	563. 52	563. 52	563. 52	563. 52	563. 52
27. 2500	563. 52	563. 52	563. 52	563. 51	563. 51
27. 5000	563. 51	563. 51	563. 51	563. 51	563. 51
27. 7500	563. 51	563. 51	563. 51	563. 51	563. 51
28. 0000	563. 51	563. 51	563. 51	563. 51	563. 51
28. 2500	563. 51	563. 51	563. 51	563. 50	563. 50
28. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
28. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
29. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
29. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
29. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
29. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
30. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
30. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
30. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
30. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
31. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
31. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
31. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
31. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
32. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
32. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
32. 5000	563. 50	563. 50	563. 50	563. 50	563. 50

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Time-El ev

Page 12. 30

Name... BASIN3B

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
32. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
33. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
33. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
33. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
33. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
34. 0000	563. 50	563. 50	563. 50	563. 50	563. 50
34. 2500	563. 50	563. 50	563. 50	563. 50	563. 50
34. 5000	563. 50	563. 50	563. 50	563. 50	563. 50
34. 7500	563. 50	563. 50	563. 50	563. 50	563. 50
35. 0000	563. 50				

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Time-El ev

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asbuilt basin 1 2 and 4.txt

Name... BASIN4 OUT Tag: 15 Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
8. 9500	578. 50	578. 51	578. 53	578. 57	578. 60
9. 2000	578. 60	578. 61	578. 61	578. 61	578. 61
9. 4500	578. 62	578. 62	578. 63	578. 63	578. 63
9. 7000	578. 64	578. 64	578. 65	578. 65	578. 66
9. 9500	578. 66	578. 67	578. 67	578. 68	578. 69
10. 2000	578. 69	578. 70	578. 72	578. 74	578. 77
10. 4500	578. 79	578. 81	578. 84	578. 86	578. 89
10. 7000	578. 92	578. 94	578. 97	579. 00	579. 01
10. 9500	579. 03	579. 04	579. 06	579. 07	579. 09
11. 2000	579. 11	579. 12	579. 14	579. 16	579. 18
11. 4500	579. 21	579. 24	579. 28	579. 33	579. 42
11. 7000	579. 59	579. 76	579. 93	580. 16	580. 50
11. 9500	580. 93	581. 43	581. 93	582. 42	582. 85
12. 2000	583. 22	583. 50	583. 69	583. 82	583. 89
12. 4500	583. 92	583. 92	583. 89	583. 85	583. 78
12. 7000	583. 71	583. 62	583. 52	583. 41	583. 29
12. 9500	583. 17	583. 04	582. 91	582. 77	582. 62
13. 2000	582. 47	582. 31	582. 15	581. 99	581. 82
13. 4500	581. 64	581. 46	581. 26	581. 07	580. 87
13. 7000	580. 66	580. 45	580. 24	580. 05	579. 88
13. 9500	579. 71	579. 44	579. 41	579. 40	579. 39
14. 2000	579. 38	579. 37	579. 36	579. 35	579. 34
14. 4500	579. 34	579. 33	579. 33	579. 32	579. 32
14. 7000	579. 31	579. 31	579. 30	579. 30	579. 29
14. 9500	579. 29	579. 28	579. 28	579. 28	579. 27
15. 2000	579. 27	579. 26	579. 26	579. 25	579. 25
15. 4500	579. 24	579. 24	579. 23	579. 23	579. 22
15. 7000	579. 22	579. 22	579. 21	579. 21	579. 20
15. 9500	579. 20	579. 19	579. 19	579. 19	579. 18
16. 2000	579. 18	579. 17	579. 17	579. 17	579. 17
16. 4500	579. 17	579. 16	579. 16	579. 16	579. 16
16. 7000	579. 16	579. 16	579. 15	579. 15	579. 15
16. 9500	579. 15	579. 15	579. 15	579. 15	579. 14
17. 2000	579. 14	579. 14	579. 14	579. 14	579. 14
17. 4500	579. 14	579. 13	579. 13	579. 13	579. 13
17. 7000	579. 13	579. 13	579. 13	579. 13	579. 12
17. 9500	579. 12	579. 12	579. 12	579. 12	579. 12
18. 2000	579. 12	579. 11	579. 11	579. 11	579. 11
18. 4500	579. 11	579. 11	579. 11	579. 10	579. 10
18. 7000	579. 10	579. 10	579. 10	579. 10	579. 09
18. 9500	579. 09	579. 09	579. 09	579. 09	579. 08
19. 2000	579. 08	579. 08	579. 08	579. 08	579. 08
19. 4500	579. 07	579. 07	579. 07	579. 07	579. 07

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-EI ev

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Name... BASIN4 OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

asbuilt basin 1 2 and 4.txt  
 TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
19. 7000	579.06	579.06	579.06	579.06	579.06
19. 9500	579.05	579.05	579.05	579.05	579.05
20. 2000	579.05	579.04	579.04	579.04	579.04
20. 4500	579.04	579.04	579.04	579.04	579.04
20. 7000	579.04	579.04	579.04	579.04	579.04
20. 9500	579.03	579.03	579.03	579.03	579.03
21. 2000	579.03	579.03	579.03	579.03	579.03
21. 4500	579.03	579.03	579.03	579.03	579.03
21. 7000	579.03	579.03	579.03	579.03	579.03
21. 9500	579.03	579.03	579.03	579.03	579.03
22. 2000	579.03	579.03	579.03	579.02	579.02
22. 4500	579.02	579.02	579.02	579.02	579.02
22. 7000	579.02	579.02	579.02	579.02	579.02
22. 9500	579.02	579.02	579.02	579.02	579.02
23. 2000	579.02	579.02	579.02	579.02	579.02
23. 4500	579.02	579.02	579.02	579.02	579.02
23. 7000	579.02	579.01	579.01	579.01	579.01
23. 9500	579.01	579.01	579.01	579.01	578.98
24. 2000	578.93	578.86	578.78	578.70	578.67
24. 4500	578.65	578.64	578.63	578.62	578.61
24. 7000	578.61	578.61	578.60	578.60	578.60
24. 9500	578.58	578.55	578.54	578.52	578.52

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-Elev

Page 12.33

Name... BASIN4 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
8. 5500	578.50	578.52	578.55	578.59	578.60
8. 8000	578.60	578.61	578.61	578.61	578.62
9. 0500	578.62	578.63	578.63	578.63	578.64
9. 3000	578.64	578.65	578.65	578.66	578.66
9. 5500	578.67	578.67	578.68	578.68	578.69
9. 8000	578.69	578.70	578.71	578.72	578.74
10. 0500	578.76	578.78	578.80	578.82	578.84
10. 3000	578.87	578.89	578.91	578.94	578.97
10. 5500	578.99	579.01	579.02	579.03	579.04
10. 8000	579.05	579.07	579.08	579.10	579.11
11. 0500	579.13	579.14	579.16	579.17	579.19
11. 3000	579.22	579.25	579.28	579.32	579.35
11. 5500	579.40	579.47	579.58	579.73	579.86
11. 8000	580.06	580.34	580.74	581.22	581.75
12. 0500	582.29	582.82	583.29	583.69	583.99
12. 3000	584.21	584.35	584.44	584.49	584.50
12. 5500	584.49	584.46	584.41	584.35	584.27
12. 8000	584.19	584.10	584.00	583.89	583.78
13. 0500	583.66	583.54	583.41	583.28	583.14
13. 3000	583.00	582.85	582.70	582.55	582.39
13. 5500	582.23	582.07	581.90	581.72	581.54



asbuilt basin 1 2 and 4.txt

13. 8000	581. 35	581. 16	580. 96	580. 75	580. 54
14. 0500	580. 33	580. 13	579. 95	579. 78	579. 55
14. 3000	579. 43	579. 42	579. 41	579. 40	579. 39
14. 5500	579. 39	579. 38	579. 38	579. 37	579. 37
14. 8000	579. 36	579. 36	579. 35	579. 35	579. 34
15. 0500	579. 34	579. 33	579. 33	579. 32	579. 32
15. 3000	579. 31	579. 31	579. 30	579. 30	579. 29
15. 5500	579. 29	579. 28	579. 28	579. 27	579. 27
15. 8000	579. 26	579. 26	579. 25	579. 25	579. 24
16. 0500	579. 23	579. 23	579. 22	579. 22	579. 21
16. 3000	579. 21	579. 21	579. 20	579. 20	579. 20
16. 5500	579. 20	579. 19	579. 19	579. 19	579. 19
16. 8000	579. 19	579. 19	579. 19	579. 18	579. 18
17. 0500	579. 18	579. 18	579. 18	579. 18	579. 17
17. 3000	579. 17	579. 17	579. 17	579. 17	579. 17
17. 5500	579. 16	579. 16	579. 16	579. 16	579. 16
17. 8000	579. 16	579. 16	579. 15	579. 15	579. 15
18. 0500	579. 15	579. 15	579. 15	579. 14	579. 14
18. 3000	579. 14	579. 14	579. 14	579. 14	579. 13
18. 5500	579. 13	579. 13	579. 13	579. 13	579. 13
18. 8000	579. 12	579. 12	579. 12	579. 12	579. 12
19. 0500	579. 12	579. 11	579. 11	579. 11	579. 11

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-Elev

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Name. . . . BASIN4 OUT Tag: 25

Event: 25 yr

File. . . . \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 25

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

19. 3000	579. 11	579. 11	579. 11	579. 10	579. 10
19. 5500	579. 10	579. 10	579. 10	579. 09	579. 09
19. 8000	579. 09	579. 09	579. 09	579. 08	579. 08
20. 0500	579. 08	579. 08	579. 07	579. 07	579. 07
20. 3000	579. 07	579. 07	579. 07	579. 07	579. 07
20. 5500	579. 06	579. 06	579. 06	579. 06	579. 06
20. 8000	579. 06	579. 06	579. 06	579. 06	579. 06
21. 0500	579. 06	579. 06	579. 06	579. 06	579. 06
21. 3000	579. 06	579. 06	579. 06	579. 06	579. 06
21. 5500	579. 06	579. 06	579. 06	579. 05	579. 05
21. 8000	579. 05	579. 05	579. 05	579. 05	579. 05
22. 0500	579. 05	579. 05	579. 05	579. 05	579. 05
22. 3000	579. 05	579. 05	579. 05	579. 05	579. 05
22. 5500	579. 05	579. 05	579. 05	579. 05	579. 05
22. 8000	579. 05	579. 05	579. 05	579. 04	579. 04
23. 0500	579. 04	579. 04	579. 04	579. 04	579. 04
23. 3000	579. 04	579. 04	579. 04	579. 04	579. 04
23. 5500	579. 04	579. 04	579. 04	579. 04	579. 04
23. 8000	579. 04	579. 04	579. 04	579. 04	579. 04
24. 0500	579. 03	579. 03	579. 01	578. 98	578. 91
24. 3000	578. 82	578. 73	578. 68	578. 66	578. 64
24. 5500	578. 63	578. 62	578. 62	578. 61	578. 61
24. 8000	578. 60	578. 60	578. 60	578. 58	578. 56
25. 0500	578. 54	578. 53	578. 52		

S/N:

PondPack Ver:

Compute Time:

Date:

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Type . . . Time-Elev

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Name . . . BASIN4 OUT Tag: 100

Event: 100 yr

File . . . \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm . . . Type I 24hr Tag: 100

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
7. 4500	578.50	578.51	578.53	578.57	578.60
7. 7000	578.60	578.60	578.61	578.61	578.61
7. 9500	578.62	578.62	578.62	578.62	578.63
8. 2000	578.63	578.64	578.64	578.64	578.65
8. 4500	578.65	578.66	578.66	578.67	578.67
8. 7000	578.68	578.68	578.69	578.70	578.71
8. 9500	578.72	578.74	578.76	578.78	578.80
9. 2000	578.82	578.83	578.85	578.86	578.88
9. 4500	578.89	578.90	578.92	578.93	578.94
9. 7000	578.96	578.97	578.99	579.00	579.01
9. 9500	579.02	579.03	579.03	579.04	579.05
10. 2000	579.06	579.07	579.08	579.10	579.11
10. 4500	579.12	579.13	579.14	579.15	579.16
10. 7000	579.18	579.19	579.21	579.23	579.25
10. 9500	579.27	579.29	579.32	579.34	579.36
11. 2000	579.39	579.43	579.48	579.52	579.57
11. 4500	579.62	579.68	579.72	579.77	579.85
11. 7000	579.99	580.18	580.46	580.85	581.34
11. 9500	581.91	582.53	583.17	583.78	584.32
12. 2000	584.78	585.14	585.40	585.59	585.71
12. 4500	585.79	585.83	585.84	585.84	585.81
12. 7000	585.78	585.73	585.67	585.60	585.53
12. 9500	585.45	585.37	585.28	585.19	585.10
13. 2000	585.00	584.90	584.79	584.69	584.58
13. 4500	584.46	584.35	584.23	584.11	583.98
13. 7000	583.86	583.72	583.59	583.45	583.31
13. 9500	583.17	583.02	582.87	582.72	582.56
14. 2000	582.40	582.23	582.06	581.89	581.71
14. 4500	581.52	581.34	581.14	580.94	580.74
14. 7000	580.54	580.34	580.15	579.98	579.83
14. 9500	579.69	579.50	579.50	579.49	579.48
15. 2000	579.47	579.47	579.46	579.45	579.44
15. 4500	579.44	579.43	579.42	579.41	579.40
15. 7000	579.40	579.39	579.38	579.38	579.37
15. 9500	579.37	579.36	579.35	579.35	579.34
16. 2000	579.33	579.33	579.32	579.32	579.32
16. 4500	579.31	579.31	579.31	579.30	579.30
16. 7000	579.30	579.30	579.29	579.29	579.29
16. 9500	579.29	579.28	579.28	579.28	579.28
17. 2000	579.27	579.27	579.27	579.27	579.26
17. 4500	579.26	579.26	579.26	579.25	579.25
17. 7000	579.25	579.25	579.24	579.24	579.24
17. 9500	579.24	579.23	579.23	579.23	579.23

S/N:

PondPack Ver:

Compute Time:

Date:

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Type . . . Time-Elev

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Name . . . BASIN4 OUT Tag: 100

Event: 100 yr

File . . . \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

asbuilt basin 1 2 and 4.txt

4. PPW

Storm... TypeII 24hr Tag: 100

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
18. 2000	579. 22	579. 22	579. 22	579. 22	579. 21
18. 4500	579. 21	579. 21	579. 20	579. 20	579. 20
18. 7000	579. 20	579. 20	579. 19	579. 19	579. 19
18. 9500	579. 19	579. 18	579. 18	579. 18	579. 18
19. 2000	579. 18	579. 17	579. 17	579. 17	579. 17
19. 4500	579. 17	579. 16	579. 16	579. 16	579. 16
19. 7000	579. 15	579. 15	579. 15	579. 15	579. 15
19. 9500	579. 14	579. 14	579. 14	579. 14	579. 14
20. 2000	579. 13	579. 13	579. 13	579. 13	579. 13
20. 4500	579. 13	579. 13	579. 13	579. 13	579. 12
20. 7000	579. 12	579. 12	579. 12	579. 12	579. 12
20. 9500	579. 12	579. 12	579. 12	579. 12	579. 12
21. 2000	579. 12	579. 12	579. 12	579. 12	579. 12
21. 4500	579. 12	579. 12	579. 12	579. 12	579. 12
21. 7000	579. 12	579. 12	579. 12	579. 11	579. 11
21. 9500	579. 11	579. 11	579. 11	579. 11	579. 11
22. 2000	579. 11	579. 11	579. 11	579. 11	579. 11
22. 4500	579. 11	579. 11	579. 11	579. 11	579. 11
22. 7000	579. 11	579. 11	579. 11	579. 11	579. 11
22. 9500	579. 11	579. 11	579. 10	579. 10	579. 10
23. 2000	579. 10	579. 10	579. 10	579. 10	579. 10
23. 4500	579. 10	579. 10	579. 10	579. 10	579. 10
23. 7000	579. 10	579. 10	579. 10	579. 10	579. 10
23. 9500	579. 10	579. 10	579. 09	579. 09	579. 07
24. 2000	579. 04	579. 01	578. 92	578. 82	578. 72
24. 4500	578. 68	578. 66	578. 64	578. 63	578. 62
24. 7000	578. 61	578. 61	578. 61	578. 60	578. 60
24. 9500	578. 60	578. 58	578. 55	578. 54	578. 52

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-Elev

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Name... BASIN5 OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
9. 4000	548. 70	548. 70	548. 70	548. 70	548. 70
9. 6500	548. 70	548. 71	548. 71	548. 71	548. 72
9. 9000	548. 72	548. 73	548. 74	548. 74	548. 75
10. 1500	548. 76	548. 77	548. 79	548. 80	548. 81
10. 4000	548. 83	548. 85	548. 86	548. 88	548. 90
10. 6500	548. 92	548. 95	548. 97	548. 99	549. 02
10. 9000	549. 04	549. 07	549. 10	549. 13	549. 16
11. 1500	549. 20	549. 23	549. 27	549. 31	549. 35
11. 4000	549. 40	549. 45	549. 50	549. 56	549. 63
11. 6500	549. 73	549. 86	550. 07	550. 38	550. 83
11. 9000	551. 45	552. 25	553. 17	554. 13	555. 04
12. 1500	555. 80	556. 39	556. 83	557. 14	557. 36

asbuilt basin 1 2 and 4.txt

12. 4000	557. 51	557. 63	557. 71	557. 77	557. 80
12. 6500	557. 82	557. 82	557. 81	557. 79	557. 78
12. 9000	557. 76	557. 73	557. 71	557. 68	557. 64
13. 1500	557. 61	557. 57	557. 53	557. 49	557. 45
13. 4000	557. 41	557. 36	557. 31	557. 27	557. 22
13. 6500	557. 16	557. 11	557. 06	557. 00	556. 95
13. 9000	556. 89	556. 83	556. 77	556. 71	556. 65
14. 1500	556. 59	556. 52	556. 46	556. 39	556. 33
14. 4000	556. 26	556. 19	556. 13	556. 06	555. 99
14. 6500	555. 92	555. 85	555. 78	555. 71	555. 64
14. 9000	555. 57	555. 50	555. 43	555. 36	555. 28
15. 1500	555. 21	555. 14	555. 06	554. 99	554. 91
15. 4000	554. 84	554. 76	554. 69	554. 61	554. 53
15. 6500	554. 46	554. 38	554. 30	554. 22	554. 14
15. 9000	554. 06	553. 98	553. 90	553. 82	553. 74
16. 1500	553. 65	553. 57	553. 49	553. 41	553. 32
16. 4000	553. 24	553. 16	553. 07	552. 99	552. 91
16. 6500	552. 82	552. 74	552. 66	552. 58	552. 50
16. 9000	552. 41	552. 33	552. 25	552. 17	552. 09
17. 1500	552. 01	551. 93	551. 85	551. 77	551. 69
17. 4000	551. 62	551. 54	551. 46	551. 39	551. 32
17. 6500	551. 24	551. 17	551. 10	551. 03	550. 96
17. 9000	550. 89	550. 82	550. 76	550. 69	550. 63
18. 1500	550. 57	550. 51	550. 45	550. 40	550. 34
18. 4000	550. 29	550. 24	550. 19	550. 14	550. 09
18. 6500	550. 05	550. 00	549. 96	549. 93	549. 89
18. 9000	549. 86	549. 83	549. 80	549. 78	549. 76
19. 1500	549. 74	549. 72	549. 70	549. 68	549. 67
19. 4000	549. 66	549. 64	549. 63	549. 62	549. 61
19. 6500	549. 60	549. 59	549. 58	549. 57	549. 57
19. 9000	549. 56	549. 55	549. 54	549. 54	549. 53

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-El ev

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Name. . . . BASIN5 OUT Tag: 15

Event: 15 yr

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 15

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
20. 1500	549. 53	549. 52	549. 51	549. 51	549. 50
20. 4000	549. 50	549. 49	549. 49	549. 49	549. 48
20. 6500	549. 48	549. 48	549. 47	549. 47	549. 47
20. 9000	549. 47	549. 47	549. 46	549. 46	549. 46
21. 1500	549. 46	549. 46	549. 45	549. 45	549. 45
21. 4000	549. 45	549. 45	549. 45	549. 45	549. 45
21. 6500	549. 44	549. 44	549. 44	549. 44	549. 44
21. 9000	549. 44	549. 44	549. 44	549. 44	549. 44
22. 1500	549. 43	549. 43	549. 43	549. 43	549. 43
22. 4000	549. 43	549. 43	549. 43	549. 43	549. 43
22. 6500	549. 42	549. 42	549. 42	549. 42	549. 42
22. 9000	549. 42	549. 42	549. 42	549. 42	549. 42
23. 1500	549. 42	549. 41	549. 41	549. 41	549. 41
23. 4000	549. 41	549. 41	549. 41	549. 41	549. 41
23. 6500	549. 41	549. 41	549. 41	549. 40	549. 40
23. 9000	549. 40	549. 40	549. 40	549. 40	549. 40
24. 1500	549. 39	549. 37	549. 35	549. 32	549. 30

asbuilt basin 1 2 and 4.txt

24. 4000	549.27	549.24	549.21	549.18	549.15
24. 6500	549.13	549.11	549.08	549.06	549.05
24. 9000	549.03	549.01	549.00	548.98	548.97
25. 1500	548.96	548.95	548.93	548.92	548.92
25. 4000	548.91	548.90	548.89	548.88	548.88
25. 6500	548.87	548.86	548.86	548.85	548.84
25. 9000	548.84	548.83	548.83	548.83	548.82
26. 1500	548.82	548.81	548.81	548.81	548.80
26. 4000	548.80	548.80	548.79	548.79	548.79
26. 6500	548.79	548.78	548.78	548.78	548.78
26. 9000	548.77	548.77	548.77	548.77	548.77
27. 1500	548.76	548.76	548.76	548.76	548.76
27. 4000	548.75	548.75	548.75	548.75	548.75
27. 6500	548.75	548.75	548.74	548.74	548.74
27. 9000	548.74	548.74	548.74	548.74	548.74
28. 1500	548.73	548.73	548.73	548.73	548.73
28. 4000	548.73	548.73	548.73	548.73	548.73
28. 6500	548.73	548.72	548.72	548.72	548.72
28. 9000	548.72	548.72	548.72	548.72	548.72
29. 1500	548.72	548.72	548.72	548.72	548.72
29. 4000	548.72	548.72	548.72	548.71	548.71
29. 6500	548.71	548.71	548.71	548.71	548.71
29. 9000	548.71	548.71	548.71	548.71	548.71
30. 1500	548.71	548.71	548.71	548.71	548.71
30. 4000	548.71	548.71	548.71	548.71	548.71
30. 6500	548.71	548.71	548.71	548.71	548.71
30. 9000	548.71	548.71	548.71	548.71	548.71

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-Elev

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Name... BASIN5 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
8. 9500	548.70	548.70	548.70	548.70	548.70
9. 2000	548.70	548.71	548.71	548.71	548.72
9. 4500	548.72	548.73	548.74	548.74	548.75
9. 7000	548.76	548.77	548.78	548.79	548.81
9. 9500	548.82	548.83	548.85	548.86	548.88
10. 2000	548.90	548.91	548.93	548.95	548.97
10. 4500	548.99	549.01	549.04	549.06	549.08
10. 7000	549.11	549.14	549.16	549.19	549.22
10. 9500	549.25	549.29	549.32	549.35	549.39
11. 2000	549.43	549.47	549.52	549.56	549.62
11. 4500	549.67	549.73	549.79	549.87	549.98
11. 7000	550.14	550.39	550.76	551.28	551.98
11. 9500	552.86	553.87	554.91	555.87	556.69
12. 2000	557.33	557.79	558.08	558.20	558.23
12. 4500	558.22	558.18	558.13	558.09	558.04
12. 7000	558.00	557.96	557.93	557.89	557.86
12. 9500	557.83	557.81	557.78	557.76	557.73
13. 2000	557.71	557.68	557.65	557.61	557.58
13. 4500	557.54	557.50	557.46	557.42	557.37
13. 7000	557.33	557.28	557.24	557.19	557.14
13. 9500	557.09	557.03	556.98	556.92	556.87

asbuilt basin 1 2 and 4.txt

14. 2000	556.81	556.75	556.69	556.63	556.57
14. 4500	556.51	556.45	556.39	556.33	556.27
14. 7000	556.20	556.14	556.07	556.01	555.95
14. 9500	555.88	555.81	555.75	555.68	555.61
15. 2000	555.55	555.48	555.41	555.34	555.27
15. 4500	555.20	555.13	555.06	554.99	554.92
15. 7000	554.84	554.77	554.70	554.62	554.55
15. 9500	554.47	554.40	554.32	554.24	554.17
16. 2000	554.09	554.01	553.93	553.85	553.78
16. 4500	553.70	553.62	553.54	553.46	553.38
16. 7000	553.30	553.22	553.14	553.07	552.99
16. 9500	552.91	552.83	552.75	552.67	552.60
17. 2000	552.52	552.44	552.36	552.29	552.21
17. 4500	552.13	552.06	551.98	551.91	551.83
17. 7000	551.76	551.68	551.61	551.54	551.47
17. 9500	551.40	551.33	551.26	551.19	551.12
18. 2000	551.06	550.99	550.93	550.86	550.80
18. 4500	550.74	550.68	550.62	550.56	550.51
18. 7000	550.45	550.40	550.35	550.30	550.25
18. 9500	550.21	550.16	550.12	550.07	550.03
19. 2000	550.00	549.96	549.92	549.89	549.86
19. 4500	549.84	549.81	549.79	549.77	549.75

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-Elev

Page 12.40

Name. . . . BASIN5 OUT Tag: 25

Event: 25 yr

File. . . . \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . TypeII 24hr Tag: 25

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
19. 7000	549.73	549.72	549.70	549.69	549.67
19. 9500	549.66	549.65	549.64	549.63	549.62
20. 2000	549.61	549.60	549.60	549.59	549.58
20. 4500	549.58	549.57	549.56	549.56	549.56
20. 7000	549.55	549.55	549.54	549.54	549.54
20. 9500	549.54	549.53	549.53	549.53	549.53
21. 2000	549.52	549.52	549.52	549.52	549.52
21. 4500	549.52	549.51	549.51	549.51	549.51
21. 7000	549.51	549.51	549.51	549.51	549.50
21. 9500	549.50	549.50	549.50	549.50	549.50
22. 2000	549.50	549.50	549.50	549.49	549.49
22. 4500	549.49	549.49	549.49	549.49	549.49
22. 7000	549.49	549.49	549.49	549.48	549.48
22. 9500	549.48	549.48	549.48	549.48	549.48
23. 2000	549.48	549.48	549.47	549.47	549.47
23. 4500	549.47	549.47	549.47	549.47	549.47
23. 7000	549.47	549.47	549.46	549.46	549.46
23. 9500	549.46	549.46	549.46	549.45	549.45
24. 2000	549.43	549.41	549.38	549.34	549.31
24. 4500	549.28	549.25	549.22	549.19	549.16
24. 7000	549.13	549.11	549.09	549.07	549.05
24. 9500	549.03	549.02	549.00	548.99	548.97
25. 2000	548.96	548.95	548.94	548.93	548.92
25. 4500	548.91	548.90	548.89	548.88	548.88
25. 7000	548.87	548.86	548.86	548.85	548.85
25. 9500	548.84	548.84	548.83	548.83	548.82

asbuilt basin 1 2 and 4.txt

26. 2000	548. 82	548. 81	548. 81	548. 81	548. 80
26. 4500	548. 80	548. 80	548. 79	548. 79	548. 79
26. 7000	548. 79	548. 78	548. 78	548. 78	548. 78
26. 9500	548. 77	548. 77	548. 77	548. 77	548. 77
27. 2000	548. 76	548. 76	548. 76	548. 76	548. 76
27. 4500	548. 75	548. 75	548. 75	548. 75	548. 75
27. 7000	548. 75	548. 75	548. 74	548. 74	548. 74
27. 9500	548. 74	548. 74	548. 74	548. 74	548. 74
28. 2000	548. 73	548. 73	548. 73	548. 73	548. 73
28. 4500	548. 73	548. 73	548. 73	548. 73	548. 73
28. 7000	548. 73	548. 73	548. 72	548. 72	548. 72
28. 9500	548. 72	548. 72	548. 72	548. 72	548. 72
29. 2000	548. 72	548. 72	548. 72	548. 72	548. 72
29. 4500	548. 72	548. 72	548. 72	548. 72	548. 71
29. 7000	548. 71	548. 71	548. 71	548. 71	548. 71
29. 9500	548. 71	548. 71	548. 71	548. 71	548. 71
30. 2000	548. 71	548. 71	548. 71	548. 71	548. 71
30. 4500	548. 71	548. 71	548. 71	548. 71	548. 71

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-El ev

Page 12. 41

Name... BASIN5 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
30. 7000	548. 71	548. 71	548. 71	548. 71	548. 71
30. 9500	548. 71	548. 71	548. 71		

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Time-El ev

Page 12. 42

Name... BASIN5 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
7. 9500	548. 70	548. 70	548. 70	548. 70	548. 70
8. 2000	548. 70	548. 71	548. 71	548. 71	548. 72
8. 4500	548. 72	548. 73	548. 73	548. 74	548. 75
8. 7000	548. 76	548. 77	548. 78	548. 79	548. 80
8. 9500	548. 82	548. 83	548. 84	548. 86	548. 87
9. 2000	548. 89	548. 91	548. 92	548. 94	548. 96
9. 4500	548. 98	548. 99	549. 01	549. 03	549. 04
9. 7000	549. 06	549. 08	549. 09	549. 11	549. 13
9. 9500	549. 15	549. 17	549. 19	549. 21	549. 23
10. 2000	549. 25	549. 27	549. 29	549. 32	549. 34
10. 4500	549. 37	549. 39	549. 42	549. 45	549. 48
10. 7000	549. 51	549. 54	549. 57	549. 61	549. 65
10. 9500	549. 68	549. 72	549. 76	549. 81	549. 85

asbuilt basin 1 2 and 4.txt

11. 2000	549.90	549.95	550.01	550.07	550.15
11. 4500	550.23	550.32	550.42	550.54	550.71
11. 7000	550.96	551.31	551.81	552.48	553.35
11. 9500	554.40	555.59	556.78	557.87	558.61
12. 2000	558.92	558.95	558.86	558.73	558.61
12. 4500	558.50	558.40	558.32	558.25	558.19
12. 7000	558.13	558.08	558.04	558.01	557.97
12. 9500	557.95	557.92	557.90	557.88	557.86
13. 2000	557.84	557.82	557.81	557.79	557.77
13. 4500	557.76	557.74	557.72	557.70	557.67
13. 7000	557.65	557.62	557.59	557.56	557.52
13. 9500	557.49	557.45	557.42	557.38	557.34
14. 2000	557.30	557.25	557.21	557.17	557.12
14. 4500	557.08	557.03	556.98	556.94	556.89
14. 7000	556.84	556.79	556.74	556.69	556.64
14. 9500	556.59	556.54	556.49	556.43	556.38
15. 2000	556.33	556.27	556.22	556.16	556.11
15. 4500	556.05	555.99	555.94	555.88	555.82
15. 7000	555.76	555.70	555.64	555.58	555.52
15. 9500	555.45	555.39	555.33	555.26	555.20
16. 2000	555.13	555.07	555.00	554.93	554.87
16. 4500	554.80	554.73	554.66	554.60	554.53
16. 7000	554.46	554.39	554.32	554.25	554.19
16. 9500	554.12	554.05	553.98	553.91	553.84
17. 2000	553.77	553.70	553.63	553.56	553.49
17. 4500	553.42	553.36	553.29	553.22	553.15
17. 7000	553.08	553.01	552.94	552.87	552.80
17. 9500	552.73	552.66	552.59	552.52	552.46
18. 2000	552.39	552.32	552.25	552.18	552.12
18. 4500	552.05	551.98	551.92	551.85	551.79

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PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-Elev

Page 12.43

Name. . . . BASIN5 OUT Tag: 100

Event: 100 yr

File. . . . \\2serverpr\ PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 100

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
18. 7000	551.72	551.66	551.59	551.53	551.47
18. 9500	551.40	551.34	551.28	551.22	551.16
19. 2000	551.10	551.04	550.98	550.93	550.87
19. 4500	550.82	550.76	550.71	550.66	550.61
19. 7000	550.56	550.51	550.46	550.41	550.37
19. 9500	550.32	550.28	550.24	550.20	550.16
20. 2000	550.12	550.08	550.05	550.01	549.98
20. 4500	549.95	549.92	549.90	549.87	549.85
20. 7000	549.83	549.82	549.80	549.79	549.78
20. 9500	549.77	549.75	549.75	549.74	549.73
21. 2000	549.72	549.72	549.71	549.71	549.70
21. 4500	549.70	549.69	549.69	549.69	549.68
21. 7000	549.68	549.68	549.67	549.67	549.67
21. 9500	549.67	549.66	549.66	549.66	549.66
22. 2000	549.66	549.65	549.65	549.65	549.65
22. 4500	549.65	549.65	549.65	549.64	549.64
22. 7000	549.64	549.64	549.64	549.64	549.64
22. 9500	549.63	549.63	549.63	549.63	549.63



asbuilt basin 1 2 and 4.txt

23. 2000	549.63	549.63	549.63	549.62	549.62
23. 4500	549.62	549.62	549.62	549.62	549.62
23. 7000	549.62	549.61	549.61	549.61	549.61
23. 9500	549.61	549.61	549.61	549.60	549.59
24. 2000	549.57	549.54	549.50	549.46	549.42
24. 4500	549.38	549.34	549.30	549.27	549.23
24. 7000	549.20	549.17	549.15	549.12	549.10
24. 9500	549.08	549.06	549.04	549.02	549.01
25. 2000	548.99	548.98	548.97	548.95	548.94
25. 4500	548.93	548.92	548.91	548.90	548.90
25. 7000	548.89	548.88	548.87	548.87	548.86
25. 9500	548.85	548.85	548.84	548.84	548.83
26. 2000	548.83	548.82	548.82	548.82	548.81
26. 4500	548.81	548.81	548.80	548.80	548.80
26. 7000	548.79	548.79	548.79	548.79	548.78
26. 9500	548.78	548.78	548.78	548.77	548.77
27. 2000	548.77	548.77	548.76	548.76	548.76
27. 4500	548.76	548.76	548.76	548.75	548.75
27. 7000	548.75	548.75	548.75	548.75	548.75
27. 9500	548.74	548.74	548.74	548.74	548.74
28. 2000	548.74	548.74	548.74	548.73	548.73
28. 4500	548.73	548.73	548.73	548.73	548.73
28. 7000	548.73	548.73	548.73	548.73	548.72
28. 9500	548.72	548.72	548.72	548.72	548.72
29. 2000	548.72	548.72	548.72	548.72	548.72
29. 4500	548.72	548.72	548.72	548.72	548.72

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-El ev

Page 12.44

Name... BASIN5

OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
29. 7000	548.72	548.71	548.71	548.71	548.71
29. 9500	548.71	548.71	548.71	548.71	548.71
30. 2000	548.71	548.71	548.71	548.71	548.71
30. 4500	548.71	548.71	548.71	548.71	548.71
30. 7000	548.71	548.71	548.71	548.71	548.71
30. 9500	548.71	548.71	548.71	548.71	548.71

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-El ev

Page 12.45

Name... POND1

OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
3. 6500	599.48	599.48	599.48	599.48	599.48

asbuilt basin 1 2 and 4.txt

3. 9000	599.48	599.48	599.48	599.48	599.48
4. 1500	599.48	599.48	599.48	599.48	599.48
4. 4000	599.48	599.48	599.48	599.48	599.48
4. 6500	599.49	599.49	599.49	599.49	599.49
4. 9000	599.49	599.49	599.49	599.49	599.49
5. 1500	599.49	599.50	599.50	599.50	599.50
5. 4000	599.50	599.50	599.50	599.51	599.51
5. 6500	599.51	599.51	599.51	599.52	599.52
5. 9000	599.52	599.52	599.52	599.53	599.53
6. 1500	599.53	599.53	599.54	599.54	599.54
6. 4000	599.54	599.55	599.55	599.55	599.55
6. 6500	599.56	599.56	599.56	599.57	599.57
6. 9000	599.57	599.57	599.58	599.58	599.58
7. 1500	599.59	599.59	599.59	599.60	599.60
7. 4000	599.60	599.61	599.61	599.61	599.62
7. 6500	599.62	599.62	599.63	599.63	599.63
7. 9000	599.64	599.64	599.64	599.65	599.65
8. 1500	599.65	599.66	599.66	599.66	599.67
8. 4000	599.67	599.67	599.68	599.68	599.68
8. 6500	599.69	599.69	599.70	599.70	599.71
8. 9000	599.71	599.72	599.72	599.72	599.73
9. 1500	599.73	599.74	599.74	599.75	599.76
9. 4000	599.76	599.77	599.77	599.78	599.78
9. 6500	599.79	599.79	599.80	599.80	599.81
9. 9000	599.81	599.82	599.82	599.83	599.83
10. 1500	599.84	599.84	599.85	599.86	599.86
10. 4000	599.87	599.88	599.89	599.89	599.90
10. 6500	599.91	599.92	599.93	599.94	599.95
10. 9000	599.96	599.97	599.98	599.99	600.01
11. 1500	600.02	600.03	600.05	600.06	600.08
11. 4000	600.10	600.12	600.14	600.16	600.19
11. 6500	600.22	600.26	600.32	600.40	600.51
11. 9000	600.66	600.86	601.11	601.40	601.73
12. 1500	602.07	602.38	602.66	602.90	603.08
12. 4000	603.22	603.32	603.39	603.43	603.45
12. 6500	603.45	603.43	603.40	603.37	603.32
12. 9000	603.27	603.21	603.15	603.09	603.02
13. 1500	602.95	602.88	602.81	602.73	602.66
13. 4000	602.58	602.51	602.43	602.35	602.28
13. 6500	602.20	602.13	602.05	601.98	601.90
13. 9000	601.83	601.75	601.68	601.61	601.54
14. 1500	601.46	601.39	601.32	601.26	601.19

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-Elev

Page 12.46

Name... POND1 OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
14. 4000	601.12	601.05	600.99	600.93	600.87
14. 6500	600.82	600.77	600.72	600.68	600.64
14. 9000	600.60	600.57	600.54	600.51	600.48
15. 1500	600.45	600.43	600.40	600.38	600.36
15. 4000	600.34	600.32	600.31	600.29	600.27
15. 6500	600.26	600.24	600.23	600.22	600.21

asbuilt basin 1 2 and 4.txt

15. 9000	600. 19	600. 18	600. 17	600. 16	600. 15
16. 1500	600. 14	600. 13	600. 12	600. 11	600. 11
16. 4000	600. 10	600. 09	600. 08	600. 08	600. 07
16. 6500	600. 06	600. 06	600. 05	600. 04	600. 04
16. 9000	600. 03	600. 03	600. 02	600. 02	600. 01
17. 1500	600. 01	600. 01	600. 00	600. 00	599. 99
17. 4000	599. 99	599. 99	599. 98	599. 98	599. 98
17. 6500	599. 97	599. 97	599. 97	599. 96	599. 96
17. 9000	599. 96	599. 95	599. 95	599. 95	599. 95
18. 1500	599. 94	599. 94	599. 94	599. 94	599. 93
18. 4000	599. 93	599. 93	599. 93	599. 92	599. 92
18. 6500	599. 92	599. 92	599. 92	599. 91	599. 91
18. 9000	599. 91	599. 91	599. 90	599. 90	599. 90
19. 1500	599. 90	599. 90	599. 89	599. 89	599. 89
19. 4000	599. 89	599. 89	599. 88	599. 88	599. 88
19. 6500	599. 88	599. 88	599. 87	599. 87	599. 87
19. 9000	599. 87	599. 87	599. 86	599. 86	599. 86
20. 1500	599. 86	599. 86	599. 85	599. 85	599. 85
20. 4000	599. 85	599. 85	599. 85	599. 84	599. 84
20. 6500	599. 84	599. 84	599. 84	599. 84	599. 83
20. 9000	599. 83	599. 83	599. 83	599. 83	599. 83
21. 1500	599. 83	599. 82	599. 82	599. 82	599. 82
21. 4000	599. 82	599. 82	599. 82	599. 82	599. 82
21. 6500	599. 82	599. 81	599. 81	599. 81	599. 81
21. 9000	599. 81	599. 81	599. 81	599. 81	599. 81
22. 1500	599. 81	599. 81	599. 81	599. 81	599. 81
22. 4000	599. 80	599. 80	599. 80	599. 80	599. 80
22. 6500	599. 80	599. 80	599. 80	599. 80	599. 80
22. 9000	599. 80	599. 80	599. 80	599. 80	599. 80
23. 1500	599. 80	599. 80	599. 79	599. 79	599. 79
23. 4000	599. 79	599. 79	599. 79	599. 79	599. 79
23. 6500	599. 79	599. 79	599. 79	599. 79	599. 79
23. 9000	599. 79	599. 79	599. 79	599. 79	599. 79
24. 1500	599. 79	599. 78	599. 78	599. 78	599. 77
24. 4000	599. 77	599. 76	599. 76	599. 75	599. 74
24. 6500	599. 74	599. 73	599. 73	599. 72	599. 71
24. 9000	599. 71	599. 70	599. 70	599. 69	599. 69
25. 1500	599. 68	599. 68	599. 67	599. 67	599. 66

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time-EI ev

Page 12.47

Name... POND1 OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
25. 4000	599. 66	599. 66	599. 65	599. 65	599. 64
25. 6500	599. 64	599. 64	599. 63	599. 63	599. 63
25. 9000	599. 62	599. 62	599. 62	599. 61	599. 61
26. 1500	599. 61	599. 61	599. 60	599. 60	599. 60
26. 4000	599. 60	599. 60	599. 59	599. 59	599. 59
26. 6500	599. 59	599. 59	599. 58	599. 58	599. 58
26. 9000	599. 58	599. 58	599. 57	599. 57	599. 57
27. 1500	599. 57	599. 57	599. 57	599. 57	599. 56
27. 4000	599. 56	599. 56	599. 56	599. 56	599. 56
27. 6500	599. 56	599. 55	599. 55	599. 55	599. 55

asbuilt basin 1 2 and 4.txt

27. 9000	599.55	599.55	599.55	599.55	599.54
28. 1500	599.54	599.54	599.54	599.54	599.54
28. 4000	599.54	599.54	599.54	599.54	599.53
28. 6500	599.53	599.53	599.53	599.53	599.53
28. 9000	599.53	599.53	599.53	599.53	599.53
29. 1500	599.53	599.52	599.52	599.52	599.52
29. 4000	599.52	599.52	599.52	599.52	599.52
29. 6500	599.52	599.52	599.52	599.52	599.52
29. 9000	599.51	599.51	599.51	599.51	599.51
30. 1500	599.51	599.51	599.51	599.51	599.51
30. 4000	599.51	599.51	599.51	599.51	599.51
30. 6500	599.51	599.51	599.51	599.51	599.51
30. 9000	599.50	599.50	599.50	599.50	599.50
31. 1500	599.50	599.50	599.50	599.50	599.50
31. 4000	599.50	599.50	599.50	599.50	599.50
31. 6500	599.50	599.50	599.50	599.50	599.50
31. 9000	599.50	599.50	599.50	599.50	599.50
32. 1500	599.50	599.50	599.50	599.50	599.50
32. 4000	599.49	599.49	599.49	599.49	599.49
32. 6500	599.49	599.49	599.49	599.49	599.49
32. 9000	599.49	599.49	599.49	599.49	599.49
33. 1500	599.49	599.49	599.49	599.49	599.49
33. 4000	599.49	599.49	599.49	599.49	599.49
33. 6500	599.49	599.49	599.49	599.49	599.49
33. 9000	599.49	599.49	599.49	599.49	599.49
34. 1500	599.49	599.49	599.49	599.49	599.49
34. 4000	599.49	599.49	599.49	599.49	599.49
34. 6500	599.49	599.49	599.49	599.49	599.49
34. 9000	599.49	599.49	599.49	599.49	599.49
35. 1500	599.49	599.49	599.49	599.49	599.49
35. 4000	599.49	599.49	599.49	599.49	599.48
35. 6500	599.48	599.48	599.48	599.48	599.48
35. 9000	599.48	599.48	599.48	599.48	599.48
36. 1500	599.48	599.48	599.48	599.48	599.48

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-El ev

Page 12.48

Name. . . . POND1 OUT Tag: 15

Event: 15 yr

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 15

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
36. 4000	599.48	599.48	599.48	599.48	599.48
36. 6500	599.48	599.48	599.48	599.48	599.48
36. 9000	599.48	599.48	599.48	599.48	599.48
37. 1500	599.48	599.48	599.48	599.48	599.48
37. 4000	599.48	599.48	599.48	599.48	599.48
37. 6500	599.48	599.48	599.48	599.48	599.48
37. 9000	599.48	599.48	599.48	599.48	599.48
38. 1500	599.48	599.48	599.48	599.48	599.48
38. 4000	599.48	599.48	599.48	599.48	599.48
38. 6500	599.48	599.48	599.48	599.48	599.48
38. 9000	599.48	599.48	599.48	599.48	599.48
39. 1500	599.48	599.48	599.48	599.48	599.48
39. 4000	599.48	599.48	599.48	599.48	599.48
39. 6500	599.48	599.48	599.48	599.48	599.48

asbuilt basin 1 2 and 4.txt

39. 9000	599.48	599.48	599.48	599.48	599.48
40. 1500	599.48	599.48	599.48	599.48	599.48
40. 4000	599.48	599.48	599.48	599.48	599.48
40. 6500	599.48	599.48	599.48	599.48	599.48
40. 9000	599.48	599.48	599.48	599.48	599.48
41. 1500	599.48	599.48	599.48	599.48	599.48
41. 4000	599.48	599.48	599.48	599.48	599.48
41. 6500	599.48	599.48	599.48	599.48	599.48
41. 9000	599.48	599.48	599.48	599.48	599.48
42. 1500	599.48	599.48	599.48	599.48	599.48
42. 4000	599.48	599.48	599.48	599.48	599.48
42. 6500	599.48	599.48	599.48	599.48	599.48
42. 9000	599.48	599.48	599.48	599.48	599.48
43. 1500	599.48	599.48	599.48	599.48	599.48
43. 4000	599.48	599.48	599.48	599.48	599.48
43. 6500	599.48	599.48	599.48	599.48	599.48
43. 9000	599.48	599.48	599.48	599.48	599.48
44. 1500	599.48	599.48	599.48	599.48	599.48
44. 4000	599.48	599.48	599.48	599.48	599.48
44. 6500	599.48	599.48	599.48	599.48	599.48

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-El ev

Page 12.49

Name. . . . POND1

OUT Tag: 25

Event: 25 yr

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 25

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
3. 4000	599.48	599.48	599.48	599.48	599.48
3. 6500	599.48	599.48	599.48	599.48	599.48
3. 9000	599.48	599.48	599.48	599.48	599.48
4. 1500	599.48	599.48	599.48	599.48	599.49
4. 4000	599.49	599.49	599.49	599.49	599.49
4. 6500	599.49	599.49	599.49	599.49	599.50
4. 9000	599.50	599.50	599.50	599.50	599.50
5. 1500	599.51	599.51	599.51	599.51	599.51
5. 4000	599.51	599.52	599.52	599.52	599.52
5. 6500	599.53	599.53	599.53	599.53	599.54
5. 9000	599.54	599.54	599.54	599.55	599.55
6. 1500	599.55	599.56	599.56	599.56	599.56
6. 4000	599.57	599.57	599.57	599.58	599.58
6. 6500	599.58	599.59	599.59	599.59	599.60
6. 9000	599.60	599.60	599.61	599.61	599.62
7. 1500	599.62	599.62	599.63	599.63	599.63
7. 4000	599.64	599.64	599.64	599.65	599.65
7. 6500	599.65	599.66	599.66	599.66	599.67
7. 9000	599.67	599.68	599.68	599.68	599.69
8. 1500	599.69	599.69	599.70	599.70	599.70
8. 4000	599.71	599.71	599.72	599.72	599.72
8. 6500	599.73	599.73	599.74	599.74	599.75
8. 9000	599.75	599.76	599.76	599.77	599.77
9. 1500	599.78	599.78	599.79	599.79	599.80
9. 4000	599.80	599.81	599.82	599.82	599.83
9. 6500	599.83	599.84	599.84	599.85	599.85
9. 9000	599.86	599.86	599.87	599.87	599.88
10. 1500	599.89	599.89	599.90	599.91	599.91

asbuilt basin 1 2 and 4.txt

10. 4000	599.92	599.93	599.94	599.95	599.96
10. 6500	599.97	599.97	599.98	600.00	600.01
10. 9000	600.02	600.03	600.04	600.06	600.07
11. 1500	600.08	600.10	600.12	600.13	600.15
11. 4000	600.17	600.19	600.21	600.24	600.27
11. 6500	600.30	600.35	600.41	600.50	600.62
11. 9000	600.78	601.00	601.28	601.62	601.98
12. 1500	602.36	602.71	603.02	603.28	603.49
12. 4000	603.65	603.77	603.85	603.90	603.92
12. 6500	603.93	603.92	603.90	603.86	603.82
12. 9000	603.77	603.71	603.65	603.59	603.52
13. 1500	603.45	603.37	603.30	603.22	603.15
13. 4000	603.07	602.99	602.91	602.83	602.75
13. 6500	602.67	602.59	602.51	602.43	602.36
13. 9000	602.28	602.20	602.12	602.04	601.97

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-Elev

Page 12.50

Name. . . . POND1

OUT

Tag:

25

Event: 25 yr

File. . . . \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . Type I

24hr

Tag:

25

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

14. 1500	601.89	601.82	601.74	601.67	601.59
14. 4000	601.52	601.45	601.38	601.31	601.24
14. 6500	601.17	601.11	601.04	600.98	600.92
14. 9000	600.86	600.81	600.76	600.72	600.68
15. 1500	600.64	600.60	600.57	600.54	600.51
15. 4000	600.48	600.45	600.43	600.41	600.39
15. 6500	600.37	600.35	600.33	600.31	600.29
15. 9000	600.28	600.26	600.25	600.24	600.22
16. 1500	600.21	600.20	600.19	600.18	600.17
16. 4000	600.16	600.15	600.14	600.13	600.12
16. 6500	600.11	600.11	600.10	600.09	600.08
16. 9000	600.08	600.07	600.07	600.06	600.06
17. 1500	600.05	600.05	600.04	600.04	600.03
17. 4000	600.03	600.02	600.02	600.02	600.01
17. 6500	600.01	600.00	600.00	600.00	599.99
17. 9000	599.99	599.99	599.98	599.98	599.98
18. 1500	599.98	599.97	599.97	599.97	599.97
18. 4000	599.96	599.96	599.96	599.95	599.95
18. 6500	599.95	599.95	599.94	599.94	599.94
18. 9000	599.94	599.94	599.93	599.93	599.93
19. 1500	599.93	599.92	599.92	599.92	599.92
19. 4000	599.91	599.91	599.91	599.91	599.91
19. 6500	599.90	599.90	599.90	599.90	599.90
19. 9000	599.89	599.89	599.89	599.89	599.88
20. 1500	599.88	599.88	599.88	599.88	599.87
20. 4000	599.87	599.87	599.87	599.87	599.87
20. 6500	599.86	599.86	599.86	599.86	599.86
20. 9000	599.86	599.85	599.85	599.85	599.85
21. 1500	599.85	599.85	599.85	599.85	599.84
21. 4000	599.84	599.84	599.84	599.84	599.84
21. 6500	599.84	599.84	599.84	599.84	599.83
21. 9000	599.83	599.83	599.83	599.83	599.83
22. 1500	599.83	599.83	599.83	599.83	599.83

asbuilt basin 1 2 and 4.txt

22. 4000	599. 83	599. 83	599. 82	599. 82	599. 82
22. 6500	599. 82	599. 82	599. 82	599. 82	599. 82
22. 9000	599. 82	599. 82	599. 82	599. 82	599. 82
23. 1500	599. 82	599. 82	599. 82	599. 81	599. 81
23. 4000	599. 81	599. 81	599. 81	599. 81	599. 81
23. 6500	599. 81	599. 81	599. 81	599. 81	599. 81
23. 9000	599. 81	599. 81	599. 81	599. 81	599. 81
24. 1500	599. 80	599. 80	599. 80	599. 80	599. 79
24. 4000	599. 79	599. 78	599. 77	599. 77	599. 76
24. 6500	599. 75	599. 75	599. 74	599. 73	599. 73
24. 9000	599. 72	599. 72	599. 71	599. 70	599. 70

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Time-El ev

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Name. . . . POND1 OUT Tag: 25

Event: 25 yr

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . TypeII 24hr Tag: 25

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
25. 1500	599. 69	599. 69	599. 68	599. 68	599. 67
25. 4000	599. 67	599. 66	599. 66	599. 66	599. 65
25. 6500	599. 65	599. 64	599. 64	599. 64	599. 63
25. 9000	599. 63	599. 63	599. 62	599. 62	599. 62
26. 1500	599. 62	599. 61	599. 61	599. 61	599. 60
26. 4000	599. 60	599. 60	599. 60	599. 60	599. 59
26. 6500	599. 59	599. 59	599. 59	599. 59	599. 58
26. 9000	599. 58	599. 58	599. 58	599. 58	599. 57
27. 1500	599. 57	599. 57	599. 57	599. 57	599. 57
27. 4000	599. 57	599. 56	599. 56	599. 56	599. 56
27. 6500	599. 56	599. 56	599. 56	599. 55	599. 55
27. 9000	599. 55	599. 55	599. 55	599. 55	599. 55
28. 1500	599. 55	599. 54	599. 54	599. 54	599. 54
28. 4000	599. 54	599. 54	599. 54	599. 54	599. 54
28. 6500	599. 54	599. 53	599. 53	599. 53	599. 53
28. 9000	599. 53	599. 53	599. 53	599. 53	599. 53
29. 1500	599. 53	599. 53	599. 53	599. 52	599. 52
29. 4000	599. 52	599. 52	599. 52	599. 52	599. 52
29. 6500	599. 52	599. 52	599. 52	599. 52	599. 52
29. 9000	599. 52	599. 52	599. 51	599. 51	599. 51
30. 1500	599. 51	599. 51	599. 51	599. 51	599. 51
30. 4000	599. 51	599. 51	599. 51	599. 51	599. 51
30. 6500	599. 51	599. 51	599. 51	599. 51	599. 51
30. 9000	599. 51	599. 51	599. 50	599. 50	599. 50
31. 1500	599. 50	599. 50	599. 50	599. 50	599. 50
31. 4000	599. 50	599. 50	599. 50	599. 50	599. 50
31. 6500	599. 50	599. 50	599. 50	599. 50	599. 50
31. 9000	599. 50	599. 50	599. 50	599. 50	599. 50
32. 1500	599. 50	599. 50	599. 50	599. 50	599. 50
32. 4000	599. 50	599. 50	599. 49	599. 49	599. 49
32. 6500	599. 49	599. 49	599. 49	599. 49	599. 49
32. 9000	599. 49	599. 49	599. 49	599. 49	599. 49
33. 1500	599. 49	599. 49	599. 49	599. 49	599. 49
33. 4000	599. 49	599. 49	599. 49	599. 49	599. 49
33. 6500	599. 49	599. 49	599. 49	599. 49	599. 49
33. 9000	599. 49	599. 49	599. 49	599. 49	599. 49
34. 1500	599. 49	599. 49	599. 49	599. 49	599. 49

asbuilt basin 1 2 and 4.txt

34. 4000	599. 49	599. 49	599. 49	599. 49	599. 49
34. 6500	599. 49	599. 49	599. 49	599. 49	599. 49
34. 9000	599. 49	599. 49	599. 49	599. 49	599. 49
35. 1500	599. 49	599. 49	599. 49	599. 49	599. 49
35. 4000	599. 49	599. 49	599. 49	599. 49	599. 49
35. 6500	599. 49	599. 48	599. 48	599. 48	599. 48
35. 9000	599. 48	599. 48	599. 48	599. 48	599. 48

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Time-El ev

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Name. . . . POND1

OUT

Tag:

25

Event: 25 yr

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . Type I I

24hr

Tag:

25

TIME vs. ELEVATION (ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
36. 1500	599. 48	599. 48	599. 48	599. 48	599. 48
36. 4000	599. 48	599. 48	599. 48	599. 48	599. 48
36. 6500	599. 48	599. 48	599. 48	599. 48	599. 48
36. 9000	599. 48	599. 48	599. 48	599. 48	599. 48
37. 1500	599. 48	599. 48	599. 48	599. 48	599. 48
37. 4000	599. 48	599. 48	599. 48	599. 48	599. 48
37. 6500	599. 48	599. 48	599. 48	599. 48	599. 48
37. 9000	599. 48	599. 48	599. 48	599. 48	599. 48
38. 1500	599. 48	599. 48	599. 48	599. 48	599. 48
38. 4000	599. 48	599. 48	599. 48	599. 48	599. 48
38. 6500	599. 48	599. 48	599. 48	599. 48	599. 48
38. 9000	599. 48	599. 48	599. 48	599. 48	599. 48
39. 1500	599. 48	599. 48	599. 48	599. 48	599. 48
39. 4000	599. 48	599. 48	599. 48	599. 48	599. 48
39. 6500	599. 48	599. 48	599. 48	599. 48	599. 48
39. 9000	599. 48	599. 48	599. 48	599. 48	599. 48
40. 1500	599. 48	599. 48	599. 48	599. 48	599. 48
40. 4000	599. 48	599. 48	599. 48	599. 48	599. 48
40. 6500	599. 48	599. 48	599. 48	599. 48	599. 48
40. 9000	599. 48	599. 48	599. 48	599. 48	599. 48
41. 1500	599. 48	599. 48	599. 48	599. 48	599. 48
41. 4000	599. 48	599. 48	599. 48	599. 48	599. 48
41. 6500	599. 48	599. 48	599. 48	599. 48	599. 48
41. 9000	599. 48	599. 48	599. 48	599. 48	599. 48
42. 1500	599. 48	599. 48	599. 48	599. 48	599. 48
42. 4000	599. 48	599. 48	599. 48	599. 48	599. 48
42. 6500	599. 48	599. 48	599. 48	599. 48	599. 48
42. 9000	599. 48	599. 48	599. 48	599. 48	599. 48
43. 1500	599. 48	599. 48	599. 48	599. 48	599. 48
43. 4000	599. 48	599. 48	599. 48	599. 48	599. 48
43. 6500	599. 48	599. 48	599. 48	599. 48	599. 48
43. 9000	599. 48	599. 48	599. 48	599. 48	599. 48
44. 1500	599. 48	599. 48	599. 48	599. 48	599. 48
44. 4000	599. 48	599. 48	599. 48	599. 48	599. 48
44. 6500	599. 48	599. 48	599. 48	599. 48	599. 48

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-El ev

Page 12. 53

Name. . . . POND1

OUT

Tag:

100

Event: 100 yr



asbuilt basin 1 2 and 4.txt

File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW Storm... TypeI 24hr Tag: 100

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
2. 8000	599.48	599.48	599.48	599.48	599.48
3. 0500	599.48	599.48	599.48	599.48	599.48
3. 3000	599.48	599.48	599.48	599.48	599.48
3. 5500	599.48	599.48	599.49	599.49	599.49
3. 8000	599.49	599.49	599.49	599.49	599.49
4. 0500	599.49	599.50	599.50	599.50	599.50
4. 3000	599.50	599.50	599.51	599.51	599.51
4. 5500	599.51	599.51	599.52	599.52	599.52
4. 8000	599.52	599.53	599.53	599.53	599.54
5. 0500	599.54	599.54	599.54	599.55	599.55
5. 3000	599.55	599.56	599.56	599.56	599.57
5. 5500	599.57	599.58	599.58	599.58	599.59
5. 8000	599.59	599.59	599.60	599.60	599.61
6. 0500	599.61	599.61	599.62	599.62	599.63
6. 3000	599.63	599.63	599.64	599.64	599.65
6. 5500	599.65	599.66	599.66	599.66	599.67
6. 8000	599.67	599.68	599.68	599.68	599.69
7. 0500	599.69	599.70	599.70	599.71	599.71
7. 3000	599.71	599.72	599.72	599.73	599.73
7. 5500	599.73	599.74	599.74	599.75	599.75
7. 8000	599.75	599.76	599.76	599.77	599.77
8. 0500	599.77	599.78	599.78	599.78	599.79
8. 3000	599.79	599.80	599.80	599.81	599.81
8. 5500	599.81	599.82	599.82	599.83	599.83
8. 8000	599.84	599.84	599.85	599.86	599.86
9. 0500	599.87	599.87	599.88	599.89	599.89
9. 3000	599.90	599.91	599.91	599.92	599.93
9. 5500	599.93	599.94	599.94	599.95	599.96
9. 8000	599.96	599.97	599.97	599.98	599.99
10. 0500	599.99	600.00	600.01	600.01	600.02
10. 3000	600.03	600.04	600.05	600.06	600.07
10. 5500	600.08	600.09	600.10	600.11	600.12
10. 8000	600.13	600.15	600.16	600.18	600.19
11. 0500	600.21	600.22	600.24	600.26	600.28
11. 3000	600.30	600.32	600.34	600.37	600.40
11. 5500	600.43	600.46	600.50	600.56	600.63
11. 8000	600.74	600.89	601.10	601.38	601.74
12. 0500	602.16	602.63	603.10	603.55	603.95
12. 3000	604.28	604.55	604.75	604.91	605.02
12. 5500	605.10	605.14	605.16	605.17	605.16
12. 8000	605.13	605.09	605.05	604.99	604.94
13. 0500	604.87	604.80	604.73	604.66	604.58
13. 3000	604.50	604.42	604.34	604.26	604.17

S/N:

PondPack Ver:

Compute Time:

Date:

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Type.... Time-EI ev

Page 12.54

Name.... POND1 OUT Tag: 100

Event: 100 yr

File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 100

TIME vs. ELEVATION (ft)

asbuilt basin 1 2 and 4.txt

Time hrs	Output Time increment = .0500 hrs				
Time on left represents time for first value in each row.					
13. 5500	604. 09	604. 00	603. 92	603. 83	603. 75
13. 8000	603. 66	603. 57	603. 48	603. 40	603. 31
14. 0500	603. 22	603. 14	603. 05	602. 97	602. 88
14. 3000	602. 79	602. 71	602. 63	602. 54	602. 46
14. 5500	602. 38	602. 30	602. 22	602. 14	602. 06
14. 8000	601. 98	601. 91	601. 83	601. 76	601. 68
15. 0500	601. 61	601. 54	601. 47	601. 40	601. 33
15. 3000	601. 27	601. 20	601. 14	601. 07	601. 01
15. 5500	600. 95	600. 89	600. 84	600. 79	600. 74
15. 8000	600. 70	600. 66	600. 63	600. 59	600. 56
16. 0500	600. 53	600. 50	600. 48	600. 45	600. 43
16. 3000	600. 41	600. 38	600. 36	600. 35	600. 33
16. 5500	600. 31	600. 30	600. 28	600. 27	600. 26
16. 8000	600. 24	600. 23	600. 22	600. 21	600. 20
17. 0500	600. 19	600. 18	600. 17	600. 17	600. 16
17. 3000	600. 15	600. 14	600. 14	600. 13	600. 12
17. 5500	600. 12	600. 11	600. 11	600. 10	600. 10
17. 8000	600. 09	600. 09	600. 08	600. 08	600. 07
18. 0500	600. 07	600. 06	600. 06	600. 06	600. 05
18. 3000	600. 05	600. 05	600. 04	600. 04	600. 03
18. 5500	600. 03	600. 03	600. 03	600. 02	600. 02
18. 8000	600. 02	600. 01	600. 01	600. 01	600. 00
19. 0500	600. 00	600. 00	600. 00	599. 99	599. 99
19. 3000	599. 99	599. 98	599. 98	599. 98	599. 98
19. 5500	599. 97	599. 97	599. 97	599. 97	599. 96
19. 8000	599. 96	599. 96	599. 96	599. 95	599. 95
20. 0500	599. 95	599. 95	599. 94	599. 94	599. 94
20. 3000	599. 94	599. 93	599. 93	599. 93	599. 93
20. 5500	599. 92	599. 92	599. 92	599. 92	599. 92
20. 8000	599. 91	599. 91	599. 91	599. 91	599. 91
21. 0500	599. 91	599. 91	599. 90	599. 90	599. 90
21. 3000	599. 90	599. 90	599. 90	599. 90	599. 90
21. 5500	599. 89	599. 89	599. 89	599. 89	599. 89
21. 8000	599. 89	599. 89	599. 89	599. 89	599. 89
22. 0500	599. 88	599. 88	599. 88	599. 88	599. 88
22. 3000	599. 88	599. 88	599. 88	599. 88	599. 88
22. 5500	599. 88	599. 88	599. 88	599. 87	599. 87
22. 8000	599. 87	599. 87	599. 87	599. 87	599. 87
23. 0500	599. 87	599. 87	599. 87	599. 87	599. 87
23. 3000	599. 87	599. 87	599. 87	599. 86	599. 86
23. 5500	599. 86	599. 86	599. 86	599. 86	599. 86
23. 8000	599. 86	599. 86	599. 86	599. 86	599. 86
24. 0500	599. 86	599. 86	599. 85	599. 85	599. 85
24. 3000	599. 84	599. 84	599. 83	599. 82	599. 82

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time-Elev

Page 12. 55

Name. . . . POND1 OUT Tag: 100

Event: 100 yr

File. . . . \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . TypeII 24hr Tag: 100

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
Time on left represents time for first value in each row.					

asbuilt basin 1 2 and 4.txt

24. 5500	599. 81	599. 80	599. 79	599. 78	599. 78
24. 8000	599. 77	599. 76	599. 75	599. 75	599. 74
25. 0500	599. 73	599. 73	599. 72	599. 71	599. 71
25. 3000	599. 70	599. 70	599. 69	599. 69	599. 68
25. 5500	599. 68	599. 67	599. 67	599. 66	599. 66
25. 8000	599. 65	599. 65	599. 65	599. 64	599. 64
26. 0500	599. 64	599. 63	599. 63	599. 63	599. 62
26. 3000	599. 62	599. 62	599. 61	599. 61	599. 61
26. 5500	599. 61	599. 60	599. 60	599. 60	599. 60
26. 8000	599. 59	599. 59	599. 59	599. 59	599. 59
27. 0500	599. 58	599. 58	599. 58	599. 58	599. 58
27. 3000	599. 58	599. 57	599. 57	599. 57	599. 57
27. 5500	599. 57	599. 57	599. 56	599. 56	599. 56
27. 8000	599. 56	599. 56	599. 56	599. 56	599. 56
28. 0500	599. 55	599. 55	599. 55	599. 55	599. 55
28. 3000	599. 55	599. 55	599. 55	599. 54	599. 54
28. 5500	599. 54	599. 54	599. 54	599. 54	599. 54
28. 8000	599. 54	599. 54	599. 54	599. 53	599. 53
29. 0500	599. 53	599. 53	599. 53	599. 53	599. 53
29. 3000	599. 53	599. 53	599. 53	599. 53	599. 52
29. 5500	599. 52	599. 52	599. 52	599. 52	599. 52
29. 8000	599. 52	599. 52	599. 52	599. 52	599. 52
30. 0500	599. 52	599. 52	599. 52	599. 52	599. 51
30. 3000	599. 51	599. 51	599. 51	599. 51	599. 51
30. 5500	599. 51	599. 51	599. 51	599. 51	599. 51
30. 8000	599. 51	599. 51	599. 51	599. 51	599. 51
31. 0500	599. 51	599. 51	599. 51	599. 51	599. 50
31. 3000	599. 50	599. 50	599. 50	599. 50	599. 50
31. 5500	599. 50	599. 50	599. 50	599. 50	599. 50
31. 8000	599. 50	599. 50	599. 50	599. 50	599. 50
32. 0500	599. 50	599. 50	599. 50	599. 50	599. 50
32. 3000	599. 50	599. 50	599. 50	599. 50	599. 50
32. 5500	599. 50	599. 50	599. 50	599. 49	599. 49
32. 8000	599. 49	599. 49	599. 49	599. 49	599. 49
33. 0500	599. 49	599. 49	599. 49	599. 49	599. 49
33. 3000	599. 49	599. 49	599. 49	599. 49	599. 49
33. 5500	599. 49	599. 49	599. 49	599. 49	599. 49
33. 8000	599. 49	599. 49	599. 49	599. 49	599. 49
34. 0500	599. 49	599. 49	599. 49	599. 49	599. 49
34. 3000	599. 49	599. 49	599. 49	599. 49	599. 49
34. 5500	599. 49	599. 49	599. 49	599. 49	599. 49
34. 8000	599. 49	599. 49	599. 49	599. 49	599. 49
35. 0500	599. 49	599. 49	599. 49	599. 49	599. 49
35. 3000	599. 49	599. 49	599. 49	599. 49	599. 49

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PondPack Ver:

Compute Time:

Date:

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Type... Time-El ev

Page 12.56

Name... POND1 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
35. 5500	599. 49	599. 49	599. 49	599. 49	599. 49
35. 8000	599. 49	599. 49	599. 48	599. 48	599. 48
36. 0500	599. 48	599. 48	599. 48	599. 48	599. 48
36. 3000	599. 48	599. 48	599. 48	599. 48	599. 48

asbuilt basin 1 2 and 4.txt

36. 5500	599.48	599.48	599.48	599.48	599.48
36. 8000	599.48	599.48	599.48	599.48	599.48
37. 0500	599.48	599.48	599.48	599.48	599.48
37. 3000	599.48	599.48	599.48	599.48	599.48
37. 5500	599.48	599.48	599.48	599.48	599.48
37. 8000	599.48	599.48	599.48	599.48	599.48
38. 0500	599.48	599.48	599.48	599.48	599.48
38. 3000	599.48	599.48	599.48	599.48	599.48
38. 5500	599.48	599.48	599.48	599.48	599.48
38. 8000	599.48	599.48	599.48	599.48	599.48
39. 0500	599.48	599.48	599.48	599.48	599.48
39. 3000	599.48	599.48	599.48	599.48	599.48
39. 5500	599.48	599.48	599.48	599.48	599.48
39. 8000	599.48	599.48	599.48	599.48	599.48
40. 0500	599.48	599.48	599.48	599.48	599.48
40. 3000	599.48	599.48	599.48	599.48	599.48
40. 5500	599.48	599.48	599.48	599.48	599.48
40. 8000	599.48	599.48	599.48	599.48	599.48
41. 0500	599.48	599.48	599.48	599.48	599.48
41. 3000	599.48	599.48	599.48	599.48	599.48
41. 5500	599.48	599.48	599.48	599.48	599.48
41. 8000	599.48	599.48	599.48	599.48	599.48
42. 0500	599.48	599.48	599.48	599.48	599.48
42. 3000	599.48	599.48	599.48	599.48	599.48
42. 5500	599.48	599.48	599.48	599.48	599.48
42. 8000	599.48	599.48	599.48	599.48	599.48
43. 0500	599.48	599.48	599.48	599.48	599.48
43. 3000	599.48	599.48	599.48	599.48	599.48
43. 5500	599.48	599.48	599.48	599.48	599.48
43. 8000	599.48	599.48	599.48	599.48	599.48
44. 0500	599.48	599.48	599.48	599.48	599.48
44. 3000	599.48	599.48	599.48	599.48	599.48
44. 5500	599.48	599.48	599.48	599.48	599.48
44. 8000	599.48	599.48	599.48	599.48	599.48
45. 0500	599.48	599.48			

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time vs. Volume

Page 13.01

Name... BASIN2 OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs					
	Time on left represents time for first value in each row.					
6. 6500	0	0	0	0	0	0
6. 9000	0	0	0	0	0	0
7. 1500	0	0	0	0	0	0
7. 4000	0	0	0	0	0	0
7. 6500	0	0	0	0	0	0
7. 9000	0	0	0	0	0	0
8. 1500	0	0	0	0	0	0
8. 4000	0	1	1	1	1	1
8. 6500	1	1	1	1	1	1
8. 9000	1	1	1	1	1	1
9. 1500	1	1	1	1	1	1
9. 4000	1	1	1	1	1	1
9. 6500	1	1	1	1	1	1

asbuilt basin 1 2 and 4.txt

9. 9000	1	1	1	1	2
10. 1500	2	2	2	2	2
10. 4000	3	3	4	4	5
10. 6500	6	7	8	9	11
10. 9000	13	15	18	21	25
11. 1500	29	35	41	49	60
11. 4000	72	87	106	131	175
11. 6500	267	476	964	1565	2693
11. 9000	4929	8705	14252	21323	29193
12. 1500	36881	43436	48250	51185	52419
12. 4000	52283	51135	49251	46821	43986
12. 6500	40862	37541	34104	30617	27141
12. 9000	23719	20390	17184	14124	11230
13. 1500	8521	6017	3781	1918	520
13. 4000	188	174	162	150	139
13. 6500	129	120	112	104	97
13. 9000	91	85	79	74	70
14. 1500	65	61	58	55	52
14. 4000	50	48	46	45	43
14. 6500	42	41	39	38	37
14. 9000	36	35	34	33	31
15. 1500	30	29	28	27	26
15. 4000	25	25	24	23	22
15. 6500	21	20	20	19	18
15. 9000	17	16	16	15	14
16. 1500	14	13	13	12	12
16. 4000	11	11	11	11	10
16. 6500	10	10	10	10	9
16. 9000	9	9	9	9	9
17. 1500	8	8	8	8	8

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time vs. Volume

Page 13.02

Name. . . . BASIN2 OUT Tag: 15

Event: 15 yr

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
17. 4000	8	7	7	7	7
17. 6500	7	7	6	6	6
17. 9000	6	6	6	6	5
18. 1500	5	5	5	5	5
18. 4000	5	5	5	4	4
18. 6500	4	4	4	4	4
18. 9000	4	4	4	3	3
19. 1500	3	3	3	3	3
19. 4000	3	3	3	3	3
19. 6500	3	3	2	2	2
19. 9000	2	2	2	2	2
20. 1500	2	2	2	2	2
20. 4000	2	2	2	2	2
20. 6500	2	2	2	2	2
20. 9000	2	2	2	2	2
21. 1500	2	2	2	2	2
21. 4000	2	2	2	2	2
21. 6500	2	2	2	2	2

asbuilt basin 1 2 and 4.txt

21. 9000	2	2	2	2	2
22. 1500	2	2	2	2	2
22. 4000	2	2	2	2	2
22. 6500	2	2	2	2	2
22. 9000	2	2	2	2	2
23. 1500	2	1	1	1	1
23. 4000	1	1	1	1	1
23. 6500	1	1	1	1	1
23. 9000	1	1	1	1	1
24. 1500	1	1	1	1	1
24. 4000	0	0	0	0	0
24. 6500	0	0	0	0	0
24. 9000	0	0	0	0	0
25. 1500	0				

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time vs. Volume

Page 13.03

Name... BASIN2 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
6. 2500	0	0	0	0	0
6. 5000	0	0	0	0	0
6. 7500	0	0	0	0	0
7. 0000	0	0	0	0	0
7. 2500	0	0	0	0	0
7. 5000	0	0	0	0	0
7. 7500	0	0	0	0	1
8. 0000	1	1	1	1	1
8. 2500	1	1	1	1	1
8. 5000	1	1	1	1	1
8. 7500	1	1	1	1	1
9. 0000	1	1	1	1	1
9. 2500	1	1	1	1	1
9. 5000	1	1	1	1	1
9. 7500	2	2	2	2	2
10. 0000	2	2	3	3	3
10. 2500	4	4	5	6	7
10. 5000	8	9	10	12	14
10. 7500	16	19	22	25	29
11. 0000	34	39	45	52	60
11. 2500	71	84	100	120	144
11. 5000	173	211	277	416	728
11. 7500	1306	2056	3633	6541	11247
12. 0000	17986	26467	35855	45044	52946
12. 2500	58871	62659	64502	64776	63881
12. 5000	62126	59725	56830	53573	50054
12. 7500	46363	42573	38747	34934	31175
13. 0000	27502	23937	20504	17225	14117
13. 2500	11201	8491	6001	3788	1948
13. 5000	566	204	190	177	165
13. 7500	153	143	133	125	117
14. 0000	110	103	96	90	84
14. 2500	80	76	72	69	67
14. 5000	64	62	60	58	57

asbuilt basin 1 2 and 4.txt

14. 7500	55	53	52	50	49
15. 0000	47	46	44	43	41
15. 2500	40	39	38	36	35
15. 5000	34	32	31	30	29
15. 7500	28	27	26	25	24
16. 0000	23	22	21	20	19
16. 2500	18	18	17	17	16
16. 5000	16	16	15	15	15
16. 7500	14	14	14	13	13

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time vs. Volume Page 13.04

Name. . . . BASIN2 OUT Tag: 25 Event: 25 yr

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

17. 0000	13	13	12	12	12
17. 2500	12	11	11	11	11
17. 5000	11	10	10	10	10
17. 7500	9	9	9	9	9
18. 0000	9	8	8	8	8
18. 2500	8	7	7	7	7
18. 5000	7	7	6	6	6
18. 7500	6	6	6	5	5
19. 0000	5	5	5	5	5
19. 2500	5	4	4	4	4
19. 5000	4	4	4	4	4
19. 7500	3	3	3	3	3
20. 0000	3	3	3	3	3
20. 2500	3	3	3	3	2
20. 5000	2	2	2	2	2
20. 7500	2	2	2	2	2
21. 0000	2	2	2	2	2
21. 2500	2	2	2	2	2
21. 5000	2	2	2	2	2
21. 7500	2	2	2	2	2
22. 0000	2	2	2	2	2
22. 2500	2	2	2	2	2
22. 5000	2	2	2	2	2
22. 7500	2	2	2	2	2
23. 0000	2	2	2	2	2
23. 2500	2	2	2	2	2
23. 5000	2	2	2	2	2
23. 7500	2	2	2	2	2
24. 0000	2	2	2	1	1
24. 2500	1	1	1	0	0
24. 5000	0	0	0	0	0
24. 7500	0	0	0	0	0
25. 0000	0	0	0	0	0

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time vs. Volume Page 13.05

Name. . . . BASIN2 OUT Tag: 100 Event: 100 yr

asbuilt basin 1 2 and 4.txt

File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW Storm... TypeII 24hr Tag: 100

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
5. 3500	0	0	0	0	0
5. 6000	0	0	0	0	0
5. 8500	0	0	0	0	0
6. 1000	0	0	0	0	0
6. 3500	0	0	0	0	0
6. 6000	0	0	0	0	1
6. 8500	1	1	1	1	1
7. 1000	1	1	1	1	1
7. 3500	1	1	1	1	1
7. 6000	1	1	1	1	1
7. 8500	1	1	1	1	1
8. 1000	1	1	1	1	1
8. 3500	1	1	1	1	1
8. 6000	1	1	1	2	2
8. 8500	2	2	2	2	2
9. 1000	3	3	3	3	4
9. 3500	4	4	5	5	5
9. 6000	5	6	6	6	7
9. 8500	8	8	9	10	12
10. 1000	13	15	16	19	21
10. 3500	23	26	29	33	37
10. 6000	41	46	52	58	66
10. 8500	74	84	95	108	121
11. 1000	137	156	178	205	238
11. 3500	278	327	384	452	544
11. 6000	699	1022	1429	2220	3828
11. 8500	6730	11515	18743	28688	40959
12. 1000	54457	67710	79097	85538	86573
12. 3500	85287	83416	81521	79688	77763
12. 6000	75418	72531	69229	65623	61807
12. 8500	57858	53834	49784	45746	41747
13. 1000	37811	33959	30217	26603	23136
13. 3500	19831	16699	13749	10993	8438
13. 6000	6088	3995	2230	941	277
13. 8500	259	243	228	214	201
14. 1000	188	177	167	158	150
14. 3500	143	137	132	128	124
14. 6000	120	116	113	110	107
14. 8500	103	100	97	94	92
15. 1000	89	86	83	81	78
15. 3500	76	73	71	69	67
15. 6000	64	62	60	57	55
15. 8500	53	51	49	47	45

S/N:

PondPack Ver:

Compute Time:

Date:

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Type.... Time vs. Volume

Page 13.06

Name.... BASIN2 OUT Tag: 100

Event: 100 yr

File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

TIME vs. VOLUME (cu. ft)



asbuilt basin 1 2 and 4.txt

Time hrs	Output Time increment = .0500 hrs					
	Time on left represents time for first value in each row.					
16. 1000	44	42	40	39	38	
16. 3500	37	36	35	34	34	
16. 6000	33	32	32	31	31	
16. 8500	30	29	29	28	28	
17. 1000	27	27	26	26	25	
17. 3500	25	24	24	24	23	
17. 6000	23	22	22	21	21	
17. 8500	21	20	20	19	19	
18. 1000	19	18	18	17	17	
18. 3500	17	16	16	15	15	
18. 6000	15	14	14	14	13	
18. 8500	13	13	12	12	12	
19. 1000	11	11	11	10	10	
19. 3500	10	10	9	9	9	
19. 6000	9	8	8	8	8	
19. 8500	7	7	7	7	7	
20. 1000	6	6	6	6	6	
20. 3500	6	5	5	5	5	
20. 6000	5	5	5	5	5	
20. 8500	5	5	5	5	5	
21. 1000	5	5	5	5	5	
21. 3500	5	5	5	5	5	
21. 6000	5	5	4	4	4	
21. 8500	4	4	4	4	4	
22. 1000	4	4	4	4	4	
22. 3500	4	4	4	4	4	
22. 6000	4	4	4	4	4	
22. 8500	4	4	4	4	4	
23. 1000	4	4	4	4	4	
23. 3500	4	4	4	4	3	
23. 6000	3	3	3	3	3	
23. 8500	3	3	3	3	3	
24. 1000	3	2	2	1	1	
24. 3500	1	1	0	0	0	
24. 6000	0	0	0	0	0	
24. 8500	0	0	0	0	0	
25. 1000	0	0				

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time vs. Volume

Page 13.07

Name... BASIN3A

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs					
	Time on left represents time for first value in each row.					
. 0000	0	0	0	0	0	0
. 2500	0	0	0	0	0	0
. 5000	0	0	0	0	0	0
. 7500	0	0	0	0	0	0
1. 0000	0	0	0	0	0	0
1. 2500	0	0	0	0	0	0
1. 5000	0	0	0	0	0	0

asbuilt basin 1 2 and 4.txt

1. 7500	0	0	0	0	0
2. 0000	0	0	0	0	0
2. 2500	0	0	0	0	0
2. 5000	0	0	0	0	0
2. 7500	0	0	0	0	0
3. 0000	0	0	0	0	0
3. 2500	0	0	0	0	0
3. 5000	0	0	0	0	0
3. 7500	0	0	0	0	0
4. 0000	0	0	0	0	0
4. 2500	0	0	0	0	0
4. 5000	0	0	0	0	0
4. 7500	0	0	0	0	0
5. 0000	0	0	0	0	0
5. 2500	0	0	0	0	0
5. 5000	0	0	0	0	0
5. 7500	0	0	0	0	0
6. 0000	0	0	0	0	0
6. 2500	0	0	0	0	0
6. 5000	0	0	0	0	0
6. 7500	0	0	0	0	0
7. 0000	0	0	0	0	0
7. 2500	0	0	0	0	0
7. 5000	0	0	0	0	0
7. 7500	0	0	0	0	0
8. 0000	0	0	0	0	0
8. 2500	0	0	0	0	0
8. 5000	0	0	0	0	0
8. 7500	1	3	6	12	22
9. 0000	37	58	85	118	158
9. 2500	203	251	302	356	401
9. 5000	438	471	503	533	563
9. 7500	591	618	646	674	703
10. 0000	733	767	804	845	888
10. 2500	934	966	994	1022	1049
10. 5000	1077	1106	1137	1170	1205

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time vs. Volume

Page 13.08

Name... BASIN3A

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

10. 7500	1243	1283	1332	1395	1437
11. 0000	1476	1525	1587	1657	1719
11. 2500	1778	1840	1966	2175	2455
11. 5000	2800	3228	3780	4559	5696
11. 7500	7445	10069	13848	19214	26646
12. 0000	37889	52551	70189	89824	109505
12. 2500	126759	140307	149818	155727	158644
12. 5000	159214	157997	155405	151739	147248
12. 7500	142131	136525	130553	124331	117924
13. 0000	111357	104710	97997	91254	84705
13. 2500	78410	72314	66407	60706	55223
13. 5000	49944	44873	40012	35346	30865

asbuilt basin 1 2 and 4.txt

13. 7500	26949	23777	21019	18845	16844
14. 0000	15223	13977	12924	11981	11194
14. 2500	10513	9927	9399	8930	8514
14. 5000	8153	7836	7556	7308	7081
14. 7500	6873	6682	6505	6341	6187
15. 0000	6042	5904	5781	5668	5563
15. 2500	5464	5370	5279	5190	5097
15. 5000	5002	4906	4809	4710	4611
15. 7500	4511	4412	4311	4210	4109
16. 0000	4006	3904	3802	3699	3599
16. 2500	3499	3403	3310	3222	3137
16. 5000	3056	2979	2906	2837	2772
16. 7500	2709	2650	2593	2538	2486
17. 0000	2435	2386	2338	2292	2246
17. 2500	2202	2158	2115	2072	2031
17. 5000	1989	1947	1906	1866	1850
17. 7500	1839	1830	1823	1817	1811
18. 0000	1806	1800	1795	1790	1785
18. 2500	1780	1775	1769	1764	1759
18. 5000	1754	1749	1743	1738	1733
18. 7500	1728	1723	1717	1712	1707
19. 0000	1702	1696	1691	1686	1681
19. 2500	1673	1665	1657	1648	1639
19. 5000	1629	1620	1611	1602	1592
19. 7500	1583	1573	1564	1554	1545
20. 0000	1535	1526	1517	1508	1499
20. 2500	1491	1486	1482	1479	1476
20. 5000	1474	1472	1470	1469	1467
20. 7500	1466	1465	1464	1463	1462
21. 0000	1461	1460	1459	1458	1457
21. 2500	1456	1455	1454	1453	1452
21. 5000	1451	1450	1449	1449	1448

S/N:

PondPack Ver:

Compute Time:

Date:

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Type . . . Time vs. Volume

Page 13.09

Name . . . BASIN3A

Tag: 15

Event: 15 yr

File . . . \\2serverprsr\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm . . . Type I 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
21. 7500	1447	1446	1445	1444	1443
22. 0000	1442	1441	1440	1439	1438
22. 2500	1438	1437	1436	1435	1434
22. 5000	1433	1432	1431	1430	1429
22. 7500	1428	1427	1426	1426	1425
23. 0000	1424	1423	1422	1421	1420
23. 2500	1419	1418	1417	1416	1415
23. 5000	1414	1413	1412	1411	1411
23. 7500	1410	1409	1408	1407	1406
24. 0000	1404	1402	1390	1361	1307
24. 2500	1245	1171	1092	1015	944
24. 5000	853	760	680	611	553
24. 7500	501	458	424	397	376
25. 0000	352	329	308	288	269
25. 2500	252	236	222	209	198
25. 5000	188	178	168	160	151

asbuilt basin 1 2 and 4.txt

25. 7500	143	136	128	122	115
26. 0000	109	103	98	93	88
26. 2500	83	79	74	70	67
26. 5000	63	60	57	53	51
26. 7500	48	45	43	41	38
27. 0000	36	34	33	31	29
27. 2500	28	26	25	23	22
27. 5000	21	20	19	18	17
27. 7500	16	15	14	14	13
28. 0000	12	12	11	10	10
28. 2500	9	9	8	8	7
28. 5000	7	7	6	6	6
28. 7500	5	5	5	5	4
29. 0000	4	4	4	3	3
29. 2500	3	3	3	3	3
29. 5000	3	2	2	2	2
29. 7500	2	2	2	2	1
30. 0000	1	1	1	1	1
30. 2500	1	1	1	1	1
30. 5000	1	1	1	1	1
30. 7500	1	1	1	1	1
31. 0000	1	1	1	1	1
31. 2500	1	1	1	1	1
31. 5000	1	1	1	1	1
31. 7500	1	1	1	1	1
32. 0000	1	1	1	1	1
32. 2500	1	1	1	1	1
32. 5000	1	1	1	1	1

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time vs. Volume

Page 13. 10

Name... BASIN3A

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

32. 7500	1	1	1	1	1
33. 0000	1	1	1	1	1
33. 2500	1	1	1	1	1
33. 5000	1	1	1	1	1
33. 7500	1	1	1	1	1
34. 0000	1	1	1	1	1
34. 2500	1	1	1	1	1
34. 5000	1	1	1	1	1
34. 7500	1	1	1	1	1
35. 0000	1				

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Time vs. Volume

Page 13. 11

Name... BASIN3A

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

asbuilt basin 1 2 and 4.txt  
 TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.					
.0000	0	0	0	0	0	0
.2500	0	0	0	0	0	0
.5000	0	0	0	0	0	0
.7500	0	0	0	0	0	0
1.0000	0	0	0	0	0	0
1.2500	0	0	0	0	0	0
1.5000	0	0	0	0	0	0
1.7500	0	0	0	0	0	0
2.0000	0	0	0	0	0	0
2.2500	0	0	0	0	0	0
2.5000	0	0	0	0	0	0
2.7500	0	0	0	0	0	0
3.0000	0	0	0	0	0	0
3.2500	0	0	0	0	0	0
3.5000	0	0	0	0	0	0
3.7500	0	0	0	0	0	0
4.0000	0	0	0	0	0	0
4.2500	0	0	0	0	0	0
4.5000	0	0	0	0	0	0
4.7500	0	0	0	0	0	0
5.0000	0	0	0	0	0	0
5.2500	0	0	0	0	0	0
5.5000	0	0	0	0	0	0
5.7500	0	0	0	0	0	0
6.0000	0	0	0	0	0	0
6.2500	0	0	0	0	0	0
6.5000	0	0	0	0	0	0
6.7500	0	0	0	0	0	0
7.0000	0	0	0	0	0	0
7.2500	0	0	0	0	0	0
7.5000	0	0	0	0	0	0
7.7500	0	0	0	0	0	0
8.0000	0	0	0	0	0	0
8.2500	0	1	3	6	12	
8.5000	21	35	54	78	109	
8.7500	145	188	233	282	334	
9.0000	386	426	461	497	531	
9.2500	565	596	626	656	684	
9.5000	712	740	768	799	830	
9.7500	863	898	934	959	981	
10.0000	1003	1025	1047	1069	1093	
10.2500	1118	1146	1175	1206	1240	
10.5000	1275	1313	1365	1413	1448	

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time vs. Volume

Page 13.12

Name... BASIN3A

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.					
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asbuilt basin 1 2 and 4.txt

10. 7500	1480	1523	1578	1640	1701
11. 0000	1751	1801	1853	1963	2134
11. 2500	2359	2641	2982	3382	3838
11. 5000	4355	4952	5650	6599	7990
11. 7500	10091	13156	17549	23806	33250
12. 0000	47308	65444	87872	112650	136580
12. 2500	157278	173451	184829	192042	195836
12. 5000	196899	195857	193152	189124	184194
12. 7500	178577	172465	165982	159248	152352
13. 0000	145369	138331	131254	124179	117111
13. 2500	110024	102950	95897	88908	82314
13. 5000	76008	69942	64099	58484	53094
13. 7500	47911	42944	38186	33624	29245
14. 0000	25719	22763	20200	18191	16239
14. 2500	14839	13705	12743	11885	11183
14. 5000	10584	10073	9625	9227	8875
14. 7500	8562	8288	8045	7828	7631
15. 0000	7452	7288	7132	6983	6841
15. 2500	6703	6570	6441	6314	6191
15. 5000	6070	5950	5836	5730	5627
15. 7500	5528	5433	5339	5248	5151
16. 0000	5050	4946	4841	4733	4626
16. 2500	4520	4416	4315	4218	4126
16. 5000	4038	3956	3878	3804	3734
16. 7500	3668	3605	3544	3486	3431
17. 0000	3377	3325	3274	3225	3177
17. 2500	3129	3081	3034	2987	2940
17. 5000	2894	2849	2803	2757	2711
17. 7500	2666	2621	2576	2531	2486
18. 0000	2440	2395	2350	2305	2260
18. 2500	2214	2169	2123	2077	2032
18. 5000	1986	1941	1895	1860	1844
18. 7500	1832	1822	1815	1808	1801
19. 0000	1795	1789	1783	1777	1771
19. 2500	1765	1759	1753	1747	1741
19. 5000	1735	1729	1723	1717	1711
19. 7500	1705	1699	1693	1687	1681
20. 0000	1673	1663	1654	1644	1634
20. 2500	1625	1616	1608	1601	1595
20. 5000	1590	1585	1580	1577	1574
20. 7500	1570	1568	1565	1563	1560
21. 0000	1558	1556	1554	1552	1549
21. 2500	1547	1545	1543	1541	1539
21. 5000	1537	1535	1533	1531	1529

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time vs. Volume

Page 13.13

Name... BASIN3A

Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
21. 7500	1527	1525	1523	1521	1519
22. 0000	1517	1515	1513	1511	1509
22. 2500	1507	1505	1503	1501	1499
22. 5000	1497	1495	1493	1492	1491

asbuilt basin 1 2 and 4.txt

22. 7500	1490	1489	1487	1486	1485
23. 0000	1484	1483	1482	1481	1480
23. 2500	1479	1478	1477	1476	1475
23. 5000	1474	1473	1471	1470	1469
23. 7500	1468	1467	1466	1465	1464
24. 0000	1462	1459	1451	1434	1404
24. 2500	1328	1241	1151	1063	982
24. 5000	900	804	716	641	578
24. 7500	523	476	438	408	384
25. 0000	362	339	316	296	276
25. 2500	259	242	228	214	202
25. 5000	192	182	172	163	154
25. 7500	146	138	131	124	117
26. 0000	111	105	100	94	89
26. 2500	85	80	76	72	68
26. 5000	64	61	57	54	51
26. 7500	49	46	43	41	39
27. 0000	37	35	33	31	30
27. 2500	28	27	25	24	23
27. 5000	21	20	19	18	17
27. 7500	16	15	14	14	13
28. 0000	12	12	11	10	10
28. 2500	9	9	8	8	8
28. 5000	7	7	6	6	6
28. 7500	5	5	5	5	4
29. 0000	4	4	4	3	3
29. 2500	3	3	3	3	3
29. 5000	3	2	2	2	2
29. 7500	2	2	2	2	1
30. 0000	1	1	1	1	1
30. 2500	1	1	1	1	1
30. 5000	1	1	1	1	1
30. 7500	1	1	1	1	1
31. 0000	1	1	1	1	1
31. 2500	1	1	1	1	1
31. 5000	1	1	1	1	1
31. 7500	1	1	1	1	1
32. 0000	1	1	1	1	1
32. 2500	1	1	1	1	1
32. 5000	1	1	1	1	1

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time vs. Volume

Page 13. 14

Name. . . . BASIN3A

Tag: 25

Event: 25 yr

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
32. 7500	1	1	1	1	1
33. 0000	1	1	1	1	1
33. 2500	1	1	1	1	1
33. 5000	1	1	1	1	1
33. 7500	1	1	1	1	1
34. 0000	1	1	1	1	1
34. 2500	1	1	1	1	1
34. 5000	1	1	1	1	1

34. 7500 | 1 | 1 | 1 | 1 | 1 | 1  
 35. 0000 | 1 | | | | | |

asbuilt basin 1 2 and 4.txt

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Time vs. Volume

Page 13.15

Name... BASIN3A

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
.0000	0	0	0	0	0
.2500	0	0	0	0	0
.5000	0	0	0	0	0
.7500	0	0	0	0	0
1.0000	0	0	0	0	0
1.2500	0	0	0	0	0
1.5000	0	0	0	0	0
1.7500	0	0	0	0	0
2.0000	0	0	0	0	0
2.2500	0	0	0	0	0
2.5000	0	0	0	0	0
2.7500	0	0	0	0	0
3.0000	0	0	0	0	0
3.2500	0	0	0	0	0
3.5000	0	0	0	0	0
3.7500	0	0	0	0	0
4.0000	0	0	0	0	0
4.2500	0	0	0	0	0
4.5000	0	0	0	0	0
4.7500	0	0	0	0	0
5.0000	0	0	0	0	0
5.2500	0	0	0	0	0
5.5000	0	0	0	0	0
5.7500	0	0	0	0	0
6.0000	0	0	0	0	0
6.2500	0	0	0	0	0
6.5000	0	0	0	0	0
6.7500	0	0	0	0	0
7.0000	0	0	0	0	1
7.2500	2	4	9	17	28
7.5000	45	66	92	124	161
7.7500	202	245	290	337	382
8.0000	417	446	474	501	527
8.2500	553	578	602	627	652
8.5000	678	706	734	765	799
8.7500	836	874	915	949	975
9.0000	999	1021	1043	1064	1086
9.2500	1107	1128	1149	1170	1190
9.5000	1210	1229	1248	1266	1286
9.7500	1306	1334	1367	1403	1426
10.0000	1448	1470	1492	1527	1567
10.2500	1612	1661	1704	1742	1780
10.5000	1818	1858	1943	2071	2232

S/N:

PondPack Ver:

Compute Time:

Date:



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Type... Time vs. Volume Page 13.16  
 Name... BASIN3A Tag: 100 Event: 100 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW Storm... Type I 24hr Tag: 100

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
10.7500	2427	2654	2915	3207	3527
11.0000	3878	4257	4665	5107	5555
11.2500	6030	6567	7162	7800	8492
11.5000	9257	10112	11110	12454	14374
11.7500	17212	21413	27448	37726	53128
12.0000	75755	105782	140756	176908	211571
12.2500	241853	265971	283603	295403	302349
12.5000	305395	305387	302983	298683	292906
12.7500	286015	278286	269944	261207	252172
13.0000	242997	233758	224485	215233	205977
13.2500	196780	187651	178868	170322	162018
13.5000	153897	145979	138222	130595	123114
13.7500	115751	108474	101275	94158	87222
14.0000	80687	74441	68445	62683	57163
14.2500	51872	46799	41965	37350	32946
14.5000	28751	25471	22698	20327	18501
14.7500	16714	15439	14445	13597	12893
15.0000	12281	11746	11302	10918	10582
15.2500	10287	10025	9786	9561	9351
15.5000	9152	8965	8785	8612	8448
15.7500	8290	8138	7991	7847	7707
16.0000	7570	7433	7299	7165	7030
16.2500	6897	6767	6642	6522	6408
16.5000	6300	6198	6102	6012	5927
16.7500	5849	5779	5714	5654	5598
17.0000	5545	5494	5446	5399	5353
17.2500	5309	5266	5223	5177	5130
17.5000	5081	5031	4981	4930	4878
17.7500	4826	4773	4719	4665	4611
18.0000	4556	4502	4447	4392	4337
18.2500	4281	4226	4170	4114	4059
18.5000	4003	3947	3892	3836	3779
18.7500	3723	3666	3611	3554	3498
19.0000	3441	3385	3328	3272	3215
19.2500	3158	3101	3043	2984	2925
19.5000	2867	2808	2749	2689	2629
19.7500	2569	2510	2449	2388	2328
20.0000	2267	2207	2147	2087	2028
20.2500	1970	1914	1862	1844	1832
20.5000	1824	1818	1814	1811	1808
20.7500	1806	1804	1802	1800	1799
21.0000	1797	1795	1794	1792	1791
21.2500	1789	1788	1786	1785	1783
21.5000	1782	1780	1779	1777	1776

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Time vs. Volume Page 13.17  
 Name... BASIN3A Tag: 100 Event: 100 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 Page 513

asbuilt basin 1 2 and 4.txt

4. PPW

Storm... Type I 24hr Tag: 100

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
21. 7500	1774	1773	1771	1770	1768
22. 0000	1767	1765	1764	1762	1761
22. 2500	1759	1758	1756	1755	1753
22. 5000	1752	1750	1748	1747	1746
22. 7500	1744	1742	1741	1739	1738
23. 0000	1736	1735	1733	1732	1730
23. 2500	1729	1727	1726	1724	1723
23. 5000	1721	1720	1718	1717	1715
23. 7500	1713	1712	1710	1709	1707
24. 0000	1705	1701	1690	1660	1598
24. 2500	1506	1424	1302	1187	1080
24. 5000	989	904	805	715	640
24. 7500	576	521	473	436	406
25. 0000	382	360	336	314	293
25. 2500	274	256	240	225	212
25. 5000	200	190	180	170	161
25. 7500	153	145	137	130	123
26. 0000	116	110	104	99	93
26. 2500	89	84	79	75	71
26. 5000	67	64	60	57	54
26. 7500	51	48	46	43	41
27. 0000	39	37	35	33	31
27. 2500	30	28	26	25	24
27. 5000	22	21	20	19	18
27. 7500	17	16	15	14	14
28. 0000	13	12	12	11	10
28. 2500	10	9	9	8	8
28. 5000	8	7	7	6	6
28. 7500	6	5	5	5	5
29. 0000	4	4	4	4	3
29. 2500	3	3	3	3	3
29. 5000	3	3	2	2	2
29. 7500	2	2	2	2	2
30. 0000	1	1	1	1	1
30. 2500	1	1	1	1	1
30. 5000	1	1	1	1	1
30. 7500	1	1	1	1	1
31. 0000	1	1	1	1	1
31. 2500	1	1	1	1	1
31. 5000	1	1	1	1	1
31. 7500	1	1	1	1	1
32. 0000	1	1	1	1	1
32. 2500	1	1	1	1	1
32. 5000	1	1	1	1	1

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time vs. Volume

Name... BASIN3A

Tag: 100

Page 13. 18

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

TIME vs. VOLUME (cu. ft)

asbuilt basin 1 2 and 4.txt

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
32.7500	1	1	1	1	1
33.0000	1	1	1	1	1
33.2500	1	1	1	1	1
33.5000	1	1	1	1	1
33.7500	1	1	1	1	1
34.0000	1	1	1	1	1
34.2500	1	1	1	1	1
34.5000	1	1	1	1	1
34.7500	1	1	1	1	1
35.0000	1				

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time vs. Volume

Page 13.19

Name... BASIN3B

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
.0000	0	0	0	0	0
.2500	0	0	0	0	0
.5000	0	0	0	0	0
.7500	0	0	0	0	0
1.0000	0	0	0	0	0
1.2500	0	0	0	0	0
1.5000	0	0	0	0	0
1.7500	0	0	0	0	0
2.0000	0	0	0	0	0
2.2500	0	0	0	0	0
2.5000	0	0	0	0	0
2.7500	0	0	0	0	0
3.0000	0	0	0	0	0
3.2500	0	0	0	0	0
3.5000	0	0	0	0	0
3.7500	0	0	0	0	0
4.0000	0	0	0	0	0
4.2500	0	0	0	0	0
4.5000	0	0	0	0	0
4.7500	0	0	0	0	0
5.0000	0	0	0	0	0
5.2500	0	0	0	0	0
5.5000	0	0	0	0	0
5.7500	0	0	0	0	0
6.0000	0	0	0	0	0
6.2500	0	0	0	0	0
6.5000	0	0	0	0	0
6.7500	0	0	0	0	0
7.0000	0	0	0	0	0
7.2500	0	0	0	0	0
7.5000	0	0	0	0	0
7.7500	0	0	0	0	0
8.0000	0	0	0	0	0
8.2500	0	0	0	0	0

asbuilt basin 1 2 and 4.txt

8. 5000	0	0	0	0	0
8. 7500	0	0	0	1	1
9. 0000	2	4	7	10	15
9. 2500	21	30	43	59	80
9. 5000	106	136	165	192	217
9. 7500	238	256	273	290	305
10. 0000	320	335	350	365	391
10. 2500	428	477	541	616	701
10. 5000	793	887	981	1078	1177

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Time vs. Volume

Page 13.20

Name... BASIN3B

Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
10. 7500	1279	1392	1511	1636	1770
11. 0000	1915	2068	2222	2374	2535
11. 2500	2708	2892	3076	3242	3393
11. 5000	3541	3692	3857	4058	4322
11. 7500	4709	5288	6121	7357	9088
12. 0000	11661	14698	17841	20651	22837
12. 2500	24520	25874	26994	27932	28696
12. 5000	29236	29556	29667	29590	29354
12. 7500	28986	28518	27982	27419	26881
13. 0000	26365	25872	25400	24949	24477
13. 2500	23932	23303	22644	21978	21314
13. 5000	20650	19994	19345	18707	18072
13. 7500	17378	16515	15498	14393	13282
14. 0000	12206	11158	10119	9274	8674
14. 2500	8171	7764	7423	7142	6908
14. 5000	6702	6513	6345	6196	6064
14. 7500	5949	5848	5759	5680	5609
15. 0000	5544	5484	5428	5369	5310
15. 2500	5252	5196	5141	5089	5041
15. 5000	4996	4954	4912	4870	4829
15. 7500	4788	4747	4706	4665	4623
16. 0000	4582	4540	4498	4458	4417
16. 2500	4378	4339	4301	4263	4227
16. 5000	4193	4161	4131	4102	4074
16. 7500	4047	4021	3996	3972	3948
17. 0000	3925	3903	3882	3862	3842
17. 2500	3823	3804	3785	3767	3749
17. 5000	3732	3715	3699	3682	3660
17. 7500	3633	3604	3577	3551	3526
18. 0000	3504	3481	3461	3441	3421
18. 2500	3402	3384	3366	3348	3330
18. 5000	3313	3295	3277	3260	3242
18. 7500	3225	3207	3189	3172	3154
19. 0000	3137	3119	3101	3082	3064
19. 2500	3046	3028	3011	2993	2975
19. 5000	2958	2939	2921	2902	2884
19. 7500	2865	2846	2827	2808	2789
20. 0000	2769	2750	2731	2712	2693
20. 2500	2674	2654	2635	2615	2598

asbuilt basin 1 2 and 4.txt

20. 5000	2582	2567	2553	2541	2531
20. 7500	2521	2512	2505	2497	2491
21. 0000	2484	2478	2473	2468	2463
21. 2500	2458	2454	2449	2445	2441
21. 5000	2436	2432	2428	2424	2420

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time vs. Volume

Page 13. 21

Name. . . . BASI N3B

Tag: 15

Event: 15 yr

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
21. 7500	2415	2412	2407	2403	2399
22. 0000	2395	2391	2387	2383	2379
22. 2500	2375	2370	2366	2362	2358
22. 5000	2354	2350	2346	2342	2338
22. 7500	2333	2329	2325	2321	2317
23. 0000	2313	2308	2305	2300	2296
23. 2500	2292	2288	2284	2280	2275
23. 5000	2271	2267	2263	2259	2254
23. 7500	2250	2246	2242	2238	2233
24. 0000	2229	2224	2215	2200	2171
24. 2500	2116	2029	1911	1766	1591
24. 5000	1407	1231	1067	912	762
24. 7500	613	474	354	293	248
25. 0000	216	189	168	152	139
25. 2500	127	116	107	99	91
25. 5000	85	80	75	71	67
25. 7500	63	60	56	53	50
26. 0000	47	45	42	40	38
26. 2500	36	34	32	30	29
26. 5000	27	26	24	23	22
26. 7500	21	19	18	17	16
27. 0000	16	15	14	13	12
27. 2500	12	11	10	10	9
27. 5000	9	8	8	8	7
27. 7500	7	6	6	6	5
28. 0000	5	5	5	4	4
28. 2500	4	4	4	3	3
28. 5000	3	3	3	3	2
28. 7500	2	2	2	2	2
29. 0000	2	2	2	1	1
29. 2500	1	1	1	1	1
29. 5000	1	1	1	1	1
29. 7500	1	1	1	1	1
30. 0000	1	1	0	0	0
30. 2500	0	0	0	0	0
30. 5000	0	0	0	0	0
30. 7500	0	0	0	0	0
31. 0000	0	0	0	0	0
31. 2500	0	0	0	0	0
31. 5000	0	0	0	0	0
31. 7500	0	0	0	0	0
32. 0000	0	0	0	0	0
32. 2500	0	0	0	0	0

32.5000 | 0 0 0 0 0

asbuilt basin 1 2 and 4.txt

S/N:  
PondPack Ver: Compute Time: Date:

Type... Time vs. Volume Page 13.22  
Name... BASIN3B Tag: 15 Event: 15 yr  
File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
32.7500	0	0	0	0	0
33.0000	0	0	0	0	0
33.2500	0	0	0	0	0
33.5000	0	0	0	0	0
33.7500	0	0	0	0	0
34.0000	0	0	0	0	0
34.2500	0	0	0	0	0
34.5000	0	0	0	0	0
34.7500	0	0	0	0	0
35.0000	0	0	0	0	0

S/N:  
PondPack Ver: Compute Time: Date:

Type... Time vs. Volume Page 13.23  
Name... BASIN3B Tag: 25 Event: 25 yr  
File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
.0000	0	0	0	0	0
.2500	0	0	0	0	0
.5000	0	0	0	0	0
.7500	0	0	0	0	0
1.0000	0	0	0	0	0
1.2500	0	0	0	0	0
1.5000	0	0	0	0	0
1.7500	0	0	0	0	0
2.0000	0	0	0	0	0
2.2500	0	0	0	0	0
2.5000	0	0	0	0	0
2.7500	0	0	0	0	0
3.0000	0	0	0	0	0
3.2500	0	0	0	0	0
3.5000	0	0	0	0	0
3.7500	0	0	0	0	0
4.0000	0	0	0	0	0
4.2500	0	0	0	0	0
4.5000	0	0	0	0	0
4.7500	0	0	0	0	0
5.0000	0	0	0	0	0
5.2500	0	0	0	0	0

asbuilt basin 1 2 and 4.txt

5. 5000	0	0	0	0	0
5. 7500	0	0	0	0	0
6. 0000	0	0	0	0	0
6. 2500	0	0	0	0	0
6. 5000	0	0	0	0	0
6. 7500	0	0	0	0	0
7. 0000	0	0	0	0	0
7. 2500	0	0	0	0	0
7. 5000	0	0	0	0	0
7. 7500	0	0	0	0	0
8. 0000	0	0	0	0	0
8. 2500	0	0	0	0	1
8. 5000	1	2	4	6	9
8. 7500	14	19	27	38	53
9. 0000	72	95	125	156	184
9. 2500	212	236	256	275	293
9. 5000	309	324	338	351	364
9. 7500	385	413	447	491	546
10. 0000	608	678	753	832	910
10. 2500	989	1069	1152	1238	1330
10. 5000	1429	1535	1645	1760	1879

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time vs. Volume

Page 13. 24

Name... BASIN3B

Tag: 25

Event: 25 yr

File... \\serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
10. 7500	2009	2144	2278	2411	2550
11. 0000	2700	2855	3018	3175	3312
11. 2500	3437	3559	3682	3812	3956
11. 5000	4114	4288	4495	4763	5115
11. 7500	5589	6264	7259	8688	10861
12. 0000	13763	16976	20102	22660	24737
12. 2500	26558	28307	29991	31456	32596
12. 5000	33398	33904	34158	34199	34039
12. 7500	33685	33172	32537	31815	31036
13. 0000	30221	29398	28581	27779	27062
13. 2500	26424	25849	25327	24842	24327
13. 5000	23723	23061	22388	21717	21051
13. 7500	20390	19737	19094	18461	17834
14. 0000	17098	16164	15110	14012	12929
14. 2500	11886	10837	9836	9101	8552
14. 5000	8096	7729	7422	7170	6964
14. 7500	6790	6630	6487	6358	6243
15. 0000	6140	6047	5964	5889	5822
15. 2500	5761	5705	5652	5603	5555
15. 5000	5509	5465	5421	5373	5322
15. 7500	5271	5219	5168	5116	5067
16. 0000	5020	4976	4932	4888	4844
16. 2500	4800	4757	4714	4671	4630
16. 5000	4590	4551	4514	4480	4447
16. 7500	4417	4388	4360	4334	4309
17. 0000	4285	4262	4240	4219	4199
17. 2500	4179	4160	4141	4124	4106

asbuilt basin 1 2 and 4.txt

17. 5000	4089	4071	4055	4037	4020
17. 7500	4002	3985	3967	3949	3931
18. 0000	3913	3895	3878	3860	3842
18. 2500	3824	3806	3788	3770	3752
18. 5000	3734	3716	3698	3678	3652
18. 7500	3621	3590	3560	3531	3504
19. 0000	3477	3453	3429	3407	3385
19. 2500	3363	3342	3321	3300	3280
19. 5000	3260	3239	3219	3199	3179
19. 7500	3158	3138	3117	3096	3075
20. 0000	3055	3035	3014	2995	2975
20. 2500	2955	2935	2916	2898	2881
20. 5000	2866	2851	2838	2826	2816
20. 7500	2806	2797	2789	2782	2775
21. 0000	2769	2763	2757	2752	2747
21. 2500	2742	2738	2733	2729	2724
21. 5000	2720	2716	2712	2707	2703

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Time vs. Volume

Page 13. 25

Name. . . . BASIN3B

Tag: 25

Event: 25 yr

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . TypeII 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
21. 7500	2699	2695	2691	2686	2682
22. 0000	2678	2674	2670	2666	2661
22. 2500	2657	2653	2648	2644	2639
22. 5000	2635	2630	2625	2621	2615
22. 7500	2610	2605	2600	2596	2591
23. 0000	2586	2581	2577	2572	2567
23. 2500	2562	2557	2553	2548	2543
23. 5000	2538	2534	2529	2524	2519
23. 7500	2515	2510	2505	2500	2496
24. 0000	2491	2484	2473	2451	2410
24. 2500	2346	2257	2133	1977	1797
24. 5000	1597	1397	1209	1037	876
24. 7500	719	569	428	331	274
25. 0000	234	204	179	161	146
25. 2500	133	121	111	102	95
25. 5000	88	82	77	73	69
25. 7500	65	61	58	54	51
26. 0000	48	46	43	41	39
26. 2500	37	35	33	31	29
26. 5000	28	26	25	23	22
26. 7500	21	20	19	18	17
27. 0000	16	15	14	13	13
27. 2500	12	11	11	10	9
27. 5000	9	8	8	8	7
27. 7500	7	6	6	6	5
28. 0000	5	5	5	4	4
28. 2500	4	4	4	3	3
28. 5000	3	3	3	3	2
28. 7500	2	2	2	2	2
29. 0000	2	2	2	1	1
29. 2500	1	1	1	1	1



asbuilt basin 1 2 and 4.txt

29.5000	1	1	1	1	1
29.7500	1	1	1	1	1
30.0000	1	1	0	0	0
30.2500	0	0	0	0	0
30.5000	0	0	0	0	0
30.7500	0	0	0	0	0
31.0000	0	0	0	0	0
31.2500	0	0	0	0	0
31.5000	0	0	0	0	0
31.7500	0	0	0	0	0
32.0000	0	0	0	0	0
32.2500	0	0	0	0	0
32.5000	0	0	0	0	0

S/N:  
 PondPack Ver:                      Compute Time:                      Date:

♀  
 Type . . . Time vs. Volume                      Page 13.26  
 Name . . . BASIN3B                      Tag: 25                      Event: 25 yr  
 File . . . \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm . . . Type I I 24hr                      Tag: 25

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
32.7500	0	0	0	0	0
33.0000	0	0	0	0	0
33.2500	0	0	0	0	0
33.5000	0	0	0	0	0
33.7500	0	0	0	0	0
34.0000	0	0	0	0	0
34.2500	0	0	0	0	0
34.5000	0	0	0	0	0
34.7500	0	0	0	0	0
35.0000	0				

S/N:  
 PondPack Ver:                      Compute Time:                      Date:

♀  
 Type . . . Time vs. Volume                      Page 13.27  
 Name . . . BASIN3B                      Tag: 100                      Event: 100 yr  
 File . . . \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm . . . Type I I 24hr                      Tag: 100

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
.0000	0	0	0	0	0
.2500	0	0	0	0	0
.5000	0	0	0	0	0
.7500	0	0	0	0	0
1.0000	0	0	0	0	0
1.2500	0	0	0	0	0
1.5000	0	0	0	0	0
1.7500	0	0	0	0	0
2.0000	0	0	0	0	0
2.2500	0	0	0	0	0

asbuilt basin 1 2 and 4.txt

2. 5000	0	0	0	0	0
2. 7500	0	0	0	0	0
3. 0000	0	0	0	0	0
3. 2500	0	0	0	0	0
3. 5000	0	0	0	0	0
3. 7500	0	0	0	0	0
4. 0000	0	0	0	0	0
4. 2500	0	0	0	0	0
4. 5000	0	0	0	0	0
4. 7500	0	0	0	0	0
5. 0000	0	0	0	0	0
5. 2500	0	0	0	0	0
5. 5000	0	0	0	0	0
5. 7500	0	0	0	0	0
6. 0000	0	0	0	0	0
6. 2500	0	0	0	0	0
6. 5000	0	0	0	0	0
6. 7500	0	0	0	0	0
7. 0000	0	0	0	0	0
7. 2500	0	0	0	1	2
7. 5000	3	5	8	11	16
7. 7500	22	30	42	57	75
8. 0000	96	121	149	173	197
8. 2500	219	236	252	267	282
8. 5000	296	310	323	337	350
8. 7500	364	387	419	461	514
9. 0000	577	648	725	806	886
9. 2500	963	1039	1114	1188	1259
9. 5000	1332	1404	1478	1550	1623
9. 7500	1697	1768	1836	1903	1976
10. 0000	2057	2145	2236	2327	2417
10. 2500	2508	2604	2705	2812	2927
10. 5000	3047	3172	3289	3393	3486

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time vs. Volume

Page 13. 28

Name... BASI N3B

Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
10. 7500	3576	3663	3754	3850	3954
11. 0000	4067	4188	4317	4457	4616
11. 2500	4800	5001	5210	5436	5668
11. 5000	5917	6188	6501	6876	7340
11. 7500	7992	8928	10490	12804	15619
12. 0000	18743	21723	24454	27139	30121
12. 2500	33089	35839	38271	40280	41504
12. 5000	42168	42534	42696	42709	42613
12. 7500	42431	42181	41881	41540	41106
13. 0000	40616	40046	39317	38511	37655
13. 2500	36779	35890	34946	33922	32859
13. 5000	31793	30747	29734	28776	27863
13. 7500	27066	26378	25773	25235	24729
14. 0000	24186	23561	22893	22220	21553
14. 2500	20891	20240	19599	18968	18350

asbuilt basin 1 2 and 4.txt

14. 5000	17742	17017	16100	15083	14035
14. 7500	13016	12046	11087	10165	9394
15. 0000	8869	8455	8117	7843	7615
15. 2500	7420	7254	7114	6995	6892
15. 5000	6802	6715	6633	6556	6483
15. 7500	6411	6342	6276	6211	6149
16. 0000	6088	6028	5970	5913	5859
16. 2500	5808	5758	5711	5665	5621
16. 5000	5579	5539	5501	5466	5431
16. 7500	5398	5362	5326	5291	5257
17. 0000	5225	5193	5163	5135	5107
17. 2500	5080	5054	5029	5006	4983
17. 5000	4962	4942	4921	4900	4880
17. 7500	4858	4837	4816	4794	4773
18. 0000	4751	4729	4707	4685	4662
18. 2500	4639	4617	4594	4571	4548
18. 5000	4525	4503	4480	4458	4436
18. 7500	4414	4392	4371	4349	4327
19. 0000	4306	4284	4262	4240	4219
19. 2500	4197	4176	4155	4134	4112
19. 5000	4091	4070	4048	4027	4004
19. 7500	3981	3958	3935	3911	3888
20. 0000	3864	3840	3816	3792	3769
20. 2500	3745	3722	3699	3671	3636
20. 5000	3602	3570	3543	3519	3500
20. 7500	3483	3468	3455	3445	3435
21. 0000	3426	3419	3411	3405	3398
21. 2500	3393	3387	3381	3376	3371
21. 5000	3365	3360	3355	3350	3345

S/N:

PondPack Ver:

Compute Time:

Date:

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Type . . . Time vs. Volume

Page 13. 29

Name . . . BASI N3B

Tag: 100

Event: 100 yr

File . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm . . . Type I 24hr Tag: 100

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
21. 7500	3340	3335	3330	3325	3319
22. 0000	3314	3309	3304	3299	3294
22. 2500	3289	3284	3279	3274	3269
22. 5000	3264	3259	3253	3248	3243
22. 7500	3238	3233	3228	3223	3218
23. 0000	3213	3208	3202	3197	3192
23. 2500	3187	3182	3177	3172	3167
23. 5000	3161	3156	3151	3146	3141
23. 7500	3136	3130	3125	3120	3115
24. 0000	3109	3102	3089	3064	3019
24. 2500	2945	2830	2676	2490	2277
24. 5000	2043	1804	1569	1347	1146
24. 7500	962	794	632	480	353
25. 0000	289	243	211	184	164
25. 2500	148	134	122	112	102
25. 5000	95	88	82	77	72
25. 7500	68	64	61	57	54
26. 0000	51	48	45	43	41
26. 2500	38	36	34	32	31

asbuilt basin 1 2 and 4.txt

26. 5000	29	27	26	25	23
26. 7500	22	21	20	19	18
27. 0000	17	16	15	14	13
27. 2500	13	12	11	11	10
27. 5000	9	9	8	8	8
27. 7500	7	7	6	6	6
28. 0000	5	5	5	5	4
28. 2500	4	4	4	4	3
28. 5000	3	3	3	3	3
28. 7500	2	2	2	2	2
29. 0000	2	2	2	2	1
29. 2500	1	1	1	1	1
29. 5000	1	1	1	1	1
29. 7500	1	1	1	1	1
30. 0000	1	1	1	0	0
30. 2500	0	0	0	0	0
30. 5000	0	0	0	0	0
30. 7500	0	0	0	0	0
31. 0000	0	0	0	0	0
31. 2500	0	0	0	0	0
31. 5000	0	0	0	0	0
31. 7500	0	0	0	0	0
32. 0000	0	0	0	0	0
32. 2500	0	0	0	0	0
32. 5000	0	0	0	0	0

S/N:  
 PondPack Ver:                      Compute Time:                      Date:

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 Type . . . Time vs. Volume                      Page 13. 30  
 Name . . . BASIN3B                      Tag: 100                      Event: 100 yr  
 File . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm . . . Type I I 24hr                      Tag: 100

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
32. 7500	0	0	0	0	0
33. 0000	0	0	0	0	0
33. 2500	0	0	0	0	0
33. 5000	0	0	0	0	0
33. 7500	0	0	0	0	0
34. 0000	0	0	0	0	0
34. 2500	0	0	0	0	0
34. 5000	0	0	0	0	0
34. 7500	0	0	0	0	0
35. 0000	0				

S/N:  
 PondPack Ver:                      Compute Time:                      Date:

♀  
 Type . . . Time vs. Volume                      Page 13. 31  
 Name . . . BASIN4                      OUT                      Tag: 15                      Event: 15 yr  
 File . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm . . . Type I I 24hr                      Tag: 15

TIME vs. VOLUME (cu. ft)

Time |                      Output Time increment = .0500 hrs  
 Page 524

asbuilt basin 1 2 and 4.txt

hrs	Time on left represents time for first value in each row.				
8. 9500	0	0	0	0	0
9. 2000	0	0	0	0	0
9. 4500	0	0	0	0	0
9. 7000	0	0	0	0	0
9. 9500	0	0	0	0	0
10. 2000	0	0	0	0	0
10. 4500	1	1	1	1	1
10. 7000	1	1	1	1	1
10. 9500	2	2	2	2	3
11. 2000	3	4	5	7	8
11. 4500	11	15	21	32	59
11. 7000	140	283	496	914	1649
11. 9500	2840	4582	6856	9510	12277
12. 2000	14870	17051	18699	19807	20448
12. 4500	20718	20704	20469	20051	19495
12. 7000	18825	18065	17239	16367	15460
12. 9500	14529	13587	12641	11692	10751
13. 2000	9818	8902	8004	7132	6288
13. 4500	5476	4701	3966	3277	2639
13. 7000	2054	1529	1071	698	421
13. 9500	236	66	55	50	46
14. 2000	43	40	38	36	34
14. 4500	33	31	30	29	28
14. 7000	27	26	25	25	24
14. 9500	23	22	21	20	20
15. 2000	19	18	17	17	16
15. 4500	15	15	14	13	13
15. 7000	12	12	11	11	10
15. 9500	10	9	9	9	8
16. 2000	8	8	7	7	7
16. 4500	7	7	7	7	6
16. 7000	6	6	6	6	6
16. 9500	6	6	6	6	5
17. 2000	5	5	5	5	5
17. 4500	5	5	5	5	5
17. 7000	5	5	4	4	4
17. 9500	4	4	4	4	4
18. 2000	4	4	4	4	4
18. 4500	4	4	3	3	3
18. 7000	3	3	3	3	3
18. 9500	3	3	3	3	3
19. 2000	3	3	3	3	2
19. 4500	2	2	2	2	2

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time vs. Volume

Page 13. 32

Name... BASIN4 OUT Tag: 15

Event: 15 yr

File... \\serverprns\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
19. 7000	2	2	2	2	2
19. 9500	2	2	2	2	2
20. 2000	2	2	2	2	2

asbuilt basin 1 2 and 4.txt

20. 4500	2	2	2	2	2
20. 7000	2	2	2	2	2
20. 9500	2	2	2	2	2
21. 2000	2	2	2	2	2
21. 4500	2	2	2	2	2
21. 7000	2	2	2	2	2
21. 9500	2	2	2	2	2
22. 2000	2	2	2	2	2
22. 4500	2	2	2	2	2
22. 7000	2	2	2	2	2
22. 9500	2	2	2	2	2
23. 2000	1	1	1	1	1
23. 4500	1	1	1	1	1
23. 7000	1	1	1	1	1
23. 9500	1	1	1	1	1
24. 2000	1	1	1	0	0
24. 4500	0	0	0	0	0
24. 7000	0	0	0	0	0
24. 9500	0	0	0	0	0

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time vs. Volume

Page 13.33

Name... BASIN4 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
8. 5500	0	0	0	0	0
8. 8000	0	0	0	0	0
9. 0500	0	0	0	0	0
9. 3000	0	0	0	0	0
9. 5500	0	0	0	0	0
9. 8000	0	0	0	0	0
10. 0500	0	1	1	1	1
10. 3000	1	1	1	1	1
10. 5500	1	1	1	2	2
10. 8000	2	2	3	3	4
11. 0500	4	5	6	8	9
11. 3000	12	16	21	28	37
11. 5500	49	77	136	254	405
11. 8000	722	1289	2258	3788	5972
12. 0500	8792	12053	15450	18637	21345
12. 3000	23430	24885	25796	26275	26418
12. 5500	26298	25964	25464	24823	24076
12. 8000	23246	22351	21408	20432	19431
13. 0500	18414	17388	16358	15324	14296
13. 3000	13279	12271	11284	10312	9366
13. 5500	8441	7545	6680	5845	5047
13. 8000	4289	3576	2913	2304	1753
14. 0500	1264	851	531	308	119
14. 3000	60	56	53	50	48
14. 5500	46	45	43	42	40
14. 8000	39	38	36	35	34
15. 0500	33	32	31	30	29
15. 3000	28	27	26	25	24
15. 5500	23	22	21	20	19

asbuil t basin 1 2 and 4. txt

15. 8000	18	17	16	16	15
16. 0500	14	13	13	12	12
16. 3000	11	11	10	10	10
16. 5500	10	10	9	9	9
16. 8000	9	9	9	8	8
17. 0500	8	8	8	8	8
17. 3000	8	7	7	7	7
17. 5500	7	7	7	7	6
17. 8000	6	6	6	6	6
18. 0500	6	6	6	5	5
18. 3000	5	5	5	5	5
18. 5500	5	5	5	5	4
18. 8000	4	4	4	4	4
19. 0500	4	4	4	4	4

S/N: PondPack Ver: Compute Time: Date:

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Type... Time vs. Volume Page 13. 34  
 Name... BASIN4 OUT Tag: 25 Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs						
19. 3000	4	4	3	3	3	3
19. 5500	3	3	3	3	3	3
19. 8000	3	3	3	3	3	3
20. 0500	3	3	2	2	2	2
20. 3000	2	2	2	2	2	2
20. 5500	2	2	2	2	2	2
20. 8000	2	2	2	2	2	2
21. 0500	2	2	2	2	2	2
21. 3000	2	2	2	2	2	2
21. 5500	2	2	2	2	2	2
21. 8000	2	2	2	2	2	2
22. 0500	2	2	2	2	2	2
22. 3000	2	2	2	2	2	2
22. 5500	2	2	2	2	2	2
22. 8000	2	2	2	2	2	2
23. 0500	2	2	2	2	2	2
23. 3000	2	2	2	2	2	2
23. 5500	2	2	2	2	2	2
23. 8000	2	2	2	2	2	2
24. 0500	2	2	1	1	1	1
24. 3000	1	0	0	0	0	0
24. 5500	0	0	0	0	0	0
24. 8000	0	0	0	0	0	0
25. 0500	0	0	0	0	0	0

S/N: PondPack Ver: Compute Time: Date:

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Type... Time vs. Volume Page 13. 35  
 Name... BASIN4 OUT Tag: 100 Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 100

asbuilt basin 1 2 and 4.txt  
 TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
7. 4500	0	0	0	0	0
7. 7000	0	0	0	0	0
7. 9500	0	0	0	0	0
8. 2000	0	0	0	0	0
8. 4500	0	0	0	0	0
8. 7000	0	0	0	0	0
8. 9500	0	0	0	1	1
9. 2000	1	1	1	1	1
9. 4500	1	1	1	1	1
9. 7000	1	1	1	1	1
9. 9500	1	2	2	2	2
10. 2000	2	2	3	3	4
10. 4500	4	5	5	6	7
10. 7000	8	9	11	13	16
10. 9500	19	23	28	33	40
11. 2000	49	62	80	102	128
11. 4500	162	207	244	293	392
11. 7000	589	938	1550	2588	4249
11. 9500	6736	10170	14502	19452	24580
12. 2000	29415	33577	36882	39309	40965
12. 4500	42010	42584	42791	42701	42372
12. 7000	41846	41165	40365	39477	38520
12. 9500	37513	36462	35374	34254	33110
13. 2000	31945	30766	29579	28386	27192
13. 4500	26000	24812	23629	22453	21282
13. 7000	20121	18971	17836	16711	15605
13. 9500	14514	13443	12392	11364	10358
14. 2000	9381	8431	7513	6632	5789
14. 4500	4986	4229	3522	2870	2275
14. 7000	1741	1272	878	575	361
14. 9500	221	93	90	86	83
15. 2000	79	76	72	69	66
15. 4500	63	60	57	55	52
15. 7000	50	48	46	44	42
15. 9500	40	38	37	35	34
16. 2000	32	31	30	29	28
16. 4500	27	27	26	26	25
16. 7000	25	24	24	23	23
16. 9500	22	22	21	21	20
17. 2000	20	20	19	19	18
17. 4500	18	18	17	17	16
17. 7000	16	16	15	15	15
17. 9500	14	14	14	13	13

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time vs. Volume

Page 13. 36

Name... BASIN4 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
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asbuilt basin 1 2 and 4.txt

18. 2000	13	12	12	12	11
18. 4500	11	11	11	10	10
18. 7000	10	10	9	9	9
18. 9500	9	9	8	8	8
19. 2000	8	8	7	7	7
19. 4500	7	7	7	6	6
19. 7000	6	6	6	6	6
19. 9500	5	5	5	5	5
20. 2000	5	5	5	5	5
20. 4500	5	4	4	4	4
20. 7000	4	4	4	4	4
20. 9500	4	4	4	4	4
21. 2000	4	4	4	4	4
21. 4500	4	4	4	4	4
21. 7000	4	4	4	4	4
21. 9500	4	4	4	4	4
22. 2000	4	4	4	4	4
22. 4500	4	4	4	4	4
22. 7000	4	4	4	4	4
22. 9500	3	3	3	3	3
23. 2000	3	3	3	3	3
23. 4500	3	3	3	3	3
23. 7000	3	3	3	3	3
23. 9500	3	3	3	3	2
24. 2000	2	1	1	1	0
24. 4500	0	0	0	0	0
24. 7000	0	0	0	0	0
24. 9500	0	0	0	0	0

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Time vs. Volume

Page 13.37

Name... BASIN5 OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

9. 4000	5175	5175	5176	5177	5180
9. 6500	5184	5191	5199	5209	5221
9. 9000	5236	5253	5274	5296	5322
10. 1500	5351	5383	5418	5457	5499
10. 4000	5543	5591	5642	5696	5755
10. 6500	5815	5879	5948	6021	6097
10. 9000	6177	6263	6353	6447	6547
11. 1500	6653	6765	6886	7017	7158
11. 4000	7313	7479	7660	7861	8107
11. 6500	8443	8942	9730	10983	12935
11. 9000	15907	20248	26085	33093	40569
12. 1500	47650	53639	58302	61764	64283
12. 4000	66129	67490	68482	69170	69589
12. 6500	69773	69784	69684	69515	69295
12. 9000	69043	68758	68436	68078	67690
13. 1500	67275	66833	66369	65886	65383
13. 4000	64866	64333	63787	63226	62653
13. 6500	62066	61469	60860	60243	59614
13. 9000	58979	58334	57682	57023	56356
14. 1500	55683	55006	54323	53641	52955

asbuilt basin 1 2 and 4.txt

14. 4000	52269	51585	50900	50216	49535
14. 6500	48854	48174	47497	46821	46146
14. 9000	45474	44805	44135	43468	42805
15. 1500	42142	41482	40824	40169	39516
15. 4000	38865	38217	37573	36930	36290
15. 6500	35653	35020	34390	33762	33137
15. 9000	32517	31900	31287	30676	30069
16. 1500	29467	28871	28279	27694	27114
16. 4000	26541	25975	25418	24868	24324
16. 6500	23789	23261	22741	22230	21728
16. 9000	21232	20745	20267	19797	19337
17. 1500	18884	18440	18005	17579	17163
17. 4000	16755	16356	15966	15587	15216
17. 6500	14854	14502	14161	13827	13504
17. 9000	13191	12887	12592	12308	12033
18. 1500	11768	11513	11266	11030	10802
18. 4000	10585	10376	10177	9987	9806
18. 6500	9633	9470	9315	9172	9040
18. 9000	8919	8810	8713	8623	8542
19. 1500	8468	8402	8341	8284	8232
19. 4000	8184	8139	8098	8060	8024
19. 6500	7991	7959	7928	7900	7872
19. 9000	7846	7821	7798	7775	7753

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Type. . . . Time vs. Volume

Page 13. 38

Name. . . . BASIN5 OUT Tag: 15

Event: 15 yr

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm. . . Type I 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
20. 1500	7732	7711	7692	7674	7658
20. 4000	7642	7627	7614	7601	7589
20. 6500	7578	7568	7559	7550	7542
20. 9000	7534	7527	7521	7514	7508
21. 1500	7503	7497	7492	7487	7482
21. 4000	7478	7473	7469	7465	7461
21. 6500	7457	7454	7450	7446	7443
21. 9000	7439	7436	7432	7429	7426
22. 1500	7422	7419	7416	7413	7410
22. 4000	7407	7404	7400	7397	7394
22. 6500	7391	7388	7385	7382	7379
22. 9000	7376	7373	7370	7367	7364
23. 1500	7361	7358	7355	7352	7349
23. 4000	7346	7343	7340	7337	7334
23. 6500	7331	7328	7325	7322	7319
23. 9000	7316	7313	7310	7305	7293
24. 1500	7264	7214	7144	7059	6965
24. 4000	6868	6773	6682	6595	6513
24. 6500	6437	6366	6300	6238	6181
24. 9000	6128	6079	6034	5992	5952
25. 1500	5915	5880	5848	5818	5790
25. 4000	5764	5739	5716	5694	5673
25. 6500	5653	5634	5617	5600	5584
25. 9000	5569	5555	5541	5529	5517
26. 1500	5505	5494	5484	5475	5465

asbuilt basin 1 2 and 4.txt

26. 4000	5457	5448	5440	5432	5424
26. 6500	5417	5409	5402	5395	5389
26. 9000	5382	5376	5370	5364	5358
27. 1500	5353	5347	5342	5337	5332
27. 4000	5328	5323	5319	5314	5310
27. 6500	5306	5302	5298	5295	5291
27. 9000	5287	5284	5281	5278	5275
28. 1500	5272	5269	5266	5263	5260
28. 4000	5258	5255	5253	5251	5248
28. 6500	5246	5244	5242	5240	5238
28. 9000	5236	5234	5232	5231	5229
29. 1500	5228	5226	5224	5223	5221
29. 4000	5220	5219	5217	5216	5215
29. 6500	5214	5213	5211	5210	5209
29. 9000	5208	5207	5206	5205	5204
30. 1500	5203	5203	5202	5201	5200
30. 4000	5199	5199	5198	5197	5197
30. 6500	5196	5195	5195	5194	5194
30. 9000	5193	5192	5192		

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Date:

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Type... Time vs. Volume

Page 13.39

Name... BASIN5 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

8. 9500	5175	5175	5176	5177	5180
9. 2000	5184	5190	5199	5209	5222
9. 4500	5237	5254	5273	5295	5318
9. 7000	5344	5372	5403	5436	5472
9. 9500	5510	5549	5591	5636	5683
10. 2000	5733	5785	5840	5897	5957
10. 4500	6020	6086	6154	6225	6300
10. 7000	6378	6459	6544	6635	6729
10. 9500	6828	6933	7042	7157	7279
11. 2000	7408	7548	7700	7864	8044
11. 4500	8238	8448	8685	8974	9380
11. 7000	10009	11021	12616	15063	18735
11. 9500	24027	31069	39463	48378	56800
12. 2000	63927	69470	73044	74641	75017
12. 4500	74800	74324	73750	73163	72593
12. 7000	72066	71578	71130	70728	70357
12. 9500	70012	69695	69395	69098	68789
13. 2000	68457	68096	67712	67308	66882
13. 4500	66439	65979	65499	65006	64496
13. 7000	63971	63434	62882	62320	61746
13. 9500	61163	60567	59963	59349	58727
14. 2000	58098	57461	56823	56180	55537
14. 4500	54892	54246	53601	52955	52309
14. 7000	51664	51017	50373	49729	49084
14. 9500	48441	47799	47156	46515	45875
15. 2000	45235	44597	43959	43322	42687
15. 4500	42053	41420	40788	40158	39529
15. 7000	38901	38276	37653	37030	36410
15. 9500	35792	35176	34562	33950	33341

asbuilt basin 1 2 and 4.txt

16. 2000	32737	32135	31537	30946	30360
16. 4500	29781	29205	28637	28075	27520
16. 7000	26972	26429	25893	25365	24844
16. 9500	24330	23822	23321	22828	22343
17. 2000	21864	21393	20930	20474	20026
17. 4500	19585	19153	18729	18313	17903
17. 7000	17503	17111	16727	16351	15984
17. 9500	15626	15275	14932	14600	14275
18. 2000	13958	13651	13352	13062	12782
18. 4500	12508	12245	11989	11742	11505
18. 7000	11275	11055	10842	10639	10442
18. 9500	10255	10075	9904	9740	9584
19. 2000	9436	9296	9166	9046	8935
19. 4500	8835	8745	8663	8587	8519

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Type... Time vs. Volume

Page 13. 40

Name... BASIN5 OUT Tag: 25

Event: 25 yr

File... \\2serverprsr\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
19. 7000	8456	8398	8345	8296	8249
19. 9500	8206	8166	8128	8093	8060
20. 2000	8029	8001	7974	7948	7925
20. 4500	7904	7885	7867	7851	7835
20. 7000	7822	7809	7797	7786	7776
20. 9500	7767	7758	7750	7742	7735
21. 2000	7728	7722	7716	7710	7705
21. 4500	7700	7695	7690	7685	7680
21. 7000	7676	7672	7668	7664	7660
21. 9500	7656	7652	7648	7644	7641
22. 2000	7637	7633	7630	7626	7622
22. 4500	7619	7615	7612	7608	7605
22. 7000	7601	7598	7594	7591	7587
22. 9500	7584	7580	7577	7573	7570
23. 2000	7566	7563	7559	7556	7552
23. 4500	7549	7545	7542	7539	7535
23. 7000	7532	7528	7525	7521	7518
23. 9500	7514	7511	7505	7491	7459
24. 2000	7403	7325	7228	7122	7015
24. 4500	6908	6806	6709	6619	6533
24. 7000	6455	6382	6314	6251	6193
24. 9500	6139	6089	6044	6000	5960
25. 2000	5922	5887	5854	5824	5796
25. 4500	5769	5745	5721	5698	5677
25. 7000	5657	5638	5620	5603	5587
25. 9500	5572	5558	5544	5531	5519
26. 2000	5507	5497	5486	5476	5467
26. 4500	5458	5450	5442	5434	5426
26. 7000	5418	5411	5404	5397	5390
26. 9500	5384	5377	5371	5365	5360
27. 2000	5354	5349	5343	5338	5333
27. 4500	5329	5324	5320	5315	5311
27. 7000	5307	5303	5299	5295	5292
27. 9500	5288	5285	5282	5278	5275

asbuilt basin 1 2 and 4.txt

28. 2000	5272	5269	5266	5264	5261
28. 4500	5258	5256	5253	5251	5249
28. 7000	5247	5244	5242	5240	5238
28. 9500	5237	5235	5233	5231	5229
29. 2000	5228	5226	5225	5223	5222
29. 4500	5220	5219	5218	5216	5215
29. 7000	5214	5213	5212	5210	5209
29. 9500	5208	5207	5206	5206	5204
30. 2000	5204	5203	5202	5201	5200
30. 4500	5200	5199	5198	5197	5197

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Type... Time vs. Volume Page 13.41

Name... BASIN5 OUT Tag: 25 Event: 25 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
30. 7000	5196	5195	5195	5194	5194
30. 9500	5193	5193	5192		

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Type... Time vs. Volume Page 13.42

Name... BASIN5 OUT Tag: 100 Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
7. 9500	5175	5175	5176	5177	5180
8. 2000	5184	5190	5198	5207	5219
8. 4500	5232	5248	5266	5286	5309
8. 7000	5335	5362	5393	5427	5463
8. 9500	5500	5540	5582	5625	5671
9. 2000	5719	5768	5817	5867	5918
9. 4500	5969	6020	6071	6121	6172
9. 7000	6223	6275	6329	6383	6439
9. 9500	6496	6556	6618	6682	6748
10. 2000	6816	6887	6962	7039	7119
10. 4500	7203	7292	7382	7476	7575
10. 7000	7679	7786	7901	8022	8148
10. 9500	8283	8423	8571	8728	8893
11. 2000	9071	9266	9486	9736	10020
11. 4500	10342	10706	11126	11653	12388
11. 7000	13487	15187	17780	21644	27286
11. 9500	35229	45594	57782	70479	80032
12. 2000	84149	84596	83375	81645	79955
12. 4500	78478	77218	76141	75211	74410
12. 7000	73716	73113	72588	72135	71738
12. 9500	71387	71076	70803	70549	70305

asbuilt basin 1 2 and 4.txt

13. 2000	70073	69853	69648	69449	69246
13. 4500	69038	68819	68577	68311	68020
13. 7000	67708	67375	67023	66650	66262
13. 9500	65857	65432	64994	64540	64071
14. 2000	63591	63098	62600	62092	61581
14. 4500	61064	60544	60021	59493	58963
14. 7000	58430	57895	57356	56815	56271
14. 9500	55726	55177	54627	54073	53518
15. 2000	52960	52400	51838	51274	50709
15. 4500	50139	49571	48997	48424	47848
15. 7000	47271	46693	46111	45530	44947
15. 9500	44362	43777	43189	42600	42013
16. 2000	41423	40836	40252	39667	39087
16. 4500	38511	37936	37366	36801	36238
16. 7000	35679	35126	34575	34029	33487
16. 9500	32950	32416	31888	31364	30844
17. 2000	30329	29819	29312	28811	28316
17. 4500	27824	27338	26857	26381	25909
17. 7000	25443	24983	24527	24077	23633
17. 9500	23193	22759	22332	21909	21492
18. 2000	21082	20677	20277	19885	19498
18. 4500	19116	18742	18373	18010	17654

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Type... Time vs. Volume

Page 13. 43

Name... BASIN5 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
18. 7000	17304	16961	16625	16294	15970
18. 9500	15653	15342	15038	14741	14450
19. 2000	14167	13889	13620	13356	13099
19. 4500	12850	12607	12371	12141	11920
19. 7000	11703	11495	11292	11097	10907
19. 9500	10725	10549	10379	10217	10059
20. 2000	9910	9767	9630	9501	9380
20. 4500	9266	9163	9068	8979	8901
20. 7000	8832	8769	8714	8663	8618
20. 9500	8577	8540	8506	8477	8449
21. 2000	8425	8402	8382	8364	8347
21. 4500	8331	8316	8303	8290	8278
21. 7000	8268	8257	8248	8239	8231
21. 9500	8223	8215	8208	8201	8194
22. 2000	8188	8182	8176	8170	8165
22. 4500	8159	8154	8149	8143	8139
22. 7000	8134	8129	8124	8119	8115
22. 9500	8110	8105	8101	8096	8092
23. 2000	8087	8083	8078	8074	8070
23. 4500	8065	8061	8057	8052	8048
23. 7000	8044	8039	8035	8031	8027
23. 9500	8022	8018	8011	7992	7951
24. 2000	7879	7776	7653	7516	7378
24. 4500	7243	7113	6991	6876	6769
24. 7000	6672	6581	6497	6420	6349
24. 9500	6283	6222	6165	6114	6066

asbuilt basin 1 2 and 4.txt

25. 2000	6021	5979	5941	5904	5870
25. 4500	5839	5810	5782	5757	5732
25. 7000	5709	5688	5667	5648	5629
25. 9500	5612	5595	5579	5565	5551
26. 2000	5538	5525	5513	5502	5491
26. 4500	5481	5472	5463	5454	5446
26. 7000	5437	5430	5422	5414	5407
26. 9500	5400	5393	5387	5380	5374
27. 2000	5368	5362	5357	5351	5346
27. 4500	5341	5336	5331	5326	5322
27. 7000	5317	5313	5309	5305	5301
27. 9500	5297	5293	5290	5287	5283
28. 2000	5280	5277	5274	5271	5268
28. 4500	5265	5262	5260	5257	5255
28. 7000	5252	5250	5248	5246	5243
28. 9500	5241	5239	5237	5236	5234
29. 2000	5232	5230	5229	5227	5225
29. 4500	5224	5222	5221	5220	5218

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Type... Time vs. Volume Page 13. 44

Name... BASIN5 OUT Tag: 100 Event: 100 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
29. 7000	5217	5216	5215	5213	5212
29. 9500	5211	5210	5209	5208	5207
30. 2000	5206	5205	5204	5203	5202
30. 4500	5202	5201	5200	5199	5199
30. 7000	5198	5197	5196	5196	5195
30. 9500	5194	5194	5193	5193	5192

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Time vs. Volume Page 13. 45

Name... POND1 OUT Tag: 15 Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
3. 6500	0	0	0	0	0
3. 9000	0	18	36	54	72
4. 1500	109	145	181	235	289
4. 4000	353	425	507	588	678
4. 6500	778	887	1004	1122	1258
4. 9000	1393	1538	1683	1846	2018
5. 1500	2190	2371	2571	2770	2978
5. 4000	3196	3422	3658	3902	4156
5. 6500	4419	4691	4972	5254	5553

asbuilt basin 1 2 and 4.txt

5. 9000	5861	6170	6488	6824	7160
6. 1500	7505	7859	8213	8586	8968
6. 4000	9349	9740	10141	10550	10969
6. 6500	11387	11815	12261	12708	13154
6. 9000	13619	14084	14558	15041	15515
7. 1500	15999	16474	16958	17442	17917
7. 4000	18401	18885	19370	19854	20339
7. 6500	20824	21309	21794	22280	22774
7. 9000	23260	23755	24240	24735	25231
8. 1500	25726	26222	26727	27241	27764
8. 4000	28306	28858	29418	30007	30596
8. 6500	31203	31829	32464	33118	33791
8. 9000	34473	35174	35893	36622	37370
9. 1500	38137	38913	39689	40485	41280
9. 4000	42067	42854	43641	44420	45190
9. 6500	45941	46692	47435	48178	48931
9. 9000	49693	50483	51283	52121	52977
10. 1500	53862	54785	55745	56743	57779
10. 4000	58872	60003	61181	62397	63661
10. 6500	64983	66352	67778	69271	70831
10. 9000	72468	74191	76000	77877	79832
11. 1500	81892	84059	86351	88798	91419
11. 4000	94224	97214	100447	103982	108011
11. 6500	112932	119367	128259	140915	158778
11. 9000	183309	215906	257579	308196	365431
12. 1500	425147	482554	533894	577319	612227
12. 4000	638816	657994	670872	678494	681887
12. 6500	681816	678940	673743	666645	657982
12. 9000	648114	637271	625645	613405	600672
13. 1500	587578	574206	560583	546812	532920
13. 4000	518976	504969	490989	477038	463148
13. 6500	449320	435597	421989	408498	395140
13. 9000	381930	368877	356001	343268	330731
14. 1500	318387	306233	294267	282540	271028

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Type... Time vs. Volume

Page 13. 46

Name... POND1 OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
14. 4000	259748	248719	237948	227655	218126
14. 6500	209321	201214	193695	186759	180292
14. 9000	174299	168728	163526	158680	154158
15. 1500	149910	145935	142210	138716	135412
15. 4000	132298	129362	126586	123967	121478
15. 6500	119116	116863	114719	112672	110724
15. 9000	108864	107091	105378	103733	102147
16. 1500	100619	99149	97738	96385	95090
16. 4000	93843	92645	91504	90412	89358
16. 6500	88342	87375	86436	85546	84684
16. 9000	83860	83065	82308	81571	80871
17. 1500	80191	79529	78897	78292	77698
17. 4000	77132	76575	76038	75519	75010
17. 6500	74511	74030	73560	73089	72637



asbuilt basin 1 2 and 4.txt

17. 9000	72195	71762	71329	70916	70502
18. 1500	70098	69703	69308	68923	68548
18. 4000	68172	67806	67440	67083	66736
18. 6500	66380	66033	65695	65358	65020
18. 9000	64692	64364	64036	63708	63390
19. 1500	63071	62763	62444	62135	61827
19. 4000	61518	61209	60910	60601	60302
19. 6500	60003	59694	59395	59096	58788
19. 9000	58489	58181	57873	57574	57266
20. 1500	56967	56659	56361	56062	55773
20. 4000	55484	55204	54924	54663	54402
20. 6500	54151	53909	53666	53443	53219
20. 9000	53005	52800	52595	52400	52214
21. 1500	52027	51851	51674	51506	51348
21. 4000	51190	51032	50883	50743	50595
21. 6500	50464	50325	50195	50074	49944
21. 9000	49823	49702	49590	49479	49367
22. 1500	49256	49154	49042	48940	48838
22. 4000	48745	48642	48550	48457	48364
22. 6500	48271	48187	48094	48011	47927
22. 9000	47844	47760	47676	47593	47509
23. 1500	47435	47351	47277	47194	47119
23. 4000	47045	46971	46897	46822	46748
23. 6500	46674	46609	46535	46460	46395
23. 9000	46321	46247	46182	46099	45987
24. 1500	45811	45542	45152	44633	43984
24. 4000	43243	42410	41530	40605	39662
24. 6500	38709	37767	36835	35921	35035
24. 9000	34159	33321	32501	31709	30945
25. 1500	30209	29492	28793	28113	27461

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Compute Time:

Date:

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Type... Time vs. Volume Page 13. 47

Name... POND1 OUT Tag: 15 Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
25. 4000	26818	26203	25598	25020	24451
25. 6500	23910	23379	22866	22362	21877
25. 9000	21410	20961	20522	20092	19681
26. 1500	19287	18894	18520	18154	17807
26. 4000	17460	17131	16811	16501	16200
26. 6500	15908	15625	15351	15087	14831
26. 9000	14576	14321	14075	13838	13601
27. 1500	13364	13136	12917	12689	12471
27. 4000	12261	12052	11842	11642	11442
27. 6500	11251	11051	10869	10677	10495
27. 9000	10314	10141	9968	9795	9631
28. 1500	9468	9304	9140	8986	8831
28. 4000	8677	8531	8386	8241	8104
28. 6500	7968	7832	7695	7559	7432
28. 9000	7305	7178	7060	6942	6815
29. 1500	6706	6588	6479	6361	6252
29. 4000	6152	6043	5943	5834	5734
29. 6500	5644	5544	5453	5353	5263

asbuilt basin 1 2 and 4.txt

29. 9000	5172	5090	5000	4918	4827
30. 1500	4746	4664	4582	4510	4428
30. 4000	4356	4283	4211	4138	4066
30. 6500	3993	3930	3857	3794	3730
30. 9000	3667	3603	3540	3486	3422
31. 1500	3368	3304	3250	3196	3141
31. 4000	3087	3033	2978	2933	2879
31. 6500	2833	2779	2734	2688	2643
31. 9000	2598	2552	2507	2471	2426
32. 1500	2380	2344	2299	2263	2226
32. 4000	2190	2154	2109	2072	2045
32. 6500	2009	1973	1937	1909	1873
32. 9000	1837	1810	1783	1746	1719
33. 1500	1692	1656	1629	1602	1574
33. 4000	1547	1520	1493	1475	1448
33. 6500	1421	1393	1375	1348	1330
33. 9000	1303	1285	1258	1240	1221
34. 1500	1194	1176	1158	1140	1113
34. 4000	1095	1077	1059	1040	1022
34. 6500	1004	986	977	959	941
34. 9000	923	905	896	878	859
35. 1500	850	832	823	805	796
35. 4000	778	769	751	742	724
35. 6500	715	706	688	678	669
35. 9000	651	642	633	624	615
36. 1500	597	588	579	570	561

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Type . . . Time vs. Volume

Page 13. 48

Name . . . POND1 OUT Tag: 15

Event: 15 yr

File . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm . . . Type I 24hr Tag: 15

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
36. 4000	552	543	534	525	516
36. 6500	507	498	488	479	470
36. 9000	461	452	442	443	434
37. 1500	425	416	416	407	398
37. 4000	389	380	380	371	362
37. 6500	362	353	344	344	335
37. 9000	326	326	317	317	308
38. 1500	298	298	289	289	280
38. 4000	280	271	271	262	262
38. 6500	253	253	244	244	235
38. 9000	235	226	226	217	217
39. 1500	217	208	208	199	199
39. 4000	199	190	190	190	181
39. 6500	181	181	172	172	172
39. 9000	163	163	163	154	154
40. 1500	154	145	145	145	145
40. 4000	136	136	136	136	127
40. 6500	127	127	127	118	118
40. 9000	118	118	118	109	109
41. 1500	109	109	99	99	99
41. 4000	99	99	99	90	90
41. 6500	90	90	90	90	81

asbuilt basin 1 2 and 4.txt

41. 9000	81	81	81	81	81
42. 1500	72	72	72	72	72
42. 4000	72	72	63	63	63
42. 6500	63	63	63	63	63
42. 9000	63	54	54	54	54
43. 1500	54	54	54	54	54
43. 4000	45	45	45	45	45
43. 6500	45	45	45	45	45
43. 9000	45	45	36	36	36
44. 1500	36	36	36	36	36
44. 4000	36	36	36	36	36
44. 6500	36	36	27		

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Date:

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Type... Time vs. Volume

Page 13.49

Name... POND1 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
3. 4000	0	0	0	0	0
3. 6500	18	27	45	72	99
3. 9000	145	190	244	308	371
4. 1500	452	534	624	733	841
4. 4000	950	1077	1212	1357	1502
4. 6500	1656	1828	2000	2190	2380
4. 9000	2589	2797	3023	3250	3495
5. 1500	3748	4011	4274	4555	4845
5. 4000	5145	5453	5771	6097	6433
5. 6500	6787	7141	7505	7877	8259
5. 9000	8650	9049	9459	9877	10304
6. 1500	10741	11178	11633	12097	12562
6. 4000	13036	13528	14020	14521	15032
6. 6500	15534	16045	16556	17067	17579
6. 9000	18090	18611	19123	19644	20156
7. 1500	20678	21199	21721	22243	22765
7. 4000	23287	23819	24341	24873	25405
7. 6500	25937	26469	27002	27535	28077
7. 9000	28609	29152	29694	30228	30761
8. 1500	31295	31829	32372	32906	33459
8. 4000	34021	34593	35183	35792	36410
8. 6500	37056	37712	38395	39098	39819
8. 9000	40559	41317	42095	42900	43716
9. 1500	44559	45403	46256	47110	47964
9. 4000	48810	49655	50483	51302	52102
9. 6500	52893	53685	54468	55260	56062
9. 9000	56874	57714	58582	59479	60414
10. 1500	61368	62360	63390	64458	65573
10. 4000	66736	67947	69215	70540	71913
10. 6500	73343	74850	76405	78037	79728
10. 9000	81514	83377	85337	87384	89529
11. 1500	91789	94157	96652	99321	102185
11. 4000	105263	108547	112077	115949	120378
11. 6500	125803	132909	142775	156825	176645
11. 9000	203879	240109	287168	344794	409824
12. 1500	477573	542759	601202	650841	690988

asbuilt basin 1 2 and 4. txt

12. 4000	721897	744538	760137	769913	774942
12. 6500	776107	774125	769542	762807	754314
12. 9000	744442	733452	721565	708955	695770
13. 1500	682145	668167	653897	639398	624741
13. 4000	609976	595137	580251	565362	550518
13. 6500	535718	520973	506306	491751	477294
13. 9000	462981	448777	434725	420813	407075

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Type . . . . Time vs. Volume

Page 13. 50

Name . . . . POND1 OUT Tag: 25

Event: 25 yr

File . . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm . . . Type I 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
14. 1500	393485	380056	366830	353804	340977
14. 4000	328367	315993	303872	291961	280318
14. 6500	268941	257795	246919	236319	226226
14. 9000	216945	208367	200462	193136	186371
15. 1500	180064	174220	168777	163693	158954
15. 4000	154530	150370	146462	142805	139368
15. 6500	136121	133044	130147	127408	124807
15. 9000	122346	119993	117749	115613	113566
16. 1500	111616	109755	107982	106287	104651
16. 4000	103092	101602	100189	98825	97538
16. 6500	96309	95128	94014	92940	91922
16. 9000	90944	90003	89102	88238	87403
17. 1500	86598	85820	85081	84362	83671
17. 4000	82999	82355	81731	81126	80540
17. 6500	79964	79416	78878	78358	77849
17. 9000	77358	76877	76405	75953	75500
18. 1500	75057	74624	74191	73767	73352
18. 4000	72948	72543	72138	71743	71358
18. 6500	70972	70596	70220	69844	69478
18. 9000	69111	68745	68388	68031	67684
19. 1500	67327	66980	66633	66295	65948
19. 4000	65611	65273	64936	64608	64270
19. 6500	63942	63615	63287	62959	62631
19. 9000	62313	61986	61668	61349	61031
20. 1500	60713	60395	60087	59769	59461
20. 4000	59162	58863	58573	58293	58022
20. 6500	57761	57499	57247	57005	56771
20. 9000	56538	56323	56109	55904	55698
21. 1500	55503	55316	55130	54952	54775
21. 4000	54608	54449	54281	54132	53983
21. 6500	53834	53685	53545	53415	53275
21. 9000	53145	53014	52893	52772	52651
22. 1500	52530	52418	52307	52195	52083
22. 4000	51981	51879	51776	51674	51571
22. 6500	51469	51376	51283	51181	51088
22. 9000	50995	50911	50818	50725	50641
23. 1500	50557	50464	50381	50297	50213
23. 4000	50130	50046	49972	49888	49804
23. 6500	49730	49646	49572	49488	49414
23. 9000	49339	49256	49181	49088	48968
24. 1500	48782	48475	48048	47481	46776

asbuilt basin 1 2 and 4. txt

24. 4000	45969	45078	44123	43123	42095
24. 6500	41067	40041	39033	38035	37065
24. 9000	36115	35201	34307	33450	32611

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Type... Time vs. Volume

Page 13. 51

Name... POND1 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
25. 1500	31810	31037	30292	29575	28867
25. 4000	28187	27525	26883	26258	25662
25. 6500	25075	24506	23956	23425	22912
25. 9000	22408	21932	21456	21007	20568
26. 1500	20138	19726	19324	18931	18556
26. 4000	18191	17843	17496	17168	16839
26. 6500	16528	16227	15935	15652	15379
26. 9000	15114	14850	14594	14348	14102
27. 1500	13856	13619	13391	13163	12935
27. 4000	12717	12498	12280	12070	11861
27. 6500	11660	11460	11269	11069	10887
27. 9000	10696	10514	10332	10159	9986
28. 1500	9813	9640	9477	9313	9159
28. 4000	9004	8849	8695	8550	8404
28. 6500	8259	8113	7977	7841	7705
28. 9000	7577	7441	7314	7196	7069
29. 1500	6951	6833	6715	6597	6488
29. 4000	6379	6270	6161	6052	5952
29. 6500	5852	5753	5653	5553	5462
29. 9000	5362	5272	5181	5099	5009
30. 1500	4918	4836	4755	4673	4592
30. 4000	4519	4437	4365	4292	4220
30. 6500	4147	4075	4002	3939	3866
30. 9000	3803	3739	3676	3612	3549
31. 1500	3486	3431	3368	3313	3259
31. 4000	3196	3141	3087	3042	2987
31. 6500	2933	2888	2833	2788	2743
31. 9000	2697	2643	2598	2561	2516
32. 1500	2471	2426	2389	2344	2308
32. 4000	2272	2226	2190	2154	2118
32. 6500	2081	2045	2009	1973	1946
32. 9000	1909	1873	1846	1810	1783
33. 1500	1756	1719	1692	1665	1638
33. 4000	1611	1584	1556	1529	1502
33. 6500	1475	1448	1421	1402	1375
33. 9000	1348	1330	1303	1285	1267
34. 1500	1240	1221	1203	1176	1158
34. 4000	1140	1122	1104	1086	1059
34. 6500	1040	1022	1013	995	977
34. 9000	959	941	923	914	896
35. 1500	878	868	850	832	823
35. 4000	805	796	778	769	751
35. 6500	742	724	715	706	688
35. 9000	678	669	660	642	633

asbuilt basin 1 2 and 4.txt

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Type... Time vs. Volume

Page 13.52

Name... POND1 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs	624	615	606	588	579
36. 1500	624	615	606	588	579
36. 4000	570	561	552	543	534
36. 6500	525	516	507	498	488
36. 9000	479	470	461	461	452
37. 1500	443	434	425	416	416
37. 4000	407	398	389	389	380
37. 6500	371	362	362	353	344
37. 9000	344	335	326	326	317
38. 1500	317	308	298	298	289
38. 4000	289	280	280	271	271
38. 6500	262	262	253	253	244
38. 9000	244	235	235	226	226
39. 1500	226	217	217	208	208
39. 4000	208	199	199	190	190
39. 6500	190	181	181	181	172
39. 9000	172	172	163	163	163
40. 1500	154	154	154	154	145
40. 4000	145	145	136	136	136
40. 6500	136	127	127	127	127
40. 9000	118	118	118	118	118
41. 1500	109	109	109	109	109
41. 4000	99	99	99	99	99
41. 6500	90	90	90	90	90
41. 9000	90	81	81	81	81
42. 1500	81	81	72	72	72
42. 4000	72	72	72	72	63
42. 6500	63	63	63	63	63
42. 9000	63	63	63	54	54
43. 1500	54	54	54	54	54
43. 4000	54	54	45	45	45
43. 6500	45	45	45	45	45
43. 9000	45	45	45	45	36
44. 1500	36	36	36	36	36
44. 4000	36	36	36	36	36
44. 6500	36	36	36	36	27

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Type... Time vs. Volume

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Name... POND1 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

TIME vs. VOLUME (cu. ft)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
Time hrs					

asbuilt basin 1 2 and 4.txt

2. 8000	0	0	0	0	0
3. 0500	0	27	45	72	99
3. 3000	145	199	262	344	425
3. 5500	525	633	751	878	1013
3. 8000	1167	1321	1493	1674	1873
4. 0500	2072	2290	2516	2752	2996
4. 3000	3259	3531	3821	4111	4419
4. 5500	4746	5072	5417	5780	6143
4. 8000	6524	6924	7323	7741	8168
5. 0500	8604	9059	9522	9995	10477
5. 3000	10978	11487	12006	12535	13081
5. 5500	13628	14193	14767	15342	15926
5. 8000	16501	17085	17679	18264	18858
6. 0500	19452	20056	20650	21254	21858
6. 3000	22472	23076	23690	24305	24928
6. 5500	25552	26167	26800	27424	28058
6. 8000	28692	29326	29961	30596	31221
7. 0500	31847	32473	33090	33717	34325
7. 3000	34943	35552	36161	36770	37379
7. 5500	37989	38589	39190	39791	40392
7. 8000	40993	41586	42187	42780	43373
8. 0500	43966	44559	45162	45746	46349
8. 3000	46952	47565	48197	48838	49507
8. 5500	50195	50911	51655	52418	53201
8. 8000	54020	54859	55726	56622	57537
9. 0500	58480	59451	60433	61424	62426
9. 3000	63427	64430	65414	66389	67355
9. 5500	68294	69224	70126	71028	71922
9. 8000	72816	73729	74671	75632	76622
10. 0500	77641	78708	79813	80965	82166
10. 3000	83425	84741	86114	87565	89083
10. 5500	90659	92312	94014	95804	97662
10. 8000	99617	101669	103819	106086	108452
11. 0500	110916	113508	116228	119097	122143
11. 3000	125377	128849	132579	136597	140905
11. 5500	145622	151045	157737	166569	178884
11. 8000	196491	221368	256028	303799	366388
12. 0500	442424	527784	616594	702187	779279
12. 3000	845276	899290	941661	973587	996646
12. 5500	1012318	1021935	1026681	1027384	1024754
12. 8000	1019347	1011682	1002189	991237	979050
13. 0500	965904	951946	937347	922214	906653
13. 3000	890705	874463	858004	841367	824605

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Type... Time vs. Volume

Page 13. 54

Name... POND1 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
13. 5500	807732	790810	773861	756896	739950
13. 8000	723036	706178	689376	672641	655998
14. 0500	639444	622992	606653	590448	574366
14. 3000	558440	542679	527095	511707	496514

asbuilt basin 1 2 and 4.txt

14. 5500	481537	466763	452223	437893	423805
14. 8000	409955	396317	382916	369760	356848
15. 0500	344164	331728	319547	307587	295876
15. 3000	284432	273210	262239	251536	241057
15. 5500	230972	221550	212843	204812	197361
15. 8000	190463	184054	178091	172539	167357
16. 0500	162502	157963	153717	149715	145954
16. 3000	142425	139115	135995	133044	130282
16. 5500	127678	125233	122925	120745	118683
16. 8000	116738	114892	113153	111501	109947
17. 0500	108461	107063	105722	104450	103226
17. 3000	102061	100953	99884	98873	97900
17. 5500	96966	96061	95204	94376	93586
17. 8000	92816	92074	91362	90668	89994
18. 0500	89339	88703	88086	87479	86891
18. 3000	86313	85745	85195	84655	84135
18. 5500	83614	83112	82611	82119	81646
18. 8000	81173	80701	80247	79794	79350
19. 0500	78915	78481	78047	77622	77207
19. 3000	76792	76377	75972	75576	75170
19. 5500	74765	74360	73965	73569	73164
19. 8000	72769	72374	71978	71583	71198
20. 0500	70803	70408	70023	69637	69252
20. 3000	68876	68510	68144	67797	67449
20. 5500	67121	66792	66483	66183	65892
20. 8000	65611	65348	65086	64833	64589
21. 0500	64355	64130	63914	63699	63493
21. 3000	63296	63109	62922	62744	62566
21. 5500	62397	62238	62079	61920	61770
21. 8000	61621	61480	61340	61200	61069
22. 0500	60938	60816	60685	60564	60452
22. 3000	60330	60218	60096	59984	59872
22. 5500	59769	59657	59545	59442	59339
22. 8000	59227	59124	59022	58919	58816
23. 0500	58713	58620	58517	58424	58321
23. 3000	58228	58125	58031	57938	57835
23. 5500	57742	57649	57555	57462	57369
23. 8000	57275	57182	57098	57005	56911
24. 0500	56799	56650	56417	56044	55512
24. 3000	54813	53937	52940	51832	50650

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Type... Time vs. Volume

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Name... POND1 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
24. 5500	49423	48187	46943	45718	44503
24. 8000	43308	42141	41012	39902	38830
25. 0500	37795	36798	35829	34897	34003
25. 3000	33136	32308	31507	30734	29998
25. 5500	29280	28582	27911	27250	26616
25. 8000	26001	25405	24827	24268	23727
26. 0500	23205	22701	22206	21730	21263
26. 3000	20815	20376	19955	19553	19159



asbuilt basin 1 2 and 4.txt

26. 5500	18776	18401	18044	17688	17350
26. 8000	17031	16711	16401	16099	15817
27. 0500	15534	15260	14996	14740	14494
27. 3000	14239	14002	13755	13519	13291
27. 5500	13063	12835	12617	12407	12188
27. 8000	11979	11779	11578	11378	11187
28. 0500	10996	10805	10623	10441	10259
28. 3000	10086	9913	9740	9577	9413
28. 5500	9249	9095	8931	8786	8631
28. 8000	8486	8341	8195	8059	7923
29. 0500	7786	7650	7523	7387	7269
29. 3000	7141	7014	6896	6778	6660
29. 5500	6551	6442	6324	6224	6116
29. 8000	6007	5907	5807	5707	5607
30. 0500	5517	5417	5326	5235	5145
30. 3000	5054	4972	4891	4800	4718
30. 5500	4637	4564	4483	4410	4329
30. 8000	4256	4184	4111	4038	3975
31. 0500	3902	3839	3776	3712	3649
31. 3000	3585	3522	3458	3404	3341
31. 5500	3286	3232	3177	3123	3069
31. 8000	3014	2969	2915	2860	2815
32. 0500	2770	2725	2670	2625	2580
32. 3000	2543	2498	2453	2407	2371
32. 5500	2326	2290	2254	2208	2172
32. 8000	2136	2100	2063	2027	1991
33. 0500	1964	1928	1891	1864	1828
33. 3000	1801	1765	1737	1710	1683
33. 5500	1647	1620	1593	1565	1538
33. 8000	1511	1493	1466	1439	1412
34. 0500	1393	1366	1339	1321	1294
34. 3000	1276	1258	1230	1212	1194
34. 5500	1167	1149	1131	1113	1095
34. 8000	1077	1059	1040	1022	1004
35. 0500	986	968	950	932	923
35. 3000	905	887	868	859	841

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Time vs. Volume

Page 13.56

Name... POND1 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

TIME vs. VOLUME (cu. ft)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
35. 5500	832	814	805	787	778
35. 8000	760	751	733	724	706
36. 0500	697	688	678	660	651
36. 3000	642	633	615	606	597
36. 5500	588	579	570	561	552
36. 8000	543	534	525	516	507
37. 0500	498	488	479	470	461
37. 3000	452	443	434	434	425
37. 5500	416	407	398	398	389
37. 8000	380	380	371	362	353
38. 0500	353	344	335	335	326
38. 3000	326	317	308	308	298

asbuilt basin 1 2 and 4.txt

38. 5500	298	289	289	280	271
38. 8000	271	262	262	253	253
39. 0500	244	244	244	235	235
39. 3000	226	226	217	217	217
39. 5500	208	208	199	199	199
39. 8000	190	190	190	181	181
40. 0500	172	172	172	163	163
40. 3000	163	163	154	154	154
40. 5500	145	145	145	145	136
40. 8000	136	136	136	127	127
41. 0500	127	127	118	118	118
41. 3000	118	109	109	109	109
41. 5500	109	99	99	99	99
41. 8000	99	90	90	90	90
42. 0500	90	90	81	81	81
42. 3000	81	81	81	81	72
42. 5500	72	72	72	72	72
42. 8000	72	63	63	63	63
43. 0500	63	63	63	63	54
43. 3000	54	54	54	54	54
43. 5500	54	54	54	54	45
43. 8000	45	45	45	45	45
44. 0500	45	45	45	45	45
44. 3000	45	36	36	36	36
44. 5500	36	36	36	36	36
44. 8000	36	36	36	36	36
45. 0500	27	27			

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type . . . Vol : El ev-Area  
Name . . . BASIN2

Page 14. 01

File . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

El evation (ft)	Pl animeter (sq. in)	Area (sq. ft)	A1+A2+sq r(A1*A2) (sq. ft)	Vol ume (cu. ft)	Vol ume Sum (cu. ft)
572. 99	-----	1	0	0	0
573. 50	-----	5	8	1	1
574. 00	-----	357	404	67	69
576. 00	-----	9270	11446	7631	7700
578. 00	-----	12139	32017	21345	29044
580. 00	-----	15415	41233	27489	56533
582. 00	-----	19011	51545	34363	90896
583. 00	-----	20895	59837	19946	110842

POND VOLUME EQUATIONS

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

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

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

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Vol : El ev-Area  
Name. . . . BASI N3A

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASI N 1 2 AND  
4. PPW

El evati on (ft)	Pl ani meter (sq. i n)	Area (sq. ft)	A1+A2+sqr(A1*A2) (sq. ft)	Vol ume (cu. ft)	Vol ume Sum (cu. ft)
565. 00	-----	5	0	0	0
566. 00	-----	5433	5603	1868	1868
568. 00	-----	23510	40245	26830	28697
570. 00	-----	37034	90051	60034	88732
572. 00	-----	63604	149172	99448	188179
574. 00	-----	75965	209079	139386	327565

POND VOLUME EQUATIONS

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

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

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

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Vol : El ev-Area  
Name. . . . BASI N3B

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASI N 1 2 AND  
4. PPW

El evati on (ft)	Pl ani meter (sq. i n)	Area (sq. ft)	A1+A2+sqr(A1*A2) (sq. ft)	Vol ume (cu. ft)	Vol ume Sum (cu. ft)
563. 50	-----	5	0	0	0
564. 00	-----	2100	2207	368	368
566. 00	-----	7659	13769	9180	9548
568. 00	-----	10448	27052	18035	27583
570. 00	-----	14963	37914	25276	52859

POND VOLUME EQUATIONS

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

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

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

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Vol : El ev-Area

asbuilt basin 1 2 and 4.txt

Name... BASIN4

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

Elevation (ft)	Plani meter (sq. in)	Area (sq. ft)	A1+A2+sqr(A1*A2) (sq. ft)	Volume (cu. ft)	Volume Sum (cu. ft)
578.50	-----	1	0	0	0
579.00	-----	5	8	1	1
580.00	-----	1737	1835	612	613
582.00	-----	5151	9879	6586	7199
584.00	-----	9294	21364	14243	21442
586.00	-----	14466	35355	23570	45012
588.00	-----	20238	51814	34543	79555

POND VOLUME EQUATIONS

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

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

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Vol: El ev-Area

Page 14.05

Name... BASIN5

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

Elevation (ft)	Plani meter (sq. in)	Area (sq. ft)	A1+A2+sqr(A1*A2) (sq. ft)	Volume (cu. ft)	Volume Sum (cu. ft)
546.00	-----	1175	0	0	0
548.00	-----	2289	5104	3403	3403
550.00	-----	3825	9073	6049	9451
552.00	-----	5613	14072	9381	18832
554.00	-----	7657	19826	13217	32050
556.00	-----	9967	26360	17573	49623
558.00	-----	12523	33662	22441	72064
560.00	-----	15541	42015	28010	100074

POND VOLUME EQUATIONS

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

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

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Vol: Elev-Area  
Name... POND1

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

Elevation (ft)	Planimeter (sq. in)	Area (sq. ft)	A1+A2+sq r(A1*A2) (sq. ft)	Volume (cu. ft)	Volume Sum (cu. ft)
599.48	-----	148186	0	0	0
600.00	-----	154693	454284	78745	78745
602.00	-----	179758	501206	334138	412883
604.00	-----	197427	565570	377047	789930
606.00	-----	217787	622571	415048	1204977
606.50	-----	221570	659027	109838	1314815

POND VOLUME EQUATIONS

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

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

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

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Outlet Input Data  
Name... Outlet 1

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

REQUESTED POND WS ELEVATIONS:

Min. Elev. = 599.48 ft  
Increment = .10 ft  
Max. Elev. = 606.50 ft

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

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

Structure	No.	Outfall	E1, ft	E2, ft
Inlet Box TW SETUP, DS Channel	OF	----> TW	599.480	606.500

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Outlet Input Data

asbuilt basin 1 2 and 4.txt

Name... Outlet 1

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

OUTLET STRUCTURE INPUT DATA

```

Structure ID      = OF
Structure Type    = Inlet Box
-----
# of Openings    = 1
Invert Elev.     = 599.48 ft
Orifice Area     = 14.0000 sq. ft
Orifice Coeff.   = .600
Weir Length      = 15.00 ft
Weir Coeff.      = 3.000
K, Reverse       = 1.000
Mannings n       = .0000
Kev, Charged Riser = .000
Weir Submergence = No
Orifice H to crest = Yes

```

```

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

```

FREE OUTFALL CONDITIONS SPECIFIED

```

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

```

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves  
Name... Outlet 1

Page 15.03

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

```

Structure ID = OF (Inlet Box)
-----
Upstream ID = (Pond Water Surface)
DNstream ID = TW (Pond Outfall)

```

WS Elev, Device Q		Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages Page 550

asbuilt basin 1 2 and 4.txt

599.48	.00	Free Outfall	
		Weir: H = .00ft	
599.58	1.42	Free Outfall	
		Weir: H = .10ft	
599.68	4.03	Free Outfall	
		Weir: H = .20ft	
599.78	7.39	Free Outfall	
		Weir: H = .30ft	
599.88	11.39	Free Outfall	
		Weir: H = .40ft	
599.98	15.91	Free Outfall	
		Weir: H = .50ft	
600.08	20.91	Free Outfall	
		Weir: H = .60ft	
600.18	26.36	Free Outfall	
		Weir: H = .70ft	
600.28	32.20	Free Outfall	
		Weir: H = .80ft	
600.38	38.42	Free Outfall	
		Weir: H = .90ft	
600.48	45.00	Free Outfall	
		Weir: H = 1.00ft	
600.58	51.91	Free Outfall	
		Weir: H = 1.10ft	
600.68	59.15	Free Outfall	
		Weir: H = 1.20ft	
600.78	66.70	Free Outfall	
		Weir: H = 1.30ft	
600.88	74.54	Free Outfall	
		Weir: H = 1.40ft	
600.98	82.53	Free Outfall	
		Orifice: H = 1.50; Riser orifice equation controlling.	
601.08	85.23	Free Outfall	
		Orifice: H = 1.60; Riser orifice equation controlling.	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Individual Outlet Curves

Page 15.04

Name... Outlet 1

File... \\2serverpr\ PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Inlet Box)

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft	Computati on Messages
601.18	87.86	Free Outfall	
		Orifice: H = 1.70;	Riser orifice equation controlling.
601.28	90.40	Free Outfall	
		Orifice: H = 1.80;	Riser orifice equation controlling.

asbuilt basin 1 2 and 4.txt

601.38	92.88	Free Outfall	
		Orifice: H =1.90;	Riser orifice equation controlling.
601.48	95.29	Free Outfall	
		Orifice: H =2.00;	Riser orifice equation controlling.
601.58	97.65	Free Outfall	
		Orifice: H =2.10;	Riser orifice equation controlling.
601.68	99.94	Free Outfall	
		Orifice: H =2.20;	Riser orifice equation controlling.
601.78	102.19	Free Outfall	
		Orifice: H =2.30;	Riser orifice equation controlling.
601.88	104.39	Free Outfall	
		Orifice: H =2.40;	Riser orifice equation controlling.
601.98	106.54	Free Outfall	
		Orifice: H =2.50;	Riser orifice equation controlling.
602.08	108.65	Free Outfall	
		Orifice: H =2.60;	Riser orifice equation controlling.
602.18	110.72	Free Outfall	
		Orifice: H =2.70;	Riser orifice equation controlling.
602.28	112.75	Free Outfall	
		Orifice: H =2.80;	Riser orifice equation controlling.
602.38	114.75	Free Outfall	
		Orifice: H =2.90;	Riser orifice equation controlling.
602.48	116.71	Free Outfall	
		Orifice: H =3.00;	Riser orifice equation controlling.
602.58	118.64	Free Outfall	
		Orifice: H =3.10;	Riser orifice equation controlling.
602.68	120.54	Free Outfall	
		Orifice: H =3.20;	Riser orifice equation controlling.
602.78	122.41	Free Outfall	
		Orifice: H =3.30;	Riser orifice equation controlling.

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Individual Outlet Curves

Page 15.05

Name... Outlet 1

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Inlet Box)

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. Q	TW Elev Converge	Computati on Messages
ft cfs	ft +/-ft	
602.88	124.25	Free Outfall
		Orifice: H =3.40;
602.98	126.06	Free Outfall
		Orifice: H =3.50;
603.08	127.85	Free Outfall
		Orifice: H =3.60;
603.18	129.61	Free Outfall
		Orifice: H =3.70;
603.28	131.35	Free Outfall



asbuilt basin 1 2 and 4.txt

603.38 133.07 Ori fi ce: H =3.80; Ri ser ori fi ce equati on controll ing.  
 Free Outfall  
 603.48 134.76 Ori fi ce: H =3.90; Ri ser ori fi ce equati on controll ing.  
 Free Outfall  
 603.58 136.44 Ori fi ce: H =4.00; Ri ser ori fi ce equati on controll ing.  
 Free Outfall  
 603.68 138.09 Ori fi ce: H =4.10; Ri ser ori fi ce equati on controll ing.  
 Free Outfall  
 603.78 139.73 Ori fi ce: H =4.20; Ri ser ori fi ce equati on controll ing.  
 Free Outfall  
 603.88 141.34 Ori fi ce: H =4.30; Ri ser ori fi ce equati on controll ing.  
 Free Outfall  
 603.98 142.94 Ori fi ce: H =4.40; Ri ser ori fi ce equati on controll ing.  
 Free Outfall  
 604.08 144.52 Ori fi ce: H =4.50; Ri ser ori fi ce equati on controll ing.  
 Free Outfall  
 604.18 146.08 Ori fi ce: H =4.60; Ri ser ori fi ce equati on controll ing.  
 Free Outfall  
 604.28 147.63 Ori fi ce: H =4.70; Ri ser ori fi ce equati on controll ing.  
 Free Outfall  
 604.38 149.16 Ori fi ce: H =4.80; Ri ser ori fi ce equati on controll ing.  
 Free Outfall  
 604.48 150.67 Ori fi ce: H =4.90; Ri ser ori fi ce equati on controll ing.  
 Free Outfall  
 Ori fi ce: H =5.00; Ri ser ori fi ce equati on controll ing.

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Individual Outlet Curves

Page 15.06

Name... Outlet 1

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Inlet Box)

Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft
Computati on Messages		
604.58	152.17	Free Outfall Ori fi ce: H =5.10; Ri ser ori fi ce equati on controll ing.
604.68	153.66	Free Outfall Ori fi ce: H =5.20; Ri ser ori fi ce equati on controll ing.
604.78	155.13	Free Outfall Ori fi ce: H =5.30; Ri ser ori fi ce equati on controll ing.
604.88	156.58	Free Outfall Ori fi ce: H =5.40; Ri ser ori fi ce equati on controll ing.
604.98	158.03	Free Outfall Ori fi ce: H =5.50; Ri ser ori fi ce equati on controll ing.
605.08	159.46	Free Outfall Ori fi ce: H =5.60; Ri ser ori fi ce equati on controll ing.
605.18	160.87	Free Outfall Ori fi ce: H =5.70; Ri ser ori fi ce equati on controll ing.

asbuilt basin 1 2 and 4.txt

605.28	162.28	Free Outfall	
		Orifice: H =5.80;	Riser orifice equation controlling.
605.38	163.67	Free Outfall	
		Orifice: H =5.90;	Riser orifice equation controlling.
605.48	165.05	Free Outfall	
		Orifice: H =6.00;	Riser orifice equation controlling.
605.58	166.42	Free Outfall	
		Orifice: H =6.10;	Riser orifice equation controlling.
605.68	167.78	Free Outfall	
		Orifice: H =6.20;	Riser orifice equation controlling.
605.78	169.13	Free Outfall	
		Orifice: H =6.30;	Riser orifice equation controlling.
605.88	170.47	Free Outfall	
		Orifice: H =6.40;	Riser orifice equation controlling.
605.98	171.79	Free Outfall	
		Orifice: H =6.50;	Riser orifice equation controlling.
606.08	173.11	Free Outfall	
		Orifice: H =6.60;	Riser orifice equation controlling.
606.18	174.42	Free Outfall	
		Orifice: H =6.70;	Riser orifice equation controlling.

S/N:  
 PondPack Ver:                                      Compute Time:                                      Date:

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Type. . . . Individual Outlet Curves                                      Page 15.07  
 Name. . . . Outlet 1

File. . . . \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Inlet Box)  
 -----  
 Upstream ID =    (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
-----	-----	-----
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft
-----	-----	-----
		Computati on Messages
-----	-----	-----
606.28	175.71	Free Outfall
		Orifice: H =6.80;
		Riser orifice equation controlling.
606.38	177.00	Free Outfall
		Orifice: H =6.90;
		Riser orifice equation controlling.
606.48	178.28	Free Outfall
		Orifice: H =7.00;
		Riser orifice equation controlling.
606.50	178.53	Free Outfall
		Orifice: H =7.02;
		Riser orifice equation controlling.

S/N:  
 PondPack Ver:                                      Compute Time:                                      Date:

♀

Type. . . . Composite Rating Curve                                      Page 15.08  
 Name. . . . Outlet 1

File. . . . \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

asbuilt basin 1 2 and 4.txt

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

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
599.48	.00	Free	Outfall	OF
599.58	1.42	Free	Outfall	OF
599.68	4.03	Free	Outfall	OF
599.78	7.39	Free	Outfall	OF
599.88	11.39	Free	Outfall	OF
599.98	15.91	Free	Outfall	OF
600.08	20.91	Free	Outfall	OF
600.18	26.36	Free	Outfall	OF
600.28	32.20	Free	Outfall	OF
600.38	38.42	Free	Outfall	OF
600.48	45.00	Free	Outfall	OF
600.58	51.91	Free	Outfall	OF
600.68	59.15	Free	Outfall	OF
600.78	66.70	Free	Outfall	OF
600.88	74.54	Free	Outfall	OF
600.98	82.53	Free	Outfall	OF
601.08	85.23	Free	Outfall	OF
601.18	87.86	Free	Outfall	OF
601.28	90.40	Free	Outfall	OF
601.38	92.88	Free	Outfall	OF
601.48	95.29	Free	Outfall	OF
601.58	97.65	Free	Outfall	OF
601.68	99.94	Free	Outfall	OF
601.78	102.19	Free	Outfall	OF
601.88	104.39	Free	Outfall	OF
601.98	106.54	Free	Outfall	OF
602.08	108.65	Free	Outfall	OF
602.18	110.72	Free	Outfall	OF
602.28	112.75	Free	Outfall	OF
602.38	114.75	Free	Outfall	OF
602.48	116.71	Free	Outfall	OF
602.58	118.64	Free	Outfall	OF
602.68	120.54	Free	Outfall	OF
602.78	122.41	Free	Outfall	OF
602.88	124.25	Free	Outfall	OF
602.98	126.06	Free	Outfall	OF
603.08	127.85	Free	Outfall	OF
603.18	129.61	Free	Outfall	OF

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Composite Rating Curve

Page 15.09

Name... Outlet 1

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures

asbuil t basin 1 2 and 4.txt

603.28	131.35	Free	Outfall	OF
603.38	133.07	Free	Outfall	OF
603.48	134.76	Free	Outfall	OF
603.58	136.44	Free	Outfall	OF
603.68	138.09	Free	Outfall	OF
603.78	139.73	Free	Outfall	OF
603.88	141.34	Free	Outfall	OF
603.98	142.94	Free	Outfall	OF
604.08	144.52	Free	Outfall	OF
604.18	146.08	Free	Outfall	OF
604.28	147.63	Free	Outfall	OF
604.38	149.16	Free	Outfall	OF
604.48	150.67	Free	Outfall	OF
604.58	152.17	Free	Outfall	OF
604.68	153.66	Free	Outfall	OF
604.78	155.13	Free	Outfall	OF
604.88	156.58	Free	Outfall	OF
604.98	158.03	Free	Outfall	OF
605.08	159.46	Free	Outfall	OF
605.18	160.87	Free	Outfall	OF
605.28	162.28	Free	Outfall	OF
605.38	163.67	Free	Outfall	OF
605.48	165.05	Free	Outfall	OF
605.58	166.42	Free	Outfall	OF
605.68	167.78	Free	Outfall	OF
605.78	169.13	Free	Outfall	OF
605.88	170.47	Free	Outfall	OF
605.98	171.79	Free	Outfall	OF
606.08	173.11	Free	Outfall	OF
606.18	174.42	Free	Outfall	OF
606.28	175.71	Free	Outfall	OF
606.38	177.00	Free	Outfall	OF
606.48	178.28	Free	Outfall	OF
606.50	178.53	Free	Outfall	OF

S/N:

PondPack Ver:

Compute Time:

Date:

♀

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

Page 15.10

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

REQUESTED POND WS ELEVATIONS:

Min. Elev. = 572.99 ft  
Increment = .10 ft  
Max. Elev. = 583.00 ft

\*\*\*\*\*

OUTLET CONNECTIVITY

\*\*\*\*\*

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

Structure	No.	Outfall	E1, ft	E2, ft
-----------	-----	---------	--------	--------

```

asbuilt basin 1 2 and 4.txt
Inlet Box      OF ----> TW      581.290    583.000
Orifice-Circular LO ----> TW      572.990    583.000
TW SETUP, DS Channel

```

```

S/N:
PondPack Ver:          Compute Time:          Date:

```

♀

```

Type... Outlet Input Data          Page 15.11
Name... Outlet 2

```

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

#### OUTLET STRUCTURE INPUT DATA

```

Structure ID      = OF
Structure Type    = Inlet Box
-----
# of Openings    =      1
Invert Elev.     =    581.29 ft
Orifice Area     =   64.0000 sq. ft
Orifice Coeff.   =      .600
Weir Length      =    32.00 ft
Weir Coeff.      =    3.000
K, Reverse       =    1.000
Mannings n       =    .0000
Kev, Charged Riser =    .000
Weir Submergence = No
Orifice H to crest = Yes

```

```

Structure ID      = LO
Structure Type    = Orifice-Circular
-----
# of Openings    =      1
Invert Elev.     =    572.99 ft
Diameter         =    24.00 in
Orifice Coeff.   =      .600

```

```

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

```

#### FREE OUTFALL CONDITIONS SPECIFIED

```

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

```

```

S/N:
PondPack Ver:          Compute Time:          Date:

```

♀

```

Type... Individual Outlet Curves          Page 15.12

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Name... Outlet 2

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Inlet Box)

Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft	Computati on Messages
572.99	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
573.09	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
573.19	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
573.29	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
573.39	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
573.49	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
573.59	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
573.69	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
573.79	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
573.89	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
573.99	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
574.09	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
574.19	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
574.29	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
574.39	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
574.49	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
574.59	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Individual Outlet Curves

Page 15.13

Name... Outlet 2

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Inlet Box)

-----  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev. ft Converge +/-ft
-----		
Computati on Messages		
-----		
574.69	.00	Free Outfall
		HW & TW < Inv. El. =581.290
574.79	.00	Free Outfall
		HW & TW < Inv. El. =581.290
574.89	.00	Free Outfall
		HW & TW < Inv. El. =581.290
574.99	.00	Free Outfall
		HW & TW < Inv. El. =581.290
575.09	.00	Free Outfall
		HW & TW < Inv. El. =581.290
575.19	.00	Free Outfall
		HW & TW < Inv. El. =581.290
575.29	.00	Free Outfall
		HW & TW < Inv. El. =581.290
575.39	.00	Free Outfall
		HW & TW < Inv. El. =581.290
575.49	.00	Free Outfall
		HW & TW < Inv. El. =581.290
575.59	.00	Free Outfall
		HW & TW < Inv. El. =581.290
575.69	.00	Free Outfall
		HW & TW < Inv. El. =581.290
575.79	.00	Free Outfall
		HW & TW < Inv. El. =581.290
575.89	.00	Free Outfall
		HW & TW < Inv. El. =581.290
575.99	.00	Free Outfall
		HW & TW < Inv. El. =581.290
576.09	.00	Free Outfall
		HW & TW < Inv. El. =581.290
576.19	.00	Free Outfall
		HW & TW < Inv. El. =581.290
576.29	.00	Free Outfall
		HW & TW < Inv. El. =581.290

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves  
 Name... Outlet 2

Page 15.14

File... \\serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Inlet Box)

asbuilt basin 1 2 and 4.txt  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft    Convergence +/-ft	Computati on Messages
576.39	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
576.49	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
576.59	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
576.69	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
576.79	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
576.89	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
576.99	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
577.09	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
577.19	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
577.29	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
577.39	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
577.49	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
577.59	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
577.69	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
577.79	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
577.89	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	
577.99	.00	Free Outfall	
		HW & TW < Inv. El. =581.290	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Individual Outlet Curves

Page 15.15

Name... Outlet 2

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Inlet Box)

Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device

Q    Tail Water

Notes



asbuilt basin 1 2 and 4.txt

WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
578.09	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	
578.19	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	
578.29	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	
578.39	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	
578.49	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	
578.59	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	
578.69	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	
578.79	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	
578.89	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	
578.99	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	
579.09	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	
579.19	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	
579.29	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	
579.39	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	
579.49	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	
579.59	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	
579.69	.00	Free	Outfall	
		HW & TW <	Inv. El. =581.290	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Individual Outlet Curves

Page 15.16

Name... Outlet 2

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Inlet Box)

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
579.79	.00	Free	Outfall

asbuilt basin 1 2 and 4.txt

```

579.89 .00 HW & TW < Inv. El. =581.290
        .00 Free Outfall
579.99 .00 HW & TW < Inv. El. =581.290
        .00 Free Outfall
580.09 .00 HW & TW < Inv. El. =581.290
        .00 Free Outfall
580.19 .00 HW & TW < Inv. El. =581.290
        .00 Free Outfall
580.29 .00 HW & TW < Inv. El. =581.290
        .00 Free Outfall
580.39 .00 HW & TW < Inv. El. =581.290
        .00 Free Outfall
580.49 .00 HW & TW < Inv. El. =581.290
        .00 Free Outfall
580.59 .00 HW & TW < Inv. El. =581.290
        .00 Free Outfall
580.69 .00 HW & TW < Inv. El. =581.290
        .00 Free Outfall
580.79 .00 HW & TW < Inv. El. =581.290
        .00 Free Outfall
580.89 .00 HW & TW < Inv. El. =581.290
        .00 Free Outfall
580.99 .00 HW & TW < Inv. El. =581.290
        .00 Free Outfall
581.09 .00 HW & TW < Inv. El. =581.290
        .00 Free Outfall
581.19 .00 HW & TW < Inv. El. =581.290
        .00 Free Outfall
581.29 .00 HW & TW < Inv. El. =581.290
        .00 Free Outfall
581.39 3.04 Weir: H =.00ft
        Free Outfall
        Weir: H =.10ft
    
```

S/N: \_\_\_\_\_  
 PondPack Ver: \_\_\_\_\_ Compute Time: \_\_\_\_\_ Date: \_\_\_\_\_

♀

Type . . . Individual Outlet Curves Page 15.17  
 Name . . . Outlet 2

File . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Inlet Box)  
 -----  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft Computati on Messages
581.49	8.59	Free Outfall	
		Weir: H =.20ft	
581.59	15.77	Free Outfall	
		Weir: H =.30ft	
581.69	24.29	Free Outfall	
		Weir: H =.40ft	

asbuilt basin 1 2 and 4.txt

581.79	33.94	Free Outfall	Weir: H = .50ft
581.89	44.62	Free Outfall	Weir: H = .60ft
581.99	56.23	Free Outfall	Weir: H = .70ft
582.09	68.69	Free Outfall	Weir: H = .80ft
582.19	81.97	Free Outfall	Weir: H = .90ft
582.29	96.00	Free Outfall	Weir: H = 1.00ft
582.39	110.76	Free Outfall	Weir: H = 1.10ft
582.49	126.20	Free Outfall	Weir: H = 1.20ft
582.59	142.29	Free Outfall	Weir: H = 1.30ft
582.69	159.03	Free Outfall	Weir: H = 1.40ft
582.79	176.36	Free Outfall	Weir: H = 1.50ft
582.89	194.30	Free Outfall	Weir: H = 1.60ft
582.99	212.79	Free Outfall	Weir: H = 1.70ft
583.00	214.67	Free Outfall	Weir: H = 1.71ft

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves  
Name... Outlet 2

Page 15.18

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = L0 (Orifice-Circular)  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft	Computation Messages
572.99	.00	Free Outfall	
573.09	.03	Free Outfall	Upstream HW & DNstream TW < Inv. El
.00ft			CRIT. DEPTH CONTROL Vh= .003ft Dcr= .125ft CRIT. DEPTH Hev=
573.19	.18	Free Outfall	
.00ft			CRIT. DEPTH CONTROL Vh= .075ft Dcr= .125ft CRIT. DEPTH Hev=
573.29	.43	Free Outfall	
			CRIT. DEPTH CONTROL Vh= .082ft Dcr= .219ft CRIT. DEPTH Hev=

asbuil t basin 1 2 and 4. txt

. 00ft	573. 39	. 75	Free Outfall			
			CRIT. DEPTH CONTROL	Vh= . 088ft	Dcr= . 312ft	CRIT. DEPTH Hev=
. 00ft	573. 49	1. 16	Free Outfall			
			CRIT. DEPTH CONTROL	Vh= . 126ft	Dcr= . 375ft	CRIT. DEPTH Hev=
. 00ft	573. 59	1. 64	Free Outfall			
			CRIT. DEPTH CONTROL	Vh= . 162ft	Dcr= . 437ft	CRIT. DEPTH Hev=
. 00ft	573. 69	2. 21	Free Outfall			
			CRIT. DEPTH CONTROL	Vh= . 186ft	Dcr= . 515ft	CRIT. DEPTH Hev=
. 00ft	573. 79	2. 85	Free Outfall			
			CRIT. DEPTH CONTROL	Vh= . 207ft	Dcr= . 593ft	CRIT. DEPTH Hev=
. 00ft	573. 89	3. 56	Free Outfall			
			CRIT. DEPTH CONTROL	Vh= . 245ft	Dcr= . 656ft	CRIT. DEPTH Hev=
. 00ft	573. 99	4. 33	Free Outfall			
			CRIT. DEPTH CONTROL	Vh= . 266ft	Dcr= . 734ft	CRIT. DEPTH Hev=
. 00ft	574. 09	5. 15	Free Outfall			
			CRIT. DEPTH CONTROL	Vh= . 303ft	Dcr= . 796ft	CRIT. DEPTH Hev=
. 00ft	574. 19	6. 04	Free Outfall			
			CRIT. DEPTH CONTROL	Vh= . 325ft	Dcr= . 875ft	CRIT. DEPTH Hev=
. 00ft	574. 29	6. 98	Free Outfall			
			CRIT. DEPTH CONTROL	Vh= . 363ft	Dcr= . 937ft	CRIT. DEPTH Hev=
. 00ft	574. 39	7. 97	Free Outfall			
			CRIT. DEPTH CONTROL	Vh= . 401ft	Dcr= 1. 000ft	CRIT. DEPTH Hev=
. 00ft	574. 49	9. 01	Free Outfall			
			CRIT. DEPTH CONTROL	Vh= . 423ft	Dcr= 1. 078ft	CRIT. DEPTH Hev=
. 00ft	574. 59	10. 07	Free Outfall			
			CRIT. DEPTH CONTROL	Vh= . 460ft	Dcr= 1. 140ft	CRIT. DEPTH Hev=

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Individual Outlet Curves

Page 15. 19

Name. . . . Outlet 2

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = L0 (Ori fi ce-Ci rcul ar)

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS El ev, Devi ce	Q	Tail Water	Notes
WS El ev.	Q	TW El ev	Converge
ft	cfs	ft	+/-ft
Computati on Messages			
Page 564			

asbuilt basin 1 2 and 4.txt

574.69	11.16	Free Outfall			
.00ft		CRIT. DEPTH CONTROL	Vh= .497ft	Dcr= 1.203ft	CRIT. DEPTH Hev=
574.79	12.29	Free Outfall			
.00ft		CRIT. DEPTH CONTROL	Vh= .535ft	Dcr= 1.265ft	CRIT. DEPTH Hev=
574.89	13.44	Free Outfall			
.00ft		CRIT. DEPTH CONTROL	Vh= .580ft	Dcr= 1.320ft	CRIT. DEPTH Hev=
574.99	15.12	Free Outfall			
		H =1.00			
575.09	15.86	Free Outfall			
		H =1.10			
575.19	16.56	Free Outfall			
		H =1.20			
575.29	17.24	Free Outfall			
		H =1.30			
575.39	17.89	Free Outfall			
		H =1.40			
575.49	18.52	Free Outfall			
		H =1.50			
575.59	19.13	Free Outfall			
		H =1.60			
575.69	19.71	Free Outfall			
		H =1.70			
575.79	20.29	Free Outfall			
		H =1.80			
575.89	20.84	Free Outfall			
		H =1.90			
575.99	21.38	Free Outfall			
		H =2.00			
576.09	21.91	Free Outfall			
		H =2.10			
576.19	22.43	Free Outfall			
		H =2.20			
576.29	22.93	Free Outfall			
		H =2.30			

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Type... Individual Outlet Curves

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Name... Outlet 2

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = L0 (Orifice-Circular)

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
576.39	23.42	Free Outfall		

asbuil t basin 1 2 and 4.txt

576.49	23.91	H =2.40 Free	Outfall
576.59	24.38	H =2.50 Free	Outfall
576.69	24.85	H =2.60 Free	Outfall
576.79	25.30	H =2.70 Free	Outfall
576.89	25.75	H =2.80 Free	Outfall
576.99	26.19	H =2.90 Free	Outfall
577.09	26.62	H =3.00 Free	Outfall
577.19	27.05	H =3.10 Free	Outfall
577.29	27.47	H =3.20 Free	Outfall
577.39	27.88	H =3.30 Free	Outfall
577.49	28.29	H =3.40 Free	Outfall
577.59	28.69	H =3.50 Free	Outfall
577.69	29.09	H =3.60 Free	Outfall
577.79	29.48	H =3.70 Free	Outfall
577.89	29.86	H =3.80 Free	Outfall
577.99	30.24	H =3.90 Free	Outfall
		H =4.00	

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Type . . . Individual Outlet Curves  
Name . . . Outlet 2

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = L0 (Orifice-Circular)

Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
Computati on Messages			
578.09	30.62	Free	Outfall
		H =4.10	
578.19	30.99	Free	Outfall
		H =4.20	
578.29	31.35	Free	Outfall
		H =4.30	

578.39	31.72	Free	Outfall
		H =4.40	
578.49	32.08	Free	Outfall
		H =4.50	
578.59	32.43	Free	Outfall
		H =4.60	
578.69	32.78	Free	Outfall
		H =4.70	
578.79	33.13	Free	Outfall
		H =4.80	
578.89	33.47	Free	Outfall
		H =4.90	
578.99	33.81	Free	Outfall
		H =5.00	
579.09	34.15	Free	Outfall
		H =5.10	
579.19	34.48	Free	Outfall
		H =5.20	
579.29	34.81	Free	Outfall
		H =5.30	
579.39	35.14	Free	Outfall
		H =5.40	
579.49	35.46	Free	Outfall
		H =5.50	
579.59	35.78	Free	Outfall
		H =5.60	
579.69	36.10	Free	Outfall
		H =5.70	

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Type... Individual Outlet Curves  
 Name... Outlet 2

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = L0 (Ori fi ce-Ci rcul ar)

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS El ev, Devi ce Q		Tail Water		Notes
WS El ev. ft	Q cfs	TW El ev ft	Converge +/-ft	Computati on Messages
579.79	36.42	Free	Outfall	
		H =5.80		
579.89	36.73	Free	Outfall	
		H =5.90		
579.99	37.04	Free	Outfall	
		H =6.00		
580.09	37.35	Free	Outfall	
		H =6.10		
580.19	37.65	Free	Outfall	
		H =6.20		
580.29	37.95	Free	Outfall	

asbuilt basin 1 2 and 4.txt

580.39	38.25	H =6.30 Free	Outfall
580.49	38.55	H =6.40 Free	Outfall
580.59	38.85	H =6.50 Free	Outfall
580.69	39.14	H =6.60 Free	Outfall
580.79	39.43	H =6.70 Free	Outfall
580.89	39.72	H =6.80 Free	Outfall
580.99	40.01	H =6.90 Free	Outfall
581.09	40.29	H =7.00 Free	Outfall
581.19	40.57	H =7.10 Free	Outfall
581.29	40.85	H =7.20 Free	Outfall
581.39	41.13	H =7.30 Free	Outfall
		H =7.40	

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Type... Individual Outlet Curves  
Name... Outlet 2

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = L0 (Ori fi ce-Ci rcul ar)

Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
Computati on Messages			
581.49	41.41	Free	Outfall
		H =7.50	
581.59	41.68	Free	Outfall
		H =7.60	
581.69	41.96	Free	Outfall
		H =7.70	
581.79	42.23	Free	Outfall
		H =7.80	
581.89	42.50	Free	Outfall
		H =7.90	
581.99	42.77	Free	Outfall
		H =8.00	
582.09	43.03	Free	Outfall
		H =8.10	
582.19	43.30	Free	Outfall
		H =8.20	



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582.29	43.56	Free	Outfall
		H =8.30	
582.39	43.82	Free	Outfall
		H =8.40	
582.49	44.08	Free	Outfall
		H =8.50	
582.59	44.34	Free	Outfall
		H =8.60	
582.69	44.60	Free	Outfall
		H =8.70	
582.79	44.85	Free	Outfall
		H =8.80	
582.89	45.11	Free	Outfall
		H =8.90	
582.99	45.36	Free	Outfall
		H =9.00	
583.00	45.39	Free	Outfall
		H =9.01	

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Type... Composite Rating Curve

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Name... Outlet 2

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

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
572.99	.00	Free	Outfall	None contributing
573.09	.03	Free	Outfall	L0
573.19	.18	Free	Outfall	L0
573.29	.43	Free	Outfall	L0
573.39	.75	Free	Outfall	L0
573.49	1.16	Free	Outfall	L0
573.59	1.64	Free	Outfall	L0
573.69	2.21	Free	Outfall	L0
573.79	2.85	Free	Outfall	L0
573.89	3.56	Free	Outfall	L0
573.99	4.33	Free	Outfall	L0
574.09	5.15	Free	Outfall	L0
574.19	6.04	Free	Outfall	L0
574.29	6.98	Free	Outfall	L0
574.39	7.97	Free	Outfall	L0
574.49	9.01	Free	Outfall	L0
574.59	10.07	Free	Outfall	L0
574.69	11.16	Free	Outfall	L0
574.79	12.29	Free	Outfall	L0
574.89	13.44	Free	Outfall	L0
574.99	15.12	Free	Outfall	L0
575.09	15.86	Free	Outfall	L0
575.19	16.56	Free	Outfall	L0
575.29	17.24	Free	Outfall	L0
575.39	17.89	Free	Outfall	L0
575.49	18.52	Free	Outfall	L0

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575.59	19.13	Free	Outfall	L0
575.69	19.71	Free	Outfall	L0
575.79	20.29	Free	Outfall	L0
575.89	20.84	Free	Outfall	L0
575.99	21.38	Free	Outfall	L0
576.09	21.91	Free	Outfall	L0
576.19	22.43	Free	Outfall	L0
576.29	22.93	Free	Outfall	L0
576.39	23.42	Free	Outfall	L0
576.49	23.91	Free	Outfall	L0
576.59	24.38	Free	Outfall	L0
576.69	24.85	Free	Outfall	L0

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Type... Composite Rating Curve  
Name... Outlet 2

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4.PPW

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

WS Elev,	Total Q	Converge		Notes
Elev.	Q	TW Elev	Error	Contributing Structures
ft	cfs	ft	+/-ft	
576.79	25.30	Free	Outfall	L0
576.89	25.75	Free	Outfall	L0
576.99	26.19	Free	Outfall	L0
577.09	26.62	Free	Outfall	L0
577.19	27.05	Free	Outfall	L0
577.29	27.47	Free	Outfall	L0
577.39	27.88	Free	Outfall	L0
577.49	28.29	Free	Outfall	L0
577.59	28.69	Free	Outfall	L0
577.69	29.09	Free	Outfall	L0
577.79	29.48	Free	Outfall	L0
577.89	29.86	Free	Outfall	L0
577.99	30.24	Free	Outfall	L0
578.09	30.62	Free	Outfall	L0
578.19	30.99	Free	Outfall	L0
578.29	31.35	Free	Outfall	L0
578.39	31.72	Free	Outfall	L0
578.49	32.08	Free	Outfall	L0
578.59	32.43	Free	Outfall	L0
578.69	32.78	Free	Outfall	L0
578.79	33.13	Free	Outfall	L0
578.89	33.47	Free	Outfall	L0
578.99	33.81	Free	Outfall	L0
579.09	34.15	Free	Outfall	L0
579.19	34.48	Free	Outfall	L0
579.29	34.81	Free	Outfall	L0
579.39	35.14	Free	Outfall	L0
579.49	35.46	Free	Outfall	L0
579.59	35.78	Free	Outfall	L0
579.69	36.10	Free	Outfall	L0
579.79	36.42	Free	Outfall	L0
579.89	36.73	Free	Outfall	L0
579.99	37.04	Free	Outfall	L0

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580.09	37.35	Free	Outfall	L0
580.19	37.65	Free	Outfall	L0
580.29	37.95	Free	Outfall	L0
580.39	38.25	Free	Outfall	L0
580.49	38.55	Free	Outfall	L0

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Type... Composite Rating Curve  
Name... Outlet 2

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

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
580.59	38.85	Free	Outfall	L0
580.69	39.14	Free	Outfall	L0
580.79	39.43	Free	Outfall	L0
580.89	39.72	Free	Outfall	L0
580.99	40.01	Free	Outfall	L0
581.09	40.29	Free	Outfall	L0
581.19	40.57	Free	Outfall	L0
581.29	40.85	Free	Outfall	OF +L0
581.39	44.17	Free	Outfall	OF +L0
581.49	50.00	Free	Outfall	OF +L0
581.59	57.46	Free	Outfall	OF +L0
581.69	66.25	Free	Outfall	OF +L0
581.79	76.17	Free	Outfall	OF +L0
581.89	87.12	Free	Outfall	OF +L0
581.99	98.99	Free	Outfall	OF +L0
582.09	111.72	Free	Outfall	OF +L0
582.19	125.27	Free	Outfall	OF +L0
582.29	139.56	Free	Outfall	OF +L0
582.39	154.58	Free	Outfall	OF +L0
582.49	170.28	Free	Outfall	OF +L0
582.59	186.63	Free	Outfall	OF +L0
582.69	203.63	Free	Outfall	OF +L0
582.79	221.22	Free	Outfall	OF +L0
582.89	239.41	Free	Outfall	OF +L0
582.99	258.15	Free	Outfall	OF +L0
583.00	260.06	Free	Outfall	OF +L0

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Type... Outlet Input Data  
Name... Outlet 3

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REQUESTED POND WS ELEVATIONS:

Min. Elev. = 565.00 ft  
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asbuilt basin 1 2 and 4.txt  
 Increment = .10 ft  
 Max. Elev. = 574.00 ft

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

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

Structure	No.	Outfall	E1, ft	E2, ft
Culvert-Circular	LF	<----> TW	565.000	574.000
Culvert-Circular	OF	<----> TW	570.200	574.000
TW SETUP, DS Channel				

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Type.... Outlet Input Data  
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 4. PPW

OUTLET STRUCTURE INPUT DATA

Structure ID = LF  
 Structure Type = Culvert-Circular  
 -----  
 No. Barrels = 2  
 Barrel Diameter = 27.00 in  
 Upstream Invert = 565.00 ft  
 Dnstream Invert = 564.00 ft  
 Horiz. Length = 70.00 ft  
 Barrel Length = 70.01 ft  
 Barrel Slope = .01429 ft/ft

OUTLET CONTROL DATA...  
 Mannings n = .0130  
 Ke = .7000 (forward entrance loss)  
 Kb = .010607 (per ft of full flow)  
 Kr = .7000 (reverse entrance loss)  
 HW Convergence = .001 +/- ft

INLET CONTROL DATA...  
 Equation form = 1  
 Inlet Control K = .0045  
 Inlet Control M = 2.0000  
 Inlet Control c = .03170  
 Inlet Control Y = .6900  
 T1 ratio (HW/D) = 1.088  
 T2 ratio (HW/D) = 1.190  
 Slope Factor = -.500

Use unsubmerged inlet control Form 1 equ. below T1 elev.  
 Use submerged inlet control Form 1 equ. above T2 elev.

asbuilt basin 1 2 and 4.txt

In transition zone between unsubmerged and submerged inlet control, interpolate between flows at T1 & T2...

At T1 Elev = 567.45 ft ---> Flow = 20.87 cfs  
At T2 Elev = 567.68 ft ---> Flow = 23.86 cfs

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Type... Outlet Input Data  
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OUTLET STRUCTURE INPUT DATA

Structure ID = OF  
Structure Type = Culvert-Circular  
-----  
No. Barrels = 1  
Barrel Diameter = 24.00 in  
Upstream Invert = 570.20 ft  
Dnstream Invert = 567.00 ft  
Horiz. Length = 105.00 ft  
Barrel Length = 105.05 ft  
Barrel Slope = .03048 ft/ft

OUTLET CONTROL DATA...

Mannings n = .0130  
Ke = .7000 (forward entrance loss)  
Kb = .012411 (per ft of full flow)  
Kr = .7000 (reverse entrance loss)  
HW Convergence = .001 +/- ft

INLET CONTROL DATA...

Equation form = 1  
Inlet Control K = .0045  
Inlet Control M = 2.0000  
Inlet Control c = .03170  
Inlet Control Y = .6900  
T1 ratio (HW/D) = 1.080  
T2 ratio (HW/D) = 1.182  
Slope Factor = -.500

Use unsubmerged inlet control Form 1 equ. below T1 elev.

Use submerged inlet control Form 1 equ. above T2 elev.

In transition zone between unsubmerged and submerged inlet control, interpolate between flows at T1 & T2...

At T1 Elev = 572.36 ft ---> Flow = 15.55 cfs  
At T2 Elev = 572.56 ft ---> Flow = 17.77 cfs

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Type... Individual Outlet Curves  
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asbuilt basin 1 2 and 4.txt

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
565.00	.00	563.50	.000			
565.10	.06	563.50	.000	Upstream HW & DNstream TW < Inv. EI		
.00ft				Vh= .024ft	Dcr= .070ft	CRIT. DEPTH Hev=
565.20	.20	563.50	.000	CRIT. DEPTH CONTROL		
.00ft				Vh= .024ft	Dcr= .070ft	H. JUMP IN PIPE Hev=
565.25	.45	563.50	.000	CRIT. DEPTH CONTROL		
.00ft				Vh= .047ft	Dcr= .141ft	CRIT. DEPTH Hev=
565.30	.66	563.50	.000	CRIT. DEPTH CONTROL		
.00ft				Vh= .060ft	Dcr= .176ft	CRIT. DEPTH Hev=
565.40	1.15	563.50	.000	CRIT. DEPTH CONTROL		
.00ft				Vh= .084ft	Dcr= .246ft	CRIT. DEPTH Hev=
565.50	1.53	563.50	.000	CRIT. DEPTH CONTROL		
.00ft				Vh= .109ft	Dcr= .316ft	CRIT. DEPTH Hev=
565.60	2.55	563.50	.000	CRIT. DEPTH CONTROL		
.00ft				Vh= .128ft	Dcr= .369ft	CRIT. DEPTH Hev=
565.70	3.50	563.50	.000	CRIT. DEPTH CONTROL		
.00ft				Vh= .153ft	Dcr= .439ft	CRIT. DEPTH Hev=
565.75	3.78	563.50	.000	CRIT. DEPTH CONTROL		
.00ft				Vh= .160ft	Dcr= .457ft	CRIT. DEPTH Hev=
565.80	4.55	563.50	.000	CRIT. DEPTH CONTROL		
.00ft				Vh= .173ft	Dcr= .492ft	CRIT. DEPTH Hev=
565.90	5.35	563.50	.000	CRIT. DEPTH CONTROL		
.00ft				Vh= .199ft	Dcr= .562ft	CRIT. DEPTH Hev=
566.00	6.78	563.50	.000	CRIT. DEPTH CONTROL		
.00ft				Vh= .227ft	Dcr= .633ft	CRIT. DEPTH Hev=
566.10	8.10	563.50	.000	CRIT. DEPTH CONTROL		
.00ft				Vh= .247ft	Dcr= .685ft	CRIT. DEPTH Hev=
566.20	9.50	563.50	.000	CRIT. DEPTH CONTROL		
.00ft				Vh= .272ft	Dcr= .747ft	CRIT. DEPTH Hev=

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Type... Individual Outlet Curves  
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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
566.25	10.19	563.50	.000	Vh= .283ft	Dcr= .773ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
566.30	11.18	563.50	.000	Vh= .294ft	Dcr= .799ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
566.40	12.68	563.50	.000	Vh= .316ft	Dcr= .852ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
566.50	14.41	563.50	.000	Vh= .347ft	Dcr= .922ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
566.60	16.00	563.50	.000	Vh= .370ft	Dcr= .975ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
566.70	17.89	563.50	.000	Vh= .395ft	Dcr= 1.028ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
566.75	18.89	563.50	.000	Vh= .407ft	Dcr= 1.054ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
566.80	19.64	563.50	.000	Vh= .424ft	Dcr= 1.089ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
566.90	21.69	563.50	.000	Vh= .446ft	Dcr= 1.133ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.00	23.54	563.50	.000	Vh= .478ft	Dcr= 1.195ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.10	25.73	563.50	.000	Vh= .506ft	Dcr= 1.247ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.20	27.74	563.50	.000	Vh= .536ft	Dcr= 1.300ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				

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567.25	28.84	563.50	.000				
.00ft		CRI T. DEPTH CONTROL	Vh= .546ft	Dcr= 1.318ft	CRI T. DEPTH Hev=		
567.30	29.95	563.50	.000				
.00ft		CRI T. DEPTH CONTROL	Vh= .561ft	Dcr= 1.344ft	CRI T. DEPTH Hev=		
567.40	31.86	563.50	.000				
.00ft		CRI T. DEPTH CONTROL	Vh= .594ft	Dcr= 1.397ft	CRI T. DEPTH Hev=		

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Type... Individual Outlet Curves  
Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev. ft	Converge +/-ft	Computation Messages
567.50	34.02	563.50	.000	
.00ft		CRI T. DEPTH CONTROL	Vh= .623ft	Dcr= 1.441ft CRI T. DEPTH Hev=
567.60	36.17	563.50	.000	
.00ft		CRI T. DEPTH CONTROL	Vh= .656ft	Dcr= 1.489ft CRI T. DEPTH Hev=
567.70	38.39	563.50	.000	
.00ft		CRI T. DEPTH CONTROL	Vh= .685ft	Dcr= 1.529ft CRI T. DEPTH Hev=
567.75	39.43	563.50	.000	
.00ft		CRI T. DEPTH CONTROL	Vh= .705ft	Dcr= 1.555ft CRI T. DEPTH Hev=
567.80	40.50	563.50	.000	
.00ft		CRI T. DEPTH CONTROL	Vh= .722ft	Dcr= 1.577ft CRI T. DEPTH Hev=
567.90	42.79	563.50	.000	
.00ft		CRI T. DEPTH CONTROL	Vh= .755ft	Dcr= 1.616ft CRI T. DEPTH Hev=
568.00	44.74	563.50	.000	
.00ft		CRI T. DEPTH CONTROL	Vh= .791ft	Dcr= 1.656ft CRI T. DEPTH Hev=
568.10	46.89	563.50	.000	
.00ft		CRI T. DEPTH CONTROL	Vh= .824ft	Dcr= 1.691ft CRI T. DEPTH Hev=
568.20	48.88	563.50	.000	
		CRI T. DEPTH CONTROL	Vh= .865ft	Dcr= 1.731ft CRI T. DEPTH Hev=



asbuilt basin 1 2 and 4.txt

.00ft	568.25	49.90	563.50	.000			
			CRI T. DEPTH CONTROL	Vh= .885ft	Dcr= 1.748ft	CRI T. DEPTH Hev=	
.00ft	568.30	50.92	563.50	.000			
			CRI T. DEPTH CONTROL	Vh= .900ft	Dcr= 1.761ft	CRI T. DEPTH Hev=	
.00ft	568.40	53.19	563.50	.000			
			CRI T. DEPTH CONTROL	Vh= .948ft	Dcr= 1.801ft	CRI T. DEPTH Hev=	
.00ft	568.50	55.01	563.50	.000			
			CRI T. DEPTH CONTROL	Vh= .984ft	Dcr= 1.827ft	CRI T. DEPTH Hev=	
.00ft	568.60	56.89	563.50	.000			
			CRI T. DEPTH CONTROL	Vh= 1.022ft	Dcr= 1.854ft	CRI T. DEPTH Hev=	
.00ft	568.70	58.78	563.50	.000			
			CRI T. DEPTH CONTROL	Vh= 1.064ft	Dcr= 1.880ft	CRI T. DEPTH Hev=	
.00ft							

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
568.75	59.96	563.50	.000	Vh= 1.086ft	Dcr= 1.893ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.80	61.02	563.50	.000	Vh= 1.117ft	Dcr= 1.911ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.90	62.63	563.50	.000	Vh= 1.160ft	Dcr= 1.933ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.00	64.35	563.50	.000	Vh= 1.197ft	Dcr= 1.950ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.10	66.30	563.50	.000	Vh= 1.253ft	Dcr= 1.974ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.20	68.19	563.50	.000			

asbuilt basin 1 2 and 4.txt

.00ft				CRI T. DEPTH CONTROL	Vh= 1.298ft	Dcr= 1.992ft	CRI T. DEPTH Hev=
569.25	68.94	563.50	.000	CRI T. DEPTH CONTROL	Vh= 1.329ft	Dcr= 2.003ft	CRI T. DEPTH Hev=
.00ft				CRI T. DEPTH CONTROL	Vh= 1.348ft	Dcr= 2.010ft	CRI T. DEPTH Hev=
569.30	69.82	563.50	.000	CRI T. DEPTH CONTROL	Vh= 1.396ft	Dcr= 2.025ft	CRI T. DEPTH Hev=
.00ft				CRI T. DEPTH CONTROL	Vh= 1.448ft	Dcr= 2.040ft	CRI T. DEPTH Hev=
569.40	71.56	563.50	.000	CRI T. DEPTH CONTROL	Vh= 1.498ft	Dcr= 2.053ft	CRI T. DEPTH Hev=
.00ft				CRI T. DEPTH CONTROL	Vh= 1.543ft	Dcr= 2.064ft	CRI T. DEPTH Hev=
569.50	73.06	563.50	.000	CRI T. DEPTH CONTROL	Vh= 1.572ft	Dcr= 2.071ft	CRI T. DEPTH Hev=
.00ft				CRI T. DEPTH CONTROL	Vh= 1.602ft	Dcr= 2.078ft	CRI T. DEPTH Hev=
569.60	74.74	563.50	.000	CRI T. DEPTH CONTROL	Vh= 1.657ft	Dcr= 2.089ft	CRI T. DEPTH Hev=
.00ft				CRI T. DEPTH CONTROL			
569.70	76.18	563.50	.000				
.00ft							
569.75	77.09	563.50	.000				
.00ft							
569.80	77.69	563.50	.000				
.00ft							
569.90	79.68	563.50	.000				
.00ft							

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
570.00	80.81	563.50	.000	
		FULL FLOW... Lfull=7.78ft Vh=1.605ft HL=2.861ft Hev= .00ft		
570.10	81.44	563.50	.000	
		FULL FLOW... Lfull=26.21ft Vh=1.630ft HL=3.224ft Hev= .00ft		
570.20	82.22	563.50	.000	
		FULL FLOW... Lfull=37.81ft Vh=1.661ft HL=3.490ft Hev= .00ft		

asbuilt basin 1 2 and 4.txt

570.30	83.09	563.50	.000	FULL FLOW... Lfull=44.88ft	Vh=1.697ft	HL=3.692ft	Hev=.00ft
570.40	83.97	563.50	.000	FULL FLOW... Lfull=49.69ft	Vh=1.733ft	HL=3.859ft	Hev=.00ft
570.50	84.87	563.50	.000	FULL FLOW... Lfull=53.41ft	Vh=1.770ft	HL=4.012ft	Hev=.00ft
570.60	85.78	563.50	.000	FULL FLOW... Lfull=56.26ft	Vh=1.808ft	HL=4.154ft	Hev=.00ft
570.70	86.69	563.50	.000	FULL FLOW... Lfull=58.51ft	Vh=1.847ft	HL=4.285ft	Hev=.00ft
570.80	87.63	563.50	.000	FULL FLOW... Lfull=59.63ft	Vh=1.887ft	HL=4.402ft	Hev=.00ft
570.90	88.53	563.50	.000	FULL FLOW... Lfull=60.97ft	Vh=1.926ft	HL=4.520ft	Hev=.00ft
571.00	89.44	563.50	.000	FULL FLOW... Lfull=62.15ft	Vh=1.966ft	HL=4.638ft	Hev=.00ft
571.10	90.34	563.50	.000	FULL FLOW... Lfull=63.07ft	Vh=2.006ft	HL=4.751ft	Hev=.00ft
571.20	91.22	563.50	.000	FULL FLOW... Lfull=63.85ft	Vh=2.045ft	HL=4.862ft	Hev=.00ft
571.30	92.11	563.50	.000	FULL FLOW... Lfull=64.52ft	Vh=2.085ft	HL=4.971ft	Hev=.00ft
571.40	93.00	563.50	.000	FULL FLOW... Lfull=64.98ft	Vh=2.125ft	HL=5.078ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
571.50	93.85	563.50	.000	FULL FLOW... Lfull=65.60ft	Vh=2.165ft	HL=5.186ft Hev=.00ft
571.60	94.74	563.50	.000	FULL FLOW... Lfull=65.92ft	Vh=2.206ft	HL=5.292ft Hev=.00ft
571.70	95.60	563.50	.000	FULL FLOW... Lfull=66.32ft	Vh=2.246ft	HL=5.398ft Hev=.00ft
571.80	96.44	563.50	.000	FULL FLOW... Lfull=66.70ft	Vh=2.286ft	HL=5.503ft Hev=.00ft
571.90	97.30	563.50	.000	FULL FLOW... Lfull=66.90ft	Vh=2.327ft	HL=5.606ft Hev=.00ft
572.00	98.13	563.50	.000			

asbuilt basin 1 2 and 4.txt

572.10	98.95	563.50	.000	FULL FLOW... Lfull=67.24ft	Vh=2.367ft	HL=5.711ft	Hev= .00ft
572.20	99.80	563.50	.000	FULL FLOW... Lfull=67.53ft	Vh=2.406ft	HL=5.814ft	Hev= .00ft
572.30	100.62	563.50	.000	FULL FLOW... Lfull=67.63ft	Vh=2.448ft	HL=5.917ft	Hev= .00ft
572.40	101.44	563.50	.000	FULL FLOW... Lfull=67.79ft	Vh=2.488ft	HL=6.019ft	Hev= .00ft
572.50	102.26	563.50	.000	FULL FLOW... Lfull=67.92ft	Vh=2.529ft	HL=6.121ft	Hev= .00ft
572.60	103.00	563.50	.000	FULL FLOW... Lfull=68.00ft	Vh=2.570ft	HL=6.222ft	Hev= .00ft
572.70	103.80	563.50	.000	FULL FLOW... Lfull=68.69ft	Vh=2.607ft	HL=6.332ft	Hev= .00ft
572.80	104.61	563.50	.000	FULL FLOW... Lfull=68.71ft	Vh=2.648ft	HL=6.431ft	Hev= .00ft
572.90	105.39	563.50	.000	FULL FLOW... Lfull=68.78ft	Vh=2.689ft	HL=6.533ft	Hev= .00ft
				FULL FLOW... Lfull=68.80ft	Vh=2.729ft	HL=6.632ft	Hev= .00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

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4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
573.00	106.18	563.50	.000			
				FULL FLOW... Lfull=68.82ft	Vh=2.771ft	HL=6.733ft Hev= .00ft
573.10	106.96	563.50	.000			
				FULL FLOW... Lfull=68.88ft	Vh=2.811ft	HL=6.833ft Hev= .00ft
573.20	107.74	563.50	.000			
				FULL FLOW... Lfull=68.89ft	Vh=2.853ft	HL=6.934ft Hev= .00ft
573.30	108.50	563.50	.000			
				FULL FLOW... Lfull=68.94ft	Vh=2.893ft	HL=7.034ft Hev= .00ft
573.40	109.27	563.50	.000			
				FULL FLOW... Lfull=68.96ft	Vh=2.934ft	HL=7.135ft Hev= .00ft
573.50	110.04	563.50	.000			
				FULL FLOW... Lfull=68.98ft	Vh=2.976ft	HL=7.235ft Hev= .00ft
573.60	110.78	563.50	.000			
				FULL FLOW... Lfull=69.00ft	Vh=3.016ft	HL=7.335ft Hev= .00ft
573.70	111.53	563.50	.000			
				FULL FLOW... Lfull=69.08ft	Vh=3.057ft	HL=7.437ft Hev= .00ft

asbuilt basin 1 2 and 4.txt

573.80	112.28	563.50	.000	FULL FLOW... Lfull=69.11ft	Vh=3.098ft	HL=7.538ft	Hev= .00ft
573.90	113.01	563.50	.000	FULL FLOW... Lfull=69.15ft	Vh=3.139ft	HL=7.638ft	Hev= .00ft
574.00	113.74	563.50	.000	FULL FLOW... Lfull=69.18ft	Vh=3.179ft	HL=7.738ft	Hev= .00ft

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Type... Individual Outlet Curves  
 Name... Outlet 3

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
-----			
Computati on Messages			
-----			
565.00	.00	563.50	.000
		Upstream HW & DNstream TW <	Inv. EI
565.10	.00	563.50	.000
		Upstream HW & DNstream TW <	Inv. EI
565.20	.00	563.50	.000
		Upstream HW & DNstream TW <	Inv. EI
565.25	.00	563.50	.000
		Upstream HW & DNstream TW <	Inv. EI
565.30	.00	563.50	.000
		Upstream HW & DNstream TW <	Inv. EI
565.40	.00	563.50	.000
		Upstream HW & DNstream TW <	Inv. EI
565.50	.00	563.50	.000
		Upstream HW & DNstream TW <	Inv. EI
565.60	.00	563.50	.000
		Upstream HW & DNstream TW <	Inv. EI
565.70	.00	563.50	.000
		Upstream HW & DNstream TW <	Inv. EI
565.75	.00	563.50	.000
		Upstream HW & DNstream TW <	Inv. EI
565.80	.00	563.50	.000
		Upstream HW & DNstream TW <	Inv. EI
565.90	.00	563.50	.000
		Upstream HW & DNstream TW <	Inv. EI
566.00	.00	563.50	.000
		Upstream HW & DNstream TW <	Inv. EI
566.10	.00	563.50	.000
		Upstream HW & DNstream TW <	Inv. EI
566.20	.00	563.50	.000
		Upstream HW & DNstream TW <	Inv. EI
566.25	.00	563.50	.000

asbuilt basin 1 2 and 4.txt  
 566.30 .00 563.50 .000  
 Upstream HW & DNstream TW < Inv. EI  
 Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves Page 15.38  
 Name... Outlet 3

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
Computati on Messages			
566.40	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	
566.50	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	
566.60	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	
566.70	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	
566.75	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	
566.80	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	
566.90	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	
567.00	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	
567.10	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	
567.20	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	
567.25	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	
567.30	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	
567.40	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	
567.50	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	
567.60	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	
567.70	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	
567.75	.00	563.50	.000
		Upstream HW & DNstream TW < Inv. EI	

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Type... Individual Outlet Curves  
Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft
		Converge +/-ft
		Computation Messages
567.80	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI
567.90	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.00	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.10	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.20	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.25	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.30	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.40	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.50	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.60	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.70	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.75	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.80	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.90	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.00	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.10	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.20	.00	563.50 .000
		Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves

Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
569.25	.00	563.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
569.30	.00	563.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
569.40	.00	563.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
569.50	.00	563.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
569.60	.00	563.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
569.70	.00	563.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
569.75	.00	563.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
569.80	.00	563.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
569.90	.00	563.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
570.00	.00	563.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
570.10	.00	563.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
570.20	.00	563.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
570.30	.04	563.50	.000		
				CRIT. DEPTH CONTROL Vh= .042ft Dcr= .125ft CRIT. DEPTH Hev=	
.00ft					
570.40	.18	563.50	.000		
				CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft CRIT. DEPTH Hev=	
.00ft					
570.50	.38	563.50	.000		
				CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft CRIT. DEPTH Hev=	
.00ft					
570.60	.57	563.50	.000		
				CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft CRIT. DEPTH Hev=	
.00ft					
570.70	.88	563.50	.000		
				CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft CRIT. DEPTH Hev=	
.00ft					

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
570.80	1.23	563.50	.000	Vh= .136ft	Dcr= .390ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
570.90	1.62	563.50	.000	Vh= .154ft	Dcr= .437ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.00	2.01	563.50	.000	Vh= .177ft	Dcr= .500ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.10	2.52	563.50	.000	Vh= .195ft	Dcr= .547ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.20	3.13	563.50	.000	Vh= .220ft	Dcr= .609ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.30	3.76	563.50	.000	Vh= .245ft	Dcr= .672ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.40	4.42	563.50	.000	Vh= .271ft	Dcr= .734ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.50	4.97	563.50	.000	Vh= .291ft	Dcr= .781ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.60	5.90	563.50	.000	Vh= .322ft	Dcr= .851ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.70	6.54	563.50	.000	Vh= .351ft	Dcr= .914ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.80	7.40	563.50	.000	Vh= .377ft	Dcr= .968ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.90	8.18	563.50	.000	Vh= .404ft	Dcr= 1.023ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.00	9.04	563.50	.000	Vh= .429ft	Dcr= 1.070ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.10	9.81	563.50	.000	Vh= .454ft	Dcr= 1.117ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				

asbuilt basin 1 2 and 4.txt

572. 20	10. 77	563. 50	. 000			
. 00ft		CRI T. DEPTH CONTROL		Vh= . 485ft	Dcr= 1. 171ft	CRI T. DEPTH Hev=
572. 30	11. 58	563. 50	. 000			
. 00ft		CRI T. DEPTH CONTROL		Vh= . 513ft	Dcr= 1. 218ft	CRI T. DEPTH Hev=
572. 40	12. 43	563. 50	. 000			
. 00ft		CRI T. DEPTH CONTROL		Vh= . 548ft	Dcr= 1. 273ft	CRI T. DEPTH Hev=

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42. 48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
572. 50	13. 41	563. 50	. 000			
. 00ft		CRI T. DEPTH CONTROL		Vh= . 580ft	Dcr= 1. 320ft	CRI T. DEPTH Hev=
572. 60	14. 27	563. 50	. 000			
. 00ft		CRI T. DEPTH CONTROL		Vh= . 615ft	Dcr= 1. 367ft	CRI T. DEPTH Hev=
572. 70	15. 16	563. 50	. 000			
. 00ft		CRI T. DEPTH CONTROL		Vh= . 645ft	Dcr= 1. 406ft	CRI T. DEPTH Hev=
572. 80	16. 11	563. 50	. 000			
. 00ft		CRI T. DEPTH CONTROL		Vh= . 685ft	Dcr= 1. 452ft	CRI T. DEPTH Hev=
572. 90	17. 06	563. 50	. 000			
. 00ft		CRI T. DEPTH CONTROL		Vh= . 714ft	Dcr= 1. 484ft	CRI T. DEPTH Hev=
573. 00	17. 77	563. 50	. 000			
. 00ft		CRI T. DEPTH CONTROL		Vh= . 753ft	Dcr= 1. 523ft	CRI T. DEPTH Hev=
573. 10	18. 71	563. 50	. 000			
. 00ft		CRI T. DEPTH CONTROL		Vh= . 795ft	Dcr= 1. 562ft	CRI T. DEPTH Hev=
573. 20	19. 60	563. 50	. 000			
. 00ft		CRI T. DEPTH CONTROL		Vh= . 828ft	Dcr= 1. 589ft	CRI T. DEPTH Hev=
573. 30	20. 41	563. 50	. 000			
. 00ft		CRI T. DEPTH CONTROL		Vh= . 869ft	Dcr= 1. 620ft	CRI T. DEPTH Hev=
573. 40	21. 24	563. 50	. 000			
. 00ft		CRI T. DEPTH CONTROL		Vh= . 908ft	Dcr= 1. 648ft	CRI T. DEPTH Hev=

asbuilt basin 1 2 and 4.txt

.00ft	573.50	22.07	563.50	.000				
					CRIT. DEPTH CONTROL	Vh= .959ft	Dcr= 1.679ft	CRIT. DEPTH Hev=
.00ft	573.60	22.83	563.50	.000				
					CRIT. DEPTH CONTROL	Vh= 1.001ft	Dcr= 1.702ft	CRIT. DEPTH Hev=
.00ft	573.70	23.61	563.50	.000				
					CRIT. DEPTH CONTROL	Vh= 1.039ft	Dcr= 1.722ft	CRIT. DEPTH Hev=
.00ft	573.80	24.40	563.50	.000				
					CRIT. DEPTH CONTROL	Vh= 1.090ft	Dcr= 1.745ft	CRIT. DEPTH Hev=
.00ft	573.90	25.15	563.50	.000				
					CRIT. DEPTH CONTROL	Vh= 1.138ft	Dcr= 1.765ft	CRIT. DEPTH Hev=
.00ft	574.00	25.79	563.50	.000				
					CRIT. DEPTH CONTROL	Vh= 1.192ft	Dcr= 1.784ft	CRIT. DEPTH Hev=

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Type. . . . Individual Outlet Curves

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Name. . . . Outlet 3

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft
565.00	.00	563.75 .000
		Upstream HW & DNstream TW < Inv. EI
565.10	.06	563.75 .000
		CRIT. DEPTH CONTROL Vh= .024ft Dcr= .070ft CRIT. DEPTH Hev=
.00ft		
565.20	.20	563.75 .000
		CRIT. DEPTH CONTROL Vh= .024ft Dcr= .070ft H. JUMP IN PIPE Hev=
.00ft		
565.25	.45	563.75 .000
		CRIT. DEPTH CONTROL Vh= .047ft Dcr= .141ft CRIT. DEPTH Hev=
.00ft		
565.30	.66	563.75 .000
		CRIT. DEPTH CONTROL Vh= .060ft Dcr= .176ft CRIT. DEPTH Hev=
.00ft		
565.40	1.15	563.75 .000

asbuilt basin 1 2 and 4.txt

.00ft							
565.50	1.53	563.75	.000	CRI T. DEPTH CONTROL	Vh= .084ft	Dcr= .246ft	CRI T. DEPTH Hev=
.00ft							
565.60	2.55	563.75	.000	CRI T. DEPTH CONTROL	Vh= .109ft	Dcr= .316ft	CRI T. DEPTH Hev=
.00ft							
565.70	3.50	563.75	.000	CRI T. DEPTH CONTROL	Vh= .128ft	Dcr= .369ft	CRI T. DEPTH Hev=
.00ft							
565.75	3.78	563.75	.000	CRI T. DEPTH CONTROL	Vh= .153ft	Dcr= .439ft	CRI T. DEPTH Hev=
.00ft							
565.80	4.55	563.75	.000	CRI T. DEPTH CONTROL	Vh= .160ft	Dcr= .457ft	CRI T. DEPTH Hev=
.00ft							
565.90	5.35	563.75	.000	CRI T. DEPTH CONTROL	Vh= .173ft	Dcr= .492ft	CRI T. DEPTH Hev=
.00ft							
566.00	6.78	563.75	.000	CRI T. DEPTH CONTROL	Vh= .199ft	Dcr= .562ft	CRI T. DEPTH Hev=
.00ft							
566.10	8.10	563.75	.000	CRI T. DEPTH CONTROL	Vh= .227ft	Dcr= .633ft	CRI T. DEPTH Hev=
.00ft							
566.20	9.50	563.75	.000	CRI T. DEPTH CONTROL	Vh= .247ft	Dcr= .685ft	CRI T. DEPTH Hev=
.00ft							

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
566.25	10.19	563.75	.000			
.00ft				CRI T. DEPTH CONTROL	Vh= .283ft	Dcr= .773ft
566.30	11.18	563.75	.000			
.00ft				CRI T. DEPTH CONTROL	Vh= .294ft	Dcr= .799ft

asbuilt basin 1 2 and 4.txt

566.40	12.68	563.75	.000	Vh= .316ft	Dcr= .852ft	CRIT. DEPTH Hev=
.00ft						
566.50	14.41	563.75	.000	Vh= .347ft	Dcr= .922ft	CRIT. DEPTH Hev=
.00ft						
566.60	16.00	563.75	.000	Vh= .370ft	Dcr= .975ft	CRIT. DEPTH Hev=
.00ft						
566.70	17.89	563.75	.000	Vh= .395ft	Dcr= 1.028ft	CRIT. DEPTH Hev=
.00ft						
566.75	18.89	563.75	.000	Vh= .407ft	Dcr= 1.054ft	CRIT. DEPTH Hev=
.00ft						
566.80	19.64	563.75	.000	Vh= .424ft	Dcr= 1.089ft	CRIT. DEPTH Hev=
.00ft						
566.90	21.69	563.75	.000	Vh= .446ft	Dcr= 1.133ft	CRIT. DEPTH Hev=
.00ft						
567.00	23.54	563.75	.000	Vh= .478ft	Dcr= 1.195ft	CRIT. DEPTH Hev=
.00ft						
567.10	25.73	563.75	.000	Vh= .506ft	Dcr= 1.247ft	CRIT. DEPTH Hev=
.00ft						
567.20	27.74	563.75	.000	Vh= .536ft	Dcr= 1.300ft	CRIT. DEPTH Hev=
.00ft						
567.25	28.84	563.75	.000	Vh= .546ft	Dcr= 1.318ft	CRIT. DEPTH Hev=
.00ft						
567.30	29.95	563.75	.000	Vh= .561ft	Dcr= 1.344ft	CRIT. DEPTH Hev=
.00ft						
567.40	31.86	563.75	.000	Vh= .594ft	Dcr= 1.397ft	CRIT. DEPTH Hev=
.00ft						

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q

Tail Water

Notes

asbuilt basin 1 2 and 4.txt

WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
567.50	34.02	563.75	.000	Vh= .623ft	Dcr= 1.441ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.60	36.17	563.75	.000	Vh= .656ft	Dcr= 1.489ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.70	38.39	563.75	.000	Vh= .685ft	Dcr= 1.529ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.75	39.43	563.75	.000	Vh= .705ft	Dcr= 1.555ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.80	40.50	563.75	.000	Vh= .722ft	Dcr= 1.577ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.90	42.79	563.75	.000	Vh= .755ft	Dcr= 1.616ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.00	44.74	563.75	.000	Vh= .791ft	Dcr= 1.656ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.10	46.89	563.75	.000	Vh= .824ft	Dcr= 1.691ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.20	48.88	563.75	.000	Vh= .865ft	Dcr= 1.731ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.25	49.90	563.75	.000	Vh= .885ft	Dcr= 1.748ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.30	50.92	563.75	.000	Vh= .900ft	Dcr= 1.761ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.40	53.19	563.75	.000	Vh= .948ft	Dcr= 1.801ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.50	55.01	563.75	.000	Vh= .984ft	Dcr= 1.827ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.60	56.89	563.75	.000	Vh= 1.022ft	Dcr= 1.854ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.70	58.78	563.75	.000	Vh= 1.064ft	Dcr= 1.880ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				

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Type. . . . Individual Outlet Curves

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Name. . . . Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)  
Page 590

asbuilt basin 1 2 and 4.txt

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water		Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
568.75	59.96	563.75	.000	Vh= 1.086ft	Dcr= 1.893ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.80	61.02	563.75	.000	Vh= 1.117ft	Dcr= 1.911ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.90	62.63	563.75	.000	Vh= 1.160ft	Dcr= 1.933ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.00	64.35	563.75	.000	Vh= 1.197ft	Dcr= 1.950ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.10	66.30	563.75	.000	Vh= 1.253ft	Dcr= 1.974ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.20	68.19	563.75	.000	Vh= 1.298ft	Dcr= 1.992ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.25	68.94	563.75	.000	Vh= 1.329ft	Dcr= 2.003ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.30	69.82	563.75	.000	Vh= 1.348ft	Dcr= 2.010ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.40	71.56	563.75	.000	Vh= 1.396ft	Dcr= 2.025ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.50	73.06	563.75	.000	Vh= 1.448ft	Dcr= 2.040ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.60	74.74	563.75	.000	Vh= 1.498ft	Dcr= 2.053ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.70	76.18	563.75	.000	Vh= 1.543ft	Dcr= 2.064ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.75	77.09	563.75	.000	Vh= 1.572ft	Dcr= 2.071ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.80	77.69	563.75	.000	Vh= 1.602ft	Dcr= 2.078ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.90	79.68	563.75	.000	Vh= 1.657ft	Dcr= 2.089ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
570.00	80.81	563.75	.000	
		FULL FLOW...	Lfull=7.78ft	Vh=1.605ft HL=2.861ft Hev= .00ft
570.10	81.44	563.75	.000	
		FULL FLOW...	Lfull=26.21ft	Vh=1.630ft HL=3.224ft Hev= .00ft
570.20	82.22	563.75	.000	
		FULL FLOW...	Lfull=37.81ft	Vh=1.661ft HL=3.490ft Hev= .00ft
570.30	83.09	563.75	.000	
		FULL FLOW...	Lfull=44.88ft	Vh=1.697ft HL=3.692ft Hev= .00ft
570.40	83.97	563.75	.000	
		FULL FLOW...	Lfull=49.69ft	Vh=1.733ft HL=3.859ft Hev= .00ft
570.50	84.87	563.75	.000	
		FULL FLOW...	Lfull=53.41ft	Vh=1.770ft HL=4.012ft Hev= .00ft
570.60	85.78	563.75	.000	
		FULL FLOW...	Lfull=56.26ft	Vh=1.808ft HL=4.154ft Hev= .00ft
570.70	86.69	563.75	.000	
		FULL FLOW...	Lfull=58.51ft	Vh=1.847ft HL=4.285ft Hev= .00ft
570.80	87.63	563.75	.000	
		FULL FLOW...	Lfull=59.63ft	Vh=1.887ft HL=4.402ft Hev= .00ft
570.90	88.53	563.75	.000	
		FULL FLOW...	Lfull=60.97ft	Vh=1.926ft HL=4.520ft Hev= .00ft
571.00	89.44	563.75	.000	
		FULL FLOW...	Lfull=62.15ft	Vh=1.966ft HL=4.638ft Hev= .00ft
571.10	90.34	563.75	.000	
		FULL FLOW...	Lfull=63.07ft	Vh=2.006ft HL=4.751ft Hev= .00ft
571.20	91.22	563.75	.000	
		FULL FLOW...	Lfull=63.85ft	Vh=2.045ft HL=4.862ft Hev= .00ft
571.30	92.11	563.75	.000	
		FULL FLOW...	Lfull=64.52ft	Vh=2.085ft HL=4.971ft Hev= .00ft
571.40	93.00	563.75	.000	
		FULL FLOW...	Lfull=64.98ft	Vh=2.125ft HL=5.078ft Hev= .00ft

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asbuilt basin 1 2 and 4.txt

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
571.50	93.85	563.75	.000		
		FULL FLOW...	Lfull=65.60ft	Vh=2.165ft	HL=5.186ft Hev=.00ft
571.60	94.74	563.75	.000		
		FULL FLOW...	Lfull=65.92ft	Vh=2.206ft	HL=5.292ft Hev=.00ft
571.70	95.60	563.75	.000		
		FULL FLOW...	Lfull=66.32ft	Vh=2.246ft	HL=5.398ft Hev=.00ft
571.80	96.44	563.75	.000		
		FULL FLOW...	Lfull=66.70ft	Vh=2.286ft	HL=5.503ft Hev=.00ft
571.90	97.30	563.75	.000		
		FULL FLOW...	Lfull=66.90ft	Vh=2.327ft	HL=5.606ft Hev=.00ft
572.00	98.13	563.75	.000		
		FULL FLOW...	Lfull=67.24ft	Vh=2.367ft	HL=5.711ft Hev=.00ft
572.10	98.95	563.75	.000		
		FULL FLOW...	Lfull=67.53ft	Vh=2.406ft	HL=5.814ft Hev=.00ft
572.20	99.80	563.75	.000		
		FULL FLOW...	Lfull=67.63ft	Vh=2.448ft	HL=5.917ft Hev=.00ft
572.30	100.62	563.75	.000		
		FULL FLOW...	Lfull=67.79ft	Vh=2.488ft	HL=6.019ft Hev=.00ft
572.40	101.44	563.75	.000		
		FULL FLOW...	Lfull=67.92ft	Vh=2.529ft	HL=6.121ft Hev=.00ft
572.50	102.26	563.75	.000		
		FULL FLOW...	Lfull=68.00ft	Vh=2.570ft	HL=6.222ft Hev=.00ft
572.60	103.00	563.75	.000		
		FULL FLOW...	Lfull=68.69ft	Vh=2.607ft	HL=6.332ft Hev=.00ft
572.70	103.80	563.75	.000		
		FULL FLOW...	Lfull=68.71ft	Vh=2.648ft	HL=6.431ft Hev=.00ft
572.80	104.61	563.75	.000		
		FULL FLOW...	Lfull=68.78ft	Vh=2.689ft	HL=6.533ft Hev=.00ft
572.90	105.39	563.75	.000		
		FULL FLOW...	Lfull=68.80ft	Vh=2.729ft	HL=6.632ft Hev=.00ft

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

asbuilt basin 1 2 and 4.txt

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
573.00	106.18	563.75	.000		
		FULL FLOW...	Lfull=68.82ft	Vh=2.771ft	HL=6.733ft Hev= .00ft
573.10	106.96	563.75	.000		
		FULL FLOW...	Lfull=68.88ft	Vh=2.811ft	HL=6.833ft Hev= .00ft
573.20	107.74	563.75	.000		
		FULL FLOW...	Lfull=68.89ft	Vh=2.853ft	HL=6.934ft Hev= .00ft
573.30	108.50	563.75	.000		
		FULL FLOW...	Lfull=68.94ft	Vh=2.893ft	HL=7.034ft Hev= .00ft
573.40	109.27	563.75	.000		
		FULL FLOW...	Lfull=68.96ft	Vh=2.934ft	HL=7.135ft Hev= .00ft
573.50	110.04	563.75	.000		
		FULL FLOW...	Lfull=68.98ft	Vh=2.976ft	HL=7.235ft Hev= .00ft
573.60	110.78	563.75	.000		
		FULL FLOW...	Lfull=69.00ft	Vh=3.016ft	HL=7.335ft Hev= .00ft
573.70	111.53	563.75	.000		
		FULL FLOW...	Lfull=69.08ft	Vh=3.057ft	HL=7.437ft Hev= .00ft
573.80	112.28	563.75	.000		
		FULL FLOW...	Lfull=69.11ft	Vh=3.098ft	HL=7.538ft Hev= .00ft
573.90	113.01	563.75	.000		
		FULL FLOW...	Lfull=69.15ft	Vh=3.139ft	HL=7.638ft Hev= .00ft
574.00	113.74	563.75	.000		
		FULL FLOW...	Lfull=69.18ft	Vh=3.179ft	HL=7.738ft Hev= .00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

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4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
565.00	.00	563.75	.000		

asbuilt basin 1 2 and 4.txt

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565.10 .00 563.75 .000 Upstream HW & DNstream TW < Inv. EI
565.20 .00 563.75 .000 Upstream HW & DNstream TW < Inv. EI
565.25 .00 563.75 .000 Upstream HW & DNstream TW < Inv. EI
565.30 .00 563.75 .000 Upstream HW & DNstream TW < Inv. EI
565.40 .00 563.75 .000 Upstream HW & DNstream TW < Inv. EI
565.50 .00 563.75 .000 Upstream HW & DNstream TW < Inv. EI
565.60 .00 563.75 .000 Upstream HW & DNstream TW < Inv. EI
565.70 .00 563.75 .000 Upstream HW & DNstream TW < Inv. EI
565.75 .00 563.75 .000 Upstream HW & DNstream TW < Inv. EI
565.80 .00 563.75 .000 Upstream HW & DNstream TW < Inv. EI
565.90 .00 563.75 .000 Upstream HW & DNstream TW < Inv. EI
566.00 .00 563.75 .000 Upstream HW & DNstream TW < Inv. EI
566.10 .00 563.75 .000 Upstream HW & DNstream TW < Inv. EI
566.20 .00 563.75 .000 Upstream HW & DNstream TW < Inv. EI
566.25 .00 563.75 .000 Upstream HW & DNstream TW < Inv. EI
566.30 .00 563.75 .000 Upstream HW & DNstream TW < Inv. EI
    
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Type . . . Individual Outlet Curves  
 Name . . . Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
566.40	.00	563.75	.000	
				Upstream HW & DNstream TW < Inv. EI
566.50	.00	563.75	.000	
				Upstream HW & DNstream TW < Inv. EI
566.60	.00	563.75	.000	

asbuilt basin 1 2 and 4.txt

566.70	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
566.75	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
566.80	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
566.90	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
567.00	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
567.10	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
567.20	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
567.25	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
567.30	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
567.40	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
567.50	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
567.60	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
567.70	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
567.75	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El

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Type... Individual Outlet Curves  
Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
567.80	.00	563.75	.000	
567.90	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
568.00	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
568.10	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
568.20	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El

asbuilt basin 1 2 and 4.txt

568.25	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
568.30	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
568.40	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
568.50	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
568.60	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
568.70	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
568.75	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
568.80	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
568.90	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
569.00	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
569.10	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El
569.20	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
Computati on Messages			
569.25	.00	563.75	.000
569.30	.00	563.75	.000
569.40	.00	563.75	.000
569.50	.00	563.75	.000
569.60	.00	563.75	.000
569.70	.00	563.75	.000
569.75	.00	563.75	.000

asbuilt basin 1 2 and 4.txt

569.80	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El			
569.90	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El			
570.00	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El			
570.10	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El			
570.20	.00	563.75	.000	Upstream HW & DNstream TW < Inv. El			
570.30	.04	563.75	.000	Upstream HW & DNstream TW < Inv. El			
.00ft				CRI T. DEPTH CONTROL	Vh= .042ft	Dcr= .125ft	CRI T. DEPTH Hev=
570.40	.18	563.75	.000	Upstream HW & DNstream TW < Inv. El			
.00ft				CRI T. DEPTH CONTROL	Vh= .064ft	Dcr= .187ft	CRI T. DEPTH Hev=
570.50	.38	563.75	.000	Upstream HW & DNstream TW < Inv. El			
.00ft				CRI T. DEPTH CONTROL	Vh= .064ft	Dcr= .187ft	CRI T. DEPTH Hev=
570.60	.57	563.75	.000	Upstream HW & DNstream TW < Inv. El			
.00ft				CRI T. DEPTH CONTROL	Vh= .097ft	Dcr= .281ft	CRI T. DEPTH Hev=
570.70	.88	563.75	.000	Upstream HW & DNstream TW < Inv. El			
.00ft				CRI T. DEPTH CONTROL	Vh= .108ft	Dcr= .312ft	CRI T. DEPTH Hev=

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
570.80	1.23	563.75	.000
.00ft			
570.90	1.62	563.75	.000
.00ft			
571.00	2.01	563.75	.000
.00ft			
571.10	2.52	563.75	.000
.00ft			

asbuilt basin 1 2 and 4.txt

571.20	3.13	563.75	.000	Vh= .220ft	Dcr= .609ft	CRIT. DEPTH Hev=
.00ft						
571.30	3.76	563.75	.000	Vh= .245ft	Dcr= .672ft	CRIT. DEPTH Hev=
.00ft						
571.40	4.42	563.75	.000	Vh= .271ft	Dcr= .734ft	CRIT. DEPTH Hev=
.00ft						
571.50	4.97	563.75	.000	Vh= .291ft	Dcr= .781ft	CRIT. DEPTH Hev=
.00ft						
571.60	5.90	563.75	.000	Vh= .322ft	Dcr= .851ft	CRIT. DEPTH Hev=
.00ft						
571.70	6.54	563.75	.000	Vh= .351ft	Dcr= .914ft	CRIT. DEPTH Hev=
.00ft						
571.80	7.40	563.75	.000	Vh= .377ft	Dcr= .968ft	CRIT. DEPTH Hev=
.00ft						
571.90	8.18	563.75	.000	Vh= .404ft	Dcr= 1.023ft	CRIT. DEPTH Hev=
.00ft						
572.00	9.04	563.75	.000	Vh= .429ft	Dcr= 1.070ft	CRIT. DEPTH Hev=
.00ft						
572.10	9.81	563.75	.000	Vh= .454ft	Dcr= 1.117ft	CRIT. DEPTH Hev=
.00ft						
572.20	10.77	563.75	.000	Vh= .485ft	Dcr= 1.171ft	CRIT. DEPTH Hev=
.00ft						
572.30	11.58	563.75	.000	Vh= .513ft	Dcr= 1.218ft	CRIT. DEPTH Hev=
.00ft						
572.40	12.43	563.75	.000	Vh= .548ft	Dcr= 1.273ft	CRIT. DEPTH Hev=
.00ft						

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS El ev, Device Q	Tail Water	Notes
WS El ev. ft	Q cfs	TW El ev ft
	Converge +/-ft	Computati on Messages

asbuilt basin 1 2 and 4.txt

Water Surface Elevation (ft)	Outlet Number	Control Type	Control Value	Control Setting	Vh (ft)	Dcr (ft)	Hev (ft)
572.50	13.41	CRI T. DEPTH CONTROL	563.75	.000	.580	1.320	Hev=
572.60	14.27	CRI T. DEPTH CONTROL	563.75	.000	.615	1.367	Hev=
572.70	15.16	CRI T. DEPTH CONTROL	563.75	.000	.645	1.406	Hev=
572.80	16.11	CRI T. DEPTH CONTROL	563.75	.000	.685	1.452	Hev=
572.90	17.06	CRI T. DEPTH CONTROL	563.75	.000	.714	1.484	Hev=
573.00	17.77	CRI T. DEPTH CONTROL	563.75	.000	.753	1.523	Hev=
573.10	18.71	CRI T. DEPTH CONTROL	563.75	.000	.795	1.562	Hev=
573.20	19.60	CRI T. DEPTH CONTROL	563.75	.000	.828	1.589	Hev=
573.30	20.41	CRI T. DEPTH CONTROL	563.75	.000	.869	1.620	Hev=
573.40	21.24	CRI T. DEPTH CONTROL	563.75	.000	.908	1.648	Hev=
573.50	22.07	CRI T. DEPTH CONTROL	563.75	.000	.959	1.679	Hev=
573.60	22.83	CRI T. DEPTH CONTROL	563.75	.000	1.001	1.702	Hev=
573.70	23.61	CRI T. DEPTH CONTROL	563.75	.000	1.039	1.722	Hev=
573.80	24.40	CRI T. DEPTH CONTROL	563.75	.000	1.090	1.745	Hev=
573.90	25.15	CRI T. DEPTH CONTROL	563.75	.000	1.138	1.765	Hev=
574.00	25.79	CRI T. DEPTH CONTROL	563.75	.000	1.192	1.784	Hev=

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RATING TABLE FOR ONE OUTLET TYPE



asbuilt basin 1 2 and 4.txt  
 Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
565.00	.00	564.00	.000	Upstream HW & DNstream TW < Inv. EI		
565.10	.06	564.00	.000	Vh= .024ft	Dcr= .070ft	CRIT. DEPTH Hev=
.00ft						
565.20	.20	564.00	.000	Vh= .024ft	Dcr= .070ft	H. JUMP IN PIPE Hev=
.00ft						
565.25	.45	564.00	.000	Vh= .047ft	Dcr= .141ft	CRIT. DEPTH Hev=
.00ft						
565.30	.66	564.00	.000	Vh= .060ft	Dcr= .176ft	CRIT. DEPTH Hev=
.00ft						
565.40	1.15	564.00	.000	Vh= .084ft	Dcr= .246ft	CRIT. DEPTH Hev=
.00ft						
565.50	1.53	564.00	.000	Vh= .109ft	Dcr= .316ft	CRIT. DEPTH Hev=
.00ft						
565.60	2.55	564.00	.000	Vh= .128ft	Dcr= .369ft	CRIT. DEPTH Hev=
.00ft						
565.70	3.50	564.00	.000	Vh= .153ft	Dcr= .439ft	CRIT. DEPTH Hev=
.00ft						
565.75	3.78	564.00	.000	Vh= .160ft	Dcr= .457ft	CRIT. DEPTH Hev=
.00ft						
565.80	4.55	564.00	.000	Vh= .173ft	Dcr= .492ft	CRIT. DEPTH Hev=
.00ft						
565.90	5.35	564.00	.000	Vh= .199ft	Dcr= .562ft	CRIT. DEPTH Hev=
.00ft						
566.00	6.78	564.00	.000	Vh= .227ft	Dcr= .633ft	CRIT. DEPTH Hev=
.00ft						
566.10	8.10	564.00	.000	Vh= .247ft	Dcr= .685ft	CRIT. DEPTH Hev=
.00ft						
566.20	9.50	564.00	.000	Vh= .272ft	Dcr= .747ft	CRIT. DEPTH Hev=
.00ft						

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft
-----		
Computati on Messages		
-----		
566.25	10.19	564.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .283ft Dcr= .773ft CRIT. DEPTH Hev=
566.30	11.18	564.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .294ft Dcr= .799ft CRIT. DEPTH Hev=
566.40	12.68	564.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .316ft Dcr= .852ft CRIT. DEPTH Hev=
566.50	14.41	564.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .347ft Dcr= .922ft CRIT. DEPTH Hev=
566.60	16.00	564.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .370ft Dcr= .975ft CRIT. DEPTH Hev=
566.70	17.89	564.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .395ft Dcr= 1.028ft CRIT. DEPTH Hev=
566.75	18.89	564.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .407ft Dcr= 1.054ft CRIT. DEPTH Hev=
566.80	19.64	564.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .424ft Dcr= 1.089ft CRIT. DEPTH Hev=
566.90	21.69	564.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .446ft Dcr= 1.133ft CRIT. DEPTH Hev=
567.00	23.54	564.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .478ft Dcr= 1.195ft CRIT. DEPTH Hev=
567.10	25.73	564.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .506ft Dcr= 1.247ft CRIT. DEPTH Hev=
567.20	27.74	564.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .536ft Dcr= 1.300ft CRIT. DEPTH Hev=
567.25	28.84	564.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .546ft Dcr= 1.318ft CRIT. DEPTH Hev=

asbuilt basin 1 2 and 4.txt

567.30	29.95	564.00	.000			
.00ft		CRI T. DEPTH CONTROL	Vh= .561ft	Dcr= 1.344ft	CRI T. DEPTH Hev=	
567.40	31.86	564.00	.000			
.00ft		CRI T. DEPTH CONTROL	Vh= .594ft	Dcr= 1.397ft	CRI T. DEPTH Hev=	

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
567.50	34.02	564.00	.000			
.00ft		CRI T. DEPTH CONTROL	Vh= .623ft	Dcr= 1.441ft	CRI T. DEPTH Hev=	
567.60	36.17	564.00	.000			
.00ft		CRI T. DEPTH CONTROL	Vh= .656ft	Dcr= 1.489ft	CRI T. DEPTH Hev=	
567.70	38.39	564.00	.000			
.00ft		CRI T. DEPTH CONTROL	Vh= .685ft	Dcr= 1.529ft	CRI T. DEPTH Hev=	
567.75	39.43	564.00	.000			
.00ft		CRI T. DEPTH CONTROL	Vh= .705ft	Dcr= 1.555ft	CRI T. DEPTH Hev=	
567.80	40.50	564.00	.000			
.00ft		CRI T. DEPTH CONTROL	Vh= .722ft	Dcr= 1.577ft	CRI T. DEPTH Hev=	
567.90	42.79	564.00	.000			
.00ft		CRI T. DEPTH CONTROL	Vh= .755ft	Dcr= 1.616ft	CRI T. DEPTH Hev=	
568.00	44.74	564.00	.000			
.00ft		CRI T. DEPTH CONTROL	Vh= .791ft	Dcr= 1.656ft	CRI T. DEPTH Hev=	
568.10	46.89	564.00	.000			
.00ft		CRI T. DEPTH CONTROL	Vh= .824ft	Dcr= 1.691ft	CRI T. DEPTH Hev=	
568.20	48.88	564.00	.000			
.00ft		CRI T. DEPTH CONTROL	Vh= .865ft	Dcr= 1.731ft	CRI T. DEPTH Hev=	
568.25	49.90	564.00	.000			
		CRI T. DEPTH CONTROL	Vh= .885ft	Dcr= 1.748ft	CRI T. DEPTH Hev=	

asbuil t basin 1 2 and 4. txt

. 00ft	568. 30	50. 92	564. 00	. 000			
			CRI T. DEPTH CONTROL		Vh= . 900ft	Dcr= 1. 761ft	CRI T. DEPTH Hev=
. 00ft	568. 40	53. 19	564. 00	. 000			
			CRI T. DEPTH CONTROL		Vh= . 948ft	Dcr= 1. 801ft	CRI T. DEPTH Hev=
. 00ft	568. 50	55. 01	564. 00	. 000			
			CRI T. DEPTH CONTROL		Vh= . 984ft	Dcr= 1. 827ft	CRI T. DEPTH Hev=
. 00ft	568. 60	56. 89	564. 00	. 000			
			CRI T. DEPTH CONTROL		Vh= 1. 022ft	Dcr= 1. 854ft	CRI T. DEPTH Hev=
. 00ft	568. 70	58. 78	564. 00	. 000			
			CRI T. DEPTH CONTROL		Vh= 1. 064ft	Dcr= 1. 880ft	CRI T. DEPTH Hev=

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Type. . . . Individual Outlet Curves

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Name. . . . Outlet 3

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39. 82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev. ft	Converge +/-ft	Computati on Messages		
568. 75	59. 96	564. 00	. 000			
		CRI T. DEPTH CONTROL		Vh= 1. 086ft	Dcr= 1. 893ft	CRI T. DEPTH Hev=
. 00ft						
568. 80	61. 02	564. 00	. 000			
		CRI T. DEPTH CONTROL		Vh= 1. 117ft	Dcr= 1. 911ft	CRI T. DEPTH Hev=
. 00ft						
568. 90	62. 63	564. 00	. 000			
		CRI T. DEPTH CONTROL		Vh= 1. 160ft	Dcr= 1. 933ft	CRI T. DEPTH Hev=
. 00ft						
569. 00	64. 35	564. 00	. 000			
		CRI T. DEPTH CONTROL		Vh= 1. 197ft	Dcr= 1. 950ft	CRI T. DEPTH Hev=
. 00ft						
569. 10	66. 30	564. 00	. 000			
		CRI T. DEPTH CONTROL		Vh= 1. 253ft	Dcr= 1. 974ft	CRI T. DEPTH Hev=
. 00ft						
569. 20	68. 19	564. 00	. 000			
		CRI T. DEPTH CONTROL		Vh= 1. 298ft	Dcr= 1. 992ft	CRI T. DEPTH Hev=
. 00ft						
569. 25	68. 94	564. 00	. 000			

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.00ft	569.30	69.82	564.00	.000	CRI T. DEPTH CONTROL	Vh= 1.329ft	Dcr= 2.003ft	CRI T. DEPTH Hev=
.00ft	569.40	71.56	564.00	.000	CRI T. DEPTH CONTROL	Vh= 1.348ft	Dcr= 2.010ft	CRI T. DEPTH Hev=
.00ft	569.50	73.06	564.00	.000	CRI T. DEPTH CONTROL	Vh= 1.396ft	Dcr= 2.025ft	CRI T. DEPTH Hev=
.00ft	569.60	74.74	564.00	.000	CRI T. DEPTH CONTROL	Vh= 1.498ft	Dcr= 2.053ft	CRI T. DEPTH Hev=
.00ft	569.70	76.18	564.00	.000	CRI T. DEPTH CONTROL	Vh= 1.543ft	Dcr= 2.064ft	CRI T. DEPTH Hev=
.00ft	569.75	77.09	564.00	.000	CRI T. DEPTH CONTROL	Vh= 1.572ft	Dcr= 2.071ft	CRI T. DEPTH Hev=
.00ft	569.80	77.69	564.00	.000	CRI T. DEPTH CONTROL	Vh= 1.602ft	Dcr= 2.078ft	CRI T. DEPTH Hev=
.00ft	569.90	79.68	564.00	.000	CRI T. DEPTH CONTROL	Vh= 1.657ft	Dcr= 2.089ft	CRI T. DEPTH Hev=

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
570.00	80.81	564.00	.000
570.10	81.44	564.00	.000
570.20	82.22	564.00	.000
570.30	83.09	564.00	.000
570.40	83.97	564.00	.000

asbuilt basin 1 2 and 4.txt

570.50	84.87	564.00	.000	FULL FLOW... Lfull=49.69ft	Vh=1.733ft	HL=3.859ft	Hev= .00ft
570.60	85.78	564.00	.000	FULL FLOW... Lfull=53.41ft	Vh=1.770ft	HL=4.012ft	Hev= .00ft
570.70	86.69	564.00	.000	FULL FLOW... Lfull=56.26ft	Vh=1.808ft	HL=4.154ft	Hev= .00ft
570.80	87.63	564.00	.000	FULL FLOW... Lfull=58.51ft	Vh=1.847ft	HL=4.285ft	Hev= .00ft
570.90	88.53	564.00	.000	FULL FLOW... Lfull=59.63ft	Vh=1.887ft	HL=4.402ft	Hev= .00ft
571.00	89.44	564.00	.000	FULL FLOW... Lfull=60.97ft	Vh=1.926ft	HL=4.520ft	Hev= .00ft
571.10	90.34	564.00	.000	FULL FLOW... Lfull=62.15ft	Vh=1.966ft	HL=4.638ft	Hev= .00ft
571.20	91.22	564.00	.000	FULL FLOW... Lfull=63.07ft	Vh=2.006ft	HL=4.751ft	Hev= .00ft
571.30	92.11	564.00	.000	FULL FLOW... Lfull=63.85ft	Vh=2.045ft	HL=4.862ft	Hev= .00ft
571.40	93.00	564.00	.000	FULL FLOW... Lfull=64.52ft	Vh=2.085ft	HL=4.971ft	Hev= .00ft
				FULL FLOW... Lfull=64.98ft	Vh=2.125ft	HL=5.078ft	Hev= .00ft

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Type... Individual Outlet Curves  
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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
571.50	93.85	564.00	.000		
571.60	94.74	564.00	.000	FULL FLOW... Lfull=65.60ft	Vh=2.165ft HL=5.186ft Hev= .00ft
571.70	95.60	564.00	.000	FULL FLOW... Lfull=65.92ft	Vh=2.206ft HL=5.292ft Hev= .00ft
571.80	96.44	564.00	.000	FULL FLOW... Lfull=66.32ft	Vh=2.246ft HL=5.398ft Hev= .00ft
571.90	97.30	564.00	.000	FULL FLOW... Lfull=66.70ft	Vh=2.286ft HL=5.503ft Hev= .00ft
572.00	98.13	564.00	.000	FULL FLOW... Lfull=66.90ft	Vh=2.327ft HL=5.606ft Hev= .00ft
572.10	98.95	564.00	.000	FULL FLOW... Lfull=67.24ft	Vh=2.367ft HL=5.711ft Hev= .00ft
				FULL FLOW... Lfull=67.53ft	Vh=2.406ft HL=5.814ft Hev= .00ft

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572.20	99.80	564.00	.000	FULL FLOW... Lfull=67.63ft	Vh=2.448ft	HL=5.917ft	Hev=.00ft
572.30	100.62	564.00	.000	FULL FLOW... Lfull=67.79ft	Vh=2.488ft	HL=6.019ft	Hev=.00ft
572.40	101.44	564.00	.000	FULL FLOW... Lfull=67.92ft	Vh=2.529ft	HL=6.121ft	Hev=.00ft
572.50	102.26	564.00	.000	FULL FLOW... Lfull=68.00ft	Vh=2.570ft	HL=6.222ft	Hev=.00ft
572.60	103.00	564.00	.000	FULL FLOW... Lfull=68.69ft	Vh=2.607ft	HL=6.332ft	Hev=.00ft
572.70	103.80	564.00	.000	FULL FLOW... Lfull=68.71ft	Vh=2.648ft	HL=6.431ft	Hev=.00ft
572.80	104.61	564.00	.000	FULL FLOW... Lfull=68.78ft	Vh=2.689ft	HL=6.533ft	Hev=.00ft
572.90	105.39	564.00	.000	FULL FLOW... Lfull=68.80ft	Vh=2.729ft	HL=6.632ft	Hev=.00ft

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Type... Individual Outlet Curves  
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4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
573.00	106.18	564.00	.000	FULL FLOW... Lfull=68.82ft Vh=2.771ft HL=6.733ft Hev=.00ft
573.10	106.96	564.00	.000	FULL FLOW... Lfull=68.88ft Vh=2.811ft HL=6.833ft Hev=.00ft
573.20	107.74	564.00	.000	FULL FLOW... Lfull=68.89ft Vh=2.853ft HL=6.934ft Hev=.00ft
573.30	108.50	564.00	.000	FULL FLOW... Lfull=68.94ft Vh=2.893ft HL=7.034ft Hev=.00ft
573.40	109.27	564.00	.000	FULL FLOW... Lfull=68.96ft Vh=2.934ft HL=7.135ft Hev=.00ft
573.50	110.04	564.00	.000	FULL FLOW... Lfull=68.98ft Vh=2.976ft HL=7.235ft Hev=.00ft
573.60	110.78	564.00	.000	FULL FLOW... Lfull=69.00ft Vh=3.016ft HL=7.335ft Hev=.00ft
573.70	111.53	564.00	.000	FULL FLOW... Lfull=69.08ft Vh=3.057ft HL=7.437ft Hev=.00ft
573.80	112.28	564.00	.000	FULL FLOW... Lfull=69.11ft Vh=3.098ft HL=7.538ft Hev=.00ft
573.90	113.01	564.00	.000	

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574.00 113.74 FULL FLOW... Lfull=69.15ft Vh=3.139ft HL=7.638ft Hev= .00ft  
 564.00 .000  
 FULL FLOW... Lfull=69.18ft Vh=3.179ft HL=7.738ft Hev= .00ft

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Type... Individual Outlet Curves  
 Name... Outlet 3

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft
Computati on Messages		
565.00	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
565.10	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
565.20	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
565.25	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
565.30	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
565.40	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
565.50	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
565.60	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
565.70	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
565.75	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
565.80	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
565.90	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
566.00	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
566.10	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
566.20	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
566.25	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
566.30	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI



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Type... Individual Outlet Curves  
Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft	Computati on Messages
566.40	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	
566.50	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	
566.60	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	
566.70	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	
566.75	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	
566.80	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	
566.90	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	
567.00	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	
567.10	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	
567.20	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	
567.25	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	
567.30	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	
567.40	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	
567.50	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	
567.60	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	
567.70	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	
567.75	.00	564.00 .000	
		Upstream HW & DNstream TW < Inv. EI	

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4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
567.80	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI
567.90	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI
568.00	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI
568.10	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI
568.20	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI
568.25	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI
568.30	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI
568.40	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI
568.50	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI
568.60	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI
568.70	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI
568.75	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI
568.80	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI
568.90	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI
569.00	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI
569.10	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI
569.20	.00	564.00	.000	
		Upstream HW	& DNstream TW	< Inv. EI

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4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft
Computati on Messages		
569.25	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.30	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.40	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.50	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.60	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.70	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.75	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.80	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.90	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
570.00	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
570.10	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
570.20	.00	564.00 .000
		Upstream HW & DNstream TW < Inv. EI
570.30	.04	564.00 .000
		CRIT. DEPTH CONTROL Vh= .042ft Dcr= .125ft CRIT. DEPTH Hev=
.00ft		
570.40	.18	564.00 .000
		CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft CRIT. DEPTH Hev=
.00ft		
570.50	.38	564.00 .000
		CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft CRIT. DEPTH Hev=
.00ft		
570.60	.57	564.00 .000
		CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft CRIT. DEPTH Hev=
.00ft		
570.70	.88	564.00 .000
		CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft CRIT. DEPTH Hev=
.00ft		

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Name... Outlet 3

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
570.80	1.23	564.00	.000	Vh= .136ft	Dcr= .390ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
570.90	1.62	564.00	.000	Vh= .154ft	Dcr= .437ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.00	2.01	564.00	.000	Vh= .177ft	Dcr= .500ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.10	2.52	564.00	.000	Vh= .195ft	Dcr= .547ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.20	3.13	564.00	.000	Vh= .220ft	Dcr= .609ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.30	3.76	564.00	.000	Vh= .245ft	Dcr= .672ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.40	4.42	564.00	.000	Vh= .271ft	Dcr= .734ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.50	4.97	564.00	.000	Vh= .291ft	Dcr= .781ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.60	5.90	564.00	.000	Vh= .322ft	Dcr= .851ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.70	6.54	564.00	.000	Vh= .351ft	Dcr= .914ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.80	7.40	564.00	.000	Vh= .377ft	Dcr= .968ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.90	8.18	564.00	.000	Vh= .404ft	Dcr= 1.023ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.00	9.04	564.00	.000	Vh= .429ft	Dcr= 1.070ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.10	9.81	564.00	.000	Vh= .454ft	Dcr= 1.117ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.20	10.77	564.00	.000	Vh= .485ft	Dcr= 1.171ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			

asbuilt basin 1 2 and 4.txt

572.30 11.58 564.00 .000  
 CRIT. DEPTH CONTROL Vh= .513ft Dcr= 1.218ft CRIT. DEPTH Hev=  
 .00ft  
 572.40 12.43 564.00 .000  
 CRIT. DEPTH CONTROL Vh= .548ft Dcr= 1.273ft CRIT. DEPTH Hev=  
 .00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
572.50	13.41	564.00	.000	Vh= .580ft	Dcr= 1.320ft CRIT. DEPTH Hev= .00ft
572.60	14.27	564.00	.000	Vh= .615ft	Dcr= 1.367ft CRIT. DEPTH Hev= .00ft
572.70	15.16	564.00	.000	Vh= .645ft	Dcr= 1.406ft CRIT. DEPTH Hev= .00ft
572.80	16.11	564.00	.000	Vh= .685ft	Dcr= 1.452ft CRIT. DEPTH Hev= .00ft
572.90	17.06	564.00	.000	Vh= .714ft	Dcr= 1.484ft CRIT. DEPTH Hev= .00ft
573.00	17.77	564.00	.000	Vh= .753ft	Dcr= 1.523ft CRIT. DEPTH Hev= .00ft
573.10	18.71	564.00	.000	Vh= .795ft	Dcr= 1.562ft CRIT. DEPTH Hev= .00ft
573.20	19.60	564.00	.000	Vh= .828ft	Dcr= 1.589ft CRIT. DEPTH Hev= .00ft
573.30	20.41	564.00	.000	Vh= .869ft	Dcr= 1.620ft CRIT. DEPTH Hev= .00ft
573.40	21.24	564.00	.000	Vh= .908ft	Dcr= 1.648ft CRIT. DEPTH Hev= .00ft
573.50	22.07	564.00	.000	Vh= .959ft	Dcr= 1.679ft CRIT. DEPTH Hev= .00ft

asbuil t basin 1 2 and 4. txt

. 00ft	573. 60	22. 83	564. 00	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 001ft	Dcr= 1. 702ft	CRI T. DEPTH	Hev=
. 00ft	573. 70	23. 61	564. 00	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 039ft	Dcr= 1. 722ft	CRI T. DEPTH	Hev=
. 00ft	573. 80	24. 40	564. 00	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 090ft	Dcr= 1. 745ft	CRI T. DEPTH	Hev=
. 00ft	573. 90	25. 15	564. 00	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 138ft	Dcr= 1. 765ft	CRI T. DEPTH	Hev=
. 00ft	574. 00	25. 79	564. 00	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 192ft	Dcr= 1. 784ft	CRI T. DEPTH	Hev=

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Type. . . . Individual Outlet Curves

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Name. . . . Outlet 3

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39. 82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
565. 00	. 00	564. 25	. 000	Upstream HW & DNstream TW < Inv. EI	
565. 10	. 06	564. 25	. 000	Vh= . 024ft	Dcr= . 070ft H. JUMP IN PIPE Hev=
. 00ft					
565. 20	. 20	564. 25	. 000	Vh= . 024ft	Dcr= . 070ft H. JUMP IN PIPE Hev=
. 00ft					
565. 25	. 45	564. 25	. 000	Vh= . 047ft	Dcr= . 141ft H. JUMP IN PIPE Hev=
. 00ft					
565. 30	. 66	564. 25	. 000	Vh= . 060ft	Dcr= . 176ft H. JUMP IN PIPE Hev=
. 00ft					
565. 40	1. 15	564. 25	. 000	Vh= . 084ft	Dcr= . 246ft H. JUMP IN PIPE Hev=
. 00ft					
565. 50	1. 53	564. 25	. 000		

asbuilt basin 1 2 and 4.txt

.00ft	565.60	2.55	564.25	.000	CRI T. DEPTH CONTROL	Vh= .109ft	Dcr= .316ft	CRI T. DEPTH Hev=
.00ft	565.70	3.50	564.25	.000	CRI T. DEPTH CONTROL	Vh= .128ft	Dcr= .369ft	CRI T. DEPTH Hev=
.00ft	565.75	3.78	564.25	.000	CRI T. DEPTH CONTROL	Vh= .153ft	Dcr= .439ft	CRI T. DEPTH Hev=
.00ft	565.80	4.55	564.25	.000	CRI T. DEPTH CONTROL	Vh= .160ft	Dcr= .457ft	CRI T. DEPTH Hev=
.00ft	565.90	5.35	564.25	.000	CRI T. DEPTH CONTROL	Vh= .173ft	Dcr= .492ft	CRI T. DEPTH Hev=
.00ft	566.00	6.78	564.25	.000	CRI T. DEPTH CONTROL	Vh= .199ft	Dcr= .562ft	CRI T. DEPTH Hev=
.00ft	566.10	8.10	564.25	.000	CRI T. DEPTH CONTROL	Vh= .227ft	Dcr= .633ft	CRI T. DEPTH Hev=
.00ft	566.20	9.50	564.25	.000	CRI T. DEPTH CONTROL	Vh= .247ft	Dcr= .685ft	CRI T. DEPTH Hev=
.00ft					CRI T. DEPTH CONTROL	Vh= .272ft	Dcr= .747ft	CRI T. DEPTH Hev=

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
566.25	10.19	564.25	.000	Vh= .283ft	Dcr= .773ft	CRI T. DEPTH Hev=
.00ft						
566.30	11.18	564.25	.000	Vh= .294ft	Dcr= .799ft	CRI T. DEPTH Hev=
.00ft						
566.40	12.68	564.25	.000	Vh= .316ft	Dcr= .852ft	CRI T. DEPTH Hev=
.00ft						

asbuilt basin 1 2 and 4.txt

566.50	14.41	564.25	.000	Vh= .347ft	Dcr= .922ft	CRIT. DEPTH Hev=
.00ft						
566.60	16.00	564.25	.000	Vh= .370ft	Dcr= .975ft	CRIT. DEPTH Hev=
.00ft						
566.70	17.89	564.25	.000	Vh= .395ft	Dcr= 1.028ft	CRIT. DEPTH Hev=
.00ft						
566.75	18.89	564.25	.000	Vh= .407ft	Dcr= 1.054ft	CRIT. DEPTH Hev=
.00ft						
566.80	19.64	564.25	.000	Vh= .424ft	Dcr= 1.089ft	CRIT. DEPTH Hev=
.00ft						
566.90	21.69	564.25	.000	Vh= .446ft	Dcr= 1.133ft	CRIT. DEPTH Hev=
.00ft						
567.00	23.54	564.25	.000	Vh= .478ft	Dcr= 1.195ft	CRIT. DEPTH Hev=
.00ft						
567.10	25.73	564.25	.000	Vh= .506ft	Dcr= 1.247ft	CRIT. DEPTH Hev=
.00ft						
567.20	27.74	564.25	.000	Vh= .536ft	Dcr= 1.300ft	CRIT. DEPTH Hev=
.00ft						
567.25	28.84	564.25	.000	Vh= .546ft	Dcr= 1.318ft	CRIT. DEPTH Hev=
.00ft						
567.30	29.95	564.25	.000	Vh= .561ft	Dcr= 1.344ft	CRIT. DEPTH Hev=
.00ft						
567.40	31.86	564.25	.000	Vh= .594ft	Dcr= 1.397ft	CRIT. DEPTH Hev=
.00ft						

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes
WS Elev.	Q	TW Elev	Converge
ft	cfs	ft	+/-ft
-----			
Computati on Messages			
Page 616			



asbuil t basin 1 2 and 4. txt

567.50	34.02	564.25	.000	Vh= .623ft	Dcr= 1.441ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.60	36.17	564.25	.000	Vh= .656ft	Dcr= 1.489ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.70	38.39	564.25	.000	Vh= .685ft	Dcr= 1.529ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.75	39.43	564.25	.000	Vh= .705ft	Dcr= 1.555ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.80	40.50	564.25	.000	Vh= .722ft	Dcr= 1.577ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.90	42.79	564.25	.000	Vh= .755ft	Dcr= 1.616ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.00	44.74	564.25	.000	Vh= .791ft	Dcr= 1.656ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.10	46.89	564.25	.000	Vh= .824ft	Dcr= 1.691ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.20	48.88	564.25	.000	Vh= .865ft	Dcr= 1.731ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.25	49.90	564.25	.000	Vh= .885ft	Dcr= 1.748ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.30	50.92	564.25	.000	Vh= .900ft	Dcr= 1.761ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.40	53.19	564.25	.000	Vh= .948ft	Dcr= 1.801ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.50	55.01	564.25	.000	Vh= .984ft	Dcr= 1.827ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.60	56.89	564.25	.000	Vh= 1.022ft	Dcr= 1.854ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.70	58.78	564.25	.000	Vh= 1.064ft	Dcr= 1.880ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)

asbuilt basin 1 2 and 4.txt  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
568.75	59.96	564.25	.000	Vh= 1.086ft Dcr= 1.893ft CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH CONTROL		
568.80	61.02	564.25	.000	Vh= 1.117ft Dcr= 1.911ft CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH CONTROL		
568.90	62.63	564.25	.000	Vh= 1.160ft Dcr= 1.933ft CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH CONTROL		
569.00	64.35	564.25	.000	Vh= 1.197ft Dcr= 1.950ft CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH CONTROL		
569.10	66.30	564.25	.000	Vh= 1.253ft Dcr= 1.974ft CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH CONTROL		
569.20	68.19	564.25	.000	Vh= 1.298ft Dcr= 1.992ft CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH CONTROL		
569.25	68.94	564.25	.000	Vh= 1.329ft Dcr= 2.003ft CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH CONTROL		
569.30	69.82	564.25	.000	Vh= 1.348ft Dcr= 2.010ft CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH CONTROL		
569.40	71.56	564.25	.000	Vh= 1.396ft Dcr= 2.025ft CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH CONTROL		
569.50	73.06	564.25	.000	Vh= 1.448ft Dcr= 2.040ft CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH CONTROL		
569.60	74.74	564.25	.000	Vh= 1.498ft Dcr= 2.053ft CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH CONTROL		
569.70	76.18	564.25	.000	Vh= 1.543ft Dcr= 2.064ft CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH CONTROL		
569.75	77.09	564.25	.000	Vh= 1.572ft Dcr= 2.071ft CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH CONTROL		
569.80	77.69	564.25	.000	Vh= 1.602ft Dcr= 2.078ft CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH CONTROL		
569.90	79.68	564.25	.000	Vh= 1.657ft Dcr= 2.089ft CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH CONTROL		

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Type. . . . Individual Outlet Curves  
 Name. . . . Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
570.00	80.81	564.25	.000			
		FULL FLOW. . .	Lfull =7.78ft	Vh=1.605ft	HL=2.861ft	Hev= .00ft
570.10	81.44	564.25	.000			
		FULL FLOW. . .	Lfull =26.21ft	Vh=1.630ft	HL=3.224ft	Hev= .00ft
570.20	82.22	564.25	.000			
		FULL FLOW. . .	Lfull =37.81ft	Vh=1.661ft	HL=3.490ft	Hev= .00ft
570.30	83.09	564.25	.000			
		FULL FLOW. . .	Lfull =44.88ft	Vh=1.697ft	HL=3.692ft	Hev= .00ft
570.40	83.97	564.25	.000			
		FULL FLOW. . .	Lfull =49.69ft	Vh=1.733ft	HL=3.859ft	Hev= .00ft
570.50	84.87	564.25	.000			
		FULL FLOW. . .	Lfull =53.41ft	Vh=1.770ft	HL=4.012ft	Hev= .00ft
570.60	85.78	564.25	.000			
		FULL FLOW. . .	Lfull =56.26ft	Vh=1.808ft	HL=4.154ft	Hev= .00ft
570.70	86.69	564.25	.000			
		FULL FLOW. . .	Lfull =58.51ft	Vh=1.847ft	HL=4.285ft	Hev= .00ft
570.80	87.63	564.25	.000			
		FULL FLOW. . .	Lfull =59.63ft	Vh=1.887ft	HL=4.402ft	Hev= .00ft
570.90	88.53	564.25	.000			
		FULL FLOW. . .	Lfull =60.97ft	Vh=1.926ft	HL=4.520ft	Hev= .00ft
571.00	89.44	564.25	.000			
		FULL FLOW. . .	Lfull =62.15ft	Vh=1.966ft	HL=4.638ft	Hev= .00ft
571.10	90.34	564.25	.000			
		FULL FLOW. . .	Lfull =63.07ft	Vh=2.006ft	HL=4.751ft	Hev= .00ft
571.20	91.22	564.25	.000			
		FULL FLOW. . .	Lfull =63.85ft	Vh=2.045ft	HL=4.862ft	Hev= .00ft
571.30	92.11	564.25	.000			
		FULL FLOW. . .	Lfull =64.52ft	Vh=2.085ft	HL=4.971ft	Hev= .00ft
571.40	93.00	564.25	.000			
		FULL FLOW. . .	Lfull =64.98ft	Vh=2.125ft	HL=5.078ft	Hev= .00ft

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Type . . . Individual Outlet Curves

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Name . . . Outlet 3

RATING TABLE FOR ONE OUTLET TYPE

asbuilt basin 1 2 and 4.txt

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
571.50	93.85	564.25	.000			
		FULL FLOW...	Lfull=65.60ft	Vh=2.165ft	HL=5.186ft	Hev=.00ft
571.60	94.74	564.25	.000			
		FULL FLOW...	Lfull=65.92ft	Vh=2.206ft	HL=5.292ft	Hev=.00ft
571.70	95.60	564.25	.000			
		FULL FLOW...	Lfull=66.32ft	Vh=2.246ft	HL=5.398ft	Hev=.00ft
571.80	96.44	564.25	.000			
		FULL FLOW...	Lfull=66.70ft	Vh=2.286ft	HL=5.503ft	Hev=.00ft
571.90	97.30	564.25	.000			
		FULL FLOW...	Lfull=66.90ft	Vh=2.327ft	HL=5.606ft	Hev=.00ft
572.00	98.13	564.25	.000			
		FULL FLOW...	Lfull=67.24ft	Vh=2.367ft	HL=5.711ft	Hev=.00ft
572.10	98.95	564.25	.000			
		FULL FLOW...	Lfull=67.53ft	Vh=2.406ft	HL=5.814ft	Hev=.00ft
572.20	99.80	564.25	.000			
		FULL FLOW...	Lfull=67.63ft	Vh=2.448ft	HL=5.917ft	Hev=.00ft
572.30	100.62	564.25	.000			
		FULL FLOW...	Lfull=67.79ft	Vh=2.488ft	HL=6.019ft	Hev=.00ft
572.40	101.44	564.25	.000			
		FULL FLOW...	Lfull=67.92ft	Vh=2.529ft	HL=6.121ft	Hev=.00ft
572.50	102.26	564.25	.000			
		FULL FLOW...	Lfull=68.00ft	Vh=2.570ft	HL=6.222ft	Hev=.00ft
572.60	103.00	564.25	.000			
		FULL FLOW...	Lfull=68.69ft	Vh=2.607ft	HL=6.332ft	Hev=.00ft
572.70	103.80	564.25	.000			
		FULL FLOW...	Lfull=68.71ft	Vh=2.648ft	HL=6.431ft	Hev=.00ft
572.80	104.61	564.25	.000			
		FULL FLOW...	Lfull=68.78ft	Vh=2.689ft	HL=6.533ft	Hev=.00ft
572.90	105.39	564.25	.000			
		FULL FLOW...	Lfull=68.80ft	Vh=2.729ft	HL=6.632ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

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asbuilt basin 1 2 and 4.txt  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS El ev, Device Q	Tail Water	Notes
WS El ev. ft	Q cfs	TW El ev ft
		Converge +/-ft
-----		
Computati on Messages		
-----		
573.00	106.18	564.25 .000
		FULL FLOW... Lfull=68.82ft
		Vh=2.771ft HL=6.733ft Hev= .00ft
573.10	106.96	564.25 .000
		FULL FLOW... Lfull=68.88ft
		Vh=2.811ft HL=6.833ft Hev= .00ft
573.20	107.74	564.25 .000
		FULL FLOW... Lfull=68.89ft
		Vh=2.853ft HL=6.934ft Hev= .00ft
573.30	108.50	564.25 .000
		FULL FLOW... Lfull=68.94ft
		Vh=2.893ft HL=7.034ft Hev= .00ft
573.40	109.27	564.25 .000
		FULL FLOW... Lfull=68.96ft
		Vh=2.934ft HL=7.135ft Hev= .00ft
573.50	110.04	564.25 .000
		FULL FLOW... Lfull=68.98ft
		Vh=2.976ft HL=7.235ft Hev= .00ft
573.60	110.78	564.25 .000
		FULL FLOW... Lfull=69.00ft
		Vh=3.016ft HL=7.335ft Hev= .00ft
573.70	111.53	564.25 .000
		FULL FLOW... Lfull=69.08ft
		Vh=3.057ft HL=7.437ft Hev= .00ft
573.80	112.28	564.25 .000
		FULL FLOW... Lfull=69.11ft
		Vh=3.098ft HL=7.538ft Hev= .00ft
573.90	113.01	564.25 .000
		FULL FLOW... Lfull=69.15ft
		Vh=3.139ft HL=7.638ft Hev= .00ft
574.00	113.74	564.25 .000
		FULL FLOW... Lfull=69.18ft
		Vh=3.179ft HL=7.738ft Hev= .00ft

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Type... Individual Outlet Curves  
 Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS El ev, Device Q	Tail Water	Notes
WS El ev. ft	Q cfs	TW El ev ft
		Converge +/-ft
-----		
Computati on Messages		
-----		
565.00	.00	564.25 .000
		Upstream HW & DNstream TW < Inv. EI
565.10	.00	564.25 .000
		Upstream HW & DNstream TW < Inv. EI

asbuilt basin 1 2 and 4.txt

565.20	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI
565.25	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI
565.30	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI
565.40	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI
565.50	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI
565.60	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI
565.70	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI
565.75	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI
565.80	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI
565.90	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI
566.00	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI
566.10	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI
566.20	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI
566.25	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI
566.30	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft
566.40	.00	564.25 .000
566.50	.00	564.25 .000
566.60	.00	564.25 .000
566.70	.00	564.25 .000

asbuilt basin 1 2 and 4.txt

```

566.75 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
566.80 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
566.90 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
567.00 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
567.10 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
567.20 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
567.25 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
567.30 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
567.40 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
567.50 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
567.60 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
567.70 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
567.75 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
    
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S/N:

PondPack Ver:

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Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes
WS Elev.	Q	TW Elev	Converge	Computation Messages
ft	cfs	ft	+/-ft	
567.80	.00	564.25	.000	
				Upstream HW & DNstream TW < Inv. EI
567.90	.00	564.25	.000	
				Upstream HW & DNstream TW < Inv. EI
568.00	.00	564.25	.000	
				Upstream HW & DNstream TW < Inv. EI
568.10	.00	564.25	.000	
				Upstream HW & DNstream TW < Inv. EI
568.20	.00	564.25	.000	
				Upstream HW & DNstream TW < Inv. EI
568.25	.00	564.25	.000	
				Upstream HW & DNstream TW < Inv. EI

asbuilt basin 1 2 and 4.txt

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568.30 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
568.40 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
568.50 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
568.60 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
568.70 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
568.75 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
568.80 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
568.90 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
569.00 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
569.10 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI
569.20 .00 564.25 .000
        Upstream HW & DNstream TW < Inv. EI

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S/N:

PondPack Ver:

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Type... Individual Outlet Curves  
 Name... Outlet 3

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File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft	Computation Messages
569.25	.00	564.25 .000	
		Upstream HW & DNstream TW < Inv. EI	
569.30	.00	564.25 .000	
		Upstream HW & DNstream TW < Inv. EI	
569.40	.00	564.25 .000	
		Upstream HW & DNstream TW < Inv. EI	
569.50	.00	564.25 .000	
		Upstream HW & DNstream TW < Inv. EI	
569.60	.00	564.25 .000	
		Upstream HW & DNstream TW < Inv. EI	
569.70	.00	564.25 .000	
		Upstream HW & DNstream TW < Inv. EI	
569.75	.00	564.25 .000	
		Upstream HW & DNstream TW < Inv. EI	
569.80	.00	564.25 .000	
		Upstream HW & DNstream TW < Inv. EI	



asbuilt basin 1 2 and 4.txt

569.90	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI			
570.00	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI			
570.10	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI			
570.20	.00	564.25	.000	Upstream HW & DNstream TW < Inv. EI			
570.30	.04	564.25	.000	CRI T. DEPTH CONTROL	Vh= .042ft	Dcr= .125ft	CRI T. DEPTH Hev=
.00ft							
570.40	.18	564.25	.000	CRI T. DEPTH CONTROL	Vh= .064ft	Dcr= .187ft	CRI T. DEPTH Hev=
.00ft							
570.50	.38	564.25	.000	CRI T. DEPTH CONTROL	Vh= .064ft	Dcr= .187ft	CRI T. DEPTH Hev=
.00ft							
570.60	.57	564.25	.000	CRI T. DEPTH CONTROL	Vh= .097ft	Dcr= .281ft	CRI T. DEPTH Hev=
.00ft							
570.70	.88	564.25	.000	CRI T. DEPTH CONTROL	Vh= .108ft	Dcr= .312ft	CRI T. DEPTH Hev=
.00ft							

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
570.80	1.23	564.25	.000	Vh= .136ft Dcr= .390ft
.00ft				CRI T. DEPTH Hev=
570.90	1.62	564.25	.000	Vh= .154ft Dcr= .437ft
.00ft				CRI T. DEPTH Hev=
571.00	2.01	564.25	.000	Vh= .177ft Dcr= .500ft
.00ft				CRI T. DEPTH Hev=
571.10	2.52	564.25	.000	Vh= .195ft Dcr= .547ft
.00ft				CRI T. DEPTH Hev=
571.20	3.13	564.25	.000	Vh= .220ft Dcr= .609ft
.00ft				CRI T. DEPTH Hev=

asbuil t basin 1 2 and 4. txt

571. 30	3. 76	564. 25	. 000	Vh= . 245ft	Dcr= . 672ft	CRI T. DEPTH Hev=
. 00ft						
571. 40	4. 42	564. 25	. 000	Vh= . 271ft	Dcr= . 734ft	CRI T. DEPTH Hev=
. 00ft						
571. 50	4. 97	564. 25	. 000	Vh= . 291ft	Dcr= . 781ft	CRI T. DEPTH Hev=
. 00ft						
571. 60	5. 90	564. 25	. 000	Vh= . 322ft	Dcr= . 851ft	CRI T. DEPTH Hev=
. 00ft						
571. 70	6. 54	564. 25	. 000	Vh= . 351ft	Dcr= . 914ft	CRI T. DEPTH Hev=
. 00ft						
571. 80	7. 40	564. 25	. 000	Vh= . 377ft	Dcr= . 968ft	CRI T. DEPTH Hev=
. 00ft						
571. 90	8. 18	564. 25	. 000	Vh= . 404ft	Dcr= 1. 023ft	CRI T. DEPTH Hev=
. 00ft						
572. 00	9. 04	564. 25	. 000	Vh= . 429ft	Dcr= 1. 070ft	CRI T. DEPTH Hev=
. 00ft						
572. 10	9. 81	564. 25	. 000	Vh= . 454ft	Dcr= 1. 117ft	CRI T. DEPTH Hev=
. 00ft						
572. 20	10. 77	564. 25	. 000	Vh= . 485ft	Dcr= 1. 171ft	CRI T. DEPTH Hev=
. 00ft						
572. 30	11. 58	564. 25	. 000	Vh= . 513ft	Dcr= 1. 218ft	CRI T. DEPTH Hev=
. 00ft						
572. 40	12. 43	564. 25	. 000	Vh= . 548ft	Dcr= 1. 273ft	CRI T. DEPTH Hev=
. 00ft						

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Type. . . . Individual Outlet Curves

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Name. . . . Outlet 3

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42. 48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
572. 50	13. 41	564. 25	. 000	Vh= . 580ft	Dcr= 1. 320ft
					CRI T. DEPTH Hev=

asbuilt basin 1 2 and 4.txt

.00ft	572.60	14.27	564.25	.000				
			CRI T. DEPTH CONTROL		Vh= .615ft	Dcr= 1.367ft	CRI T. DEPTH	Hev=
.00ft	572.70	15.16	564.25	.000				
			CRI T. DEPTH CONTROL		Vh= .645ft	Dcr= 1.406ft	CRI T. DEPTH	Hev=
.00ft	572.80	16.11	564.25	.000				
			CRI T. DEPTH CONTROL		Vh= .685ft	Dcr= 1.452ft	CRI T. DEPTH	Hev=
.00ft	572.90	17.06	564.25	.000				
			CRI T. DEPTH CONTROL		Vh= .714ft	Dcr= 1.484ft	CRI T. DEPTH	Hev=
.00ft	573.00	17.77	564.25	.000				
			CRI T. DEPTH CONTROL		Vh= .753ft	Dcr= 1.523ft	CRI T. DEPTH	Hev=
.00ft	573.10	18.71	564.25	.000				
			CRI T. DEPTH CONTROL		Vh= .795ft	Dcr= 1.562ft	CRI T. DEPTH	Hev=
.00ft	573.20	19.60	564.25	.000				
			CRI T. DEPTH CONTROL		Vh= .828ft	Dcr= 1.589ft	CRI T. DEPTH	Hev=
.00ft	573.30	20.41	564.25	.000				
			CRI T. DEPTH CONTROL		Vh= .869ft	Dcr= 1.620ft	CRI T. DEPTH	Hev=
.00ft	573.40	21.24	564.25	.000				
			CRI T. DEPTH CONTROL		Vh= .908ft	Dcr= 1.648ft	CRI T. DEPTH	Hev=
.00ft	573.50	22.07	564.25	.000				
			CRI T. DEPTH CONTROL		Vh= .959ft	Dcr= 1.679ft	CRI T. DEPTH	Hev=
.00ft	573.60	22.83	564.25	.000				
			CRI T. DEPTH CONTROL		Vh= 1.001ft	Dcr= 1.702ft	CRI T. DEPTH	Hev=
.00ft	573.70	23.61	564.25	.000				
			CRI T. DEPTH CONTROL		Vh= 1.039ft	Dcr= 1.722ft	CRI T. DEPTH	Hev=
.00ft	573.80	24.40	564.25	.000				
			CRI T. DEPTH CONTROL		Vh= 1.090ft	Dcr= 1.745ft	CRI T. DEPTH	Hev=
.00ft	573.90	25.15	564.25	.000				
			CRI T. DEPTH CONTROL		Vh= 1.138ft	Dcr= 1.765ft	CRI T. DEPTH	Hev=
.00ft	574.00	25.79	564.25	.000				
			CRI T. DEPTH CONTROL		Vh= 1.192ft	Dcr= 1.784ft	CRI T. DEPTH	Hev=
.00ft								

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

asbuilt basin 1 2 and 4.txt  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
565.00	.00	564.50	.000	Upstream HW & DNstream TW < Inv. EI		
565.10	.06	564.50	.000	CRI T. DEPTH CONTROL	Vh= .024ft	Dcr= .070ft H. JUMP IN PIPE Hev=
.00ft						
565.20	.20	564.50	.000	CRI T. DEPTH CONTROL	Vh= .024ft	Dcr= .070ft H. JUMP IN PIPE Hev=
.00ft						
565.25	.45	564.50	.000	CRI T. DEPTH CONTROL	Vh= .047ft	Dcr= .141ft H. JUMP IN PIPE Hev=
.00ft						
565.30	.66	564.50	.000	CRI T. DEPTH CONTROL	Vh= .060ft	Dcr= .176ft H. JUMP IN PIPE Hev=
.00ft						
565.40	1.15	564.50	.000	CRI T. DEPTH CONTROL	Vh= .084ft	Dcr= .246ft H. JUMP IN PIPE Hev=
.00ft						
565.50	1.53	564.50	.000	CRI T. DEPTH CONTROL	Vh= .109ft	Dcr= .316ft H. JUMP IN PIPE Hev=
.00ft						
565.60	2.55	564.50	.000	CRI T. DEPTH CONTROL	Vh= .128ft	Dcr= .369ft H. JUMP IN PIPE Hev=
.00ft						
565.70	3.50	564.50	.000	CRI T. DEPTH CONTROL	Vh= .153ft	Dcr= .439ft H. JUMP IN PIPE Hev=
.00ft						
565.75	3.78	564.50	.000	CRI T. DEPTH CONTROL	Vh= .160ft	Dcr= .457ft H. JUMP IN PIPE Hev=
.00ft						
565.80	4.55	564.50	.000	CRI T. DEPTH CONTROL	Vh= .173ft	Dcr= .492ft H. JUMP IN PIPE Hev=
.00ft						
565.90	5.35	564.50	.000	CRI T. DEPTH CONTROL	Vh= .199ft	Dcr= .562ft CRI T. DEPTH Hev=
.00ft						
566.00	6.78	564.50	.000	CRI T. DEPTH CONTROL	Vh= .227ft	Dcr= .633ft CRI T. DEPTH Hev=
.00ft						
566.10	8.10	564.50	.000	CRI T. DEPTH CONTROL	Vh= .247ft	Dcr= .685ft CRI T. DEPTH Hev=
.00ft						
566.20	9.50	564.50	.000	CRI T. DEPTH CONTROL	Vh= .272ft	Dcr= .747ft CRI T. DEPTH Hev=
.00ft						

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Compute Time:

Date:

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Type... Individual Outlet Curves  
 Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
566.25	10.19	564.50	.000	Vh= .283ft	Dcr= .773ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
566.30	11.18	564.50	.000	Vh= .294ft	Dcr= .799ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
566.40	12.68	564.50	.000	Vh= .316ft	Dcr= .852ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
566.50	14.41	564.50	.000	Vh= .347ft	Dcr= .922ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
566.60	16.00	564.50	.000	Vh= .370ft	Dcr= .975ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
566.70	17.89	564.50	.000	Vh= .395ft	Dcr= 1.028ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
566.75	18.89	564.50	.000	Vh= .407ft	Dcr= 1.054ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
566.80	19.64	564.50	.000	Vh= .424ft	Dcr= 1.089ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
566.90	21.69	564.50	.000	Vh= .446ft	Dcr= 1.133ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
567.00	23.54	564.50	.000	Vh= .478ft	Dcr= 1.195ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
567.10	25.73	564.50	.000	Vh= .506ft	Dcr= 1.247ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
567.20	27.74	564.50	.000	Vh= .536ft	Dcr= 1.300ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
567.25	28.84	564.50	.000	Vh= .546ft	Dcr= 1.318ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
567.30	29.95	564.50	.000	Vh= .561ft	Dcr= 1.344ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			

567.40 31.86 564.50 .000  
 CRIT. DEPTH CONTROL Vh= .594ft Dcr= 1.397ft CRIT. DEPTH Hev=  
 .00ft

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♀ Type... Individual Outlet Curves Page 15.84  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs TW Elev. ft Converge +/-ft	Computati on Messages
567.50	34.02 564.50 .000	Vh= .623ft Dcr= 1.441ft CRIT. DEPTH Hev= CRIT. DEPTH CONTROL
.00ft		
567.60	36.17 564.50 .000	Vh= .656ft Dcr= 1.489ft CRIT. DEPTH Hev= CRIT. DEPTH CONTROL
.00ft		
567.70	38.39 564.50 .000	Vh= .685ft Dcr= 1.529ft CRIT. DEPTH Hev= CRIT. DEPTH CONTROL
.00ft		
567.75	39.43 564.50 .000	Vh= .705ft Dcr= 1.555ft CRIT. DEPTH Hev= CRIT. DEPTH CONTROL
.00ft		
567.80	40.50 564.50 .000	Vh= .722ft Dcr= 1.577ft CRIT. DEPTH Hev= CRIT. DEPTH CONTROL
.00ft		
567.90	42.79 564.50 .000	Vh= .755ft Dcr= 1.616ft CRIT. DEPTH Hev= CRIT. DEPTH CONTROL
.00ft		
568.00	44.74 564.50 .000	Vh= .791ft Dcr= 1.656ft CRIT. DEPTH Hev= CRIT. DEPTH CONTROL
.00ft		
568.10	46.89 564.50 .000	Vh= .824ft Dcr= 1.691ft CRIT. DEPTH Hev= CRIT. DEPTH CONTROL
.00ft		
568.20	48.88 564.50 .000	Vh= .865ft Dcr= 1.731ft CRIT. DEPTH Hev= CRIT. DEPTH CONTROL
.00ft		
568.25	49.90 564.50 .000	Vh= .885ft Dcr= 1.748ft CRIT. DEPTH Hev= CRIT. DEPTH CONTROL
.00ft		
568.30	50.92 564.50 .000	Vh= .900ft Dcr= 1.761ft CRIT. DEPTH Hev= CRIT. DEPTH CONTROL

asbuilt basin 1 2 and 4.txt

.00ft	568.40	53.19	564.50	.000			
					CRI T. DEPTH CONTROL	Vh= .948ft	Dcr= 1.801ft
							CRI T. DEPTH Hev=
.00ft	568.50	55.01	564.50	.000			
					CRI T. DEPTH CONTROL	Vh= .984ft	Dcr= 1.827ft
							CRI T. DEPTH Hev=
.00ft	568.60	56.89	564.50	.000			
					CRI T. DEPTH CONTROL	Vh= 1.022ft	Dcr= 1.854ft
							CRI T. DEPTH Hev=
.00ft	568.70	58.78	564.50	.000			
					CRI T. DEPTH CONTROL	Vh= 1.064ft	Dcr= 1.880ft
							CRI T. DEPTH Hev=

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water		Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
568.75	59.96	564.50	.000			
				CRI T. DEPTH CONTROL	Vh= 1.086ft	Dcr= 1.893ft
						CRI T. DEPTH Hev=
.00ft	568.80	61.02	564.50	.000		
				CRI T. DEPTH CONTROL	Vh= 1.117ft	Dcr= 1.911ft
						CRI T. DEPTH Hev=
.00ft	568.90	62.63	564.50	.000		
				CRI T. DEPTH CONTROL	Vh= 1.160ft	Dcr= 1.933ft
						CRI T. DEPTH Hev=
.00ft	569.00	64.35	564.50	.000		
				CRI T. DEPTH CONTROL	Vh= 1.197ft	Dcr= 1.950ft
						CRI T. DEPTH Hev=
.00ft	569.10	66.30	564.50	.000		
				CRI T. DEPTH CONTROL	Vh= 1.253ft	Dcr= 1.974ft
						CRI T. DEPTH Hev=
.00ft	569.20	68.19	564.50	.000		
				CRI T. DEPTH CONTROL	Vh= 1.298ft	Dcr= 1.992ft
						CRI T. DEPTH Hev=
.00ft	569.25	68.94	564.50	.000		
				CRI T. DEPTH CONTROL	Vh= 1.329ft	Dcr= 2.003ft
						CRI T. DEPTH Hev=
.00ft	569.30	69.82	564.50	.000		

asbuilt basin 1 2 and 4.txt

.00ft	569.40	71.56	564.50	.000	CRI T. DEPTH CONTROL	Vh= 1.348ft	Dcr= 2.010ft	CRI T. DEPTH Hev=
.00ft	569.50	73.06	564.50	.000	CRI T. DEPTH CONTROL	Vh= 1.396ft	Dcr= 2.025ft	CRI T. DEPTH Hev=
.00ft	569.60	74.74	564.50	.000	CRI T. DEPTH CONTROL	Vh= 1.448ft	Dcr= 2.040ft	CRI T. DEPTH Hev=
.00ft	569.70	76.18	564.50	.000	CRI T. DEPTH CONTROL	Vh= 1.498ft	Dcr= 2.053ft	CRI T. DEPTH Hev=
.00ft	569.75	77.09	564.50	.000	CRI T. DEPTH CONTROL	Vh= 1.543ft	Dcr= 2.064ft	CRI T. DEPTH Hev=
.00ft	569.80	77.69	564.50	.000	CRI T. DEPTH CONTROL	Vh= 1.572ft	Dcr= 2.071ft	CRI T. DEPTH Hev=
.00ft	569.80	77.69	564.50	.000	CRI T. DEPTH CONTROL	Vh= 1.602ft	Dcr= 2.078ft	CRI T. DEPTH Hev=
.00ft	569.90	79.68	564.50	.000	CRI T. DEPTH CONTROL	Vh= 1.657ft	Dcr= 2.089ft	CRI T. DEPTH Hev=

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Type... Individual Outlet Curves  
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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
570.00	80.81	564.50	.000
		FULL FLOW...	Lfull=7.78ft Vh=1.605ft HL=2.861ft Hev= .00ft
570.10	81.44	564.50	.000
		FULL FLOW...	Lfull=26.21ft Vh=1.630ft HL=3.224ft Hev= .00ft
570.20	82.22	564.50	.000
		FULL FLOW...	Lfull=37.81ft Vh=1.661ft HL=3.490ft Hev= .00ft
570.30	83.09	564.50	.000
		FULL FLOW...	Lfull=44.88ft Vh=1.697ft HL=3.692ft Hev= .00ft
570.40	83.97	564.50	.000
		FULL FLOW...	Lfull=49.69ft Vh=1.733ft HL=3.859ft Hev= .00ft
570.50	84.87	564.50	.000
		FULL FLOW...	Lfull=53.41ft Vh=1.770ft HL=4.012ft Hev= .00ft



asbuilt basin 1 2 and 4.txt

570.60	85.78	564.50	.000	FULL FLOW... Lfull=56.26ft	Vh=1.808ft	HL=4.154ft	Hev=.00ft
570.70	86.69	564.50	.000	FULL FLOW... Lfull=58.51ft	Vh=1.847ft	HL=4.285ft	Hev=.00ft
570.80	87.63	564.50	.000	FULL FLOW... Lfull=59.63ft	Vh=1.887ft	HL=4.402ft	Hev=.00ft
570.90	88.53	564.50	.000	FULL FLOW... Lfull=60.97ft	Vh=1.926ft	HL=4.520ft	Hev=.00ft
571.00	89.44	564.50	.000	FULL FLOW... Lfull=62.15ft	Vh=1.966ft	HL=4.638ft	Hev=.00ft
571.10	90.34	564.50	.000	FULL FLOW... Lfull=63.07ft	Vh=2.006ft	HL=4.751ft	Hev=.00ft
571.20	91.22	564.50	.000	FULL FLOW... Lfull=63.85ft	Vh=2.045ft	HL=4.862ft	Hev=.00ft
571.30	92.11	564.50	.000	FULL FLOW... Lfull=64.52ft	Vh=2.085ft	HL=4.971ft	Hev=.00ft
571.40	93.00	564.50	.000	FULL FLOW... Lfull=64.98ft	Vh=2.125ft	HL=5.078ft	Hev=.00ft

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Type... Individual Outlet Curves  
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4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
571.50	93.85	564.50	.000	FULL FLOW... Lfull=65.60ft Vh=2.165ft HL=5.186ft Hev=.00ft
571.60	94.74	564.50	.000	FULL FLOW... Lfull=65.92ft Vh=2.206ft HL=5.292ft Hev=.00ft
571.70	95.60	564.50	.000	FULL FLOW... Lfull=66.32ft Vh=2.246ft HL=5.398ft Hev=.00ft
571.80	96.44	564.50	.000	FULL FLOW... Lfull=66.70ft Vh=2.286ft HL=5.503ft Hev=.00ft
571.90	97.30	564.50	.000	FULL FLOW... Lfull=66.90ft Vh=2.327ft HL=5.606ft Hev=.00ft
572.00	98.13	564.50	.000	FULL FLOW... Lfull=67.24ft Vh=2.367ft HL=5.711ft Hev=.00ft
572.10	98.95	564.50	.000	FULL FLOW... Lfull=67.53ft Vh=2.406ft HL=5.814ft Hev=.00ft
572.20	99.80	564.50	.000	FULL FLOW... Lfull=67.63ft Vh=2.448ft HL=5.917ft Hev=.00ft
572.30	100.62	564.50	.000	

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572.40	101.44	564.50	.000	FULL FLOW... Lfull=67.79ft	Vh=2.488ft	HL=6.019ft	Hev=.00ft
572.50	102.26	564.50	.000	FULL FLOW... Lfull=67.92ft	Vh=2.529ft	HL=6.121ft	Hev=.00ft
572.60	103.00	564.50	.000	FULL FLOW... Lfull=68.00ft	Vh=2.570ft	HL=6.222ft	Hev=.00ft
572.70	103.80	564.50	.000	FULL FLOW... Lfull=68.69ft	Vh=2.607ft	HL=6.332ft	Hev=.00ft
572.80	104.61	564.50	.000	FULL FLOW... Lfull=68.71ft	Vh=2.648ft	HL=6.431ft	Hev=.00ft
572.90	105.39	564.50	.000	FULL FLOW... Lfull=68.78ft	Vh=2.689ft	HL=6.533ft	Hev=.00ft
				FULL FLOW... Lfull=68.80ft	Vh=2.729ft	HL=6.632ft	Hev=.00ft

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Type... Individual Outlet Curves  
Name... Outlet 3

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4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water		Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
573.00	106.18	564.50	.000	FULL FLOW... Lfull=68.82ft	Vh=2.771ft	HL=6.733ft Hev=.00ft
573.10	106.96	564.50	.000	FULL FLOW... Lfull=68.88ft	Vh=2.811ft	HL=6.833ft Hev=.00ft
573.20	107.74	564.50	.000	FULL FLOW... Lfull=68.89ft	Vh=2.853ft	HL=6.934ft Hev=.00ft
573.30	108.50	564.50	.000	FULL FLOW... Lfull=68.94ft	Vh=2.893ft	HL=7.034ft Hev=.00ft
573.40	109.27	564.50	.000	FULL FLOW... Lfull=68.96ft	Vh=2.934ft	HL=7.135ft Hev=.00ft
573.50	110.04	564.50	.000	FULL FLOW... Lfull=68.98ft	Vh=2.976ft	HL=7.235ft Hev=.00ft
573.60	110.78	564.50	.000	FULL FLOW... Lfull=69.00ft	Vh=3.016ft	HL=7.335ft Hev=.00ft
573.70	111.53	564.50	.000	FULL FLOW... Lfull=69.08ft	Vh=3.057ft	HL=7.437ft Hev=.00ft
573.80	112.28	564.50	.000	FULL FLOW... Lfull=69.11ft	Vh=3.098ft	HL=7.538ft Hev=.00ft
573.90	113.01	564.50	.000	FULL FLOW... Lfull=69.15ft	Vh=3.139ft	HL=7.638ft Hev=.00ft
574.00	113.74	564.50	.000	FULL FLOW... Lfull=69.18ft	Vh=3.179ft	HL=7.738ft Hev=.00ft

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Name... Outlet 3

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4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
565.00	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI
565.10	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI
565.20	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI
565.25	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI
565.30	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI
565.40	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI
565.50	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI
565.60	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI
565.70	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI
565.75	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI
565.80	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI
565.90	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI
566.00	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI
566.10	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI
566.20	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI
566.25	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI
566.30	.00	564.50	.000
		Upstream HW & DNstream TW	< Inv. EI

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Type... Individual Outlet Curves  
Name... Outlet 3

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4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
-----			
Computati on Messages			
-----			
566.40	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI
566.50	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI
566.60	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI
566.70	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI
566.75	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI
566.80	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI
566.90	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI
567.00	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI
567.10	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI
567.20	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI
567.25	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI
567.30	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI
567.40	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI
567.50	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI
567.60	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI
567.70	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI
567.75	.00	564.50	.000
		Upstream HW & DNstream	TW < Inv. EI

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Type... Individual Outlet Curves  
Name... Outlet 3

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft	Computation Messages
567.80	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	
567.90	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	
568.00	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	
568.10	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	
568.20	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	
568.25	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	
568.30	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	
568.40	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	
568.50	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	
568.60	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	
568.70	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	
568.75	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	
568.80	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	
568.90	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	
569.00	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	
569.10	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	
569.20	.00	564.50 .000	
		Upstream HW & DNstream TW < Inv. EI	

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Type . . . Individual Outlet Curves  
 Name . . . Outlet 3

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 RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev. ft Convergence +/-ft
-----		
Computati on Messages		
-----		
569.25	.00	564.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.30	.00	564.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.40	.00	564.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.50	.00	564.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.60	.00	564.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.70	.00	564.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.75	.00	564.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.80	.00	564.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.90	.00	564.50 .000
		Upstream HW & DNstream TW < Inv. EI
570.00	.00	564.50 .000
		Upstream HW & DNstream TW < Inv. EI
570.10	.00	564.50 .000
		Upstream HW & DNstream TW < Inv. EI
570.20	.00	564.50 .000
		Upstream HW & DNstream TW < Inv. EI
570.30	.04	564.50 .000
		CRIT. DEPTH CONTROL Vh= .042ft Dcr= .125ft CRIT. DEPTH Hev=
.00ft		
570.40	.18	564.50 .000
		CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft CRIT. DEPTH Hev=
.00ft		
570.50	.38	564.50 .000
		CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft CRIT. DEPTH Hev=
.00ft		
570.60	.57	564.50 .000
		CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft CRIT. DEPTH Hev=
.00ft		
570.70	.88	564.50 .000
		CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft CRIT. DEPTH Hev=
.00ft		

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
570.80	1.23	564.50	.000	Vh= .136ft	Dcr= .390ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
570.90	1.62	564.50	.000	Vh= .154ft	Dcr= .437ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.00	2.01	564.50	.000	Vh= .177ft	Dcr= .500ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.10	2.52	564.50	.000	Vh= .195ft	Dcr= .547ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.20	3.13	564.50	.000	Vh= .220ft	Dcr= .609ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.30	3.76	564.50	.000	Vh= .245ft	Dcr= .672ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.40	4.42	564.50	.000	Vh= .271ft	Dcr= .734ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.50	4.97	564.50	.000	Vh= .291ft	Dcr= .781ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.60	5.90	564.50	.000	Vh= .322ft	Dcr= .851ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.70	6.54	564.50	.000	Vh= .351ft	Dcr= .914ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.80	7.40	564.50	.000	Vh= .377ft	Dcr= .968ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.90	8.18	564.50	.000	Vh= .404ft	Dcr= 1.023ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.00	9.04	564.50	.000	Vh= .429ft	Dcr= 1.070ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.10	9.81	564.50	.000	Vh= .454ft	Dcr= 1.117ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.20	10.77	564.50	.000	Vh= .485ft	Dcr= 1.171ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.30	11.58	564.50	.000	Vh= .513ft	Dcr= 1.218ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			

572.40 12.43 564.50 .000  
 CRIT. DEPTH CONTROL Vh= .548ft Dcr= 1.273ft CRIT. DEPTH Hev=  
 .00ft

S/N:  
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 Name... Outlet 3

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
572.50	13.41	564.50	.000	Vh= .580ft	Dcr= 1.320ft	CRIT. DEPTH Hev= .00ft
572.60	14.27	564.50	.000	Vh= .615ft	Dcr= 1.367ft	CRIT. DEPTH Hev= .00ft
572.70	15.16	564.50	.000	Vh= .645ft	Dcr= 1.406ft	CRIT. DEPTH Hev= .00ft
572.80	16.11	564.50	.000	Vh= .685ft	Dcr= 1.452ft	CRIT. DEPTH Hev= .00ft
572.90	17.06	564.50	.000	Vh= .714ft	Dcr= 1.484ft	CRIT. DEPTH Hev= .00ft
573.00	17.77	564.50	.000	Vh= .753ft	Dcr= 1.523ft	CRIT. DEPTH Hev= .00ft
573.10	18.71	564.50	.000	Vh= .795ft	Dcr= 1.562ft	CRIT. DEPTH Hev= .00ft
573.20	19.60	564.50	.000	Vh= .828ft	Dcr= 1.589ft	CRIT. DEPTH Hev= .00ft
573.30	20.41	564.50	.000	Vh= .869ft	Dcr= 1.620ft	CRIT. DEPTH Hev= .00ft
573.40	21.24	564.50	.000	Vh= .908ft	Dcr= 1.648ft	CRIT. DEPTH Hev= .00ft
573.50	22.07	564.50	.000	Vh= .959ft	Dcr= 1.679ft	CRIT. DEPTH Hev= .00ft
573.60	22.83	564.50	.000	Vh= 1.001ft	Dcr= 1.702ft	CRIT. DEPTH Hev= .00ft



asbuilt basin 1 2 and 4.txt

.00ft	573.70	23.61	564.50	.000				
					CRIT. DEPTH CONTROL	Vh= 1.039ft	Dcr= 1.722ft	CRIT. DEPTH Hev=
.00ft	573.80	24.40	564.50	.000				
					CRIT. DEPTH CONTROL	Vh= 1.090ft	Dcr= 1.745ft	CRIT. DEPTH Hev=
.00ft	573.90	25.15	564.50	.000				
					CRIT. DEPTH CONTROL	Vh= 1.138ft	Dcr= 1.765ft	CRIT. DEPTH Hev=
.00ft	574.00	25.79	564.50	.000				
					CRIT. DEPTH CONTROL	Vh= 1.192ft	Dcr= 1.784ft	CRIT. DEPTH Hev=
.00ft								

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft
565.00	.00	564.75 .000
565.10	.06	564.75 .000
.00ft		Upstream HW & DNstream TW < Inv. EI
565.20	.20	564.75 .000
.00ft		CRIT. DEPTH CONTROL Vh= .024ft Dcr= .070ft H. JUMP IN PIPE Hev=
565.25	.45	564.75 .000
.00ft		CRIT. DEPTH CONTROL Vh= .047ft Dcr= .141ft H. JUMP IN PIPE Hev=
565.30	.66	564.75 .000
.00ft		CRIT. DEPTH CONTROL Vh= .060ft Dcr= .176ft H. JUMP IN PIPE Hev=
565.40	1.15	564.75 .000
.00ft		CRIT. DEPTH CONTROL Vh= .084ft Dcr= .246ft H. JUMP IN PIPE Hev=
565.50	1.53	564.75 .000
.00ft		CRIT. DEPTH CONTROL Vh= .109ft Dcr= .316ft H. JUMP IN PIPE Hev=
565.60	2.55	564.75 .000

asbuilt basin 1 2 and 4.txt

.00ft	565.70	3.50	564.75	.000	CRI T. DEPTH CONTROL	Vh= .128ft	Dcr= .369ft	H. JUMP IN PIPE Hev=
.00ft	565.75	3.78	564.75	.000	CRI T. DEPTH CONTROL	Vh= .153ft	Dcr= .439ft	H. JUMP IN PIPE Hev=
.00ft	565.80	4.55	564.75	.000	CRI T. DEPTH CONTROL	Vh= .160ft	Dcr= .457ft	H. JUMP IN PIPE Hev=
.00ft	565.90	5.35	564.75	.000	CRI T. DEPTH CONTROL	Vh= .173ft	Dcr= .492ft	H. JUMP IN PIPE Hev=
.00ft	566.00	6.78	564.75	.000	CRI T. DEPTH CONTROL	Vh= .199ft	Dcr= .562ft	H. JUMP IN PIPE Hev=
.00ft	566.10	8.10	564.75	.000	CRI T. DEPTH CONTROL	Vh= .227ft	Dcr= .633ft	H. JUMP IN PIPE Hev=
.00ft	566.20	9.50	564.75	.000	CRI T. DEPTH CONTROL	Vh= .247ft	Dcr= .685ft	H. JUMP IN PIPE Hev=
.00ft						Vh= .272ft	Dcr= .747ft	H. JUMP IN PIPE Hev=

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
566.25	10.19	564.75	.000
.00ft		CRI T. DEPTH CONTROL	Vh= .283ft Dcr= .773ft CRI T. DEPTH Hev=
566.30	11.18	564.75	.000
.00ft		CRI T. DEPTH CONTROL	Vh= .294ft Dcr= .799ft CRI T. DEPTH Hev=
566.40	12.68	564.75	.000
.00ft		CRI T. DEPTH CONTROL	Vh= .316ft Dcr= .852ft CRI T. DEPTH Hev=
566.50	14.41	564.75	.000
.00ft		CRI T. DEPTH CONTROL	Vh= .347ft Dcr= .922ft CRI T. DEPTH Hev=

asbuilt basin 1 2 and 4.txt

566.60	16.00	564.75	.000				
.00ft		CRI T. DEPTH CONTROL		Vh= .370ft	Dcr= .975ft	CRI T. DEPTH Hev=	
566.70	17.89	564.75	.000				
.00ft		CRI T. DEPTH CONTROL		Vh= .395ft	Dcr= 1.028ft	CRI T. DEPTH Hev=	
566.75	18.89	564.75	.000				
.00ft		CRI T. DEPTH CONTROL		Vh= .407ft	Dcr= 1.054ft	CRI T. DEPTH Hev=	
566.80	19.64	564.75	.000				
.00ft		CRI T. DEPTH CONTROL		Vh= .424ft	Dcr= 1.089ft	CRI T. DEPTH Hev=	
566.90	21.69	564.75	.000				
.00ft		CRI T. DEPTH CONTROL		Vh= .446ft	Dcr= 1.133ft	CRI T. DEPTH Hev=	
567.00	23.54	564.75	.000				
.00ft		CRI T. DEPTH CONTROL		Vh= .478ft	Dcr= 1.195ft	CRI T. DEPTH Hev=	
567.10	25.73	564.75	.000				
.00ft		CRI T. DEPTH CONTROL		Vh= .506ft	Dcr= 1.247ft	CRI T. DEPTH Hev=	
567.20	27.74	564.75	.000				
.00ft		CRI T. DEPTH CONTROL		Vh= .536ft	Dcr= 1.300ft	CRI T. DEPTH Hev=	
567.25	28.84	564.75	.000				
.00ft		CRI T. DEPTH CONTROL		Vh= .546ft	Dcr= 1.318ft	CRI T. DEPTH Hev=	
567.30	29.95	564.75	.000				
.00ft		CRI T. DEPTH CONTROL		Vh= .561ft	Dcr= 1.344ft	CRI T. DEPTH Hev=	
567.40	31.86	564.75	.000				
.00ft		CRI T. DEPTH CONTROL		Vh= .594ft	Dcr= 1.397ft	CRI T. DEPTH Hev=	

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
567.50	34.02	564.75	.000	
		CRI T. DEPTH CONTROL		Vh= .623ft Dcr= 1.441ft CRI T. DEPTH Hev=

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asbuilt basin 1 2 and 4.txt

.00ft	567.60	36.17	564.75	.000				
			CRI T. DEPTH CONTROL		Vh= .656ft	Dcr= 1.489ft	CRI T. DEPTH	Hev=
.00ft	567.70	38.39	564.75	.000				
			CRI T. DEPTH CONTROL		Vh= .685ft	Dcr= 1.529ft	CRI T. DEPTH	Hev=
.00ft	567.75	39.43	564.75	.000				
			CRI T. DEPTH CONTROL		Vh= .705ft	Dcr= 1.555ft	CRI T. DEPTH	Hev=
.00ft	567.80	40.50	564.75	.000				
			CRI T. DEPTH CONTROL		Vh= .722ft	Dcr= 1.577ft	CRI T. DEPTH	Hev=
.00ft	567.90	42.79	564.75	.000				
			CRI T. DEPTH CONTROL		Vh= .755ft	Dcr= 1.616ft	CRI T. DEPTH	Hev=
.00ft	568.00	44.74	564.75	.000				
			CRI T. DEPTH CONTROL		Vh= .791ft	Dcr= 1.656ft	CRI T. DEPTH	Hev=
.00ft	568.10	46.89	564.75	.000				
			CRI T. DEPTH CONTROL		Vh= .824ft	Dcr= 1.691ft	CRI T. DEPTH	Hev=
.00ft	568.20	48.88	564.75	.000				
			CRI T. DEPTH CONTROL		Vh= .865ft	Dcr= 1.731ft	CRI T. DEPTH	Hev=
.00ft	568.25	49.90	564.75	.000				
			CRI T. DEPTH CONTROL		Vh= .885ft	Dcr= 1.748ft	CRI T. DEPTH	Hev=
.00ft	568.30	50.92	564.75	.000				
			CRI T. DEPTH CONTROL		Vh= .900ft	Dcr= 1.761ft	CRI T. DEPTH	Hev=
.00ft	568.40	53.19	564.75	.000				
			CRI T. DEPTH CONTROL		Vh= .948ft	Dcr= 1.801ft	CRI T. DEPTH	Hev=
.00ft	568.50	55.01	564.75	.000				
			CRI T. DEPTH CONTROL		Vh= .984ft	Dcr= 1.827ft	CRI T. DEPTH	Hev=
.00ft	568.60	56.89	564.75	.000				
			CRI T. DEPTH CONTROL		Vh= 1.022ft	Dcr= 1.854ft	CRI T. DEPTH	Hev=
.00ft	568.70	58.78	564.75	.000				
			CRI T. DEPTH CONTROL		Vh= 1.064ft	Dcr= 1.880ft	CRI T. DEPTH	Hev=
.00ft								

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

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asbuilt basin 1 2 and 4.txt  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
568.75	59.96	564.75	.000	Vh= 1.086ft	Dcr= 1.893ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
568.80	61.02	564.75	.000	Vh= 1.117ft	Dcr= 1.911ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
568.90	62.63	564.75	.000	Vh= 1.160ft	Dcr= 1.933ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
569.00	64.35	564.75	.000	Vh= 1.197ft	Dcr= 1.950ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
569.10	66.30	564.75	.000	Vh= 1.253ft	Dcr= 1.974ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
569.20	68.19	564.75	.000	Vh= 1.298ft	Dcr= 1.992ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
569.25	68.94	564.75	.000	Vh= 1.329ft	Dcr= 2.003ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
569.30	69.82	564.75	.000	Vh= 1.348ft	Dcr= 2.010ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
569.40	71.56	564.75	.000	Vh= 1.396ft	Dcr= 2.025ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
569.50	73.06	564.75	.000	Vh= 1.448ft	Dcr= 2.040ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
569.60	74.74	564.75	.000	Vh= 1.498ft	Dcr= 2.053ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
569.70	76.18	564.75	.000	Vh= 1.543ft	Dcr= 2.064ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
569.75	77.09	564.75	.000	Vh= 1.572ft	Dcr= 2.071ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
569.80	77.69	564.75	.000	Vh= 1.602ft	Dcr= 2.078ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
569.90	79.68	564.75	.000	Vh= 1.657ft	Dcr= 2.089ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			

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asbuilt basin 1 2 and 4.txt

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages	
570.00	80.81	564.75	.000		
		FULL FLOW...	Lfull=7.78ft	Vh=1.605ft	HL=2.861ft Hev= .00ft
570.10	81.44	564.75	.000		
		FULL FLOW...	Lfull=26.21ft	Vh=1.630ft	HL=3.224ft Hev= .00ft
570.20	82.22	564.75	.000		
		FULL FLOW...	Lfull=37.81ft	Vh=1.661ft	HL=3.490ft Hev= .00ft
570.30	83.09	564.75	.000		
		FULL FLOW...	Lfull=44.88ft	Vh=1.697ft	HL=3.692ft Hev= .00ft
570.40	83.97	564.75	.000		
		FULL FLOW...	Lfull=49.69ft	Vh=1.733ft	HL=3.859ft Hev= .00ft
570.50	84.87	564.75	.000		
		FULL FLOW...	Lfull=53.41ft	Vh=1.770ft	HL=4.012ft Hev= .00ft
570.60	85.78	564.75	.000		
		FULL FLOW...	Lfull=56.26ft	Vh=1.808ft	HL=4.154ft Hev= .00ft
570.70	86.69	564.75	.000		
		FULL FLOW...	Lfull=58.51ft	Vh=1.847ft	HL=4.285ft Hev= .00ft
570.80	87.63	564.75	.000		
		FULL FLOW...	Lfull=59.63ft	Vh=1.887ft	HL=4.402ft Hev= .00ft
570.90	88.53	564.75	.000		
		FULL FLOW...	Lfull=60.97ft	Vh=1.926ft	HL=4.520ft Hev= .00ft
571.00	89.44	564.75	.000		
		FULL FLOW...	Lfull=62.15ft	Vh=1.966ft	HL=4.638ft Hev= .00ft
571.10	90.34	564.75	.000		
		FULL FLOW...	Lfull=63.07ft	Vh=2.006ft	HL=4.751ft Hev= .00ft
571.20	91.22	564.75	.000		
		FULL FLOW...	Lfull=63.85ft	Vh=2.045ft	HL=4.862ft Hev= .00ft
571.30	92.11	564.75	.000		
		FULL FLOW...	Lfull=64.52ft	Vh=2.085ft	HL=4.971ft Hev= .00ft
571.40	93.00	564.75	.000		
		FULL FLOW...	Lfull=64.98ft	Vh=2.125ft	HL=5.078ft Hev= .00ft

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

asbuilt basin 1 2 and 4.txt  
 Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
571.50	93.85	564.75	.000		
		FULL FLOW...	Lfull=65.60ft	Vh=2.165ft	HL=5.186ft Hev=.00ft
571.60	94.74	564.75	.000		
		FULL FLOW...	Lfull=65.92ft	Vh=2.206ft	HL=5.292ft Hev=.00ft
571.70	95.60	564.75	.000		
		FULL FLOW...	Lfull=66.32ft	Vh=2.246ft	HL=5.398ft Hev=.00ft
571.80	96.44	564.75	.000		
		FULL FLOW...	Lfull=66.70ft	Vh=2.286ft	HL=5.503ft Hev=.00ft
571.90	97.30	564.75	.000		
		FULL FLOW...	Lfull=66.90ft	Vh=2.327ft	HL=5.606ft Hev=.00ft
572.00	98.13	564.75	.000		
		FULL FLOW...	Lfull=67.24ft	Vh=2.367ft	HL=5.711ft Hev=.00ft
572.10	98.95	564.75	.000		
		FULL FLOW...	Lfull=67.53ft	Vh=2.406ft	HL=5.814ft Hev=.00ft
572.20	99.80	564.75	.000		
		FULL FLOW...	Lfull=67.63ft	Vh=2.448ft	HL=5.917ft Hev=.00ft
572.30	100.62	564.75	.000		
		FULL FLOW...	Lfull=67.79ft	Vh=2.488ft	HL=6.019ft Hev=.00ft
572.40	101.44	564.75	.000		
		FULL FLOW...	Lfull=67.92ft	Vh=2.529ft	HL=6.121ft Hev=.00ft
572.50	102.26	564.75	.000		
		FULL FLOW...	Lfull=68.00ft	Vh=2.570ft	HL=6.222ft Hev=.00ft
572.60	103.00	564.75	.000		
		FULL FLOW...	Lfull=68.69ft	Vh=2.607ft	HL=6.332ft Hev=.00ft
572.70	103.80	564.75	.000		
		FULL FLOW...	Lfull=68.71ft	Vh=2.648ft	HL=6.431ft Hev=.00ft
572.80	104.61	564.75	.000		
		FULL FLOW...	Lfull=68.78ft	Vh=2.689ft	HL=6.533ft Hev=.00ft
572.90	105.39	564.75	.000		
		FULL FLOW...	Lfull=68.80ft	Vh=2.729ft	HL=6.632ft Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

asbuilt basin 1 2 and 4.txt  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q		Tail Water		Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
573.00	106.18	564.75	.000		
		FULL FLOW...	Lfull =68.82ft	Vh=2.771ft	HL=6.733ft Hev= .00ft
573.10	106.96	564.75	.000		
		FULL FLOW...	Lfull =68.88ft	Vh=2.811ft	HL=6.833ft Hev= .00ft
573.20	107.74	564.75	.000		
		FULL FLOW...	Lfull =68.89ft	Vh=2.853ft	HL=6.934ft Hev= .00ft
573.30	108.50	564.75	.000		
		FULL FLOW...	Lfull =68.94ft	Vh=2.893ft	HL=7.034ft Hev= .00ft
573.40	109.27	564.75	.000		
		FULL FLOW...	Lfull =68.96ft	Vh=2.934ft	HL=7.135ft Hev= .00ft
573.50	110.04	564.75	.000		
		FULL FLOW...	Lfull =68.98ft	Vh=2.976ft	HL=7.235ft Hev= .00ft
573.60	110.78	564.75	.000		
		FULL FLOW...	Lfull =69.00ft	Vh=3.016ft	HL=7.335ft Hev= .00ft
573.70	111.53	564.75	.000		
		FULL FLOW...	Lfull =69.08ft	Vh=3.057ft	HL=7.437ft Hev= .00ft
573.80	112.28	564.75	.000		
		FULL FLOW...	Lfull =69.11ft	Vh=3.098ft	HL=7.538ft Hev= .00ft
573.90	113.01	564.75	.000		
		FULL FLOW...	Lfull =69.15ft	Vh=3.139ft	HL=7.638ft Hev= .00ft
574.00	113.74	564.75	.000		
		FULL FLOW...	Lfull =69.18ft	Vh=3.179ft	HL=7.738ft Hev= .00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
565.00	.00	564.75	.000		
		Upstream HW & DNstream TW < Inv. EI			
565.10	.00	564.75	.000		
		Upstream HW & DNstream TW < Inv. EI			
565.20	.00	564.75	.000		
		Upstream HW & DNstream TW < Inv. EI			
565.25	.00	564.75	.000		



asbuilt basin 1 2 and 4.txt

565.30 .00 564.75 .000 Upstream HW & DNstream TW < Inv. EI  
 565.40 .00 564.75 .000 Upstream HW & DNstream TW < Inv. EI  
 565.50 .00 564.75 .000 Upstream HW & DNstream TW < Inv. EI  
 565.60 .00 564.75 .000 Upstream HW & DNstream TW < Inv. EI  
 565.70 .00 564.75 .000 Upstream HW & DNstream TW < Inv. EI  
 565.75 .00 564.75 .000 Upstream HW & DNstream TW < Inv. EI  
 565.80 .00 564.75 .000 Upstream HW & DNstream TW < Inv. EI  
 565.90 .00 564.75 .000 Upstream HW & DNstream TW < Inv. EI  
 566.00 .00 564.75 .000 Upstream HW & DNstream TW < Inv. EI  
 566.10 .00 564.75 .000 Upstream HW & DNstream TW < Inv. EI  
 566.20 .00 564.75 .000 Upstream HW & DNstream TW < Inv. EI  
 566.25 .00 564.75 .000 Upstream HW & DNstream TW < Inv. EI  
 566.30 .00 564.75 .000 Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves  
 Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
Computati on Messages			
566.40	.00	564.75	.000
Upstream HW & DNstream TW < Inv. EI			
566.50	.00	564.75	.000
Upstream HW & DNstream TW < Inv. EI			
566.60	.00	564.75	.000
Upstream HW & DNstream TW < Inv. EI			
566.70	.00	564.75	.000
Upstream HW & DNstream TW < Inv. EI			
566.75	.00	564.75	.000
Upstream HW & DNstream TW < Inv. EI			
566.80	.00	564.75	.000

asbuilt basin 1 2 and 4.txt

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566.90 .00 564.75 .000 Upstream HW & DNstream TW < Inv. El
567.00 .00 564.75 .000 Upstream HW & DNstream TW < Inv. El
567.10 .00 564.75 .000 Upstream HW & DNstream TW < Inv. El
567.20 .00 564.75 .000 Upstream HW & DNstream TW < Inv. El
567.25 .00 564.75 .000 Upstream HW & DNstream TW < Inv. El
567.30 .00 564.75 .000 Upstream HW & DNstream TW < Inv. El
567.40 .00 564.75 .000 Upstream HW & DNstream TW < Inv. El
567.50 .00 564.75 .000 Upstream HW & DNstream TW < Inv. El
567.60 .00 564.75 .000 Upstream HW & DNstream TW < Inv. El
567.70 .00 564.75 .000 Upstream HW & DNstream TW < Inv. El
567.75 .00 564.75 .000 Upstream HW & DNstream TW < Inv. El

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Type... Individual Outlet Curves  
 Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
567.80	.00	564.75	.000
567.90	.00	564.75	.000
568.00	.00	564.75	.000
568.10	.00	564.75	.000
568.20	.00	564.75	.000
568.25	.00	564.75	.000
568.30	.00	564.75	.000
568.40	.00	564.75	.000

asbuilt basin 1 2 and 4.txt

568.50	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI
568.60	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI
568.70	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI
568.75	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI
568.80	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI
568.90	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI
569.00	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI
569.10	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI
569.20	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev. ft	Converge +/-ft	Computati on Messages
569.25	.00	564.75	.000	
569.30	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI
569.40	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI
569.50	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI
569.60	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI
569.70	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI
569.75	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI
569.80	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI
569.90	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI
570.00	.00	564.75	.000	Upstream HW & DNstream TW < Inv. EI

asbuilt basin 1 2 and 4.txt

WS Elev.	Q	Upstream HW & DNstream TW < Inv. El	Vh	Dcr	CRI T. DEPTH Hev
570.10	.00	564.75 .000			
570.20	.00	564.75 .000			
570.30	.04	564.75 .000	.042ft	.125ft	CRI T. DEPTH Hev=
.00ft					
570.40	.18	564.75 .000	.064ft	.187ft	CRI T. DEPTH Hev=
.00ft					
570.50	.38	564.75 .000	.064ft	.187ft	CRI T. DEPTH Hev=
.00ft					
570.60	.57	564.75 .000	.097ft	.281ft	CRI T. DEPTH Hev=
.00ft					
570.70	.88	564.75 .000	.108ft	.312ft	CRI T. DEPTH Hev=
.00ft					

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Type. . . . Individual Outlet Curves

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Name. . . . Outlet 3

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft
Computation Messages		
570.80	1.23	564.75 .000
.00ft		CRI T. DEPTH CONTROL Vh= .136ft Dcr= .390ft CRI T. DEPTH Hev=
570.90	1.62	564.75 .000
.00ft		CRI T. DEPTH CONTROL Vh= .154ft Dcr= .437ft CRI T. DEPTH Hev=
571.00	2.01	564.75 .000
.00ft		CRI T. DEPTH CONTROL Vh= .177ft Dcr= .500ft CRI T. DEPTH Hev=
571.10	2.52	564.75 .000
.00ft		CRI T. DEPTH CONTROL Vh= .195ft Dcr= .547ft CRI T. DEPTH Hev=
571.20	3.13	564.75 .000
.00ft		CRI T. DEPTH CONTROL Vh= .220ft Dcr= .609ft CRI T. DEPTH Hev=
571.30	3.76	564.75 .000
.00ft		CRI T. DEPTH CONTROL Vh= .245ft Dcr= .672ft CRI T. DEPTH Hev=

asbuilt basin 1 2 and 4.txt

571.40	4.42	564.75	.000	Vh= .271ft	Dcr= .734ft	CRI T. DEPTH Hev=
.00ft						
571.50	4.97	564.75	.000	Vh= .291ft	Dcr= .781ft	CRI T. DEPTH Hev=
.00ft						
571.60	5.90	564.75	.000	Vh= .322ft	Dcr= .851ft	CRI T. DEPTH Hev=
.00ft						
571.70	6.54	564.75	.000	Vh= .351ft	Dcr= .914ft	CRI T. DEPTH Hev=
.00ft						
571.80	7.40	564.75	.000	Vh= .377ft	Dcr= .968ft	CRI T. DEPTH Hev=
.00ft						
571.90	8.18	564.75	.000	Vh= .404ft	Dcr= 1.023ft	CRI T. DEPTH Hev=
.00ft						
572.00	9.04	564.75	.000	Vh= .429ft	Dcr= 1.070ft	CRI T. DEPTH Hev=
.00ft						
572.10	9.81	564.75	.000	Vh= .454ft	Dcr= 1.117ft	CRI T. DEPTH Hev=
.00ft						
572.20	10.77	564.75	.000	Vh= .485ft	Dcr= 1.171ft	CRI T. DEPTH Hev=
.00ft						
572.30	11.58	564.75	.000	Vh= .513ft	Dcr= 1.218ft	CRI T. DEPTH Hev=
.00ft						
572.40	12.43	564.75	.000	Vh= .548ft	Dcr= 1.273ft	CRI T. DEPTH Hev=
.00ft						

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
572.50	13.41	564.75	.000	Vh= .580ft	Dcr= 1.320ft	CRI T. DEPTH Hev=
.00ft						
572.60	14.27	564.75	.000	Vh= .615ft	Dcr= 1.367ft	CRI T. DEPTH Hev=

asbuil t basin 1 2 and 4. txt

. 00ft	572. 70	15. 16	564. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 645ft	Dcr= 1. 406ft	CRI T. DEPTH	Hev=
. 00ft	572. 80	16. 11	564. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 685ft	Dcr= 1. 452ft	CRI T. DEPTH	Hev=
. 00ft	572. 90	17. 06	564. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 714ft	Dcr= 1. 484ft	CRI T. DEPTH	Hev=
. 00ft	573. 00	17. 77	564. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 753ft	Dcr= 1. 523ft	CRI T. DEPTH	Hev=
. 00ft	573. 10	18. 71	564. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 795ft	Dcr= 1. 562ft	CRI T. DEPTH	Hev=
. 00ft	573. 20	19. 60	564. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 828ft	Dcr= 1. 589ft	CRI T. DEPTH	Hev=
. 00ft	573. 30	20. 41	564. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 869ft	Dcr= 1. 620ft	CRI T. DEPTH	Hev=
. 00ft	573. 40	21. 24	564. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 908ft	Dcr= 1. 648ft	CRI T. DEPTH	Hev=
. 00ft	573. 50	22. 07	564. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 959ft	Dcr= 1. 679ft	CRI T. DEPTH	Hev=
. 00ft	573. 60	22. 83	564. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 001ft	Dcr= 1. 702ft	CRI T. DEPTH	Hev=
. 00ft	573. 70	23. 61	564. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 039ft	Dcr= 1. 722ft	CRI T. DEPTH	Hev=
. 00ft	573. 80	24. 40	564. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 090ft	Dcr= 1. 745ft	CRI T. DEPTH	Hev=
. 00ft	573. 90	25. 15	564. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 138ft	Dcr= 1. 765ft	CRI T. DEPTH	Hev=
. 00ft	574. 00	25. 79	564. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 192ft	Dcr= 1. 784ft	CRI T. DEPTH	Hev=
. 00ft								

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Type. . . . Individual Outlet Curves

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File. . . . \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39. 82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

asbuilt basin 1 2 and 4.txt  
 NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
565.00	.00	565.00	.000	Upstream HW & DNstream TW < Inv. EI		
565.10	.06	565.00	.000	CRI T. DEPTH CONTROL	Vh= .024ft	Dcr= .070ft H. JUMP IN PIPE Hev=
.00ft						
565.20	.20	565.00	.000	CRI T. DEPTH CONTROL	Vh= .024ft	Dcr= .070ft H. JUMP IN PIPE Hev=
.00ft						
565.25	.45	565.00	.000	CRI T. DEPTH CONTROL	Vh= .047ft	Dcr= .141ft H. JUMP IN PIPE Hev=
.00ft						
565.30	.66	565.00	.000	CRI T. DEPTH CONTROL	Vh= .060ft	Dcr= .176ft H. JUMP IN PIPE Hev=
.00ft						
565.40	1.15	565.00	.000	CRI T. DEPTH CONTROL	Vh= .084ft	Dcr= .246ft H. JUMP IN PIPE Hev=
.00ft						
565.50	1.53	565.00	.000	CRI T. DEPTH CONTROL	Vh= .109ft	Dcr= .316ft H. JUMP IN PIPE Hev=
.00ft						
565.60	2.55	565.00	.000	CRI T. DEPTH CONTROL	Vh= .128ft	Dcr= .369ft H. JUMP IN PIPE Hev=
.00ft						
565.70	3.50	565.00	.000	CRI T. DEPTH CONTROL	Vh= .153ft	Dcr= .439ft H. JUMP IN PIPE Hev=
.00ft						
565.75	3.78	565.00	.000	CRI T. DEPTH CONTROL	Vh= .160ft	Dcr= .457ft H. JUMP IN PIPE Hev=
.00ft						
565.80	4.55	565.00	.000	CRI T. DEPTH CONTROL	Vh= .173ft	Dcr= .492ft H. JUMP IN PIPE Hev=
.00ft						
565.90	5.35	565.00	.000	CRI T. DEPTH CONTROL	Vh= .199ft	Dcr= .562ft H. JUMP IN PIPE Hev=
.00ft						
566.00	6.78	565.00	.000	CRI T. DEPTH CONTROL	Vh= .227ft	Dcr= .633ft H. JUMP IN PIPE Hev=
.00ft						
566.10	8.10	565.00	.000	CRI T. DEPTH CONTROL	Vh= .247ft	Dcr= .685ft H. JUMP IN PIPE Hev=
.00ft						
566.20	9.50	565.00	.000	CRI T. DEPTH CONTROL	Vh= .272ft	Dcr= .747ft H. JUMP IN PIPE Hev=
.00ft						

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Type. . . . Individual Outlet Curves

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asbuilt basin 1 2 and 4.txt

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
566.25	10.19	565.00	.000	Vh= .283ft	Dcr= .773ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH	CONTROL			
566.30	11.18	565.00	.000	Vh= .294ft	Dcr= .799ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH	CONTROL			
566.40	12.68	565.00	.000	Vh= .316ft	Dcr= .852ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH	CONTROL			
566.50	14.41	565.00	.000	Vh= .347ft	Dcr= .922ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH	CONTROL			
566.60	16.00	565.00	.000	Vh= .370ft	Dcr= .975ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH	CONTROL			
566.70	17.89	565.00	.000	Vh= .395ft	Dcr= 1.028ft	CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH	CONTROL			
566.75	18.89	565.00	.000	Vh= .407ft	Dcr= 1.054ft	CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH	CONTROL			
566.80	19.64	565.00	.000	Vh= .424ft	Dcr= 1.089ft	CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH	CONTROL			
566.90	21.69	565.00	.000	Vh= .446ft	Dcr= 1.133ft	CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH	CONTROL			
567.00	23.54	565.00	.000	Vh= .478ft	Dcr= 1.195ft	CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH	CONTROL			
567.10	25.73	565.00	.000	Vh= .506ft	Dcr= 1.247ft	CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH	CONTROL			
567.20	27.74	565.00	.000	Vh= .536ft	Dcr= 1.300ft	CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH	CONTROL			
567.25	28.84	565.00	.000	Vh= .546ft	Dcr= 1.318ft	CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH	CONTROL			
567.30	29.95	565.00	.000	Vh= .561ft	Dcr= 1.344ft	CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH	CONTROL			
567.40	31.86	565.00	.000	Vh= .594ft	Dcr= 1.397ft	CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH	CONTROL			



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Type. . . . Individual Outlet Curves

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Name. . . . Outlet 3

File. . . . \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
567.50	34.02	565.00	.000	Vh= .623ft	Dcr= 1.441ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.60	36.17	565.00	.000	Vh= .656ft	Dcr= 1.489ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.70	38.39	565.00	.000	Vh= .685ft	Dcr= 1.529ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.75	39.43	565.00	.000	Vh= .705ft	Dcr= 1.555ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.80	40.50	565.00	.000	Vh= .722ft	Dcr= 1.577ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.90	42.79	565.00	.000	Vh= .755ft	Dcr= 1.616ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.00	44.74	565.00	.000	Vh= .791ft	Dcr= 1.656ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.10	46.89	565.00	.000	Vh= .824ft	Dcr= 1.691ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.20	48.88	565.00	.000	Vh= .865ft	Dcr= 1.731ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.25	49.90	565.00	.000	Vh= .885ft	Dcr= 1.748ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.30	50.92	565.00	.000	Vh= .900ft	Dcr= 1.761ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.40	53.19	565.00	.000	Vh= .948ft	Dcr= 1.801ft	CRI T. DEPTH Hev=
		CRI T. DEPTH CONTROL				

asbuilt basin 1 2 and 4.txt

.00ft	568.50	55.01	565.00	.000			
			CRI T. DEPTH CONTROL		Vh= .984ft	Dcr= 1.827ft	CRI T. DEPTH Hev=
.00ft	568.60	56.89	565.00	.000			
			CRI T. DEPTH CONTROL		Vh= 1.022ft	Dcr= 1.854ft	CRI T. DEPTH Hev=
.00ft	568.70	58.78	565.00	.000			
			CRI T. DEPTH CONTROL		Vh= 1.064ft	Dcr= 1.880ft	CRI T. DEPTH Hev=

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev. ft	Converge +/-ft	Computati on Messages		
568.75	59.96	565.00	.000			
		CRI T. DEPTH CONTROL		Vh= 1.086ft	Dcr= 1.893ft	CRI T. DEPTH Hev=
.00ft	568.80	61.02	565.00	.000		
		CRI T. DEPTH CONTROL		Vh= 1.117ft	Dcr= 1.911ft	CRI T. DEPTH Hev=
.00ft	568.90	62.63	565.00	.000		
		CRI T. DEPTH CONTROL		Vh= 1.160ft	Dcr= 1.933ft	CRI T. DEPTH Hev=
.00ft	569.00	64.35	565.00	.000		
		CRI T. DEPTH CONTROL		Vh= 1.197ft	Dcr= 1.950ft	CRI T. DEPTH Hev=
.00ft	569.10	66.30	565.00	.000		
		CRI T. DEPTH CONTROL		Vh= 1.253ft	Dcr= 1.974ft	CRI T. DEPTH Hev=
.00ft	569.20	68.19	565.00	.000		
		CRI T. DEPTH CONTROL		Vh= 1.298ft	Dcr= 1.992ft	CRI T. DEPTH Hev=
.00ft	569.25	68.94	565.00	.000		
		CRI T. DEPTH CONTROL		Vh= 1.329ft	Dcr= 2.003ft	CRI T. DEPTH Hev=
.00ft	569.30	69.82	565.00	.000		
		CRI T. DEPTH CONTROL		Vh= 1.348ft	Dcr= 2.010ft	CRI T. DEPTH Hev=
.00ft	569.40	71.56	565.00	.000		

asbuilt basin 1 2 and 4.txt

.00ft	569.50	73.06	565.00	.000	CRI T. DEPTH CONTROL	Vh= 1.396ft	Dcr= 2.025ft	CRI T. DEPTH Hev=
.00ft	569.60	74.74	565.00	.000	CRI T. DEPTH CONTROL	Vh= 1.448ft	Dcr= 2.040ft	CRI T. DEPTH Hev=
.00ft	569.70	76.18	565.00	.000	CRI T. DEPTH CONTROL	Vh= 1.498ft	Dcr= 2.053ft	CRI T. DEPTH Hev=
.00ft	569.75	77.09	565.00	.000	CRI T. DEPTH CONTROL	Vh= 1.572ft	Dcr= 2.071ft	CRI T. DEPTH Hev=
.00ft	569.80	77.69	565.00	.000	CRI T. DEPTH CONTROL	Vh= 1.602ft	Dcr= 2.078ft	CRI T. DEPTH Hev=
.00ft	569.90	79.68	565.00	.000	CRI T. DEPTH CONTROL	Vh= 1.657ft	Dcr= 2.089ft	CRI T. DEPTH Hev=

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
570.00	80.81	565.00	.000	
570.10	81.44	565.00	.000	FULL FLOW... Lfull=7.78ft Vh=1.605ft HL=2.861ft Hev= .00ft
570.20	82.22	565.00	.000	FULL FLOW... Lfull=26.21ft Vh=1.630ft HL=3.224ft Hev= .00ft
570.30	83.09	565.00	.000	FULL FLOW... Lfull=37.81ft Vh=1.661ft HL=3.490ft Hev= .00ft
570.40	83.97	565.00	.000	FULL FLOW... Lfull=44.88ft Vh=1.697ft HL=3.692ft Hev= .00ft
570.50	84.87	565.00	.000	FULL FLOW... Lfull=49.69ft Vh=1.733ft HL=3.859ft Hev= .00ft
570.60	85.78	565.00	.000	FULL FLOW... Lfull=53.41ft Vh=1.770ft HL=4.012ft Hev= .00ft
570.70	86.69	565.00	.000	FULL FLOW... Lfull=56.26ft Vh=1.808ft HL=4.154ft Hev= .00ft

asbuilt basin 1 2 and 4.txt

570.80	87.63	565.00	.000	FULL FLOW... Lfull=58.51ft	Vh=1.847ft	HL=4.285ft	Hev=.00ft
570.90	88.53	565.00	.000	FULL FLOW... Lfull=59.63ft	Vh=1.887ft	HL=4.402ft	Hev=.00ft
571.00	89.44	565.00	.000	FULL FLOW... Lfull=60.97ft	Vh=1.926ft	HL=4.520ft	Hev=.00ft
571.10	90.34	565.00	.000	FULL FLOW... Lfull=62.15ft	Vh=1.966ft	HL=4.638ft	Hev=.00ft
571.20	91.22	565.00	.000	FULL FLOW... Lfull=63.07ft	Vh=2.006ft	HL=4.751ft	Hev=.00ft
571.30	92.11	565.00	.000	FULL FLOW... Lfull=63.85ft	Vh=2.045ft	HL=4.862ft	Hev=.00ft
571.40	93.00	565.00	.000	FULL FLOW... Lfull=64.52ft	Vh=2.085ft	HL=4.971ft	Hev=.00ft
				FULL FLOW... Lfull=64.98ft	Vh=2.125ft	HL=5.078ft	Hev=.00ft

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
Computati on Messages			
571.50	93.85	565.00	.000
571.60	94.74	565.00	.000
571.70	95.60	565.00	.000
571.80	96.44	565.00	.000
571.90	97.30	565.00	.000
572.00	98.13	565.00	.000
572.10	98.95	565.00	.000
572.20	99.80	565.00	.000
572.30	100.62	565.00	.000
572.40	101.44	565.00	.000

asbuilt basin 1 2 and 4.txt

572.50	102.26	565.00	.000	FULL FLOW... Lfull=68.00ft	Vh=2.570ft	HL=6.222ft	Hev=.00ft
572.60	103.00	565.00	.000	FULL FLOW... Lfull=68.69ft	Vh=2.607ft	HL=6.332ft	Hev=.00ft
572.70	103.80	565.00	.000	FULL FLOW... Lfull=68.71ft	Vh=2.648ft	HL=6.431ft	Hev=.00ft
572.80	104.61	565.00	.000	FULL FLOW... Lfull=68.78ft	Vh=2.689ft	HL=6.533ft	Hev=.00ft
572.90	105.39	565.00	.000	FULL FLOW... Lfull=68.80ft	Vh=2.729ft	HL=6.632ft	Hev=.00ft

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev. ft	Converge +/-ft	Computati on Messages
573.00	106.18	565.00	.000	FULL FLOW... Lfull=68.82ft Vh=2.771ft HL=6.733ft Hev=.00ft
573.10	106.96	565.00	.000	FULL FLOW... Lfull=68.88ft Vh=2.811ft HL=6.833ft Hev=.00ft
573.20	107.74	565.00	.000	FULL FLOW... Lfull=68.89ft Vh=2.853ft HL=6.934ft Hev=.00ft
573.30	108.50	565.00	.000	FULL FLOW... Lfull=68.94ft Vh=2.893ft HL=7.034ft Hev=.00ft
573.40	109.27	565.00	.000	FULL FLOW... Lfull=68.96ft Vh=2.934ft HL=7.135ft Hev=.00ft
573.50	110.04	565.00	.000	FULL FLOW... Lfull=68.98ft Vh=2.976ft HL=7.235ft Hev=.00ft
573.60	110.78	565.00	.000	FULL FLOW... Lfull=69.00ft Vh=3.016ft HL=7.335ft Hev=.00ft
573.70	111.53	565.00	.000	FULL FLOW... Lfull=69.08ft Vh=3.057ft HL=7.437ft Hev=.00ft
573.80	112.28	565.00	.000	FULL FLOW... Lfull=69.11ft Vh=3.098ft HL=7.538ft Hev=.00ft
573.90	113.01	565.00	.000	FULL FLOW... Lfull=69.15ft Vh=3.139ft HL=7.638ft Hev=.00ft
574.00	113.74	565.00	.000	FULL FLOW... Lfull=69.18ft Vh=3.179ft HL=7.738ft Hev=.00ft

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. Q	TW Elev Converge	Computati on Messages
ft cfs	ft +/-ft	
565.00 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	
565.10 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	
565.20 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	
565.25 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	
565.30 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	
565.40 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	
565.50 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	
565.60 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	
565.70 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	
565.75 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	
565.80 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	
565.90 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	
566.00 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	
566.10 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	
566.20 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	
566.25 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	
566.30 .00	565.00 .000	
	Upstream HW & DNstream TW < Inv. EI	

S/N:

PondPack Ver:

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Type... Individual Outlet Curves  
Name... Outlet 3

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File . . . \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS El ev, Device	Q	Tail Water	Notes
WS El ev. ft	Q cfs	TW El ev ft Converge +/-ft	Computati on Messages
566.40	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI
566.50	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI
566.60	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI
566.70	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI
566.75	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI
566.80	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI
566.90	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI
567.00	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI
567.10	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI
567.20	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI
567.25	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI
567.30	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI
567.40	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI
567.50	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI
567.60	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI
567.70	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI
567.75	.00	565.00 .000	
		Upstream HW & DNstream	TW < Inv. EI

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Type . . . Individual Outlet Curves

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Name . . . Outlet 3

File . . . \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

asbuilt basin 1 2 and 4.txt

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft
		Converge +/-ft
		Computation Messages
567.80	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
567.90	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.00	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.10	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.20	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.25	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.30	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.40	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.50	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.60	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.70	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.75	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.80	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.90	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.00	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.10	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.20	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

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asbuilt basin 1 2 and 4.txt

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft
Computati on Messages		
569.25	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.30	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.40	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.50	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.60	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.70	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.75	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.80	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.90	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
570.00	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
570.10	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
570.20	.00	565.00 .000
		Upstream HW & DNstream TW < Inv. EI
570.30	.04	565.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .042ft Dcr= .125ft CRIT. DEPTH Hev=
570.40	.18	565.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft CRIT. DEPTH Hev=
570.50	.38	565.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft CRIT. DEPTH Hev=
570.60	.57	565.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft CRIT. DEPTH Hev=
570.70	.88	565.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft CRIT. DEPTH Hev=

S/N:

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Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

asbuilt basin 1 2 and 4.txt  
 Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
570.80	1.23	565.00	.000	Vh= .136ft	Dcr= .390ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
570.90	1.62	565.00	.000	Vh= .154ft	Dcr= .437ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.00	2.01	565.00	.000	Vh= .177ft	Dcr= .500ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.10	2.52	565.00	.000	Vh= .195ft	Dcr= .547ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.20	3.13	565.00	.000	Vh= .220ft	Dcr= .609ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.30	3.76	565.00	.000	Vh= .245ft	Dcr= .672ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.40	4.42	565.00	.000	Vh= .271ft	Dcr= .734ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.50	4.97	565.00	.000	Vh= .291ft	Dcr= .781ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.60	5.90	565.00	.000	Vh= .322ft	Dcr= .851ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.70	6.54	565.00	.000	Vh= .351ft	Dcr= .914ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.80	7.40	565.00	.000	Vh= .377ft	Dcr= .968ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.90	8.18	565.00	.000	Vh= .404ft	Dcr= 1.023ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.00	9.04	565.00	.000	Vh= .429ft	Dcr= 1.070ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.10	9.81	565.00	.000	Vh= .454ft	Dcr= 1.117ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.20	10.77	565.00	.000	Vh= .485ft	Dcr= 1.171ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.30	11.58	565.00	.000	Vh= .513ft	Dcr= 1.218ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.40	12.43	565.00	.000	Vh= .548ft	Dcr= 1.273ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			

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Name... Outlet 3

File... \\serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
572.50	13.41	565.00	.000	Vh= .580ft	Dcr= 1.320ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.60	14.27	565.00	.000	Vh= .615ft	Dcr= 1.367ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.70	15.16	565.00	.000	Vh= .645ft	Dcr= 1.406ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.80	16.11	565.00	.000	Vh= .685ft	Dcr= 1.452ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.90	17.06	565.00	.000	Vh= .714ft	Dcr= 1.484ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.00	17.77	565.00	.000	Vh= .753ft	Dcr= 1.523ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.10	18.71	565.00	.000	Vh= .795ft	Dcr= 1.562ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.20	19.60	565.00	.000	Vh= .828ft	Dcr= 1.589ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.30	20.41	565.00	.000	Vh= .869ft	Dcr= 1.620ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.40	21.24	565.00	.000	Vh= .908ft	Dcr= 1.648ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.50	22.07	565.00	.000	Vh= .959ft	Dcr= 1.679ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.60	22.83	565.00	.000	Vh= 1.001ft	Dcr= 1.702ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.70	23.61	565.00	.000	Vh= 1.039ft	Dcr= 1.722ft	CRI T. DEPTH Hev=
		CRI T. DEPTH	CONTROL			

asbuilt basin 1 2 and 4.txt

.00ft	573.80	24.40	565.00	.000				
					CRIT. DEPTH CONTROL	Vh= 1.090ft	Dcr= 1.745ft	CRIT. DEPTH Hev=
.00ft	573.90	25.15	565.00	.000				
					CRIT. DEPTH CONTROL	Vh= 1.138ft	Dcr= 1.765ft	CRIT. DEPTH Hev=
.00ft	574.00	25.79	565.00	.000				
					CRIT. DEPTH CONTROL	Vh= 1.192ft	Dcr= 1.784ft	CRIT. DEPTH Hev=

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
565.00	-.58	565.25	.000			
				REVERSE BACKWATER..	Vh= .000ft	twDi = 1.250ft Lbw= 70.0ft Hev=
.00ft						
565.10	-.58	565.25	.000			
				REVERSE BACKWATER..	Vh= .000ft	twDi = 1.250ft Lbw= 70.0ft Hev=
.00ft						
565.20	-.56	565.25	.000			
				REVERSE BACKWATER..	Vh= .000ft	twDi = 1.249ft Lbw= 70.0ft Hev=
.00ft						
565.25	.00	565.25	.000			
				HW = TW elev		
565.30	.69	565.25	.000			
				CRIT. DEPTH CONTROL	Vh= .072ft	Dcr= .211ft H. JUMP IN PIPE Hev=
.00ft						
565.40	1.15	565.25	.000			
				CRIT. DEPTH CONTROL	Vh= .084ft	Dcr= .246ft H. JUMP IN PIPE Hev=
.00ft						
565.50	1.53	565.25	.000			
				CRIT. DEPTH CONTROL	Vh= .109ft	Dcr= .316ft H. JUMP IN PIPE Hev=
.00ft						
565.60	2.55	565.25	.000			
				CRIT. DEPTH CONTROL	Vh= .128ft	Dcr= .369ft H. JUMP IN PIPE Hev=
.00ft						
565.70	3.50	565.25	.000			

asbuilt basin 1 2 and 4.txt

.00ft	565.75	3.78	565.25	.000	CRI T. DEPTH CONTROL	Vh= .153ft	Dcr= .439ft	H. JUMP IN PIPE Hev=
.00ft	565.80	4.55	565.25	.000	CRI T. DEPTH CONTROL	Vh= .160ft	Dcr= .457ft	H. JUMP IN PIPE Hev=
.00ft	565.90	5.35	565.25	.000	CRI T. DEPTH CONTROL	Vh= .173ft	Dcr= .492ft	H. JUMP IN PIPE Hev=
.00ft	566.00	6.78	565.25	.000	CRI T. DEPTH CONTROL	Vh= .199ft	Dcr= .562ft	H. JUMP IN PIPE Hev=
.00ft	566.10	8.10	565.25	.000	CRI T. DEPTH CONTROL	Vh= .227ft	Dcr= .633ft	H. JUMP IN PIPE Hev=
.00ft	566.20	9.50	565.25	.000	CRI T. DEPTH CONTROL	Vh= .247ft	Dcr= .685ft	H. JUMP IN PIPE Hev=
.00ft						Vh= .272ft	Dcr= .747ft	H. JUMP IN PIPE Hev=

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Type. . . . Individual Outlet Curves

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Name. . . . Outlet 3

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water		Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
566.25	10.19	565.25	.000	Vh= .283ft	Dcr= .773ft	H. JUMP IN PIPE Hev=
.00ft						
566.30	11.18	565.25	.000	Vh= .294ft	Dcr= .799ft	H. JUMP IN PIPE Hev=
.00ft						
566.40	12.68	565.25	.000	Vh= .316ft	Dcr= .852ft	H. JUMP IN PIPE Hev=
.00ft						
566.50	14.41	565.25	.000	Vh= .347ft	Dcr= .922ft	H. JUMP IN PIPE Hev=
.00ft						
566.60	16.00	565.25	.000	Vh= .370ft	Dcr= .975ft	H. JUMP IN PIPE Hev=
.00ft						

asbuilt basin 1 2 and 4.txt

566.70 .00ft	17.89	565.25	.000	CRI T. DEPTH CONTROL	Vh= .395ft	Dcr= 1.028ft	H. JUMP IN PIPE Hev=
566.75 .00ft	18.89	565.25	.000	CRI T. DEPTH CONTROL	Vh= .407ft	Dcr= 1.054ft	H. JUMP IN PIPE Hev=
566.80 .00ft	19.64	565.25	.000	CRI T. DEPTH CONTROL	Vh= .424ft	Dcr= 1.089ft	H. JUMP IN PIPE Hev=
566.90 .00ft	21.69	565.25	.000	CRI T. DEPTH CONTROL	Vh= .446ft	Dcr= 1.133ft	H. JUMP IN PIPE Hev=
567.00 .00ft	23.54	565.25	.000	CRI T. DEPTH CONTROL	Vh= .478ft	Dcr= 1.195ft	H. JUMP IN PIPE Hev=
567.10 .00ft	25.73	565.25	.000	CRI T. DEPTH CONTROL	Vh= .506ft	Dcr= 1.247ft	H. JUMP IN PIPE Hev=
567.20 .00ft	27.74	565.25	.000	CRI T. DEPTH CONTROL	Vh= .536ft	Dcr= 1.300ft	CRI T. DEPTH Hev=
567.25 .00ft	28.84	565.25	.000	CRI T. DEPTH CONTROL	Vh= .546ft	Dcr= 1.318ft	CRI T. DEPTH Hev=
567.30 .00ft	29.95	565.25	.000	CRI T. DEPTH CONTROL	Vh= .561ft	Dcr= 1.344ft	CRI T. DEPTH Hev=
567.40 .00ft	31.86	565.25	.000	CRI T. DEPTH CONTROL	Vh= .594ft	Dcr= 1.397ft	CRI T. DEPTH Hev=

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
-----			
567.50 .00ft	34.02	565.25	.000
		CRI T. DEPTH CONTROL	Vh= .623ft Dcr= 1.441ft CRI T. DEPTH Hev=
567.60	36.17	565.25	.000
		CRI T. DEPTH CONTROL	Vh= .656ft Dcr= 1.489ft CRI T. DEPTH Hev=

asbuil t basin 1 2 and 4. txt

. 00ft	567. 70	38. 39	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 685ft	Dcr= 1. 529ft	CRI T. DEPTH	Hev=
. 00ft	567. 75	39. 43	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 705ft	Dcr= 1. 555ft	CRI T. DEPTH	Hev=
. 00ft	567. 80	40. 50	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 722ft	Dcr= 1. 577ft	CRI T. DEPTH	Hev=
. 00ft	567. 90	42. 79	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 755ft	Dcr= 1. 616ft	CRI T. DEPTH	Hev=
. 00ft	568. 00	44. 74	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 791ft	Dcr= 1. 656ft	CRI T. DEPTH	Hev=
. 00ft	568. 10	46. 89	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 824ft	Dcr= 1. 691ft	CRI T. DEPTH	Hev=
. 00ft	568. 20	48. 88	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 865ft	Dcr= 1. 731ft	CRI T. DEPTH	Hev=
. 00ft	568. 25	49. 90	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 885ft	Dcr= 1. 748ft	CRI T. DEPTH	Hev=
. 00ft	568. 30	50. 92	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 900ft	Dcr= 1. 761ft	CRI T. DEPTH	Hev=
. 00ft	568. 40	53. 19	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 948ft	Dcr= 1. 801ft	CRI T. DEPTH	Hev=
. 00ft	568. 50	55. 01	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 984ft	Dcr= 1. 827ft	CRI T. DEPTH	Hev=
. 00ft	568. 60	56. 89	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 022ft	Dcr= 1. 854ft	CRI T. DEPTH	Hev=
. 00ft	568. 70	58. 78	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 064ft	Dcr= 1. 880ft	CRI T. DEPTH	Hev=

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Name. . . . Outlet 3

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39. 82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

asbuilt basin 1 2 and 4.txt

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
568.75	59.96	565.25	.000	Vh= 1.086ft	Dcr= 1.893ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.80	61.02	565.25	.000	Vh= 1.117ft	Dcr= 1.911ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.90	62.63	565.25	.000	Vh= 1.160ft	Dcr= 1.933ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.00	64.35	565.25	.000	Vh= 1.197ft	Dcr= 1.950ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.10	66.30	565.25	.000	Vh= 1.253ft	Dcr= 1.974ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.20	68.19	565.25	.000	Vh= 1.298ft	Dcr= 1.992ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.25	68.94	565.25	.000	Vh= 1.329ft	Dcr= 2.003ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.30	69.82	565.25	.000	Vh= 1.348ft	Dcr= 2.010ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.40	71.56	565.25	.000	Vh= 1.396ft	Dcr= 2.025ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.50	73.06	565.25	.000	Vh= 1.448ft	Dcr= 2.040ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.60	74.74	565.25	.000	Vh= 1.498ft	Dcr= 2.053ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.70	76.18	565.25	.000	Vh= 1.543ft	Dcr= 2.064ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.75	77.09	565.25	.000	Vh= 1.572ft	Dcr= 2.071ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.80	77.69	565.25	.000	Vh= 1.602ft	Dcr= 2.078ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.90	79.68	565.25	.000	Vh= 1.657ft	Dcr= 2.089ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				

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RATING TABLE FOR ONE OUTLET TYPE



asbuilt basin 1 2 and 4.txt  
 Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages	
570.00	80.81	565.25	.000		
		FULL FLOW...	Lfull=7.78ft	Vh=1.605ft	HL=2.861ft Hev=.00ft
570.10	81.44	565.25	.000		
		FULL FLOW...	Lfull=26.21ft	Vh=1.630ft	HL=3.224ft Hev=.00ft
570.20	82.22	565.25	.000		
		FULL FLOW...	Lfull=37.81ft	Vh=1.661ft	HL=3.490ft Hev=.00ft
570.30	83.09	565.25	.000		
		FULL FLOW...	Lfull=44.88ft	Vh=1.697ft	HL=3.692ft Hev=.00ft
570.40	83.97	565.25	.000		
		FULL FLOW...	Lfull=49.69ft	Vh=1.733ft	HL=3.859ft Hev=.00ft
570.50	84.87	565.25	.000		
		FULL FLOW...	Lfull=53.41ft	Vh=1.770ft	HL=4.012ft Hev=.00ft
570.60	85.78	565.25	.000		
		FULL FLOW...	Lfull=56.26ft	Vh=1.808ft	HL=4.154ft Hev=.00ft
570.70	86.69	565.25	.000		
		FULL FLOW...	Lfull=58.51ft	Vh=1.847ft	HL=4.285ft Hev=.00ft
570.80	87.63	565.25	.000		
		FULL FLOW...	Lfull=59.63ft	Vh=1.887ft	HL=4.402ft Hev=.00ft
570.90	88.53	565.25	.000		
		FULL FLOW...	Lfull=60.97ft	Vh=1.926ft	HL=4.520ft Hev=.00ft
571.00	89.44	565.25	.000		
		FULL FLOW...	Lfull=62.15ft	Vh=1.966ft	HL=4.638ft Hev=.00ft
571.10	90.34	565.25	.000		
		FULL FLOW...	Lfull=63.07ft	Vh=2.006ft	HL=4.751ft Hev=.00ft
571.20	91.22	565.25	.000		
		FULL FLOW...	Lfull=63.85ft	Vh=2.045ft	HL=4.862ft Hev=.00ft
571.30	92.11	565.25	.000		
		FULL FLOW...	Lfull=64.52ft	Vh=2.085ft	HL=4.971ft Hev=.00ft
571.40	93.00	565.25	.000		
		FULL FLOW...	Lfull=64.98ft	Vh=2.125ft	HL=5.078ft Hev=.00ft

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

asbuilt basin 1 2 and 4.txt

NUMBER OF BARRELS = 2  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
571.50	93.85	565.25	.000			
		FULL FLOW...	Lfull=65.60ft	Vh=2.165ft	HL=5.186ft	Hev=.00ft
571.60	94.74	565.25	.000			
		FULL FLOW...	Lfull=65.92ft	Vh=2.206ft	HL=5.292ft	Hev=.00ft
571.70	95.60	565.25	.000			
		FULL FLOW...	Lfull=66.32ft	Vh=2.246ft	HL=5.398ft	Hev=.00ft
571.80	96.44	565.25	.000			
		FULL FLOW...	Lfull=66.70ft	Vh=2.286ft	HL=5.503ft	Hev=.00ft
571.90	97.30	565.25	.000			
		FULL FLOW...	Lfull=66.90ft	Vh=2.327ft	HL=5.606ft	Hev=.00ft
572.00	98.13	565.25	.000			
		FULL FLOW...	Lfull=67.24ft	Vh=2.367ft	HL=5.711ft	Hev=.00ft
572.10	98.95	565.25	.000			
		FULL FLOW...	Lfull=67.53ft	Vh=2.406ft	HL=5.814ft	Hev=.00ft
572.20	99.80	565.25	.000			
		FULL FLOW...	Lfull=67.63ft	Vh=2.448ft	HL=5.917ft	Hev=.00ft
572.30	100.62	565.25	.000			
		FULL FLOW...	Lfull=67.79ft	Vh=2.488ft	HL=6.019ft	Hev=.00ft
572.40	101.44	565.25	.000			
		FULL FLOW...	Lfull=67.92ft	Vh=2.529ft	HL=6.121ft	Hev=.00ft
572.50	102.26	565.25	.000			
		FULL FLOW...	Lfull=68.00ft	Vh=2.570ft	HL=6.222ft	Hev=.00ft
572.60	103.00	565.25	.000			
		FULL FLOW...	Lfull=68.69ft	Vh=2.607ft	HL=6.332ft	Hev=.00ft
572.70	103.80	565.25	.000			
		FULL FLOW...	Lfull=68.71ft	Vh=2.648ft	HL=6.431ft	Hev=.00ft
572.80	104.61	565.25	.000			
		FULL FLOW...	Lfull=68.78ft	Vh=2.689ft	HL=6.533ft	Hev=.00ft
572.90	105.39	565.25	.000			
		FULL FLOW...	Lfull=68.80ft	Vh=2.729ft	HL=6.632ft	Hev=.00ft

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

asbuilt basin 1 2 and 4.txt

WS Elev, Device Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages	
573.00	106.18	565.25	.000		
		FULL FLOW...	Lfull=68.82ft	Vh=2.771ft	HL=6.733ft Hev=.00ft
573.10	106.96	565.25	.000		
		FULL FLOW...	Lfull=68.88ft	Vh=2.811ft	HL=6.833ft Hev=.00ft
573.20	107.74	565.25	.000		
		FULL FLOW...	Lfull=68.89ft	Vh=2.853ft	HL=6.934ft Hev=.00ft
573.30	108.50	565.25	.000		
		FULL FLOW...	Lfull=68.94ft	Vh=2.893ft	HL=7.034ft Hev=.00ft
573.40	109.27	565.25	.000		
		FULL FLOW...	Lfull=68.96ft	Vh=2.934ft	HL=7.135ft Hev=.00ft
573.50	110.04	565.25	.000		
		FULL FLOW...	Lfull=68.98ft	Vh=2.976ft	HL=7.235ft Hev=.00ft
573.60	110.78	565.25	.000		
		FULL FLOW...	Lfull=69.00ft	Vh=3.016ft	HL=7.335ft Hev=.00ft
573.70	111.53	565.25	.000		
		FULL FLOW...	Lfull=69.08ft	Vh=3.057ft	HL=7.437ft Hev=.00ft
573.80	112.28	565.25	.000		
		FULL FLOW...	Lfull=69.11ft	Vh=3.098ft	HL=7.538ft Hev=.00ft
573.90	113.01	565.25	.000		
		FULL FLOW...	Lfull=69.15ft	Vh=3.139ft	HL=7.638ft Hev=.00ft
574.00	113.74	565.25	.000		
		FULL FLOW...	Lfull=69.18ft	Vh=3.179ft	HL=7.738ft Hev=.00ft

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Type... Individual Outlet Curves

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages	
565.00	-.00	565.25	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.10	-.00	565.25	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.20	-.00	565.25	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.25	.00	565.25	.000		
		Upstream HW & DNstream TW < Inv. EI			
565.30	.00	565.25	.000		
		Upstream HW & DNstream TW < Inv. EI			

asbuilt basin 1 2 and 4.txt

565.40	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
565.50	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
565.60	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
565.70	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
565.75	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
565.80	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
565.90	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
566.00	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
566.10	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
566.20	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
566.25	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
566.30	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft	Computati on Messages
566.40	.00	565.25 .000	Upstream HW & DNstream TW < Inv. EI
566.50	.00	565.25 .000	Upstream HW & DNstream TW < Inv. EI
566.60	.00	565.25 .000	Upstream HW & DNstream TW < Inv. EI
566.70	.00	565.25 .000	Upstream HW & DNstream TW < Inv. EI
566.75	.00	565.25 .000	Upstream HW & DNstream TW < Inv. EI
566.80	.00	565.25 .000	Upstream HW & DNstream TW < Inv. EI
566.90	.00	565.25 .000	Upstream HW & DNstream TW < Inv. EI

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567.00	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
567.10	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
567.20	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
567.25	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
567.30	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
567.40	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
567.50	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
567.60	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
567.70	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI
567.75	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
567.80	.00	565.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
567.90	.00	565.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.00	.00	565.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.10	.00	565.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.20	.00	565.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.25	.00	565.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.30	.00	565.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.40	.00	565.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.50	.00	565.25	.000	
		Upstream HW & DNstream TW < Inv. EI		

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568.60 .00 565.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 568.70 .00 565.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 568.75 .00 565.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 568.80 .00 565.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 568.90 .00 565.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 569.00 .00 565.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 569.10 .00 565.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 569.20 .00 565.25 .000  
 Upstream HW & DNstream TW < Inv. EI

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft
		Converge +/-ft
-----		
569.25	.00	565.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.30	.00	565.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.40	.00	565.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.50	.00	565.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.60	.00	565.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.70	.00	565.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.75	.00	565.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.80	.00	565.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.90	.00	565.25 .000
		Upstream HW & DNstream TW < Inv. EI
570.00	.00	565.25 .000
		Upstream HW & DNstream TW < Inv. EI
570.10	.00	565.25 .000
		Upstream HW & DNstream TW < Inv. EI

asbuilt basin 1 2 and 4.txt

570.20	.00	565.25	.000	Upstream HW & DNstream TW < Inv. EI			
570.30	.04	565.25	.000	CRI T. DEPTH CONTROL	Vh= .042ft	Dcr= .125ft	CRI T. DEPTH Hev=
.00ft							
570.40	.18	565.25	.000	CRI T. DEPTH CONTROL	Vh= .064ft	Dcr= .187ft	CRI T. DEPTH Hev=
.00ft							
570.50	.38	565.25	.000	CRI T. DEPTH CONTROL	Vh= .064ft	Dcr= .187ft	CRI T. DEPTH Hev=
.00ft							
570.60	.57	565.25	.000	CRI T. DEPTH CONTROL	Vh= .097ft	Dcr= .281ft	CRI T. DEPTH Hev=
.00ft							
570.70	.88	565.25	.000	CRI T. DEPTH CONTROL	Vh= .108ft	Dcr= .312ft	CRI T. DEPTH Hev=
.00ft							

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes			
WS Elev. ft	Q cfs	TW Elev. ft	Converge +/-ft	Computation Messages		
570.80	1.23	565.25	.000	Vh= .136ft	Dcr= .390ft	CRI T. DEPTH Hev=
.00ft						
570.90	1.62	565.25	.000	Vh= .154ft	Dcr= .437ft	CRI T. DEPTH Hev=
.00ft						
571.00	2.01	565.25	.000	Vh= .177ft	Dcr= .500ft	CRI T. DEPTH Hev=
.00ft						
571.10	2.52	565.25	.000	Vh= .195ft	Dcr= .547ft	CRI T. DEPTH Hev=
.00ft						
571.20	3.13	565.25	.000	Vh= .220ft	Dcr= .609ft	CRI T. DEPTH Hev=
.00ft						
571.30	3.76	565.25	.000	Vh= .245ft	Dcr= .672ft	CRI T. DEPTH Hev=
.00ft						
571.40	4.42	565.25	.000	Vh= .271ft	Dcr= .734ft	CRI T. DEPTH Hev=
.00ft						

asbuilt basin 1 2 and 4.txt

571.50	4.97	565.25	.000	Vh= .291ft	Dcr= .781ft	CRI T. DEPTH Hev=
.00ft						
571.60	5.90	565.25	.000	Vh= .322ft	Dcr= .851ft	CRI T. DEPTH Hev=
.00ft						
571.70	6.54	565.25	.000	Vh= .351ft	Dcr= .914ft	CRI T. DEPTH Hev=
.00ft						
571.80	7.40	565.25	.000	Vh= .377ft	Dcr= .968ft	CRI T. DEPTH Hev=
.00ft						
571.90	8.18	565.25	.000	Vh= .404ft	Dcr= 1.023ft	CRI T. DEPTH Hev=
.00ft						
572.00	9.04	565.25	.000	Vh= .429ft	Dcr= 1.070ft	CRI T. DEPTH Hev=
.00ft						
572.10	9.81	565.25	.000	Vh= .454ft	Dcr= 1.117ft	CRI T. DEPTH Hev=
.00ft						
572.20	10.77	565.25	.000	Vh= .485ft	Dcr= 1.171ft	CRI T. DEPTH Hev=
.00ft						
572.30	11.58	565.25	.000	Vh= .513ft	Dcr= 1.218ft	CRI T. DEPTH Hev=
.00ft						
572.40	12.43	565.25	.000	Vh= .548ft	Dcr= 1.273ft	CRI T. DEPTH Hev=
.00ft						

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
572.50	13.41	565.25	.000	Vh= .580ft	Dcr= 1.320ft	CRI T. DEPTH Hev=
.00ft						
572.60	14.27	565.25	.000	Vh= .615ft	Dcr= 1.367ft	CRI T. DEPTH Hev=
.00ft						
572.70	15.16	565.25	.000	Vh= .645ft	Dcr= 1.406ft	CRI T. DEPTH Hev=



asbuil t basin 1 2 and 4. txt

. 00ft	572. 80	16. 11	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 685ft	Dcr= 1. 452ft	CRI T. DEPTH	Hev=
. 00ft	572. 90	17. 06	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 714ft	Dcr= 1. 484ft	CRI T. DEPTH	Hev=
. 00ft	573. 00	17. 77	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 753ft	Dcr= 1. 523ft	CRI T. DEPTH	Hev=
. 00ft	573. 10	18. 71	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 795ft	Dcr= 1. 562ft	CRI T. DEPTH	Hev=
. 00ft	573. 20	19. 60	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 828ft	Dcr= 1. 589ft	CRI T. DEPTH	Hev=
. 00ft	573. 30	20. 41	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 869ft	Dcr= 1. 620ft	CRI T. DEPTH	Hev=
. 00ft	573. 40	21. 24	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 908ft	Dcr= 1. 648ft	CRI T. DEPTH	Hev=
. 00ft	573. 50	22. 07	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= . 959ft	Dcr= 1. 679ft	CRI T. DEPTH	Hev=
. 00ft	573. 60	22. 83	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 001ft	Dcr= 1. 702ft	CRI T. DEPTH	Hev=
. 00ft	573. 70	23. 61	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 039ft	Dcr= 1. 722ft	CRI T. DEPTH	Hev=
. 00ft	573. 80	24. 40	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 090ft	Dcr= 1. 745ft	CRI T. DEPTH	Hev=
. 00ft	573. 90	25. 15	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 138ft	Dcr= 1. 765ft	CRI T. DEPTH	Hev=
. 00ft	574. 00	25. 79	565. 25	. 000				
			CRI T. DEPTH CONTROL		Vh= 1. 192ft	Dcr= 1. 784ft	CRI T. DEPTH	Hev=

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

-----  
Mannings open channel maximum capacity: 39. 82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

asbuilt basin 1 2 and 4.txt

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
565.00	-2.26	565.50	.000	Vh= .003ft	twDi = 1.495ft	Lbw= 70.0ft Hev=
.00ft		REVERSE BACKWATER.				
565.10	-2.26	565.50	.000	Vh= .003ft	twDi = 1.495ft	Lbw= 70.0ft Hev=
.00ft		REVERSE BACKWATER.				
565.20	-2.26	565.50	.000	Vh= .003ft	twDi = 1.495ft	Lbw= 70.0ft Hev=
.00ft		REVERSE BACKWATER.				
565.25	-2.26	565.50	.000	Vh= .003ft	twDi = 1.495ft	Lbw= 70.0ft Hev=
.00ft		REVERSE BACKWATER.				
565.30	-2.26	565.50	.000	Vh= .003ft	twDi = 1.495ft	Lbw= 70.0ft Hev=
.00ft		REVERSE BACKWATER.				
565.40	-2.19	565.50	.000	Vh= .002ft	twDi = 1.496ft	Lbw= 70.0ft Hev=
.00ft		REVERSE BACKWATER.				
565.50	.00	565.50	.000			
		HW = TW elev				
565.60	2.68	565.50	.000	Vh= .104ft	hwDi = .423ft	Lbw= 70.0ft Hev=
.00ft		BACKWATER CONTROL.				
565.70	3.50	565.50	.000	Vh= .153ft	Dcr= .439ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH CONTROL				
565.75	3.78	565.50	.000	Vh= .160ft	Dcr= .457ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH CONTROL				
565.80	4.55	565.50	.000	Vh= .173ft	Dcr= .492ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH CONTROL				
565.90	5.35	565.50	.000	Vh= .199ft	Dcr= .562ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH CONTROL				
566.00	6.78	565.50	.000	Vh= .227ft	Dcr= .633ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH CONTROL				
566.10	8.10	565.50	.000	Vh= .247ft	Dcr= .685ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH CONTROL				
566.20	9.50	565.50	.000	Vh= .272ft	Dcr= .747ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH CONTROL				

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RATING TABLE FOR ONE OUTLET TYPE

asbuilt basin 1 2 and 4.txt  
 Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
566.25	10.19	565.50	.000	Vh= .283ft	Dcr= .773ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
566.30	11.18	565.50	.000	Vh= .294ft	Dcr= .799ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
566.40	12.68	565.50	.000	Vh= .316ft	Dcr= .852ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
566.50	14.41	565.50	.000	Vh= .347ft	Dcr= .922ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
566.60	16.00	565.50	.000	Vh= .370ft	Dcr= .975ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
566.70	17.89	565.50	.000	Vh= .395ft	Dcr= 1.028ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
566.75	18.89	565.50	.000	Vh= .407ft	Dcr= 1.054ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
566.80	19.64	565.50	.000	Vh= .424ft	Dcr= 1.089ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
566.90	21.69	565.50	.000	Vh= .446ft	Dcr= 1.133ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
567.00	23.54	565.50	.000	Vh= .478ft	Dcr= 1.195ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
567.10	25.73	565.50	.000	Vh= .506ft	Dcr= 1.247ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
567.20	27.74	565.50	.000	Vh= .536ft	Dcr= 1.300ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
567.25	28.84	565.50	.000	Vh= .546ft	Dcr= 1.318ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
567.30	29.95	565.50	.000	Vh= .561ft	Dcr= 1.344ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
567.40	31.86	565.50	.000	Vh= .594ft	Dcr= 1.397ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			

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Type... Individual Outlet Curves  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
567.50	34.02	565.50	.000	Vh= .623ft	Dcr= 1.441ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
567.60	36.17	565.50	.000	Vh= .656ft	Dcr= 1.489ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
567.70	38.39	565.50	.000	Vh= .685ft	Dcr= 1.529ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.75	39.43	565.50	.000	Vh= .705ft	Dcr= 1.555ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.80	40.50	565.50	.000	Vh= .722ft	Dcr= 1.577ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
567.90	42.79	565.50	.000	Vh= .755ft	Dcr= 1.616ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.00	44.74	565.50	.000	Vh= .791ft	Dcr= 1.656ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.10	46.89	565.50	.000	Vh= .824ft	Dcr= 1.691ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.20	48.88	565.50	.000	Vh= .865ft	Dcr= 1.731ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.25	49.90	565.50	.000	Vh= .885ft	Dcr= 1.748ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.30	50.92	565.50	.000	Vh= .900ft	Dcr= 1.761ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.40	53.19	565.50	.000	Vh= .948ft	Dcr= 1.801ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.50	55.01	565.50	.000	Vh= .984ft	Dcr= 1.827ft	CRI T. DEPTH Hev=
		CRI T. DEPTH CONTROL				

asbuilt basin 1 2 and 4.txt

.00ft	568.60	56.89	565.50	.000			
			CRI T. DEPTH CONTROL		Vh= 1.022ft	Dcr= 1.854ft	CRI T. DEPTH Hev=
.00ft	568.70	58.78	565.50	.000			
			CRI T. DEPTH CONTROL		Vh= 1.064ft	Dcr= 1.880ft	CRI T. DEPTH Hev=

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water		Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
568.75	59.96	565.50	.000			
		CRI T. DEPTH CONTROL		Vh= 1.086ft	Dcr= 1.893ft	CRI T. DEPTH Hev=
.00ft	568.80	61.02	565.50	.000		
		CRI T. DEPTH CONTROL		Vh= 1.117ft	Dcr= 1.911ft	CRI T. DEPTH Hev=
.00ft	568.90	62.63	565.50	.000		
		CRI T. DEPTH CONTROL		Vh= 1.160ft	Dcr= 1.933ft	CRI T. DEPTH Hev=
.00ft	569.00	64.35	565.50	.000		
		CRI T. DEPTH CONTROL		Vh= 1.197ft	Dcr= 1.950ft	CRI T. DEPTH Hev=
.00ft	569.10	66.30	565.50	.000		
		CRI T. DEPTH CONTROL		Vh= 1.253ft	Dcr= 1.974ft	CRI T. DEPTH Hev=
.00ft	569.20	68.19	565.50	.000		
		CRI T. DEPTH CONTROL		Vh= 1.298ft	Dcr= 1.992ft	CRI T. DEPTH Hev=
.00ft	569.25	68.94	565.50	.000		
		CRI T. DEPTH CONTROL		Vh= 1.329ft	Dcr= 2.003ft	CRI T. DEPTH Hev=
.00ft	569.30	69.82	565.50	.000		
		CRI T. DEPTH CONTROL		Vh= 1.348ft	Dcr= 2.010ft	CRI T. DEPTH Hev=
.00ft	569.40	71.56	565.50	.000		
		CRI T. DEPTH CONTROL		Vh= 1.396ft	Dcr= 2.025ft	CRI T. DEPTH Hev=
.00ft	569.50	73.06	565.50	.000		

asbuilt basin 1 2 and 4.txt

.00ft				CRI T. DEPTH CONTROL	Vh= 1.448ft	Dcr= 2.040ft	CRI T. DEPTH Hev=
569.60	74.74	565.50	.000				
.00ft				CRI T. DEPTH CONTROL	Vh= 1.498ft	Dcr= 2.053ft	CRI T. DEPTH Hev=
569.70	76.18	565.50	.000				
.00ft				CRI T. DEPTH CONTROL	Vh= 1.543ft	Dcr= 2.064ft	CRI T. DEPTH Hev=
569.75	77.09	565.50	.000				
.00ft				CRI T. DEPTH CONTROL	Vh= 1.572ft	Dcr= 2.071ft	CRI T. DEPTH Hev=
569.80	77.69	565.50	.000				
.00ft				CRI T. DEPTH CONTROL	Vh= 1.602ft	Dcr= 2.078ft	CRI T. DEPTH Hev=
569.90	79.68	565.50	.000				
.00ft				CRI T. DEPTH CONTROL	Vh= 1.657ft	Dcr= 2.089ft	CRI T. DEPTH Hev=

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
-----			
570.00	80.81	565.50	.000
		FULL FLOW...	Lfull=7.78ft Vh=1.605ft HL=2.861ft Hev= .00ft
570.10	81.44	565.50	.000
		FULL FLOW...	Lfull=26.21ft Vh=1.630ft HL=3.224ft Hev= .00ft
570.20	82.22	565.50	.000
		FULL FLOW...	Lfull=37.81ft Vh=1.661ft HL=3.490ft Hev= .00ft
570.30	83.09	565.50	.000
		FULL FLOW...	Lfull=44.88ft Vh=1.697ft HL=3.692ft Hev= .00ft
570.40	83.97	565.50	.000
		FULL FLOW...	Lfull=49.69ft Vh=1.733ft HL=3.859ft Hev= .00ft
570.50	84.87	565.50	.000
		FULL FLOW...	Lfull=53.41ft Vh=1.770ft HL=4.012ft Hev= .00ft
570.60	85.78	565.50	.000
		FULL FLOW...	Lfull=56.26ft Vh=1.808ft HL=4.154ft Hev= .00ft
570.70	86.69	565.50	.000
		FULL FLOW...	Lfull=58.51ft Vh=1.847ft HL=4.285ft Hev= .00ft
570.80	87.63	565.50	.000
		FULL FLOW...	Lfull=59.63ft Vh=1.887ft HL=4.402ft Hev= .00ft

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570.90	88.53	565.50	.000	FULL FLOW... Lfull=60.97ft	Vh=1.926ft	HL=4.520ft	Hev= .00ft
571.00	89.44	565.50	.000	FULL FLOW... Lfull=62.15ft	Vh=1.966ft	HL=4.638ft	Hev= .00ft
571.10	90.34	565.50	.000	FULL FLOW... Lfull=63.07ft	Vh=2.006ft	HL=4.751ft	Hev= .00ft
571.20	91.22	565.50	.000	FULL FLOW... Lfull=63.85ft	Vh=2.045ft	HL=4.862ft	Hev= .00ft
571.30	92.11	565.50	.000	FULL FLOW... Lfull=64.52ft	Vh=2.085ft	HL=4.971ft	Hev= .00ft
571.40	93.00	565.50	.000	FULL FLOW... Lfull=64.98ft	Vh=2.125ft	HL=5.078ft	Hev= .00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water		Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
571.50	93.85	565.50	.000	FULL FLOW... Lfull=65.60ft Vh=2.165ft HL=5.186ft Hev= .00ft
571.60	94.74	565.50	.000	FULL FLOW... Lfull=65.92ft Vh=2.206ft HL=5.292ft Hev= .00ft
571.70	95.60	565.50	.000	FULL FLOW... Lfull=66.32ft Vh=2.246ft HL=5.398ft Hev= .00ft
571.80	96.44	565.50	.000	FULL FLOW... Lfull=66.70ft Vh=2.286ft HL=5.503ft Hev= .00ft
571.90	97.30	565.50	.000	FULL FLOW... Lfull=66.90ft Vh=2.327ft HL=5.606ft Hev= .00ft
572.00	98.13	565.50	.000	FULL FLOW... Lfull=67.24ft Vh=2.367ft HL=5.711ft Hev= .00ft
572.10	98.95	565.50	.000	FULL FLOW... Lfull=67.53ft Vh=2.406ft HL=5.814ft Hev= .00ft
572.20	99.80	565.50	.000	FULL FLOW... Lfull=67.63ft Vh=2.448ft HL=5.917ft Hev= .00ft
572.30	100.62	565.50	.000	FULL FLOW... Lfull=67.79ft Vh=2.488ft HL=6.019ft Hev= .00ft
572.40	101.44	565.50	.000	FULL FLOW... Lfull=67.92ft Vh=2.529ft HL=6.121ft Hev= .00ft
572.50	102.26	565.50	.000	FULL FLOW... Lfull=68.00ft Vh=2.570ft HL=6.222ft Hev= .00ft
572.60	103.00	565.50	.000	

asbuilt basin 1 2 and 4.txt

572.70	103.80	565.50	.000	FULL FLOW... Lfull=68.69ft	Vh=2.607ft	HL=6.332ft	Hev=.00ft
572.80	104.61	565.50	.000	FULL FLOW... Lfull=68.71ft	Vh=2.648ft	HL=6.431ft	Hev=.00ft
572.90	105.39	565.50	.000	FULL FLOW... Lfull=68.78ft	Vh=2.689ft	HL=6.533ft	Hev=.00ft
				FULL FLOW... Lfull=68.80ft	Vh=2.729ft	HL=6.632ft	Hev=.00ft

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft
Computati on Messages		
573.00	106.18	565.50 .000
573.10	106.96	565.50 .000
573.20	107.74	565.50 .000
573.30	108.50	565.50 .000
573.40	109.27	565.50 .000
573.50	110.04	565.50 .000
573.60	110.78	565.50 .000
573.70	111.53	565.50 .000
573.80	112.28	565.50 .000
573.90	113.01	565.50 .000
574.00	113.74	565.50 .000

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
565.00	-.00	565.50	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev= .00ft
565.10	-.00	565.50	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev= .00ft
565.20	-.00	565.50	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev= .00ft
565.25	-.00	565.50	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev= .00ft
565.30	-.00	565.50	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev= .00ft
565.40	-.00	565.50	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev= .00ft
565.50	.00	565.50	.000		
		Upstream HW & DNstream TW <	Inv. EI		
565.60	.00	565.50	.000		
		Upstream HW & DNstream TW <	Inv. EI		
565.70	.00	565.50	.000		
		Upstream HW & DNstream TW <	Inv. EI		
565.75	.00	565.50	.000		
		Upstream HW & DNstream TW <	Inv. EI		
565.80	.00	565.50	.000		
		Upstream HW & DNstream TW <	Inv. EI		
565.90	.00	565.50	.000		
		Upstream HW & DNstream TW <	Inv. EI		
566.00	.00	565.50	.000		
		Upstream HW & DNstream TW <	Inv. EI		
566.10	.00	565.50	.000		
		Upstream HW & DNstream TW <	Inv. EI		
566.20	.00	565.50	.000		
		Upstream HW & DNstream TW <	Inv. EI		
566.25	.00	565.50	.000		
		Upstream HW & DNstream TW <	Inv. EI		
566.30	.00	565.50	.000		
		Upstream HW & DNstream TW <	Inv. EI		

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
566.40	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
566.50	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
566.60	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
566.70	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
566.75	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
566.80	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
566.90	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
567.00	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
567.10	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
567.20	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
567.25	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
567.30	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
567.40	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
567.50	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
567.60	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
567.70	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
567.75	.00	565.50	.000	
		Upstream HW & DNstream TW < Inv. EI		

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

asbuilt basin 1 2 and 4.txt  
 Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft
		Converge +/-ft
Computation Messages		
567.80	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI
567.90	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.00	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.10	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.20	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.25	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.30	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.40	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.50	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.60	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.70	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.75	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.80	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.90	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.00	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.10	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.20	.00	565.50 .000
		Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)

asbuilt basin 1 2 and 4.txt  
 DNstream ID = TW (Pond Outfall)

WS Elev. ft	Device Q cfs	Tail Water TW Elev. ft	Converge +/-ft	Notes			
				Computati on Messages			
569.25	.00	565.50	.000	Upstream HW & DNstream TW < Inv. EI			
569.30	.00	565.50	.000	Upstream HW & DNstream TW < Inv. EI			
569.40	.00	565.50	.000	Upstream HW & DNstream TW < Inv. EI			
569.50	.00	565.50	.000	Upstream HW & DNstream TW < Inv. EI			
569.60	.00	565.50	.000	Upstream HW & DNstream TW < Inv. EI			
569.70	.00	565.50	.000	Upstream HW & DNstream TW < Inv. EI			
569.75	.00	565.50	.000	Upstream HW & DNstream TW < Inv. EI			
569.80	.00	565.50	.000	Upstream HW & DNstream TW < Inv. EI			
569.90	.00	565.50	.000	Upstream HW & DNstream TW < Inv. EI			
570.00	.00	565.50	.000	Upstream HW & DNstream TW < Inv. EI			
570.10	.00	565.50	.000	Upstream HW & DNstream TW < Inv. EI			
570.20	.00	565.50	.000	Upstream HW & DNstream TW < Inv. EI			
570.30	.04	565.50	.000	CRI T. DEPTH CONTROL	Vh= .042ft	Dcr= .125ft	CRI T. DEPTH Hev=
.00ft							
570.40	.18	565.50	.000	CRI T. DEPTH CONTROL	Vh= .064ft	Dcr= .187ft	CRI T. DEPTH Hev=
.00ft							
570.50	.38	565.50	.000	CRI T. DEPTH CONTROL	Vh= .064ft	Dcr= .187ft	CRI T. DEPTH Hev=
.00ft							
570.60	.57	565.50	.000	CRI T. DEPTH CONTROL	Vh= .097ft	Dcr= .281ft	CRI T. DEPTH Hev=
.00ft							
570.70	.88	565.50	.000	CRI T. DEPTH CONTROL	Vh= .108ft	Dcr= .312ft	CRI T. DEPTH Hev=
.00ft							

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

asbuilt basin 1 2 and 4.txt  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
570.80	1.23	565.50	.000	Vh= .136ft	Dcr= .390ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
570.90	1.62	565.50	.000	Vh= .154ft	Dcr= .437ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.00	2.01	565.50	.000	Vh= .177ft	Dcr= .500ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.10	2.52	565.50	.000	Vh= .195ft	Dcr= .547ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.20	3.13	565.50	.000	Vh= .220ft	Dcr= .609ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.30	3.76	565.50	.000	Vh= .245ft	Dcr= .672ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.40	4.42	565.50	.000	Vh= .271ft	Dcr= .734ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.50	4.97	565.50	.000	Vh= .291ft	Dcr= .781ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.60	5.90	565.50	.000	Vh= .322ft	Dcr= .851ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.70	6.54	565.50	.000	Vh= .351ft	Dcr= .914ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.80	7.40	565.50	.000	Vh= .377ft	Dcr= .968ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.90	8.18	565.50	.000	Vh= .404ft	Dcr= 1.023ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.00	9.04	565.50	.000	Vh= .429ft	Dcr= 1.070ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.10	9.81	565.50	.000	Vh= .454ft	Dcr= 1.117ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.20	10.77	565.50	.000	Vh= .485ft	Dcr= 1.171ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.30	11.58	565.50	.000	Vh= .513ft	Dcr= 1.218ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.40	12.43	565.50	.000	Vh= .548ft	Dcr= 1.273ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			

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Type... Individual Outlet Curves  
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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
572.50	13.41	565.50	.000	Vh= .580ft	Dcr= 1.320ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.60	14.27	565.50	.000	Vh= .615ft	Dcr= 1.367ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.70	15.16	565.50	.000	Vh= .645ft	Dcr= 1.406ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.80	16.11	565.50	.000	Vh= .685ft	Dcr= 1.452ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.90	17.06	565.50	.000	Vh= .714ft	Dcr= 1.484ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.00	17.77	565.50	.000	Vh= .753ft	Dcr= 1.523ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.10	18.71	565.50	.000	Vh= .795ft	Dcr= 1.562ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.20	19.60	565.50	.000	Vh= .828ft	Dcr= 1.589ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.30	20.41	565.50	.000	Vh= .869ft	Dcr= 1.620ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.40	21.24	565.50	.000	Vh= .908ft	Dcr= 1.648ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.50	22.07	565.50	.000	Vh= .959ft	Dcr= 1.679ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.60	22.83	565.50	.000	Vh= 1.001ft	Dcr= 1.702ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.70	23.61	565.50	.000	Vh= 1.039ft	Dcr= 1.722ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.80	24.40	565.50	.000	Vh= 1.090ft	Dcr= 1.745ft	CRI T. DEPTH Hev=
		CRI T. DEPTH CONTROL				

asbuilt basin 1 2 and 4.txt

.00ft  
 573.90 25.15 565.50 .000  
 CRIT. DEPTH CONTROL Vh= 1.138ft Dcr= 1.765ft CRIT. DEPTH Hev=  
 .00ft  
 574.00 25.79 565.50 .000  
 CRIT. DEPTH CONTROL Vh= 1.192ft Dcr= 1.784ft CRIT. DEPTH Hev=  
 .00ft

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft
-----		
565.00	-4.91	565.75 .000
.00ft		REVERSE BACKWATER. . Vh= .009ft twDi = 1.734ft Lbw= 70.0ft Hev=
565.10	-4.91	565.75 .000
.00ft		REVERSE BACKWATER. . Vh= .009ft twDi = 1.734ft Lbw= 70.0ft Hev=
565.20	-4.91	565.75 .000
.00ft		REVERSE BACKWATER. . Vh= .009ft twDi = 1.734ft Lbw= 70.0ft Hev=
565.25	-4.91	565.75 .000
.00ft		REVERSE BACKWATER. . Vh= .009ft twDi = 1.734ft Lbw= 70.0ft Hev=
565.30	-4.91	565.75 .000
.00ft		REVERSE BACKWATER. . Vh= .009ft twDi = 1.734ft Lbw= 70.0ft Hev=
565.40	-4.91	565.75 .000
.00ft		REVERSE BACKWATER. . Vh= .009ft twDi = 1.734ft Lbw= 70.0ft Hev=
565.50	-4.91	565.75 .000
.00ft		REVERSE BACKWATER. . Vh= .009ft twDi = 1.734ft Lbw= 70.0ft Hev=
565.60	-4.72	565.75 .000
.00ft		REVERSE BACKWATER. . Vh= .008ft twDi = 1.736ft Lbw= 70.0ft Hev=
565.70	-3.29	565.75 .000
.00ft		REVERSE BACKWATER. . Vh= .004ft twDi = 1.744ft Lbw= 70.0ft Hev=

asbuilt basin 1 2 and 4.txt

565.75	.00	565.75	.000				
		HW = TW elev					
565.80	3.79	565.75	.000	BACKWATER CONTROL	Vh= .046ft	hwDi = .721ft	Lbw= 70.0ft Hev=
.00ft							
565.90	5.84	565.75	.000	BACKWATER CONTROL	Vh= .150ft	hwDi = .646ft	Lbw= 70.0ft Hev=
.00ft							
566.00	6.78	565.75	.000	CRIT. DEPTH CONTROL	Vh= .227ft	Dcr= .633ft	H. JUMP IN PIPE Hev=
.00ft							
566.10	8.10	565.75	.000	CRIT. DEPTH CONTROL	Vh= .247ft	Dcr= .685ft	H. JUMP IN PIPE Hev=
.00ft							
566.20	9.50	565.75	.000	CRIT. DEPTH CONTROL	Vh= .272ft	Dcr= .747ft	H. JUMP IN PIPE Hev=
.00ft							

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q		Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
566.25	10.19	565.75	.000	
.00ft				CRIT. DEPTH CONTROL Vh= .283ft Dcr= .773ft H. JUMP IN PIPE Hev=
566.30	11.18	565.75	.000	
.00ft				CRIT. DEPTH CONTROL Vh= .294ft Dcr= .799ft H. JUMP IN PIPE Hev=
566.40	12.68	565.75	.000	
.00ft				CRIT. DEPTH CONTROL Vh= .316ft Dcr= .852ft H. JUMP IN PIPE Hev=
566.50	14.41	565.75	.000	
.00ft				CRIT. DEPTH CONTROL Vh= .347ft Dcr= .922ft H. JUMP IN PIPE Hev=
566.60	16.00	565.75	.000	
.00ft				CRIT. DEPTH CONTROL Vh= .370ft Dcr= .975ft H. JUMP IN PIPE Hev=
566.70	17.89	565.75	.000	
.00ft				CRIT. DEPTH CONTROL Vh= .395ft Dcr= 1.028ft H. JUMP IN PIPE Hev=



asbuilt basin 1 2 and 4.txt

566.75	18.89	565.75	.000	Vh= .407ft	Dcr= 1.054ft	H. JUMP IN PIPE	Hev=
.00ft		CRI T. DEPTH CONTROL					
566.80	19.64	565.75	.000	Vh= .424ft	Dcr= 1.089ft	H. JUMP IN PIPE	Hev=
.00ft		CRI T. DEPTH CONTROL					
566.90	21.69	565.75	.000	Vh= .446ft	Dcr= 1.133ft	H. JUMP IN PIPE	Hev=
.00ft		CRI T. DEPTH CONTROL					
567.00	23.54	565.75	.000	Vh= .478ft	Dcr= 1.195ft	H. JUMP IN PIPE	Hev=
.00ft		CRI T. DEPTH CONTROL					
567.10	25.73	565.75	.000	Vh= .506ft	Dcr= 1.247ft	H. JUMP IN PIPE	Hev=
.00ft		CRI T. DEPTH CONTROL					
567.20	27.74	565.75	.000	Vh= .536ft	Dcr= 1.300ft	H. JUMP IN PIPE	Hev=
.00ft		CRI T. DEPTH CONTROL					
567.25	28.84	565.75	.000	Vh= .546ft	Dcr= 1.318ft	H. JUMP IN PIPE	Hev=
.00ft		CRI T. DEPTH CONTROL					
567.30	29.95	565.75	.000	Vh= .561ft	Dcr= 1.344ft	H. JUMP IN PIPE	Hev=
.00ft		CRI T. DEPTH CONTROL					
567.40	31.86	565.75	.000	Vh= .594ft	Dcr= 1.397ft	H. JUMP IN PIPE	Hev=
.00ft		CRI T. DEPTH CONTROL					

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
567.50	34.02	565.75	.000	Vh= .623ft	Dcr= 1.441ft	H. JUMP IN PIPE
.00ft		CRI T. DEPTH CONTROL				Hev=
567.60	36.17	565.75	.000	Vh= .656ft	Dcr= 1.489ft	H. JUMP IN PIPE
.00ft		CRI T. DEPTH CONTROL				Hev=
567.70	38.39	565.75	.000	Vh= .685ft	Dcr= 1.529ft	H. JUMP IN PIPE
		CRI T. DEPTH CONTROL				Hev=

asbuilt basin 1 2 and 4.txt

.00ft	567.75	39.43	565.75	.000	CRI T. DEPTH CONTROL	Vh= .705ft	Dcr= 1.555ft	H. JUMP IN PIPE	Hev=
.00ft	567.80	40.50	565.75	.000	CRI T. DEPTH CONTROL	Vh= .722ft	Dcr= 1.577ft	H. JUMP IN PIPE	Hev=
.00ft	567.90	42.79	565.75	.000	CRI T. DEPTH CONTROL	Vh= .755ft	Dcr= 1.616ft	H. JUMP IN PIPE	Hev=
.00ft	568.00	44.74	565.75	.000	CRI T. DEPTH CONTROL	Vh= .791ft	Dcr= 1.656ft	H. JUMP IN PIPE	Hev=
.00ft	568.10	46.89	565.75	.000	CRI T. DEPTH CONTROL	Vh= .824ft	Dcr= 1.691ft	H. JUMP IN PIPE	Hev=
.00ft	568.20	48.88	565.75	.000	CRI T. DEPTH CONTROL	Vh= .865ft	Dcr= 1.731ft	H. JUMP IN PIPE	Hev=
.00ft	568.25	49.90	565.75	.000	CRI T. DEPTH CONTROL	Vh= .885ft	Dcr= 1.748ft	H. JUMP IN PIPE	Hev=
.00ft	568.30	50.92	565.75	.000	CRI T. DEPTH CONTROL	Vh= .900ft	Dcr= 1.761ft	CRI T. DEPTH	Hev=
.00ft	568.40	53.19	565.75	.000	CRI T. DEPTH CONTROL	Vh= .948ft	Dcr= 1.801ft	CRI T. DEPTH	Hev=
.00ft	568.50	55.01	565.75	.000	CRI T. DEPTH CONTROL	Vh= .984ft	Dcr= 1.827ft	CRI T. DEPTH	Hev=
.00ft	568.60	56.89	565.75	.000	CRI T. DEPTH CONTROL	Vh= 1.022ft	Dcr= 1.854ft	CRI T. DEPTH	Hev=
.00ft	568.70	58.78	565.75	.000	CRI T. DEPTH CONTROL	Vh= 1.064ft	Dcr= 1.880ft	CRI T. DEPTH	Hev=

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes
WS Elev.	Q	TW Elev Converge	

ft	cfs	ft	+/-ft	Computati on Messages		
568.75	59.96	565.75	.000	Vh= 1.086ft	Dcr= 1.893ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.80	61.02	565.75	.000	Vh= 1.117ft	Dcr= 1.911ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.90	62.63	565.75	.000	Vh= 1.160ft	Dcr= 1.933ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.00	64.35	565.75	.000	Vh= 1.197ft	Dcr= 1.950ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.10	66.30	565.75	.000	Vh= 1.253ft	Dcr= 1.974ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.20	68.19	565.75	.000	Vh= 1.298ft	Dcr= 1.992ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.25	68.94	565.75	.000	Vh= 1.329ft	Dcr= 2.003ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.30	69.82	565.75	.000	Vh= 1.348ft	Dcr= 2.010ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.40	71.56	565.75	.000	Vh= 1.396ft	Dcr= 2.025ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.50	73.06	565.75	.000	Vh= 1.448ft	Dcr= 2.040ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.60	74.74	565.75	.000	Vh= 1.498ft	Dcr= 2.053ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.70	76.18	565.75	.000	Vh= 1.543ft	Dcr= 2.064ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.75	77.09	565.75	.000	Vh= 1.572ft	Dcr= 2.071ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.80	77.69	565.75	.000	Vh= 1.602ft	Dcr= 2.078ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.90	79.68	565.75	.000	Vh= 1.657ft	Dcr= 2.089ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

asbuilt basin 1 2 and 4.txt  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
570.00	80.81	565.75	.000			
		FULL FLOW...	Lfull=7.78ft	Vh=1.605ft	HL=2.861ft	Hev= .00ft
570.10	81.44	565.75	.000			
		FULL FLOW...	Lfull=26.21ft	Vh=1.630ft	HL=3.224ft	Hev= .00ft
570.20	82.22	565.75	.000			
		FULL FLOW...	Lfull=37.81ft	Vh=1.661ft	HL=3.490ft	Hev= .00ft
570.30	83.09	565.75	.000			
		FULL FLOW...	Lfull=44.88ft	Vh=1.697ft	HL=3.692ft	Hev= .00ft
570.40	83.97	565.75	.000			
		FULL FLOW...	Lfull=49.69ft	Vh=1.733ft	HL=3.859ft	Hev= .00ft
570.50	84.87	565.75	.000			
		FULL FLOW...	Lfull=53.41ft	Vh=1.770ft	HL=4.012ft	Hev= .00ft
570.60	85.78	565.75	.000			
		FULL FLOW...	Lfull=56.26ft	Vh=1.808ft	HL=4.154ft	Hev= .00ft
570.70	86.69	565.75	.000			
		FULL FLOW...	Lfull=58.51ft	Vh=1.847ft	HL=4.285ft	Hev= .00ft
570.80	87.63	565.75	.000			
		FULL FLOW...	Lfull=59.63ft	Vh=1.887ft	HL=4.402ft	Hev= .00ft
570.90	88.53	565.75	.000			
		FULL FLOW...	Lfull=60.97ft	Vh=1.926ft	HL=4.520ft	Hev= .00ft
571.00	89.44	565.75	.000			
		FULL FLOW...	Lfull=62.15ft	Vh=1.966ft	HL=4.638ft	Hev= .00ft
571.10	90.34	565.75	.000			
		FULL FLOW...	Lfull=63.07ft	Vh=2.006ft	HL=4.751ft	Hev= .00ft
571.20	91.22	565.75	.000			
		FULL FLOW...	Lfull=63.85ft	Vh=2.045ft	HL=4.862ft	Hev= .00ft
571.30	92.11	565.75	.000			
		FULL FLOW...	Lfull=64.52ft	Vh=2.085ft	HL=4.971ft	Hev= .00ft
571.40	93.00	565.75	.000			
		FULL FLOW...	Lfull=64.98ft	Vh=2.125ft	HL=5.078ft	Hev= .00ft

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

asbuilt basin 1 2 and 4.txt

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
571.50	93.85	565.75	.000		
		FULL FLOW...	Lfull=65.60ft	Vh=2.165ft	HL=5.186ft Hev= .00ft
571.60	94.74	565.75	.000		
		FULL FLOW...	Lfull=65.92ft	Vh=2.206ft	HL=5.292ft Hev= .00ft
571.70	95.60	565.75	.000		
		FULL FLOW...	Lfull=66.32ft	Vh=2.246ft	HL=5.398ft Hev= .00ft
571.80	96.44	565.75	.000		
		FULL FLOW...	Lfull=66.70ft	Vh=2.286ft	HL=5.503ft Hev= .00ft
571.90	97.30	565.75	.000		
		FULL FLOW...	Lfull=66.90ft	Vh=2.327ft	HL=5.606ft Hev= .00ft
572.00	98.13	565.75	.000		
		FULL FLOW...	Lfull=67.24ft	Vh=2.367ft	HL=5.711ft Hev= .00ft
572.10	98.95	565.75	.000		
		FULL FLOW...	Lfull=67.53ft	Vh=2.406ft	HL=5.814ft Hev= .00ft
572.20	99.80	565.75	.000		
		FULL FLOW...	Lfull=67.63ft	Vh=2.448ft	HL=5.917ft Hev= .00ft
572.30	100.62	565.75	.000		
		FULL FLOW...	Lfull=67.79ft	Vh=2.488ft	HL=6.019ft Hev= .00ft
572.40	101.44	565.75	.000		
		FULL FLOW...	Lfull=67.92ft	Vh=2.529ft	HL=6.121ft Hev= .00ft
572.50	102.26	565.75	.000		
		FULL FLOW...	Lfull=68.00ft	Vh=2.570ft	HL=6.222ft Hev= .00ft
572.60	103.00	565.75	.000		
		FULL FLOW...	Lfull=68.69ft	Vh=2.607ft	HL=6.332ft Hev= .00ft
572.70	103.80	565.75	.000		
		FULL FLOW...	Lfull=68.71ft	Vh=2.648ft	HL=6.431ft Hev= .00ft
572.80	104.61	565.75	.000		
		FULL FLOW...	Lfull=68.78ft	Vh=2.689ft	HL=6.533ft Hev= .00ft
572.90	105.39	565.75	.000		
		FULL FLOW...	Lfull=68.80ft	Vh=2.729ft	HL=6.632ft Hev= .00ft

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev.	Q	TW Elev	Converge		

asbuilt basin 1 2 and 4.txt

ft	cfs	ft	+/-ft	Computation Messages		
573.00	106.18	565.75	.000			
		FULL FLOW...	Lfull=68.82ft	Vh=2.771ft	HL=6.733ft	Hev=.00ft
573.10	106.96	565.75	.000			
		FULL FLOW...	Lfull=68.88ft	Vh=2.811ft	HL=6.833ft	Hev=.00ft
573.20	107.74	565.75	.000			
		FULL FLOW...	Lfull=68.89ft	Vh=2.853ft	HL=6.934ft	Hev=.00ft
573.30	108.50	565.75	.000			
		FULL FLOW...	Lfull=68.94ft	Vh=2.893ft	HL=7.034ft	Hev=.00ft
573.40	109.27	565.75	.000			
		FULL FLOW...	Lfull=68.96ft	Vh=2.934ft	HL=7.135ft	Hev=.00ft
573.50	110.04	565.75	.000			
		FULL FLOW...	Lfull=68.98ft	Vh=2.976ft	HL=7.235ft	Hev=.00ft
573.60	110.78	565.75	.000			
		FULL FLOW...	Lfull=69.00ft	Vh=3.016ft	HL=7.335ft	Hev=.00ft
573.70	111.53	565.75	.000			
		FULL FLOW...	Lfull=69.08ft	Vh=3.057ft	HL=7.437ft	Hev=.00ft
573.80	112.28	565.75	.000			
		FULL FLOW...	Lfull=69.11ft	Vh=3.098ft	HL=7.538ft	Hev=.00ft
573.90	113.01	565.75	.000			
		FULL FLOW...	Lfull=69.15ft	Vh=3.139ft	HL=7.638ft	Hev=.00ft
574.00	113.74	565.75	.000			
		FULL FLOW...	Lfull=69.18ft	Vh=3.179ft	HL=7.738ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
565.00	-.00	565.75	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.10	-.00	565.75	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.20	-.00	565.75	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.25	-.00	565.75	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.30	-.00	565.75	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.40	-.00	565.75	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.50	-.00	565.75	.000			

asbuilt basin 1 2 and 4.txt

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565.60  -.00  REVERSE FULL: Lfull=41.44ft  Vh=.000ft  HL=.000ft  Hev=.00ft
          565.75  .000
565.70  -.00  REVERSE FULL: Lfull=41.44ft  Vh=.000ft  HL=.000ft  Hev=.00ft
          565.75  .000
565.75  .00  REVERSE FULL: Lfull=41.44ft  Vh=.000ft  HL=.000ft  Hev=.00ft
          565.75  .000
565.80  .00  Upstream HW & DNstream TW < Inv. EI
          565.75  .000
565.90  .00  Upstream HW & DNstream TW < Inv. EI
          565.75  .000
566.00  .00  Upstream HW & DNstream TW < Inv. EI
          565.75  .000
566.10  .00  Upstream HW & DNstream TW < Inv. EI
          565.75  .000
566.20  .00  Upstream HW & DNstream TW < Inv. EI
          565.75  .000
566.25  .00  Upstream HW & DNstream TW < Inv. EI
          565.75  .000
566.30  .00  Upstream HW & DNstream TW < Inv. EI
          565.75  .000
          Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves  
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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
566.40	.00	565.75	.000	
		Upstream HW & DNstream TW < Inv. EI		
566.50	.00	565.75	.000	
		Upstream HW & DNstream TW < Inv. EI		
566.60	.00	565.75	.000	
		Upstream HW & DNstream TW < Inv. EI		
566.70	.00	565.75	.000	
		Upstream HW & DNstream TW < Inv. EI		
566.75	.00	565.75	.000	
		Upstream HW & DNstream TW < Inv. EI		
566.80	.00	565.75	.000	
		Upstream HW & DNstream TW < Inv. EI		
566.90	.00	565.75	.000	
		Upstream HW & DNstream TW < Inv. EI		
567.00	.00	565.75	.000	
		Upstream HW & DNstream TW < Inv. EI		
567.10	.00	565.75	.000	

asbuil t basin 1 2 and 4. txt

567. 20 . 00 565. 75 . 000 Upstream HW & DNstream TW < Inv. EI  
 567. 25 . 00 565. 75 . 000 Upstream HW & DNstream TW < Inv. EI  
 567. 30 . 00 565. 75 . 000 Upstream HW & DNstream TW < Inv. EI  
 567. 40 . 00 565. 75 . 000 Upstream HW & DNstream TW < Inv. EI  
 567. 50 . 00 565. 75 . 000 Upstream HW & DNstream TW < Inv. EI  
 567. 60 . 00 565. 75 . 000 Upstream HW & DNstream TW < Inv. EI  
 567. 70 . 00 565. 75 . 000 Upstream HW & DNstream TW < Inv. EI  
 567. 75 . 00 565. 75 . 000 Upstream HW & DNstream TW < Inv. EI

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft	Computati on Messages
567. 80	. 00	565. 75 . 000	
		Upstream HW & DNstream TW < Inv. EI	
567. 90	. 00	565. 75 . 000	
		Upstream HW & DNstream TW < Inv. EI	
568. 00	. 00	565. 75 . 000	
		Upstream HW & DNstream TW < Inv. EI	
568. 10	. 00	565. 75 . 000	
		Upstream HW & DNstream TW < Inv. EI	
568. 20	. 00	565. 75 . 000	
		Upstream HW & DNstream TW < Inv. EI	
568. 25	. 00	565. 75 . 000	
		Upstream HW & DNstream TW < Inv. EI	
568. 30	. 00	565. 75 . 000	
		Upstream HW & DNstream TW < Inv. EI	
568. 40	. 00	565. 75 . 000	
		Upstream HW & DNstream TW < Inv. EI	
568. 50	. 00	565. 75 . 000	
		Upstream HW & DNstream TW < Inv. EI	
568. 60	. 00	565. 75 . 000	
		Upstream HW & DNstream TW < Inv. EI	
568. 70	. 00	565. 75 . 000	



asbuilt basin 1 2 and 4.txt

568.75	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
568.80	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
568.90	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
569.00	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
569.10	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
569.20	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
569.25	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
569.30	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
569.40	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
569.50	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
569.60	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
569.70	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
569.75	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
569.80	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
569.90	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
570.00	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
570.10	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
570.20	.00	565.75	.000	Upstream HW & DNstream TW < Inv. EI
570.30	.04	565.75	.000	Upstream HW & DNstream TW < Inv. EI

asbuilt basin 1 2 and 4.txt

.00ft						
570.40	.18	565.75	.000	CRI T. DEPTH CONTROL	Vh= .042ft Dcr= .125ft	CRI T. DEPTH Hev=
.00ft						
570.50	.38	565.75	.000	CRI T. DEPTH CONTROL	Vh= .064ft Dcr= .187ft	CRI T. DEPTH Hev=
.00ft						
570.60	.57	565.75	.000	CRI T. DEPTH CONTROL	Vh= .064ft Dcr= .187ft	CRI T. DEPTH Hev=
.00ft						
570.70	.88	565.75	.000	CRI T. DEPTH CONTROL	Vh= .097ft Dcr= .281ft	CRI T. DEPTH Hev=
.00ft						
					Vh= .108ft Dcr= .312ft	CRI T. DEPTH Hev=

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
570.80	1.23	565.75	.000			
.00ft				CRI T. DEPTH CONTROL	Vh= .136ft Dcr= .390ft	CRI T. DEPTH Hev=
570.90	1.62	565.75	.000			
.00ft				CRI T. DEPTH CONTROL	Vh= .154ft Dcr= .437ft	CRI T. DEPTH Hev=
571.00	2.01	565.75	.000			
.00ft				CRI T. DEPTH CONTROL	Vh= .177ft Dcr= .500ft	CRI T. DEPTH Hev=
571.10	2.52	565.75	.000			
.00ft				CRI T. DEPTH CONTROL	Vh= .195ft Dcr= .547ft	CRI T. DEPTH Hev=
571.20	3.13	565.75	.000			
.00ft				CRI T. DEPTH CONTROL	Vh= .220ft Dcr= .609ft	CRI T. DEPTH Hev=
571.30	3.76	565.75	.000			
.00ft				CRI T. DEPTH CONTROL	Vh= .245ft Dcr= .672ft	CRI T. DEPTH Hev=
571.40	4.42	565.75	.000			
.00ft				CRI T. DEPTH CONTROL	Vh= .271ft Dcr= .734ft	CRI T. DEPTH Hev=
571.50	4.97	565.75	.000			
.00ft				CRI T. DEPTH CONTROL	Vh= .291ft Dcr= .781ft	CRI T. DEPTH Hev=

asbuilt basin 1 2 and 4.txt

571.60	5.90	565.75	.000	Vh= .322ft	Dcr= .851ft	CRI T. DEPTH Hev=
.00ft						
571.70	6.54	565.75	.000	Vh= .351ft	Dcr= .914ft	CRI T. DEPTH Hev=
.00ft						
571.80	7.40	565.75	.000	Vh= .377ft	Dcr= .968ft	CRI T. DEPTH Hev=
.00ft						
571.90	8.18	565.75	.000	Vh= .404ft	Dcr= 1.023ft	CRI T. DEPTH Hev=
.00ft						
572.00	9.04	565.75	.000	Vh= .429ft	Dcr= 1.070ft	CRI T. DEPTH Hev=
.00ft						
572.10	9.81	565.75	.000	Vh= .454ft	Dcr= 1.117ft	CRI T. DEPTH Hev=
.00ft						
572.20	10.77	565.75	.000	Vh= .485ft	Dcr= 1.171ft	CRI T. DEPTH Hev=
.00ft						
572.30	11.58	565.75	.000	Vh= .513ft	Dcr= 1.218ft	CRI T. DEPTH Hev=
.00ft						
572.40	12.43	565.75	.000	Vh= .548ft	Dcr= 1.273ft	CRI T. DEPTH Hev=
.00ft						

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
572.50	13.41	565.75	.000	Vh= .580ft	Dcr= 1.320ft	CRI T. DEPTH Hev=
.00ft						
572.60	14.27	565.75	.000	Vh= .615ft	Dcr= 1.367ft	CRI T. DEPTH Hev=
.00ft						
572.70	15.16	565.75	.000	Vh= .645ft	Dcr= 1.406ft	CRI T. DEPTH Hev=
.00ft						
572.80	16.11	565.75	.000	Vh= .685ft	Dcr= 1.452ft	CRI T. DEPTH Hev=

asbuilt basin 1 2 and 4.txt

.00ft	572.90	17.06	565.75	.000				
			CRI T. DEPTH CONTROL		Vh= .714ft	Dcr= 1.484ft	CRI T. DEPTH	Hev=
.00ft	573.00	17.77	565.75	.000				
			CRI T. DEPTH CONTROL		Vh= .753ft	Dcr= 1.523ft	CRI T. DEPTH	Hev=
.00ft	573.10	18.71	565.75	.000				
			CRI T. DEPTH CONTROL		Vh= .795ft	Dcr= 1.562ft	CRI T. DEPTH	Hev=
.00ft	573.20	19.60	565.75	.000				
			CRI T. DEPTH CONTROL		Vh= .828ft	Dcr= 1.589ft	CRI T. DEPTH	Hev=
.00ft	573.30	20.41	565.75	.000				
			CRI T. DEPTH CONTROL		Vh= .869ft	Dcr= 1.620ft	CRI T. DEPTH	Hev=
.00ft	573.40	21.24	565.75	.000				
			CRI T. DEPTH CONTROL		Vh= .908ft	Dcr= 1.648ft	CRI T. DEPTH	Hev=
.00ft	573.50	22.07	565.75	.000				
			CRI T. DEPTH CONTROL		Vh= .959ft	Dcr= 1.679ft	CRI T. DEPTH	Hev=
.00ft	573.60	22.83	565.75	.000				
			CRI T. DEPTH CONTROL		Vh= 1.001ft	Dcr= 1.702ft	CRI T. DEPTH	Hev=
.00ft	573.70	23.61	565.75	.000				
			CRI T. DEPTH CONTROL		Vh= 1.039ft	Dcr= 1.722ft	CRI T. DEPTH	Hev=
.00ft	573.80	24.40	565.75	.000				
			CRI T. DEPTH CONTROL		Vh= 1.090ft	Dcr= 1.745ft	CRI T. DEPTH	Hev=
.00ft	573.90	25.15	565.75	.000				
			CRI T. DEPTH CONTROL		Vh= 1.138ft	Dcr= 1.765ft	CRI T. DEPTH	Hev=
.00ft	574.00	25.79	565.75	.000				
			CRI T. DEPTH CONTROL		Vh= 1.192ft	Dcr= 1.784ft	CRI T. DEPTH	Hev=

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q

Tail Water

Notes

asbuilt basin 1 2 and 4.txt

WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages			
565.00	-8.39	566.00	.000	Vh= .020ft	twDi = 1.966ft	Lbw= 70.0ft	Hev=
.00ft							
565.10	-8.39	566.00	.000	Vh= .020ft	twDi = 1.966ft	Lbw= 70.0ft	Hev=
.00ft							
565.20	-8.39	566.00	.000	Vh= .020ft	twDi = 1.966ft	Lbw= 70.0ft	Hev=
.00ft							
565.25	-8.39	566.00	.000	Vh= .020ft	twDi = 1.966ft	Lbw= 70.0ft	Hev=
.00ft							
565.30	-8.39	566.00	.000	Vh= .020ft	twDi = 1.966ft	Lbw= 70.0ft	Hev=
.00ft							
565.40	-8.39	566.00	.000	Vh= .020ft	twDi = 1.966ft	Lbw= 70.0ft	Hev=
.00ft							
565.50	-8.39	566.00	.000	Vh= .020ft	twDi = 1.966ft	Lbw= 70.0ft	Hev=
.00ft							
565.60	-8.39	566.00	.000	Vh= .020ft	twDi = 1.966ft	Lbw= 70.0ft	Hev=
.00ft							
565.70	-8.39	566.00	.000	Vh= .020ft	twDi = 1.966ft	Lbw= 70.0ft	Hev=
.00ft							
565.75	-8.30	566.00	.000	Vh= .020ft	twDi = 1.967ft	Lbw= 70.0ft	Hev=
.00ft							
565.80	-7.96	566.00	.000	Vh= .018ft	twDi = 1.969ft	Lbw= 70.0ft	Hev=
.00ft							
565.90	-6.44	566.00	.000	Vh= .012ft	twDi = 1.980ft	Lbw= 70.0ft	Hev=
.00ft							
566.00	.00	566.00	.000				
		HW = TW elev					
566.10	7.55	566.00	.000	Vh= .086ft	hwDi = .953ft	Lbw= 70.0ft	Hev=
.00ft							
566.20	10.01	566.00	.000	Vh= .182ft	hwDi = .890ft	Lbw= 70.0ft	Hev=
.00ft							

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

asbuilt basin 1 2 and 4.txt  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
566.25	10.69	566.00	.000	Vh= .237ft	hwDi = .847ft	Lbw= 70.0ft Hev=
.00ft						
566.30	11.18	566.00	.000	Vh= .294ft	Dcr= .799ft	H. JUMP IN PIPE Hev=
.00ft						
566.40	12.68	566.00	.000	Vh= .316ft	Dcr= .852ft	H. JUMP IN PIPE Hev=
.00ft						
566.50	14.41	566.00	.000	Vh= .347ft	Dcr= .922ft	H. JUMP IN PIPE Hev=
.00ft						
566.60	16.00	566.00	.000	Vh= .370ft	Dcr= .975ft	H. JUMP IN PIPE Hev=
.00ft						
566.70	17.89	566.00	.000	Vh= .395ft	Dcr= 1.028ft	H. JUMP IN PIPE Hev=
.00ft						
566.75	18.89	566.00	.000	Vh= .407ft	Dcr= 1.054ft	H. JUMP IN PIPE Hev=
.00ft						
566.80	19.64	566.00	.000	Vh= .424ft	Dcr= 1.089ft	H. JUMP IN PIPE Hev=
.00ft						
566.90	21.69	566.00	.000	Vh= .446ft	Dcr= 1.133ft	H. JUMP IN PIPE Hev=
.00ft						
567.00	23.54	566.00	.000	Vh= .478ft	Dcr= 1.195ft	H. JUMP IN PIPE Hev=
.00ft						
567.10	25.73	566.00	.000	Vh= .506ft	Dcr= 1.247ft	H. JUMP IN PIPE Hev=
.00ft						
567.20	27.74	566.00	.000	Vh= .536ft	Dcr= 1.300ft	H. JUMP IN PIPE Hev=
.00ft						
567.25	28.84	566.00	.000	Vh= .546ft	Dcr= 1.318ft	H. JUMP IN PIPE Hev=
.00ft						
567.30	29.95	566.00	.000	Vh= .561ft	Dcr= 1.344ft	H. JUMP IN PIPE Hev=
.00ft						
567.40	31.86	566.00	.000	Vh= .594ft	Dcr= 1.397ft	H. JUMP IN PIPE Hev=
.00ft						

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Type... Individual Outlet Curves

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Name... Outlet 3

asbuilt basin 1 2 and 4.txt

File . . . \2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
567.50	34.02	566.00	.000	Vh= .623ft	Dcr= 1.441ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
567.60	36.17	566.00	.000	Vh= .656ft	Dcr= 1.489ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
567.70	38.39	566.00	.000	Vh= .685ft	Dcr= 1.529ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
567.75	39.43	566.00	.000	Vh= .705ft	Dcr= 1.555ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
567.80	40.50	566.00	.000	Vh= .722ft	Dcr= 1.577ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
567.90	42.79	566.00	.000	Vh= .755ft	Dcr= 1.616ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
568.00	44.74	566.00	.000	Vh= .791ft	Dcr= 1.656ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
568.10	46.89	566.00	.000	Vh= .824ft	Dcr= 1.691ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
568.20	48.88	566.00	.000	Vh= .865ft	Dcr= 1.731ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
568.25	49.90	566.00	.000	Vh= .885ft	Dcr= 1.748ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
568.30	50.92	566.00	.000	Vh= .900ft	Dcr= 1.761ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
568.40	53.19	566.00	.000	Vh= .948ft	Dcr= 1.801ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
568.50	55.01	566.00	.000	Vh= .984ft	Dcr= 1.827ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
568.60	56.89	566.00	.000	Vh= 1.022ft	Dcr= 1.854ft	H. JUMP IN PIPE
		CRI T. DEPTH	CONTROL			

asbuilt basin 1 2 and 4.txt

Hev= .00ft  
 568.70 58.78 566.00 .000  
 CRIT. DEPTH CONTROL Vh= 1.064ft Dcr= 1.880ft H. JUMP IN PIPE  
 Hev= .00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev. ft	Converge +/-ft	Computati on Messages		
568.75	59.96	566.00	.000	Vh= 1.086ft	Dcr= 1.893ft	H. JUMP IN PIPE
Hev= .00ft 568.80	61.02	566.00	.000	Vh= 1.117ft	Dcr= 1.911ft	H. JUMP IN PIPE
Hev= .00ft 568.90	62.63	566.00	.000	Vh= 1.160ft	Dcr= 1.933ft	H. JUMP IN PIPE
Hev= .00ft 569.00	64.35	566.00	.000	Vh= 1.197ft	Dcr= 1.950ft	H. JUMP IN PIPE
Hev= .00ft 569.10	66.30	566.00	.000	Vh= 1.253ft	Dcr= 1.974ft	H. JUMP IN PIPE
Hev= .00ft 569.20	68.19	566.00	.000	Vh= 1.298ft	Dcr= 1.992ft	H. JUMP IN PIPE
Hev= .00ft 569.25	68.94	566.00	.000	Vh= 1.329ft	Dcr= 2.003ft	CRI T. DEPTH Hev=
.00ft 569.30	69.82	566.00	.000	Vh= 1.348ft	Dcr= 2.010ft	CRI T. DEPTH Hev=
.00ft 569.40	71.56	566.00	.000	Vh= 1.396ft	Dcr= 2.025ft	CRI T. DEPTH Hev=
.00ft 569.50	73.06	566.00	.000	Vh= 1.448ft	Dcr= 2.040ft	CRI T. DEPTH Hev=
.00ft 569.60	74.74	566.00	.000			



asbuilt basin 1 2 and 4.txt

.00ft	569.70	76.18	566.00	.000	CRI T. DEPTH CONTROL Vh= 1.498ft Dcr= 2.053ft	CRI T. DEPTH Hev=
.00ft	569.75	77.09	566.00	.000	CRI T. DEPTH CONTROL Vh= 1.543ft Dcr= 2.064ft	CRI T. DEPTH Hev=
.00ft	569.80	77.69	566.00	.000	CRI T. DEPTH CONTROL Vh= 1.572ft Dcr= 2.071ft	CRI T. DEPTH Hev=
.00ft	569.90	79.68	566.00	.000	CRI T. DEPTH CONTROL Vh= 1.602ft Dcr= 2.078ft	CRI T. DEPTH Hev=
.00ft					CRI T. DEPTH CONTROL Vh= 1.657ft Dcr= 2.089ft	CRI T. DEPTH Hev=

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
570.00	80.81	566.00	.000	
570.10	81.44	566.00	.000	FULL FLOW... Lfull=7.78ft Vh=1.605ft HL=2.861ft Hev= .00ft
570.20	82.22	566.00	.000	FULL FLOW... Lfull=26.21ft Vh=1.630ft HL=3.224ft Hev= .00ft
570.30	83.09	566.00	.000	FULL FLOW... Lfull=37.81ft Vh=1.661ft HL=3.490ft Hev= .00ft
570.40	83.97	566.00	.000	FULL FLOW... Lfull=44.88ft Vh=1.697ft HL=3.692ft Hev= .00ft
570.50	84.87	566.00	.000	FULL FLOW... Lfull=49.69ft Vh=1.733ft HL=3.859ft Hev= .00ft
570.60	85.78	566.00	.000	FULL FLOW... Lfull=53.41ft Vh=1.770ft HL=4.012ft Hev= .00ft
570.70	86.69	566.00	.000	FULL FLOW... Lfull=56.26ft Vh=1.808ft HL=4.154ft Hev= .00ft
570.80	87.63	566.00	.000	FULL FLOW... Lfull=58.51ft Vh=1.847ft HL=4.285ft Hev= .00ft
570.90	88.53	566.00	.000	FULL FLOW... Lfull=59.63ft Vh=1.887ft HL=4.402ft Hev= .00ft
571.00	89.44	566.00	.000	FULL FLOW... Lfull=60.97ft Vh=1.926ft HL=4.520ft Hev= .00ft

asbuilt basin 1 2 and 4.txt

571.10	90.34	566.00	.000	FULL FLOW... Lfull=62.15ft	Vh=1.966ft	HL=4.638ft	Hev= .00ft
571.20	91.22	566.00	.000	FULL FLOW... Lfull=63.07ft	Vh=2.006ft	HL=4.751ft	Hev= .00ft
571.30	92.11	566.00	.000	FULL FLOW... Lfull=63.85ft	Vh=2.045ft	HL=4.862ft	Hev= .00ft
571.40	93.00	566.00	.000	FULL FLOW... Lfull=64.52ft	Vh=2.085ft	HL=4.971ft	Hev= .00ft
				FULL FLOW... Lfull=64.98ft	Vh=2.125ft	HL=5.078ft	Hev= .00ft

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Type... Individual Outlet Curves  
Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
Computati on Messages			
571.50	93.85	566.00	.000
571.60	94.74	566.00	.000
571.70	95.60	566.00	.000
571.80	96.44	566.00	.000
571.90	97.30	566.00	.000
572.00	98.13	566.00	.000
572.10	98.95	566.00	.000
572.20	99.80	566.00	.000
572.30	100.62	566.00	.000
572.40	101.44	566.00	.000
572.50	102.26	566.00	.000
572.60	103.00	566.00	.000
572.70	103.80	566.00	.000

asbuilt basin 1 2 and 4.txt

572.80 104.61 566.00 .000  
 FULL FLOW... Lfull=68.78ft Vh=2.689ft HL=6.533ft Hev=.00ft  
 572.90 105.39 566.00 .000  
 FULL FLOW... Lfull=68.80ft Vh=2.729ft HL=6.632ft Hev=.00ft

S/N:  
 PondPack Ver: Compute Time: Date:  
 Type... Individual Outlet Curves Page 15.166  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
573.00	106.18	566.00 .000			
		FULL FLOW... Lfull=68.82ft	Vh=2.771ft	HL=6.733ft	Hev=.00ft
573.10	106.96	566.00 .000			
		FULL FLOW... Lfull=68.88ft	Vh=2.811ft	HL=6.833ft	Hev=.00ft
573.20	107.74	566.00 .000			
		FULL FLOW... Lfull=68.89ft	Vh=2.853ft	HL=6.934ft	Hev=.00ft
573.30	108.50	566.00 .000			
		FULL FLOW... Lfull=68.94ft	Vh=2.893ft	HL=7.034ft	Hev=.00ft
573.40	109.27	566.00 .000			
		FULL FLOW... Lfull=68.96ft	Vh=2.934ft	HL=7.135ft	Hev=.00ft
573.50	110.04	566.00 .000			
		FULL FLOW... Lfull=68.98ft	Vh=2.976ft	HL=7.235ft	Hev=.00ft
573.60	110.78	566.00 .000			
		FULL FLOW... Lfull=69.00ft	Vh=3.016ft	HL=7.335ft	Hev=.00ft
573.70	111.53	566.00 .000			
		FULL FLOW... Lfull=69.08ft	Vh=3.057ft	HL=7.437ft	Hev=.00ft
573.80	112.28	566.00 .000			
		FULL FLOW... Lfull=69.11ft	Vh=3.098ft	HL=7.538ft	Hev=.00ft
573.90	113.01	566.00 .000			
		FULL FLOW... Lfull=69.15ft	Vh=3.139ft	HL=7.638ft	Hev=.00ft
574.00	113.74	566.00 .000			
		FULL FLOW... Lfull=69.18ft	Vh=3.179ft	HL=7.738ft	Hev=.00ft

S/N:  
 PondPack Ver: Compute Time: Date:  
 Type... Individual Outlet Curves Page 15.167  
 Name... Outlet 3

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4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft
-----		
Computati on Messages		
-----		
565.00	-.00	566.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.10	-.00	566.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.20	-.00	566.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.25	-.00	566.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.30	-.00	566.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.40	-.00	566.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.50	-.00	566.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.60	-.00	566.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.70	-.00	566.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.75	-.00	566.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.80	-.00	566.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.90	-.00	566.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.00	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
566.10	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
566.20	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
566.25	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
566.30	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

RATING TABLE FOR ONE OUTLET TYPE

asbuilt basin 1 2 and 4.txt

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
566.40	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI
566.50	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI
566.60	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI
566.70	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI
566.75	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI
566.80	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI
566.90	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI
567.00	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI
567.10	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI
567.20	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI
567.25	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI
567.30	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI
567.40	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI
567.50	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI
567.60	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI
567.70	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI
567.75	.00	566.00	.000
		Upstream HW & DNstream	TW < Inv. EI

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PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

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asbuilt basin 1 2 and 4.txt  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft
		Converge +/-ft
		Computation Messages
567.80	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
567.90	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.00	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.10	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.20	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.25	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.30	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.40	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.50	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.60	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.70	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.75	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.80	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
568.90	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.00	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.10	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.20	.00	566.00 .000
		Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

asbuilt basin 1 2 and 4.txt

WS Elev, Device Q

Tail Water

Notes

WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
569.25	.00	566.00	.000	Upstream HW & DNstream TW < Inv. EI		
569.30	.00	566.00	.000	Upstream HW & DNstream TW < Inv. EI		
569.40	.00	566.00	.000	Upstream HW & DNstream TW < Inv. EI		
569.50	.00	566.00	.000	Upstream HW & DNstream TW < Inv. EI		
569.60	.00	566.00	.000	Upstream HW & DNstream TW < Inv. EI		
569.70	.00	566.00	.000	Upstream HW & DNstream TW < Inv. EI		
569.75	.00	566.00	.000	Upstream HW & DNstream TW < Inv. EI		
569.80	.00	566.00	.000	Upstream HW & DNstream TW < Inv. EI		
569.90	.00	566.00	.000	Upstream HW & DNstream TW < Inv. EI		
570.00	.00	566.00	.000	Upstream HW & DNstream TW < Inv. EI		
570.10	.00	566.00	.000	Upstream HW & DNstream TW < Inv. EI		
570.20	.00	566.00	.000	Upstream HW & DNstream TW < Inv. EI		
570.30	.04	566.00	.000	CRIT. DEPTH CONTROL Vh= .042ft Dcr= .125ft CRIT. DEPTH Hev= .00ft		
570.40	.18	566.00	.000	CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft CRIT. DEPTH Hev= .00ft		
570.50	.38	566.00	.000	CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft CRIT. DEPTH Hev= .00ft		
570.60	.57	566.00	.000	CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft CRIT. DEPTH Hev= .00ft		
570.70	.88	566.00	.000	CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft CRIT. DEPTH Hev= .00ft		

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4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

asbuilt basin 1 2 and 4.txt

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
570.80	1.23	566.00	.000	Vh= .136ft	Dcr= .390ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
570.90	1.62	566.00	.000	Vh= .154ft	Dcr= .437ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.00	2.01	566.00	.000	Vh= .177ft	Dcr= .500ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.10	2.52	566.00	.000	Vh= .195ft	Dcr= .547ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.20	3.13	566.00	.000	Vh= .220ft	Dcr= .609ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.30	3.76	566.00	.000	Vh= .245ft	Dcr= .672ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.40	4.42	566.00	.000	Vh= .271ft	Dcr= .734ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.50	4.97	566.00	.000	Vh= .291ft	Dcr= .781ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.60	5.90	566.00	.000	Vh= .322ft	Dcr= .851ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.70	6.54	566.00	.000	Vh= .351ft	Dcr= .914ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.80	7.40	566.00	.000	Vh= .377ft	Dcr= .968ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.90	8.18	566.00	.000	Vh= .404ft	Dcr= 1.023ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.00	9.04	566.00	.000	Vh= .429ft	Dcr= 1.070ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.10	9.81	566.00	.000	Vh= .454ft	Dcr= 1.117ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.20	10.77	566.00	.000	Vh= .485ft	Dcr= 1.171ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.30	11.58	566.00	.000	Vh= .513ft	Dcr= 1.218ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.40	12.43	566.00	.000	Vh= .548ft	Dcr= 1.273ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
572.50	13.41	566.00	.000	Vh= .580ft	Dcr= 1.320ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.60	14.27	566.00	.000	Vh= .615ft	Dcr= 1.367ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.70	15.16	566.00	.000	Vh= .645ft	Dcr= 1.406ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.80	16.11	566.00	.000	Vh= .685ft	Dcr= 1.452ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.90	17.06	566.00	.000	Vh= .714ft	Dcr= 1.484ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.00	17.77	566.00	.000	Vh= .753ft	Dcr= 1.523ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.10	18.71	566.00	.000	Vh= .795ft	Dcr= 1.562ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.20	19.60	566.00	.000	Vh= .828ft	Dcr= 1.589ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.30	20.41	566.00	.000	Vh= .869ft	Dcr= 1.620ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.40	21.24	566.00	.000	Vh= .908ft	Dcr= 1.648ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.50	22.07	566.00	.000	Vh= .959ft	Dcr= 1.679ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.60	22.83	566.00	.000	Vh= 1.001ft	Dcr= 1.702ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.70	23.61	566.00	.000	Vh= 1.039ft	Dcr= 1.722ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.80	24.40	566.00	.000	Vh= 1.090ft	Dcr= 1.745ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.90	25.15	566.00	.000	Vh= 1.138ft	Dcr= 1.765ft	CRI T. DEPTH Hev=
		CRI T. DEPTH	CONTROL			

asbuilt basin 1 2 and 4.txt

.00ft  
 574.00 25.79 566.00 .000  
 CRIT. DEPTH CONTROL Vh= 1.192ft Dcr= 1.784ft CRIT. DEPTH Hev=  
 .00ft

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
565.00	-12.45	566.25	.000	
.00ft				REVERSE BACKWATER. . Vh= .039ft twDi = 2.184ft Lbw= 70.0ft Hev=
565.10	-12.45	566.25	.000	
.00ft				REVERSE BACKWATER. . Vh= .039ft twDi = 2.184ft Lbw= 70.0ft Hev=
565.20	-12.45	566.25	.000	
.00ft				REVERSE BACKWATER. . Vh= .039ft twDi = 2.184ft Lbw= 70.0ft Hev=
565.25	-12.45	566.25	.000	
.00ft				REVERSE BACKWATER. . Vh= .039ft twDi = 2.184ft Lbw= 70.0ft Hev=
565.30	-12.45	566.25	.000	
.00ft				REVERSE BACKWATER. . Vh= .039ft twDi = 2.184ft Lbw= 70.0ft Hev=
565.40	-12.45	566.25	.000	
.00ft				REVERSE BACKWATER. . Vh= .039ft twDi = 2.184ft Lbw= 70.0ft Hev=
565.50	-12.45	566.25	.000	
.00ft				REVERSE BACKWATER. . Vh= .039ft twDi = 2.184ft Lbw= 70.0ft Hev=
565.60	-12.45	566.25	.000	
.00ft				REVERSE BACKWATER. . Vh= .039ft twDi = 2.184ft Lbw= 70.0ft Hev=
565.70	-12.45	566.25	.000	
.00ft				REVERSE BACKWATER. . Vh= .039ft twDi = 2.184ft Lbw= 70.0ft Hev=
565.75	-12.45	566.25	.000	
.00ft				REVERSE BACKWATER. . Vh= .039ft twDi = 2.184ft Lbw= 70.0ft Hev=

asbuilt basin 1 2 and 4.txt

565.80	-12.45	566.25	.000	REVERSE BACKWATER..	Vh= .039ft	twDi = 2.184ft	Lbw= 70.0ft	Hev=
.00ft								
565.90	-12.40	566.25	.000	REVERSE BACKWATER..	Vh= .038ft	twDi = 2.185ft	Lbw= 70.0ft	Hev=
.00ft								
566.00	-11.68	566.25	.000	REVERSE BACKWATER..	Vh= .034ft	twDi = 2.191ft	Lbw= 70.0ft	Hev=
.00ft								
566.10	-10.01	566.25	.000	REVERSE BACKWATER..	Vh= .025ft	twDi = 2.208ft	Lbw= 70.0ft	Hev=
.00ft								
566.20	-6.29	566.25	.000	REVERSE BACKWATER..	Vh= .010ft	twDi = 2.234ft	Lbw= 70.0ft	Hev=
.00ft								

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft
Computati on Messages		
566.25	.00	566.25 .000 HW = TW elev
566.30	6.96	566.25 .000 BACKWATER CONTROL..
.00ft		Vh= .038ft hwDi = 1.236ft Lbw= 70.0ft Hev=
566.40	11.81	566.25 .000 BACKWATER CONTROL..
.00ft		Vh= .116ft hwDi = 1.204ft Lbw= 70.0ft Hev=
566.50	14.83	566.25 .000 BACKWATER CONTROL..
.00ft		Vh= .199ft hwDi = 1.162ft Lbw= 70.0ft Hev=
566.60	16.80	566.25 .000 BACKWATER CONTROL..
.00ft		Vh= .292ft hwDi = 1.103ft Lbw= 70.0ft Hev=
566.70	17.89	566.25 .000 CRIT. DEPTH CONTROL
.00ft		Vh= .395ft Dcr= 1.028ft H. JUMP IN PIPE Hev=
566.75	18.89	566.25 .000 CRIT. DEPTH CONTROL
.00ft		Vh= .407ft Dcr= 1.054ft H. JUMP IN PIPE Hev=

asbuilt basin 1 2 and 4.txt

566.80	19.64	566.25	.000				
.00ft		CRIT. DEPTH CONTROL		Vh= .424ft	Dcr= 1.089ft	H. JUMP IN PIPE	Hev=
566.90	21.69	566.25	.000				
.00ft		CRIT. DEPTH CONTROL		Vh= .446ft	Dcr= 1.133ft	H. JUMP IN PIPE	Hev=
567.00	23.54	566.25	.000				
.00ft		CRIT. DEPTH CONTROL		Vh= .478ft	Dcr= 1.195ft	H. JUMP IN PIPE	Hev=
567.10	25.73	566.25	.000				
.00ft		CRIT. DEPTH CONTROL		Vh= .506ft	Dcr= 1.247ft	H. JUMP IN PIPE	Hev=
567.20	27.74	566.25	.000				
.00ft		CRIT. DEPTH CONTROL		Vh= .536ft	Dcr= 1.300ft	H. JUMP IN PIPE	Hev=
567.25	28.84	566.25	.000				
.00ft		CRIT. DEPTH CONTROL		Vh= .546ft	Dcr= 1.318ft	H. JUMP IN PIPE	Hev=
567.30	29.95	566.25	.000				
.00ft		CRIT. DEPTH CONTROL		Vh= .561ft	Dcr= 1.344ft	H. JUMP IN PIPE	Hev=
567.40	31.86	566.25	.000				
.00ft		CRIT. DEPTH CONTROL		Vh= .594ft	Dcr= 1.397ft	H. JUMP IN PIPE	Hev=

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
567.50	34.02	566.25	.000			
.00ft		CRIT. DEPTH CONTROL		Vh= .623ft	Dcr= 1.441ft	H. JUMP IN PIPE Hev=
567.60	36.17	566.25	.000			
.00ft		CRIT. DEPTH CONTROL		Vh= .656ft	Dcr= 1.489ft	H. JUMP IN PIPE Hev=
567.70	38.39	566.25	.000			
.00ft		CRIT. DEPTH CONTROL		Vh= .685ft	Dcr= 1.529ft	H. JUMP IN PIPE Hev=
567.75	39.43	566.25	.000			
		CRIT. DEPTH CONTROL		Vh= .705ft	Dcr= 1.555ft	H. JUMP IN PIPE Hev=

asbuilt basin 1 2 and 4.txt

.00ft	567.80	40.50	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= .722ft	Dcr= 1.577ft	H. JUMP IN PIPE	Hev=
.00ft	567.90	42.79	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= .755ft	Dcr= 1.616ft	H. JUMP IN PIPE	Hev=
.00ft	568.00	44.74	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= .791ft	Dcr= 1.656ft	H. JUMP IN PIPE	Hev=
.00ft	568.10	46.89	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= .824ft	Dcr= 1.691ft	H. JUMP IN PIPE	Hev=
.00ft	568.20	48.88	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= .865ft	Dcr= 1.731ft	H. JUMP IN PIPE	Hev=
.00ft	568.25	49.90	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= .885ft	Dcr= 1.748ft	H. JUMP IN PIPE	Hev=
.00ft	568.30	50.92	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= .900ft	Dcr= 1.761ft	H. JUMP IN PIPE	Hev=
.00ft	568.40	53.19	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= .948ft	Dcr= 1.801ft	H. JUMP IN PIPE	Hev=
.00ft	568.50	55.01	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= .984ft	Dcr= 1.827ft	H. JUMP IN PIPE	Hev=
.00ft	568.60	56.89	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= 1.022ft	Dcr= 1.854ft	H. JUMP IN PIPE	
Hev= .00ft	568.70	58.78	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= 1.064ft	Dcr= 1.880ft	H. JUMP IN PIPE	
Hev= .00ft								

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
568.75	59.96	566.25	.000	

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Hev= .00ft 568.80	61.02	566.25	.000	CRI T. DEPTH CONTROL	Vh= 1.086ft	Dcr= 1.893ft	H. JUMP IN PIPE
Hev= .00ft 568.90	62.63	566.25	.000	CRI T. DEPTH CONTROL	Vh= 1.117ft	Dcr= 1.911ft	H. JUMP IN PIPE
Hev= .00ft 569.00	64.35	566.25	.000	CRI T. DEPTH CONTROL	Vh= 1.160ft	Dcr= 1.933ft	H. JUMP IN PIPE
Hev= .00ft 569.10	66.30	566.25	.000	CRI T. DEPTH CONTROL	Vh= 1.197ft	Dcr= 1.950ft	H. JUMP IN PIPE
Hev= .00ft 569.20	68.19	566.25	.000	CRI T. DEPTH CONTROL	Vh= 1.253ft	Dcr= 1.974ft	H. JUMP IN PIPE
Hev= .00ft 569.25	68.94	566.25	.000	CRI T. DEPTH CONTROL	Vh= 1.298ft	Dcr= 1.992ft	H. JUMP IN PIPE
Hev= .00ft 569.30	69.82	566.25	.000	CRI T. DEPTH CONTROL	Vh= 1.329ft	Dcr= 2.003ft	H. JUMP IN PIPE
Hev= .00ft 569.40	71.56	566.25	.000	CRI T. DEPTH CONTROL	Vh= 1.348ft	Dcr= 2.010ft	H. JUMP IN PIPE
Hev= .00ft 569.50	73.06	566.25	.000	CRI T. DEPTH CONTROL	Vh= 1.396ft	Dcr= 2.025ft	H. JUMP IN PIPE
Hev= .00ft 569.60	74.70	566.25	.000	CRI T. DEPTH CONTROL	Vh= 1.448ft	Dcr= 2.040ft	H. JUMP IN PIPE
569.70	75.81	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=1.371ft	HL=3.350ft	Hev= .00ft
569.75	76.37	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=1.413ft	HL=3.450ft	Hev= .00ft
569.80	76.90	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=1.433ft	HL=3.501ft	Hev= .00ft
569.90	77.98	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=1.453ft	HL=3.550ft	Hev= .00ft
				FULL FLOW... Lfull=70.01ft	Vh=1.494ft	HL=3.650ft	Hev= .00ft

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q

Tail Water

Notes

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WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
570.00	79.03	566.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.535ft	HL=3.750ft	Hev=.00ft
570.10	80.09	566.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.576ft	HL=3.850ft	Hev=.00ft
570.20	81.11	566.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.617ft	HL=3.949ft	Hev=.00ft
570.30	82.14	566.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.658ft	HL=4.050ft	Hev=.00ft
570.40	83.16	566.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.699ft	HL=4.151ft	Hev=.00ft
570.50	84.15	566.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.740ft	HL=4.251ft	Hev=.00ft
570.60	85.13	566.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.781ft	HL=4.350ft	Hev=.00ft
570.70	86.11	566.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.822ft	HL=4.451ft	Hev=.00ft
570.80	87.06	566.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.863ft	HL=4.550ft	Hev=.00ft
570.90	88.01	566.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.903ft	HL=4.649ft	Hev=.00ft
571.00	88.95	566.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.944ft	HL=4.750ft	Hev=.00ft
571.10	89.89	566.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.986ft	HL=4.851ft	Hev=.00ft
571.20	90.80	566.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.026ft	HL=4.949ft	Hev=.00ft
571.30	91.73	566.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.068ft	HL=5.051ft	Hev=.00ft
571.40	92.62	566.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.108ft	HL=5.150ft	Hev=.00ft

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
571.50	93.51	566.25	.000	

asbuilt basin 1 2 and 4.txt

571.60	94.41	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.149ft	HL=5.249ft	Hev= .00ft
571.70	95.29	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.190ft	HL=5.350ft	Hev= .00ft
571.80	96.16	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.231ft	HL=5.450ft	Hev= .00ft
571.90	97.02	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.272ft	HL=5.550ft	Hev= .00ft
572.00	97.88	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.313ft	HL=5.651ft	Hev= .00ft
572.10	98.72	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.354ft	HL=5.751ft	Hev= .00ft
572.20	99.57	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.395ft	HL=5.850ft	Hev= .00ft
572.30	100.40	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.436ft	HL=5.951ft	Hev= .00ft
572.40	101.22	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.477ft	HL=6.051ft	Hev= .00ft
572.50	102.05	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.518ft	HL=6.150ft	Hev= .00ft
572.60	102.85	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.559ft	HL=6.251ft	Hev= .00ft
572.70	103.66	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.600ft	HL=6.350ft	Hev= .00ft
572.80	104.46	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.641ft	HL=6.450ft	Hev= .00ft
572.90	105.25	566.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.681ft	HL=6.549ft	Hev= .00ft
				FULL FLOW... Lfull=70.01ft	Vh=2.722ft	HL=6.649ft	Hev= .00ft

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
573.00	106.05	566.25	.000
		FULL FLOW... Lfull=70.01ft	Vh=2.764ft HL=6.750ft Hev= .00ft
573.10	106.83	566.25	.000
		FULL FLOW... Lfull=70.01ft	Vh=2.805ft HL=6.851ft Hev= .00ft
573.20	107.60	566.25	.000
		FULL FLOW... Lfull=70.01ft	Vh=2.845ft HL=6.950ft Hev= .00ft



asbuilt basin 1 2 and 4.txt

573.30	108.37	566.25	.000	FULL FLOW...	Lfull=70.01ft	Vh=2.886ft	HL=7.050ft	Hev=.00ft
573.40	109.15	566.25	.000	FULL FLOW...	Lfull=70.01ft	Vh=2.928ft	HL=7.151ft	Hev=.00ft
573.50	109.91	566.25	.000	FULL FLOW...	Lfull=70.01ft	Vh=2.969ft	HL=7.251ft	Hev=.00ft
573.60	110.65	566.25	.000	FULL FLOW...	Lfull=70.01ft	Vh=3.009ft	HL=7.350ft	Hev=.00ft
573.70	111.40	566.25	.000	FULL FLOW...	Lfull=70.01ft	Vh=3.050ft	HL=7.449ft	Hev=.00ft
573.80	112.15	566.25	.000	FULL FLOW...	Lfull=70.01ft	Vh=3.091ft	HL=7.550ft	Hev=.00ft
573.90	112.89	566.25	.000	FULL FLOW...	Lfull=70.01ft	Vh=3.132ft	HL=7.649ft	Hev=.00ft
574.00	113.62	566.25	.000	FULL FLOW...	Lfull=70.01ft	Vh=3.173ft	HL=7.749ft	Hev=.00ft

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Type... Individual Outlet Curves  
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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages	
565.00	-.00	566.25	.000		
565.10	-.00	566.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
565.20	-.00	566.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
565.25	-.00	566.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
565.30	-.00	566.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
565.40	-.00	566.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
565.50	-.00	566.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
565.60	-.00	566.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
565.70	-.00	566.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
565.75	-.00	566.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
565.80	-.00	566.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft

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565.90  -.00  REVERSE FULL: Lfull=41.44ft  Vh=.000ft  HL=.000ft  Hev=.00ft
          566.25  .000
566.00  -.00  REVERSE FULL: Lfull=41.44ft  Vh=.000ft  HL=.000ft  Hev=.00ft
          566.25  .000
566.10  -.00  REVERSE FULL: Lfull=41.44ft  Vh=.000ft  HL=.000ft  Hev=.00ft
          566.25  .000
566.20  -.00  REVERSE FULL: Lfull=41.44ft  Vh=.000ft  HL=.000ft  Hev=.00ft
          566.25  .000
566.25  .00  REVERSE FULL: Lfull=41.44ft  Vh=.000ft  HL=.000ft  Hev=.00ft
          566.25  .000
566.30  .00  Upstream HW & DNstream TW < Inv. EI
          566.25  .000
          Upstream HW & DNstream TW < Inv. EI

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft
		Converge +/-ft
		Computati on Messages
566.40	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
566.50	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
566.60	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
566.70	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
566.75	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
566.80	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
566.90	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
567.00	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
567.10	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
567.20	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
567.25	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
567.30	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
567.40	.00	566.25 .000

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567.50 .00 566.25 .000 Upstream HW & DNstream TW < Inv. EI  
 567.60 .00 566.25 .000 Upstream HW & DNstream TW < Inv. EI  
 567.70 .00 566.25 .000 Upstream HW & DNstream TW < Inv. EI  
 567.75 .00 566.25 .000 Upstream HW & DNstream TW < Inv. EI

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft
Computati on Messages		
567.80	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
567.90	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
568.00	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
568.10	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
568.20	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
568.25	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
568.30	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
568.40	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
568.50	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
568.60	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
568.70	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
568.75	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
568.80	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
568.90	.00	566.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.00	.00	566.25 .000

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569.10 .00 566.25 .000 Upstream HW & DNstream TW < Inv. EI  
 569.20 .00 566.25 .000 Upstream HW & DNstream TW < Inv. EI  
 Upstream HW & DNstream TW < Inv. EI

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft
Computation Messages		
569.25	.00	566.25 .000
569.30	.00	566.25 .000
569.40	.00	566.25 .000
569.50	.00	566.25 .000
569.60	.00	566.25 .000
569.70	.00	566.25 .000
569.75	.00	566.25 .000
569.80	.00	566.25 .000
569.90	.00	566.25 .000
570.00	.00	566.25 .000
570.10	.00	566.25 .000
570.20	.00	566.25 .000
570.30	.04	566.25 .000
.00ft		CRI T. DEPTH CONTROL Vh= .042ft Dcr= .125ft CRI T. DEPTH Hev=
570.40	.18	566.25 .000
.00ft		CRI T. DEPTH CONTROL Vh= .064ft Dcr= .187ft CRI T. DEPTH Hev=
570.50	.38	566.25 .000
.00ft		CRI T. DEPTH CONTROL Vh= .064ft Dcr= .187ft CRI T. DEPTH Hev=

asbuilt basin 1 2 and 4.txt

570.60 .57 566.25 .000  
 CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft CRIT. DEPTH Hev=  
 .00ft  
 570.70 .88 566.25 .000  
 CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft CRIT. DEPTH Hev=  
 .00ft

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft
-----		
Computati on Messages		
-----		
570.80	1.23	566.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .136ft Dcr= .390ft CRIT. DEPTH Hev=
570.90	1.62	566.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .154ft Dcr= .437ft CRIT. DEPTH Hev=
571.00	2.01	566.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .177ft Dcr= .500ft CRIT. DEPTH Hev=
571.10	2.52	566.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .195ft Dcr= .547ft CRIT. DEPTH Hev=
571.20	3.13	566.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .220ft Dcr= .609ft CRIT. DEPTH Hev=
571.30	3.76	566.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .245ft Dcr= .672ft CRIT. DEPTH Hev=
571.40	4.42	566.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .271ft Dcr= .734ft CRIT. DEPTH Hev=
571.50	4.97	566.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .291ft Dcr= .781ft CRIT. DEPTH Hev=
571.60	5.90	566.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .322ft Dcr= .851ft CRIT. DEPTH Hev=
571.70	6.54	566.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .351ft Dcr= .914ft CRIT. DEPTH Hev=
571.80	7.40	566.25 .000
		CRIT. DEPTH CONTROL Vh= .377ft Dcr= .968ft CRIT. DEPTH Hev=

asbuil t basin 1 2 and 4. txt

.00ft	571.90	8.18	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= .404ft	Dcr= 1.023ft	CRI T. DEPTH Hev=	
.00ft	572.00	9.04	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= .429ft	Dcr= 1.070ft	CRI T. DEPTH Hev=	
.00ft	572.10	9.81	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= .454ft	Dcr= 1.117ft	CRI T. DEPTH Hev=	
.00ft	572.20	10.77	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= .485ft	Dcr= 1.171ft	CRI T. DEPTH Hev=	
.00ft	572.30	11.58	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= .513ft	Dcr= 1.218ft	CRI T. DEPTH Hev=	
.00ft	572.40	12.43	566.25	.000				
			CRI T. DEPTH CONTROL		Vh= .548ft	Dcr= 1.273ft	CRI T. DEPTH Hev=	

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev. ft	Converge +/-ft	Computati on Messages
572.50	13.41	566.25	.000	
		CRI T. DEPTH CONTROL		Vh= .580ft Dcr= 1.320ft CRI T. DEPTH Hev=
.00ft				
572.60	14.27	566.25	.000	
		CRI T. DEPTH CONTROL		Vh= .615ft Dcr= 1.367ft CRI T. DEPTH Hev=
.00ft				
572.70	15.16	566.25	.000	
		CRI T. DEPTH CONTROL		Vh= .645ft Dcr= 1.406ft CRI T. DEPTH Hev=
.00ft				
572.80	16.11	566.25	.000	
		CRI T. DEPTH CONTROL		Vh= .685ft Dcr= 1.452ft CRI T. DEPTH Hev=
.00ft				
572.90	17.06	566.25	.000	
		CRI T. DEPTH CONTROL		Vh= .714ft Dcr= 1.484ft CRI T. DEPTH Hev=
.00ft				
573.00	17.77	566.25	.000	
		CRI T. DEPTH CONTROL		Vh= .753ft Dcr= 1.523ft CRI T. DEPTH Hev=
.00ft				
573.10	18.71	566.25	.000	

asbuilt basin 1 2 and 4.txt

WS Elev	Device	Q	Tail Water	Notes
.00ft				
573.20	19.60	566.25	.000	CRI T. DEPTH CONTROL Vh= .795ft Dcr= 1.562ft CRI T. DEPTH Hev=
.00ft				
573.30	20.41	566.25	.000	CRI T. DEPTH CONTROL Vh= .828ft Dcr= 1.589ft CRI T. DEPTH Hev=
.00ft				
573.40	21.24	566.25	.000	CRI T. DEPTH CONTROL Vh= .869ft Dcr= 1.620ft CRI T. DEPTH Hev=
.00ft				
573.50	22.07	566.25	.000	CRI T. DEPTH CONTROL Vh= .908ft Dcr= 1.648ft CRI T. DEPTH Hev=
.00ft				
573.60	22.83	566.25	.000	CRI T. DEPTH CONTROL Vh= .959ft Dcr= 1.679ft CRI T. DEPTH Hev=
.00ft				
573.70	23.61	566.25	.000	CRI T. DEPTH CONTROL Vh= 1.001ft Dcr= 1.702ft CRI T. DEPTH Hev=
.00ft				
573.80	24.40	566.25	.000	CRI T. DEPTH CONTROL Vh= 1.039ft Dcr= 1.722ft CRI T. DEPTH Hev=
.00ft				
573.90	25.15	566.25	.000	CRI T. DEPTH CONTROL Vh= 1.090ft Dcr= 1.745ft CRI T. DEPTH Hev=
.00ft				
574.00	25.79	566.25	.000	CRI T. DEPTH CONTROL Vh= 1.138ft Dcr= 1.765ft CRI T. DEPTH Hev=
.00ft				
				CRI T. DEPTH CONTROL Vh= 1.192ft Dcr= 1.784ft CRI T. DEPTH Hev=

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev	Device	Q	Tail Water	Notes
565.00	-16.83	566.50	.000	
565.10	-16.83	566.50	.000	REVERSE FULL: Lfull=8.73ft Vh=.070ft HL=.125ft Hev=.00ft
565.20	-16.83	566.50	.000	REVERSE FULL: Lfull=8.73ft Vh=.070ft HL=.125ft Hev=.00ft

asbuilt basin 1 2 and 4.txt

565.25	-16.83	566.50	.000	REVERSE FULL: Lfull=8.73ft	Vh=.070ft	HL=.125ft	Hev=.00ft
565.30	-16.83	566.50	.000	REVERSE FULL: Lfull=8.73ft	Vh=.070ft	HL=.125ft	Hev=.00ft
565.40	-16.83	566.50	.000	REVERSE FULL: Lfull=8.73ft	Vh=.070ft	HL=.125ft	Hev=.00ft
565.50	-16.83	566.50	.000	REVERSE FULL: Lfull=8.73ft	Vh=.070ft	HL=.125ft	Hev=.00ft
565.60	-16.83	566.50	.000	REVERSE FULL: Lfull=8.73ft	Vh=.070ft	HL=.125ft	Hev=.00ft
565.70	-16.83	566.50	.000	REVERSE FULL: Lfull=8.73ft	Vh=.070ft	HL=.125ft	Hev=.00ft
565.75	-16.83	566.50	.000	REVERSE FULL: Lfull=8.73ft	Vh=.070ft	HL=.125ft	Hev=.00ft
565.80	-16.83	566.50	.000	REVERSE FULL: Lfull=8.73ft	Vh=.070ft	HL=.125ft	Hev=.00ft
565.90	-16.83	566.50	.000	REVERSE FULL: Lfull=8.73ft	Vh=.070ft	HL=.125ft	Hev=.00ft
566.00	-16.83	566.50	.000	REVERSE FULL: Lfull=8.73ft	Vh=.070ft	HL=.125ft	Hev=.00ft
566.10	-16.55	566.50	.000	REVERSE FULL: Lfull=8.73ft	Vh=.070ft	HL=.125ft	Hev=.00ft
566.20	-15.54	566.50	.000	REVERSE FULL: Lfull=9.08ft	Vh=.067ft	HL=.121ft	Hev=.00ft
				REVERSE FULL: Lfull=9.98ft	Vh=.059ft	HL=.107ft	Hev=.00ft

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Name... Outlet 3

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4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
566.25	-14.73	566.50	.000			
				REVERSE FULL: Lfull=10.74ft	Vh=.053ft	HL=.097ft Hev=.00ft
566.30	-13.64	566.50	.000			
				REVERSE FULL: Lfull=11.67ft	Vh=.046ft	HL=.083ft Hev=.00ft
566.40	-10.30	566.50	.000			
				REVERSE FULL: Lfull=14.19ft	Vh=.026ft	HL=.048ft Hev=.00ft
566.50	.00	566.50	.000			
				HW = TW elev		
566.60	11.31	566.50	.000			
				BACKWATER CONTROL..	Vh=.063ft	hwDi = 1.493ft Lbw= 52.1ft Hev=



asbuilt basin 1 2 and 4.txt

.00ft	566.70	15.92	566.50	.000	BACKWATER CONTROL	Vh= .127ft	hwDi = 1.484ft	Lbw= 51.7ft	Hev=
.00ft	566.75	17.73	566.50	.000	BACKWATER CONTROL	Vh= .159ft	hwDi = 1.479ft	Lbw= 51.4ft	Hev=
.00ft	566.80	19.43	566.50	.000	BACKWATER CONTROL	Vh= .193ft	hwDi = 1.473ft	Lbw= 51.2ft	Hev=
.00ft	566.90	22.30	566.50	.000	BACKWATER CONTROL	Vh= .259ft	hwDi = 1.459ft	Lbw= 50.8ft	Hev=
.00ft	567.00	24.74	566.50	.000	BACKWATER CONTROL	Vh= .331ft	hwDi = 1.438ft	Lbw= 50.3ft	Hev=
.00ft	567.10	26.78	566.50	.000	BACKWATER CONTROL	Vh= .405ft	hwDi = 1.411ft	Lbw= 49.9ft	Hev=
.00ft	567.20	28.33	566.50	.000	BACKWATER CONTROL	Vh= .492ft	hwDi = 1.362ft	Lbw= 49.5ft	Hev=
.00ft	567.25	28.84	566.50	.000	CRIT. DEPTH CONTROL	Vh= .546ft	Dcr= 1.318ft	H. JUMP IN PIPE	Hev=
.00ft	567.30	29.95	566.50	.000	CRIT. DEPTH CONTROL	Vh= .561ft	Dcr= 1.344ft	H. JUMP IN PIPE	Hev=
.00ft	567.40	31.86	566.50	.000	CRIT. DEPTH CONTROL	Vh= .594ft	Dcr= 1.397ft	H. JUMP IN PIPE	Hev=

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
567.50	34.02	566.50	.000	Vh= .623ft Dcr= 1.441ft H. JUMP IN PIPE Hev=
.00ft		566.50	.000	
567.60	36.17	566.50	.000	

asbuilt basin 1 2 and 4.txt

.00ft								
567.70	38.39	566.50	.000	CRI T. DEPTH CONTROL	Vh= .656ft	Dcr= 1.489ft	H. JUMP IN PIPE	Hev=
.00ft								
567.75	39.43	566.50	.000	CRI T. DEPTH CONTROL	Vh= .685ft	Dcr= 1.529ft	H. JUMP IN PIPE	Hev=
.00ft								
567.80	40.50	566.50	.000	CRI T. DEPTH CONTROL	Vh= .705ft	Dcr= 1.555ft	H. JUMP IN PIPE	Hev=
.00ft								
567.90	42.79	566.50	.000	CRI T. DEPTH CONTROL	Vh= .722ft	Dcr= 1.577ft	H. JUMP IN PIPE	Hev=
.00ft								
567.90	42.79	566.50	.000	CRI T. DEPTH CONTROL	Vh= .755ft	Dcr= 1.616ft	H. JUMP IN PIPE	Hev=
.00ft								
568.00	44.74	566.50	.000	CRI T. DEPTH CONTROL	Vh= .791ft	Dcr= 1.656ft	H. JUMP IN PIPE	Hev=
.00ft								
568.10	46.89	566.50	.000	CRI T. DEPTH CONTROL	Vh= .824ft	Dcr= 1.691ft	H. JUMP IN PIPE	Hev=
.00ft								
568.20	48.88	566.50	.000	CRI T. DEPTH CONTROL	Vh= .824ft	Dcr= 1.691ft	H. JUMP IN PIPE	Hev=
.00ft								
568.25	49.90	566.50	.000	CRI T. DEPTH CONTROL	Vh= .865ft	Dcr= 1.731ft	H. JUMP IN PIPE	Hev=
.00ft								
568.25	49.90	566.50	.000	CRI T. DEPTH CONTROL	Vh= .885ft	Dcr= 1.748ft	H. JUMP IN PIPE	Hev=
.00ft								
568.30	50.92	566.50	.000	CRI T. DEPTH CONTROL	Vh= .900ft	Dcr= 1.761ft	H. JUMP IN PIPE	Hev=
.00ft								
568.40	53.19	566.50	.000	CRI T. DEPTH CONTROL	Vh= .948ft	Dcr= 1.801ft	H. JUMP IN PIPE	Hev=
.00ft								
568.50	55.01	566.50	.000	CRI T. DEPTH CONTROL	Vh= .984ft	Dcr= 1.827ft	H. JUMP IN PIPE	Hev=
.00ft								
568.60	56.89	566.50	.000	CRI T. DEPTH CONTROL	Vh= 1.022ft	Dcr= 1.854ft	H. JUMP IN PIPE	Hev=
Hev= .00ft								
568.70	60.13	566.50	.000	BACKWATER CONTROL..	Vh= .959ft	hwDi = 2.071ft	Lbw= 18.6ft	Hev=
.00ft								

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

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Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

asbuilt basin 1 2 and 4.txt

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
568.75	61.00	566.50	.000	BACKWATER CONTROL. . Vh= .958ft hwDi = 2.120ft Lbw= 15.5ft Hev=
.00ft				
568.80	61.81	566.50	.000	BACKWATER CONTROL. . Vh= .964ft hwDi = 2.161ft Lbw= 12.2ft Hev=
.00ft				
568.90	63.23	566.50	.000	BACKWATER CONTROL. . Vh= .987ft hwDi = 2.222ft Lbw= 5.3ft Hev=
.00ft				
569.00	64.53	566.50	.000	FULL FLOW. . . Lfull=70.01ft Vh=1.023ft HL=2.500ft Hev= .00ft
569.10	65.81	566.50	.000	FULL FLOW. . . Lfull=70.01ft Vh=1.064ft HL=2.600ft Hev= .00ft
569.20	67.07	566.50	.000	FULL FLOW. . . Lfull=70.01ft Vh=1.105ft HL=2.700ft Hev= .00ft
569.25	67.68	566.50	.000	FULL FLOW. . . Lfull=70.01ft Vh=1.126ft HL=2.750ft Hev= .00ft
569.30	68.30	566.50	.000	FULL FLOW. . . Lfull=70.01ft Vh=1.146ft HL=2.800ft Hev= .00ft
569.40	69.51	566.50	.000	FULL FLOW. . . Lfull=70.01ft Vh=1.187ft HL=2.900ft Hev= .00ft
569.50	70.70	566.50	.000	FULL FLOW. . . Lfull=70.01ft Vh=1.228ft HL=3.000ft Hev= .00ft
569.60	71.86	566.50	.000	FULL FLOW. . . Lfull=70.01ft Vh=1.269ft HL=3.100ft Hev= .00ft
569.70	73.02	566.50	.000	FULL FLOW. . . Lfull=70.01ft Vh=1.310ft HL=3.201ft Hev= .00ft
569.75	73.57	566.50	.000	FULL FLOW. . . Lfull=70.01ft Vh=1.330ft HL=3.249ft Hev= .00ft
569.80	74.14	566.50	.000	FULL FLOW. . . Lfull=70.01ft Vh=1.351ft HL=3.300ft Hev= .00ft
569.90	75.26	566.50	.000	FULL FLOW. . . Lfull=70.01ft Vh=1.392ft HL=3.400ft Hev= .00ft

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Type. . . . Individual Outlet Curves

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Name. . . . Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q

Tail Water

Notes

asbuilt basin 1 2 and 4.txt

WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
570.00	76.36	566.50	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.433ft	HL=3.500ft	Hev= .00ft
570.10	77.45	566.50	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.474ft	HL=3.601ft	Hev= .00ft
570.20	78.50	566.50	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.515ft	HL=3.699ft	Hev= .00ft
570.30	79.56	566.50	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.555ft	HL=3.799ft	Hev= .00ft
570.40	80.61	566.50	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.597ft	HL=3.900ft	Hev= .00ft
570.50	81.64	566.50	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.638ft	HL=4.000ft	Hev= .00ft
570.60	82.64	566.50	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.678ft	HL=4.100ft	Hev= .00ft
570.70	83.65	566.50	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.720ft	HL=4.200ft	Hev= .00ft
570.80	84.63	566.50	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.760ft	HL=4.300ft	Hev= .00ft
570.90	85.62	566.50	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.801ft	HL=4.400ft	Hev= .00ft
571.00	86.58	566.50	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.842ft	HL=4.500ft	Hev= .00ft
571.10	87.54	566.50	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.883ft	HL=4.600ft	Hev= .00ft
571.20	88.49	566.50	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.924ft	HL=4.701ft	Hev= .00ft
571.30	89.42	566.50	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.965ft	HL=4.800ft	Hev= .00ft
571.40	90.35	566.50	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.006ft	HL=4.900ft	Hev= .00ft

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4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
571.50	91.27	566.50	.000

asbuilt basin 1 2 and 4.txt

571.60	92.17	566.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.047ft	HL=5.000ft	Hev= .00ft
571.70	93.07	566.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.088ft	HL=5.100ft	Hev= .00ft
571.80	93.97	566.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.129ft	HL=5.200ft	Hev= .00ft
571.90	94.85	566.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.170ft	HL=5.300ft	Hev= .00ft
572.00	95.72	566.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.211ft	HL=5.401ft	Hev= .00ft
572.10	96.59	566.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.252ft	HL=5.500ft	Hev= .00ft
572.20	97.44	566.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.293ft	HL=5.600ft	Hev= .00ft
572.30	98.29	566.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.333ft	HL=5.699ft	Hev= .00ft
572.40	99.14	566.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.374ft	HL=5.799ft	Hev= .00ft
572.50	99.98	566.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.416ft	HL=5.900ft	Hev= .00ft
572.60	100.80	566.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.457ft	HL=6.001ft	Hev= .00ft
572.70	101.63	566.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.497ft	HL=6.099ft	Hev= .00ft
572.80	102.45	566.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.538ft	HL=6.200ft	Hev= .00ft
572.90	103.25	566.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.579ft	HL=6.300ft	Hev= .00ft
				FULL FLOW... Lfull=70.01ft	Vh=2.620ft	HL=6.400ft	Hev= .00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
573.00	104.06	566.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=2.661ft HL=6.500ft Hev= .00ft
573.10	104.86	566.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=2.702ft HL=6.600ft Hev= .00ft
573.20	105.64	566.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=2.743ft HL=6.699ft Hev= .00ft

asbuilt basin 1 2 and 4.txt

573.30	106.43	566.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=2.784ft	HL=6.799ft	Hev=.00ft
573.40	107.22	566.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=2.825ft	HL=6.900ft	Hev=.00ft
573.50	107.99	566.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=2.866ft	HL=7.001ft	Hev=.00ft
573.60	108.75	566.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=2.907ft	HL=7.100ft	Hev=.00ft
573.70	109.52	566.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=2.948ft	HL=7.200ft	Hev=.00ft
573.80	110.28	566.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=2.989ft	HL=7.301ft	Hev=.00ft
573.90	111.04	566.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=3.030ft	HL=7.401ft	Hev=.00ft
574.00	111.77	566.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=3.070ft	HL=7.499ft	Hev=.00ft

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Type... Individual Outlet Curves  
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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
565.00	-.00	566.50	.000	
565.10	-.00	566.50	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.20	-.00	566.50	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.25	-.00	566.50	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.30	-.00	566.50	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.40	-.00	566.50	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.50	-.00	566.50	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.60	-.00	566.50	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.70	-.00	566.50	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.75	-.00	566.50	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.80	-.00	566.50	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft

asbuilt basin 1 2 and 4.txt

565.90	-.00	566.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.00	-.00	566.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.10	-.00	566.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.20	-.00	566.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.25	-.00	566.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.30	-.00	566.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft
566.40	-.00	566.50 .000
566.50	.00	566.50 .000
566.60	.00	566.50 .000
566.70	.00	566.50 .000
566.75	.00	566.50 .000
566.80	.00	566.50 .000
566.90	.00	566.50 .000
567.00	.00	566.50 .000
567.10	.00	566.50 .000
567.20	.00	566.50 .000
567.25	.00	566.50 .000
567.30	.00	566.50 .000
567.40	.00	566.50 .000

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567.50 .00 566.50 .000 Upstream HW & DNstream TW < Inv. EI  
 567.60 .00 566.50 .000 Upstream HW & DNstream TW < Inv. EI  
 567.70 .00 566.50 .000 Upstream HW & DNstream TW < Inv. EI  
 567.75 .00 566.50 .000 Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves  
 Name... Outlet 3

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft
Computati on Messages		
567.80	.00	566.50 .000
		Upstream HW & DNstream TW < Inv. EI
567.90	.00	566.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.00	.00	566.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.10	.00	566.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.20	.00	566.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.25	.00	566.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.30	.00	566.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.40	.00	566.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.50	.00	566.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.60	.00	566.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.70	.00	566.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.75	.00	566.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.80	.00	566.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.90	.00	566.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.00	.00	566.50 .000



asbuilt basin 1 2 and 4.txt

569.10 .00 566.50 .000 Upstream HW & DNstream TW < Inv. EI  
 569.20 .00 566.50 .000 Upstream HW & DNstream TW < Inv. EI  
 Upstream HW & DNstream TW < Inv. EI

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Individual Outlet Curves Page 15.196  
 Name... Outlet 3

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft
Computation Messages		
569.25	.00	566.50 .000
569.30	.00	566.50 .000
569.40	.00	566.50 .000
569.50	.00	566.50 .000
569.60	.00	566.50 .000
569.70	.00	566.50 .000
569.75	.00	566.50 .000
569.80	.00	566.50 .000
569.90	.00	566.50 .000
570.00	.00	566.50 .000
570.10	.00	566.50 .000
570.20	.00	566.50 .000
570.30	.04	566.50 .000
.00ft		CRI T. DEPTH CONTROL Vh= .042ft Dcr= .125ft CRI T. DEPTH Hev=
570.40	.18	566.50 .000
.00ft		CRI T. DEPTH CONTROL Vh= .064ft Dcr= .187ft CRI T. DEPTH Hev=
570.50	.38	566.50 .000
.00ft		CRI T. DEPTH CONTROL Vh= .064ft Dcr= .187ft CRI T. DEPTH Hev=

asbuilt basin 1 2 and 4.txt

570.60 .57 566.50 .000  
 CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft CRIT. DEPTH Hev=  
 .00ft  
 570.70 .88 566.50 .000  
 CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft CRIT. DEPTH Hev=  
 .00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft
-----		
Computati on Messages		
-----		
570.80	1.23	566.50 .000
.00ft		CRIT. DEPTH CONTROL Vh= .136ft Dcr= .390ft CRIT. DEPTH Hev=
570.90	1.62	566.50 .000
.00ft		CRIT. DEPTH CONTROL Vh= .154ft Dcr= .437ft CRIT. DEPTH Hev=
571.00	2.01	566.50 .000
.00ft		CRIT. DEPTH CONTROL Vh= .177ft Dcr= .500ft CRIT. DEPTH Hev=
571.10	2.52	566.50 .000
.00ft		CRIT. DEPTH CONTROL Vh= .195ft Dcr= .547ft CRIT. DEPTH Hev=
571.20	3.13	566.50 .000
.00ft		CRIT. DEPTH CONTROL Vh= .220ft Dcr= .609ft CRIT. DEPTH Hev=
571.30	3.76	566.50 .000
.00ft		CRIT. DEPTH CONTROL Vh= .245ft Dcr= .672ft CRIT. DEPTH Hev=
571.40	4.42	566.50 .000
.00ft		CRIT. DEPTH CONTROL Vh= .271ft Dcr= .734ft CRIT. DEPTH Hev=
571.50	4.97	566.50 .000
.00ft		CRIT. DEPTH CONTROL Vh= .291ft Dcr= .781ft CRIT. DEPTH Hev=
571.60	5.90	566.50 .000
.00ft		CRIT. DEPTH CONTROL Vh= .322ft Dcr= .851ft CRIT. DEPTH Hev=
571.70	6.54	566.50 .000
.00ft		CRIT. DEPTH CONTROL Vh= .351ft Dcr= .914ft CRIT. DEPTH Hev=
571.80	7.40	566.50 .000
		CRIT. DEPTH CONTROL Vh= .377ft Dcr= .968ft CRIT. DEPTH Hev=

asbuil t basin 1 2 and 4. txt

.00ft	571.90	8.18	566.50	.000				
			CRI T. DEPTH CONTROL		Vh= .404ft	Dcr= 1.023ft	CRI T. DEPTH Hev=	
.00ft	572.00	9.04	566.50	.000				
			CRI T. DEPTH CONTROL		Vh= .429ft	Dcr= 1.070ft	CRI T. DEPTH Hev=	
.00ft	572.10	9.81	566.50	.000				
			CRI T. DEPTH CONTROL		Vh= .454ft	Dcr= 1.117ft	CRI T. DEPTH Hev=	
.00ft	572.20	10.77	566.50	.000				
			CRI T. DEPTH CONTROL		Vh= .485ft	Dcr= 1.171ft	CRI T. DEPTH Hev=	
.00ft	572.30	11.58	566.50	.000				
			CRI T. DEPTH CONTROL		Vh= .513ft	Dcr= 1.218ft	CRI T. DEPTH Hev=	
.00ft	572.40	12.43	566.50	.000				
			CRI T. DEPTH CONTROL		Vh= .548ft	Dcr= 1.273ft	CRI T. DEPTH Hev=	

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUI LT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev. ft	Converge +/-ft	Computati on Messages
572.50	13.41	566.50	.000	
		CRI T. DEPTH CONTROL		Vh= .580ft Dcr= 1.320ft CRI T. DEPTH Hev=
.00ft				
572.60	14.27	566.50	.000	
		CRI T. DEPTH CONTROL		Vh= .615ft Dcr= 1.367ft CRI T. DEPTH Hev=
.00ft				
572.70	15.16	566.50	.000	
		CRI T. DEPTH CONTROL		Vh= .645ft Dcr= 1.406ft CRI T. DEPTH Hev=
.00ft				
572.80	16.11	566.50	.000	
		CRI T. DEPTH CONTROL		Vh= .685ft Dcr= 1.452ft CRI T. DEPTH Hev=
.00ft				
572.90	17.06	566.50	.000	
		CRI T. DEPTH CONTROL		Vh= .714ft Dcr= 1.484ft CRI T. DEPTH Hev=
.00ft				
573.00	17.77	566.50	.000	
		CRI T. DEPTH CONTROL		Vh= .753ft Dcr= 1.523ft CRI T. DEPTH Hev=
.00ft				
573.10	18.71	566.50	.000	

asbuilt basin 1 2 and 4.txt

WS Elev	Device	Q	Tail Water	Notes
.00ft				
573.20	19.60	566.50	.000	CRI T. DEPTH CONTROL Vh= .795ft Dcr= 1.562ft CRI T. DEPTH Hev=
.00ft				
573.30	20.41	566.50	.000	CRI T. DEPTH CONTROL Vh= .828ft Dcr= 1.589ft CRI T. DEPTH Hev=
.00ft				
573.40	21.24	566.50	.000	CRI T. DEPTH CONTROL Vh= .869ft Dcr= 1.620ft CRI T. DEPTH Hev=
.00ft				
573.50	22.07	566.50	.000	CRI T. DEPTH CONTROL Vh= .908ft Dcr= 1.648ft CRI T. DEPTH Hev=
.00ft				
573.60	22.83	566.50	.000	CRI T. DEPTH CONTROL Vh= .959ft Dcr= 1.679ft CRI T. DEPTH Hev=
.00ft				
573.70	23.61	566.50	.000	CRI T. DEPTH CONTROL Vh= 1.001ft Dcr= 1.702ft CRI T. DEPTH Hev=
.00ft				
573.80	24.40	566.50	.000	CRI T. DEPTH CONTROL Vh= 1.039ft Dcr= 1.722ft CRI T. DEPTH Hev=
.00ft				
573.90	25.15	566.50	.000	CRI T. DEPTH CONTROL Vh= 1.090ft Dcr= 1.745ft CRI T. DEPTH Hev=
.00ft				
574.00	25.79	566.50	.000	CRI T. DEPTH CONTROL Vh= 1.138ft Dcr= 1.765ft CRI T. DEPTH Hev=
.00ft				
				CRI T. DEPTH CONTROL Vh= 1.192ft Dcr= 1.784ft CRI T. DEPTH Hev=

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev	Device	Q	Tail Water	Notes
565.00	-21.36	566.75	.000	
565.10	-21.36	566.75	.000	REVERSE FULL: Lfull=20.05ft Vh=.112ft HL=.215ft Hev=.00ft
565.20	-21.36	566.75	.000	REVERSE FULL: Lfull=20.05ft Vh=.112ft HL=.215ft Hev=.00ft

asbuilt basin 1 2 and 4.txt

565.25	-21.36	566.75	.000	REVERSE FULL: Lfull=20.05ft	Vh=.112ft	HL=.215ft	Hev=.00ft
565.30	-21.36	566.75	.000	REVERSE FULL: Lfull=20.05ft	Vh=.112ft	HL=.215ft	Hev=.00ft
565.40	-21.36	566.75	.000	REVERSE FULL: Lfull=20.05ft	Vh=.112ft	HL=.215ft	Hev=.00ft
565.50	-21.36	566.75	.000	REVERSE FULL: Lfull=20.05ft	Vh=.112ft	HL=.215ft	Hev=.00ft
565.60	-21.36	566.75	.000	REVERSE FULL: Lfull=20.05ft	Vh=.112ft	HL=.215ft	Hev=.00ft
565.70	-21.36	566.75	.000	REVERSE FULL: Lfull=20.05ft	Vh=.112ft	HL=.215ft	Hev=.00ft
565.75	-21.36	566.75	.000	REVERSE FULL: Lfull=20.05ft	Vh=.112ft	HL=.215ft	Hev=.00ft
565.80	-21.36	566.75	.000	REVERSE FULL: Lfull=20.05ft	Vh=.112ft	HL=.215ft	Hev=.00ft
565.90	-21.36	566.75	.000	REVERSE FULL: Lfull=20.05ft	Vh=.112ft	HL=.215ft	Hev=.00ft
566.00	-21.36	566.75	.000	REVERSE FULL: Lfull=20.05ft	Vh=.112ft	HL=.215ft	Hev=.00ft
566.10	-21.36	566.75	.000	REVERSE FULL: Lfull=20.05ft	Vh=.112ft	HL=.215ft	Hev=.00ft
566.20	-21.22	566.75	.000	REVERSE FULL: Lfull=20.22ft	Vh=.111ft	HL=.212ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
566.25	-20.96	566.75	.000	REVERSE FULL: Lfull=20.51ft	Vh=.108ft	HL=.207ft Hev=.00ft
566.30	-20.55	566.75	.000	REVERSE FULL: Lfull=21.00ft	Vh=.104ft	HL=.200ft Hev=.00ft
566.40	-19.26	566.75	.000	REVERSE FULL: Lfull=22.64ft	Vh=.091ft	HL=.177ft Hev=.00ft
566.50	-17.17	566.75	.000	REVERSE FULL: Lfull=25.10ft	Vh=.072ft	HL=.142ft Hev=.00ft
566.60	-13.83	566.75	.000	REVERSE FULL: Lfull=28.36ft	Vh=.047ft	HL=.094ft Hev=.00ft

asbuilt basin 1 2 and 4.txt

566.70	-8.39	566.75	.000				
				REVERSE FULL: Lfull=32.59ft	Vh=.017ft	HL=.035ft	Hev=.00ft
566.75	.00	566.75	.000				
				HW = TW elev			
566.80	8.64	566.75	.000				
.00ft				BACKWATER CONTROL..	Vh= .026ft	hwDi = 1.755ft	Lbw= 34.5ft Hev=
566.90	15.02	566.75	.000				
.00ft				BACKWATER CONTROL..	Vh= .078ft	hwDi = 1.767ft	Lbw= 33.5ft Hev=
567.00	19.43	566.75	.000				
.00ft				BACKWATER CONTROL..	Vh= .129ft	hwDi = 1.781ft	Lbw= 32.4ft Hev=
567.10	23.12	566.75	.000				
.00ft				BACKWATER CONTROL..	Vh= .179ft	hwDi = 1.796ft	Lbw= 31.2ft Hev=
567.20	26.27	566.75	.000				
.00ft				BACKWATER CONTROL..	Vh= .227ft	hwDi = 1.814ft	Lbw= 30.0ft Hev=
567.25	27.75	566.75	.000				
.00ft				BACKWATER CONTROL..	Vh= .251ft	hwDi = 1.823ft	Lbw= 29.3ft Hev=
567.30	29.13	566.75	.000				
.00ft				BACKWATER CONTROL..	Vh= .274ft	hwDi = 1.834ft	Lbw= 28.6ft Hev=
567.40	31.82	566.75	.000				
.00ft				BACKWATER CONTROL..	Vh= .319ft	hwDi = 1.858ft	Lbw= 27.1ft Hev=

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
567.50	34.36	566.75	.000	
.00ft				BACKWATER CONTROL.. Vh= .362ft hwDi = 1.885ft Lbw= 25.4ft Hev=
567.60	36.73	566.75	.000	
.00ft				BACKWATER CONTROL.. Vh= .402ft hwDi = 1.917ft Lbw= 23.6ft Hev=
567.70	38.99	566.75	.000	

asbuilt basin 1 2 and 4.txt

.00ft								
567.75	40.08	566.75	.000	BACKWATER CONTROL..	Vh= .440ft	hwDi = 1.951ft	Lbw= 21.6ft	Hev=
.00ft								
567.80	41.19	566.75	.000	BACKWATER CONTROL..	Vh= .458ft	hwDi = 1.970ft	Lbw= 20.5ft	Hev=
.00ft								
567.90	43.30	566.75	.000	BACKWATER CONTROL..	Vh= .475ft	hwDi = 1.992ft	Lbw= 19.3ft	Hev=
.00ft								
568.00	45.32	566.75	.000	BACKWATER CONTROL..	Vh= .510ft	hwDi = 2.034ft	Lbw= 16.8ft	Hev=
.00ft								
568.10	47.22	566.75	.000	BACKWATER CONTROL..	Vh= .541ft	hwDi = 2.080ft	Lbw= 14.0ft	Hev=
.00ft								
568.20	49.05	566.75	.000	BACKWATER CONTROL..	Vh= .572ft	hwDi = 2.126ft	Lbw= 11.0ft	Hev=
.00ft								
568.25	49.95	566.75	.000	BACKWATER CONTROL..	Vh= .604ft	hwDi = 2.172ft	Lbw= 7.6ft	Hev=
.00ft								
568.30	50.80	566.75	.000	BACKWATER CONTROL..	Vh= .622ft	hwDi = 2.194ft	Lbw= 5.7ft	Hev=
.00ft								
568.40	52.44	566.75	.000	BACKWATER CONTROL..	Vh= .638ft	hwDi = 2.215ft	Lbw= 3.8ft	Hev=
.00ft								
568.50	54.00	566.75	.000	FULL FLOW...	Lfull=70.01ft	Vh=.676ft	HL=1.651ft	Hev= .00ft
.00ft								
568.60	55.51	566.75	.000	FULL FLOW...	Lfull=70.01ft	Vh=.717ft	HL=1.750ft	Hev= .00ft
.00ft								
568.70	57.00	566.75	.000	FULL FLOW...	Lfull=70.01ft	Vh=.757ft	HL=1.850ft	Hev= .00ft
.00ft								
568.70	57.00	566.75	.000	FULL FLOW...	Lfull=70.01ft	Vh=.798ft	HL=1.950ft	Hev= .00ft

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Type... Individual Outlet Curves  
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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
568.75	57.72	566.75	.000	

asbuilt basin 1 2 and 4.txt

568.80	58.43	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=.819ft	HL=2.000ft	Hev=.00ft
568.90	59.85	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=.839ft	HL=2.049ft	Hev=.00ft
569.00	61.23	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=.880ft	HL=2.150ft	Hev=.00ft
569.10	62.56	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=.921ft	HL=2.251ft	Hev=.00ft
569.20	63.88	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=.962ft	HL=2.350ft	Hev=.00ft
569.25	64.52	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.003ft	HL=2.450ft	Hev=.00ft
569.30	64.52	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.023ft	HL=2.499ft	Hev=.00ft
569.30	65.18	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.044ft	HL=2.550ft	Hev=.00ft
569.40	66.45	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.044ft	HL=2.550ft	Hev=.00ft
569.50	67.69	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.085ft	HL=2.650ft	Hev=.00ft
569.60	68.90	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.126ft	HL=2.751ft	Hev=.00ft
569.70	70.09	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.167ft	HL=2.850ft	Hev=.00ft
569.75	70.70	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.207ft	HL=2.949ft	Hev=.00ft
569.80	71.29	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.228ft	HL=3.000ft	Hev=.00ft
569.90	72.44	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.249ft	HL=3.050ft	Hev=.00ft
				FULL FLOW... Lfull=70.01ft	Vh=1.290ft	HL=3.150ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes
ft	cfs	TW Elev	Converge	Computati on Messages
		ft	+/-ft	
570.00	73.58	566.75	.000	
		FULL FLOW... Lfull=70.01ft	Vh=1.330ft	HL=3.249ft Hev=.00ft
570.10	74.71	566.75	.000	
		FULL FLOW... Lfull=70.01ft	Vh=1.372ft	HL=3.351ft Hev=.00ft
570.20	75.81	566.75	.000	
		FULL FLOW... Lfull=70.01ft	Vh=1.412ft	HL=3.450ft Hev=.00ft



asbuilt basin 1 2 and 4.txt

570.30	76.91	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.454ft	HL=3.551ft	Hev=.00ft
570.40	77.97	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.494ft	HL=3.649ft	Hev=.00ft
570.50	79.03	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.535ft	HL=3.749ft	Hev=.00ft
570.60	80.09	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.576ft	HL=3.851ft	Hev=.00ft
570.70	81.12	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.617ft	HL=3.950ft	Hev=.00ft
570.80	82.13	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.658ft	HL=4.049ft	Hev=.00ft
570.90	83.16	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.699ft	HL=4.151ft	Hev=.00ft
571.00	84.14	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.740ft	HL=4.249ft	Hev=.00ft
571.10	85.12	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.781ft	HL=4.349ft	Hev=.00ft
571.20	86.10	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.822ft	HL=4.450ft	Hev=.00ft
571.30	87.06	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.863ft	HL=4.550ft	Hev=.00ft
571.40	88.01	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.903ft	HL=4.649ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
571.50	88.95	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.944ft	HL=4.749ft Hev=.00ft
571.60	89.88	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=1.985ft	HL=4.849ft Hev=.00ft
571.70	90.82	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.027ft	HL=4.951ft Hev=.00ft
571.80	91.71	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.067ft	HL=5.049ft Hev=.00ft
571.90	92.63	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.109ft	HL=5.150ft Hev=.00ft
572.00	93.52	566.75	.000			

asbuilt basin 1 2 and 4.txt

572.10	94.40	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.149ft	HL=5.250ft	Hev= .00ft
572.20	95.28	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.190ft	HL=5.349ft	Hev= .00ft
572.30	96.16	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.231ft	HL=5.450ft	Hev= .00ft
572.40	97.02	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.272ft	HL=5.550ft	Hev= .00ft
572.50	97.87	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.313ft	HL=5.650ft	Hev= .00ft
572.60	98.72	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.354ft	HL=5.749ft	Hev= .00ft
572.70	99.56	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.395ft	HL=5.850ft	Hev= .00ft
572.80	100.39	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.436ft	HL=5.950ft	Hev= .00ft
572.90	101.22	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.477ft	HL=6.049ft	Hev= .00ft
				FULL FLOW... Lfull=70.01ft	Vh=2.518ft	HL=6.150ft	Hev= .00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes				
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages			
573.00	102.04	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.559ft	HL=6.250ft	Hev= .00ft
573.10	102.85	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.600ft	HL=6.350ft	Hev= .00ft
573.20	103.66	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.641ft	HL=6.450ft	Hev= .00ft
573.30	104.46	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.682ft	HL=6.550ft	Hev= .00ft
573.40	105.26	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.723ft	HL=6.651ft	Hev= .00ft
573.50	106.04	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.763ft	HL=6.749ft	Hev= .00ft
573.60	106.83	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.804ft	HL=6.850ft	Hev= .00ft
573.70	107.61	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.846ft	HL=6.951ft	Hev= .00ft

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573.80	108.37	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.886ft	HL=7.050ft	Hev=.00ft
573.90	109.14	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.927ft	HL=7.150ft	Hev=.00ft
574.00	109.90	566.75	.000	FULL FLOW... Lfull=70.01ft	Vh=2.968ft	HL=7.250ft	Hev=.00ft

S/N:

PondPack Ver:

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Type... Individual Outlet Curves  
 Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
565.00	-.00	566.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.10	-.00	566.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.20	-.00	566.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.25	-.00	566.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.30	-.00	566.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.40	-.00	566.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.50	-.00	566.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.60	-.00	566.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.70	-.00	566.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.75	-.00	566.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.80	-.00	566.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.90	-.00	566.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.00	-.00	566.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.10	-.00	566.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.20	-.00	566.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.25	-.00	566.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft

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566.30      REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft  
             -.00    566.75    .000  
             REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft

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♀ Type... Individual Outlet Curves                                  Page 15.207  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft Computati on Messages
566.40	-.00	566.75	.000
		REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev= .00ft
566.50	-.00	566.75	.000
		REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev= .00ft
566.60	-.00	566.75	.000
		REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev= .00ft
566.70	-.00	566.75	.000
		REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev= .00ft
566.75	.00	566.75	.000
		Upstream HW & DNstream TW < Inv. EI	
566.80	.00	566.75	.000
		Upstream HW & DNstream TW < Inv. EI	
566.90	.00	566.75	.000
		Upstream HW & DNstream TW < Inv. EI	
567.00	.00	566.75	.000
		Upstream HW & DNstream TW < Inv. EI	
567.10	.00	566.75	.000
		Upstream HW & DNstream TW < Inv. EI	
567.20	.00	566.75	.000
		Upstream HW & DNstream TW < Inv. EI	
567.25	.00	566.75	.000
		Upstream HW & DNstream TW < Inv. EI	
567.30	.00	566.75	.000
		Upstream HW & DNstream TW < Inv. EI	
567.40	.00	566.75	.000
		Upstream HW & DNstream TW < Inv. EI	
567.50	.00	566.75	.000
		Upstream HW & DNstream TW < Inv. EI	
567.60	.00	566.75	.000
		Upstream HW & DNstream TW < Inv. EI	
567.70	.00	566.75	.000
		Upstream HW & DNstream TW < Inv. EI	
567.75	.00	566.75	.000
		Upstream HW & DNstream TW < Inv. EI	

S/N:

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Type... Individual Outlet Curves  
Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft
		Converge +/-ft
		Computation Messages
567.80	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El
567.90	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El
568.00	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El
568.10	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El
568.20	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El
568.25	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El
568.30	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El
568.40	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El
568.50	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El
568.60	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El
568.70	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El
568.75	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El
568.80	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El
568.90	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El
569.00	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El
569.10	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El
569.20	.00	566.75 .000
		Upstream HW & DNstream TW < Inv. El

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
569.25	.00	566.75	.000	Upstream HW & DNstream TW < Inv. EI	
569.30	.00	566.75	.000	Upstream HW & DNstream TW < Inv. EI	
569.40	.00	566.75	.000	Upstream HW & DNstream TW < Inv. EI	
569.50	.00	566.75	.000	Upstream HW & DNstream TW < Inv. EI	
569.60	.00	566.75	.000	Upstream HW & DNstream TW < Inv. EI	
569.70	.00	566.75	.000	Upstream HW & DNstream TW < Inv. EI	
569.75	.00	566.75	.000	Upstream HW & DNstream TW < Inv. EI	
569.80	.00	566.75	.000	Upstream HW & DNstream TW < Inv. EI	
569.90	.00	566.75	.000	Upstream HW & DNstream TW < Inv. EI	
570.00	.00	566.75	.000	Upstream HW & DNstream TW < Inv. EI	
570.10	.00	566.75	.000	Upstream HW & DNstream TW < Inv. EI	
570.20	.00	566.75	.000	Upstream HW & DNstream TW < Inv. EI	
570.30	.04	566.75	.000	CRIT. DEPTH CONTROL Vh= .042ft Dcr= .125ft CRIT. DEPTH Hev=	
.00ft 570.40	.18	566.75	.000	CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft CRIT. DEPTH Hev=	
.00ft 570.50	.38	566.75	.000	CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft CRIT. DEPTH Hev=	
.00ft 570.60	.57	566.75	.000	CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft CRIT. DEPTH Hev=	
.00ft 570.70	.88	566.75	.000	CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft CRIT. DEPTH Hev=	
.00ft					

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
570.80	1.23	566.75	.000	Vh= .136ft	Dcr= .390ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
570.90	1.62	566.75	.000	Vh= .154ft	Dcr= .437ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.00	2.01	566.75	.000	Vh= .177ft	Dcr= .500ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.10	2.52	566.75	.000	Vh= .195ft	Dcr= .547ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.20	3.13	566.75	.000	Vh= .220ft	Dcr= .609ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.30	3.76	566.75	.000	Vh= .245ft	Dcr= .672ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.40	4.42	566.75	.000	Vh= .271ft	Dcr= .734ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.50	4.97	566.75	.000	Vh= .291ft	Dcr= .781ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.60	5.90	566.75	.000	Vh= .322ft	Dcr= .851ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.70	6.54	566.75	.000	Vh= .351ft	Dcr= .914ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.80	7.40	566.75	.000	Vh= .377ft	Dcr= .968ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.90	8.18	566.75	.000	Vh= .404ft	Dcr= 1.023ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.00	9.04	566.75	.000	Vh= .429ft	Dcr= 1.070ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.10	9.81	566.75	.000	Vh= .454ft	Dcr= 1.117ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				

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572.20	10.77	566.75	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .485ft	Dcr= 1.171ft	CRI T. DEPTH Hev=
572.30	11.58	566.75	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .513ft	Dcr= 1.218ft	CRI T. DEPTH Hev=
572.40	12.43	566.75	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .548ft	Dcr= 1.273ft	CRI T. DEPTH Hev=

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
572.50	13.41	566.75	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .580ft	Dcr= 1.320ft	CRI T. DEPTH Hev=
572.60	14.27	566.75	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .615ft	Dcr= 1.367ft	CRI T. DEPTH Hev=
572.70	15.16	566.75	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .645ft	Dcr= 1.406ft	CRI T. DEPTH Hev=
572.80	16.11	566.75	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .685ft	Dcr= 1.452ft	CRI T. DEPTH Hev=
572.90	17.06	566.75	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .714ft	Dcr= 1.484ft	CRI T. DEPTH Hev=
573.00	17.77	566.75	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .753ft	Dcr= 1.523ft	CRI T. DEPTH Hev=
573.10	18.71	566.75	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .795ft	Dcr= 1.562ft	CRI T. DEPTH Hev=
573.20	19.60	566.75	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .828ft	Dcr= 1.589ft	CRI T. DEPTH Hev=
573.30	20.41	566.75	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .869ft	Dcr= 1.620ft	CRI T. DEPTH Hev=
573.40	21.24	566.75	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .908ft	Dcr= 1.648ft	CRI T. DEPTH Hev=



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.00ft	573.50	22.07	566.75	.000				
			CRI T. DEPTH CONTROL	Vh= .959ft	Dcr= 1.679ft	CRI T. DEPTH	Hev=	
.00ft	573.60	22.83	566.75	.000				
			CRI T. DEPTH CONTROL	Vh= 1.001ft	Dcr= 1.702ft	CRI T. DEPTH	Hev=	
.00ft	573.70	23.61	566.75	.000				
			CRI T. DEPTH CONTROL	Vh= 1.039ft	Dcr= 1.722ft	CRI T. DEPTH	Hev=	
.00ft	573.80	24.40	566.75	.000				
			CRI T. DEPTH CONTROL	Vh= 1.090ft	Dcr= 1.745ft	CRI T. DEPTH	Hev=	
.00ft	573.90	25.15	566.75	.000				
			CRI T. DEPTH CONTROL	Vh= 1.138ft	Dcr= 1.765ft	CRI T. DEPTH	Hev=	
.00ft	574.00	25.79	566.75	.000				
			CRI T. DEPTH CONTROL	Vh= 1.192ft	Dcr= 1.784ft	CRI T. DEPTH	Hev=	

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages	
565.00	-25.80	567.00	.000		
		REVERSE FULL:	Lfull=29.49ft	Vh=.164ft	HL=.329ft Hev=.00ft
565.10	-25.80	567.00	.000		
		REVERSE FULL:	Lfull=29.49ft	Vh=.164ft	HL=.329ft Hev=.00ft
565.20	-25.80	567.00	.000		
		REVERSE FULL:	Lfull=29.49ft	Vh=.164ft	HL=.329ft Hev=.00ft
565.25	-25.80	567.00	.000		
		REVERSE FULL:	Lfull=29.49ft	Vh=.164ft	HL=.329ft Hev=.00ft
565.30	-25.80	567.00	.000		
		REVERSE FULL:	Lfull=29.49ft	Vh=.164ft	HL=.329ft Hev=.00ft
565.40	-25.80	567.00	.000		
		REVERSE FULL:	Lfull=29.49ft	Vh=.164ft	HL=.329ft Hev=.00ft
565.50	-25.80	567.00	.000		
		REVERSE FULL:	Lfull=29.49ft	Vh=.164ft	HL=.329ft Hev=.00ft
565.60	-25.80	567.00	.000		

asbuilt basin 1 2 and 4.txt

565.70	-25.80	567.00	.000	REVERSE FULL: Lfull=29.49ft	Vh=.164ft	HL=.329ft	Hev=.00ft
565.75	-25.80	567.00	.000	REVERSE FULL: Lfull=29.49ft	Vh=.164ft	HL=.329ft	Hev=.00ft
565.80	-25.80	567.00	.000	REVERSE FULL: Lfull=29.49ft	Vh=.164ft	HL=.329ft	Hev=.00ft
565.90	-25.80	567.00	.000	REVERSE FULL: Lfull=29.49ft	Vh=.164ft	HL=.329ft	Hev=.00ft
566.00	-25.80	567.00	.000	REVERSE FULL: Lfull=29.49ft	Vh=.164ft	HL=.329ft	Hev=.00ft
566.10	-25.80	567.00	.000	REVERSE FULL: Lfull=29.49ft	Vh=.164ft	HL=.329ft	Hev=.00ft
566.20	-25.80	567.00	.000	REVERSE FULL: Lfull=29.49ft	Vh=.164ft	HL=.329ft	Hev=.00ft

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
-----			
566.25	-25.80	567.00	.000
566.30	-25.75	567.00	.000
566.40	-25.27	567.00	.000
566.50	-24.27	567.00	.000
566.60	-22.65	567.00	.000
566.70	-20.31	567.00	.000
566.75	-18.88	567.00	.000
566.80	-17.07	567.00	.000
566.90	-12.40	567.00	.000
567.00	.00	567.00	.000

HW = TW elev

asbuilt basin 1 2 and 4.txt

567.10	12.80	567.00	.000	BACKWATER CONTROL..	Vh= .045ft	hwDi = 2.025ft	Lbw= 15.9ft	Hev=
.00ft								
567.20	18.07	567.00	.000	BACKWATER CONTROL..	Vh= .088ft	hwDi = 2.051ft	Lbw= 14.2ft	Hev=
.00ft								
567.25	20.22	567.00	.000	BACKWATER CONTROL..	Vh= .109ft	hwDi = 2.065ft	Lbw= 13.3ft	Hev=
.00ft								
567.30	22.20	567.00	.000	BACKWATER CONTROL..	Vh= .130ft	hwDi = 2.079ft	Lbw= 12.3ft	Hev=
.00ft								
567.40	25.68	567.00	.000	BACKWATER CONTROL..	Vh= .171ft	hwDi = 2.110ft	Lbw= 10.3ft	Hev=
.00ft								

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
567.50	28.76	567.00	.000	BACKWATER CONTROL.. Vh= .211ft hwDi = 2.142ft Lbw= 8.2ft Hev=
.00ft				
567.60	31.56	567.00	.000	BACKWATER CONTROL.. Vh= .250ft hwDi = 2.175ft Lbw= 5.8ft Hev=
.00ft				
567.70	34.15	567.00	.000	BACKWATER CONTROL.. Vh= .289ft hwDi = 2.210ft Lbw= 3.3ft Hev=
.00ft				
567.75	35.32	567.00	.000	BACKWATER CONTROL.. Vh= .308ft hwDi = 2.226ft Lbw= 2.0ft Hev=
.00ft				
567.80	36.51	567.00	.000	BACKWATER CONTROL.. Vh= .328ft hwDi = 2.243ft Lbw= .6ft Hev=
.00ft				
567.90	38.72	567.00	.000	FULL FLOW... Lfull=70.01ft Vh=.368ft HL=.900ft Hev= .00ft
568.00	40.84	567.00	.000	FULL FLOW... Lfull=70.01ft Vh=.410ft HL=1.001ft Hev= .00ft
568.10	42.81	567.00	.000	

asbuilt basin 1 2 and 4.txt

568.20	44.72	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.450ft	HL=1.100ft	Hev=.00ft
568.25	45.64	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.491ft	HL=1.200ft	Hev=.00ft
568.30	46.55	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.512ft	HL=1.251ft	Hev=.00ft
568.40	48.30	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.532ft	HL=1.300ft	Hev=.00ft
568.50	49.99	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.573ft	HL=1.400ft	Hev=.00ft
568.60	51.63	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.614ft	HL=1.500ft	Hev=.00ft
568.70	53.23	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.655ft	HL=1.600ft	Hev=.00ft
				FULL FLOW... Lfull=70.01ft	Vh=.696ft	HL=1.701ft	Hev=.00ft

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
Computati on Messages			
568.75	53.99	567.00	.000
568.80	54.75	567.00	.000
568.90	56.26	567.00	.000
569.00	57.72	567.00	.000
569.10	59.14	567.00	.000
569.20	60.54	567.00	.000
569.25	61.22	567.00	.000
569.30	61.90	567.00	.000
569.40	63.23	567.00	.000
569.50	64.54	567.00	.000

asbuilt basin 1 2 and 4.txt

569.60	65.81	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.064ft	HL=2.600ft	Hev= .00ft
569.70	67.07	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.105ft	HL=2.700ft	Hev= .00ft
569.75	67.69	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.126ft	HL=2.750ft	Hev= .00ft
569.80	68.29	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.146ft	HL=2.799ft	Hev= .00ft
569.90	69.50	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.187ft	HL=2.899ft	Hev= .00ft

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverpr\ PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev. ft	Converge +/-ft	Computati on Messages		
570.00	70.69	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.228ft	HL=3.000ft Hev= .00ft
570.10	71.87	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.269ft	HL=3.101ft Hev= .00ft
570.20	73.01	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.310ft	HL=3.200ft Hev= .00ft
570.30	74.14	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.351ft	HL=3.300ft Hev= .00ft
570.40	75.27	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.392ft	HL=3.401ft Hev= .00ft
570.50	76.36	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.433ft	HL=3.500ft Hev= .00ft
570.60	77.43	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.473ft	HL=3.599ft Hev= .00ft
570.70	78.52	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.515ft	HL=3.701ft Hev= .00ft
570.80	79.57	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.556ft	HL=3.800ft Hev= .00ft
570.90	80.61	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.597ft	HL=3.900ft Hev= .00ft
571.00	81.63	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.637ft	HL=3.999ft Hev= .00ft
571.10	82.65	567.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.679ft	HL=4.100ft Hev= .00ft
571.20	83.64	567.00	.000			

asbuilt basin 1 2 and 4.txt

571.30	84.64	567.00	.000	FULL FLOW... Lfull=70.01ft Vh=1.719ft HL=4.199ft Hev= .00ft
571.40	85.61	567.00	.000	FULL FLOW... Lfull=70.01ft Vh=1.760ft HL=4.300ft Hev= .00ft
		567.00	.000	FULL FLOW... Lfull=70.01ft Vh=1.801ft HL=4.400ft Hev= .00ft

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
571.50	86.59	567.00	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=1.843ft HL=4.501ft Hev= .00ft
571.60	87.54	567.00	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=1.883ft HL=4.600ft Hev= .00ft
571.70	88.49	567.00	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=1.924ft HL=4.700ft Hev= .00ft
571.80	89.43	567.00	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=1.965ft HL=4.800ft Hev= .00ft
571.90	90.36	567.00	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=2.006ft HL=4.901ft Hev= .00ft
572.00	91.26	567.00	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=2.047ft HL=5.000ft Hev= .00ft
572.10	92.17	567.00	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=2.088ft HL=5.100ft Hev= .00ft
572.20	93.08	567.00	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=2.129ft HL=5.201ft Hev= .00ft
572.30	93.97	567.00	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=2.170ft HL=5.301ft Hev= .00ft
572.40	94.84	567.00	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=2.210ft HL=5.399ft Hev= .00ft
572.50	95.72	567.00	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=2.252ft HL=5.500ft Hev= .00ft
572.60	96.58	567.00	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=2.292ft HL=5.600ft Hev= .00ft
572.70	97.45	567.00	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=2.334ft HL=5.700ft Hev= .00ft
572.80	98.30	567.00	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=2.375ft HL=5.800ft Hev= .00ft
572.90	99.14	567.00	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=2.416ft HL=5.900ft Hev= .00ft

asbuilt basin 1 2 and 4.txt

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Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
573.00	99.97	567.00	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.456ft	HL=6.000ft Hev= .00ft
573.10	100.81	567.00	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.497ft	HL=6.100ft Hev= .00ft
573.20	101.63	567.00	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.538ft	HL=6.200ft Hev= .00ft
573.30	102.45	567.00	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.579ft	HL=6.300ft Hev= .00ft
573.40	103.26	567.00	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.620ft	HL=6.400ft Hev= .00ft
573.50	104.06	567.00	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.661ft	HL=6.501ft Hev= .00ft
573.60	104.86	567.00	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.702ft	HL=6.600ft Hev= .00ft
573.70	105.65	567.00	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.743ft	HL=6.700ft Hev= .00ft
573.80	106.43	567.00	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.784ft	HL=6.800ft Hev= .00ft
573.90	107.22	567.00	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.825ft	HL=6.901ft Hev= .00ft
574.00	107.99	567.00	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.866ft	HL=7.000ft Hev= .00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

asbuilt basin 1 2 and 4.txt

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
565.00	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.10	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.20	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.25	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.30	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.40	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.50	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.60	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.70	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.75	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.80	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.90	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.00	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.10	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.20	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.25	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.30	-.00	567.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs



asbuilt basin 1 2 and 4.txt  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
566.40	-.00	567.00	.000	
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
566.50	-.00	567.00	.000	
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
566.60	-.00	567.00	.000	
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
566.70	-.00	567.00	.000	
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
566.75	-.00	567.00	.000	
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
566.80	-.00	567.00	.000	
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
566.90	-.00	567.00	.000	
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
567.00	.00	567.00	.000	
		Upstream HW & DNstream TW <	Inv. El	
567.10	.00	567.00	.000	
		Upstream HW & DNstream TW <	Inv. El	
567.20	.00	567.00	.000	
		Upstream HW & DNstream TW <	Inv. El	
567.25	.00	567.00	.000	
		Upstream HW & DNstream TW <	Inv. El	
567.30	.00	567.00	.000	
		Upstream HW & DNstream TW <	Inv. El	
567.40	.00	567.00	.000	
		Upstream HW & DNstream TW <	Inv. El	
567.50	.00	567.00	.000	
		Upstream HW & DNstream TW <	Inv. El	
567.60	.00	567.00	.000	
		Upstream HW & DNstream TW <	Inv. El	
567.70	.00	567.00	.000	
		Upstream HW & DNstream TW <	Inv. El	
567.75	.00	567.00	.000	
		Upstream HW & DNstream TW <	Inv. El	

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

asbuilt basin 1 2 and 4.txt

WS El ev, Devi ce Q	Tai l Water	Notes
WS El ev. ft	Q cfs	TW El ev ft Converge +/-ft
Computati on Messages		
567. 80	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI
567. 90	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI
568. 00	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI
568. 10	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI
568. 20	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI
568. 25	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI
568. 30	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI
568. 40	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI
568. 50	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI
568. 60	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI
568. 70	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI
568. 75	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI
568. 80	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI
568. 90	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI
569. 00	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI
569. 10	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI
569. 20	. 00	567. 00 . 000
		Upstream HW & DNstream TW < Inv. EI

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Type . . . Individual Outlet Curves  
Name . . . Outlet 3

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File . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS El ev, Devi ce Q	Tai l Water	Notes
WS El ev. ft	Q cfs	TW El ev ft Converge +/-ft
Computati on Messages		
Page 770		

asbuilt basin 1 2 and 4.txt

Station	Upstream HW	DNstream TW	Inv. EI			
569.25	.00	567.00	.000	Upstream HW & DNstream TW < Inv. EI		
569.30	.00	567.00	.000	Upstream HW & DNstream TW < Inv. EI		
569.40	.00	567.00	.000	Upstream HW & DNstream TW < Inv. EI		
569.50	.00	567.00	.000	Upstream HW & DNstream TW < Inv. EI		
569.60	.00	567.00	.000	Upstream HW & DNstream TW < Inv. EI		
569.70	.00	567.00	.000	Upstream HW & DNstream TW < Inv. EI		
569.75	.00	567.00	.000	Upstream HW & DNstream TW < Inv. EI		
569.80	.00	567.00	.000	Upstream HW & DNstream TW < Inv. EI		
569.90	.00	567.00	.000	Upstream HW & DNstream TW < Inv. EI		
570.00	.00	567.00	.000	Upstream HW & DNstream TW < Inv. EI		
570.10	.00	567.00	.000	Upstream HW & DNstream TW < Inv. EI		
570.20	.00	567.00	.000	Upstream HW & DNstream TW < Inv. EI		
570.30	.04	567.00	.000	Upstream HW & DNstream TW < Inv. EI		
.00ft				CRI T. DEPTH CONTROL	Vh= .042ft	Dcr= .125ft
570.40	.18	567.00	.000	CRI T. DEPTH CONTROL	Vh= .064ft	Dcr= .187ft
.00ft						
570.50	.38	567.00	.000	CRI T. DEPTH CONTROL	Vh= .064ft	Dcr= .187ft
.00ft						
570.60	.57	567.00	.000	CRI T. DEPTH CONTROL	Vh= .097ft	Dcr= .281ft
.00ft						
570.70	.88	567.00	.000	CRI T. DEPTH CONTROL	Vh= .108ft	Dcr= .312ft
.00ft						

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PondPack Ver:

Compute Time:

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev.	Q	TW Elev Converge	

ft	cfs	ft	+/-ft	Computation Messages		
570.80	1.23	567.00	.000	Vh= .136ft	Dcr= .390ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
570.90	1.62	567.00	.000	Vh= .154ft	Dcr= .437ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.00	2.01	567.00	.000	Vh= .177ft	Dcr= .500ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.10	2.52	567.00	.000	Vh= .195ft	Dcr= .547ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.20	3.13	567.00	.000	Vh= .220ft	Dcr= .609ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.30	3.76	567.00	.000	Vh= .245ft	Dcr= .672ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.40	4.42	567.00	.000	Vh= .271ft	Dcr= .734ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.50	4.97	567.00	.000	Vh= .291ft	Dcr= .781ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.60	5.90	567.00	.000	Vh= .322ft	Dcr= .851ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.70	6.54	567.00	.000	Vh= .351ft	Dcr= .914ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.80	7.40	567.00	.000	Vh= .377ft	Dcr= .968ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
571.90	8.18	567.00	.000	Vh= .404ft	Dcr= 1.023ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.00	9.04	567.00	.000	Vh= .429ft	Dcr= 1.070ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.10	9.81	567.00	.000	Vh= .454ft	Dcr= 1.117ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.20	10.77	567.00	.000	Vh= .485ft	Dcr= 1.171ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.30	11.58	567.00	.000	Vh= .513ft	Dcr= 1.218ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.40	12.43	567.00	.000	Vh= .548ft	Dcr= 1.273ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

asbuilt basin 1 2 and 4.txt

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
572.50	13.41	567.00	.000	Vh= .580ft	Dcr= 1.320ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.60	14.27	567.00	.000	Vh= .615ft	Dcr= 1.367ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.70	15.16	567.00	.000	Vh= .645ft	Dcr= 1.406ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.80	16.11	567.00	.000	Vh= .685ft	Dcr= 1.452ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.90	17.06	567.00	.000	Vh= .714ft	Dcr= 1.484ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.00	17.77	567.00	.000	Vh= .753ft	Dcr= 1.523ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.10	18.71	567.00	.000	Vh= .795ft	Dcr= 1.562ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.20	19.60	567.00	.000	Vh= .828ft	Dcr= 1.589ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.30	20.41	567.00	.000	Vh= .869ft	Dcr= 1.620ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.40	21.24	567.00	.000	Vh= .908ft	Dcr= 1.648ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.50	22.07	567.00	.000	Vh= .959ft	Dcr= 1.679ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.60	22.83	567.00	.000	Vh= 1.001ft	Dcr= 1.702ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.70	23.61	567.00	.000	Vh= 1.039ft	Dcr= 1.722ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.80	24.40	567.00	.000	Vh= 1.090ft	Dcr= 1.745ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.90	25.15	567.00	.000	Vh= 1.138ft	Dcr= 1.765ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
574.00	25.79	567.00	.000	Vh= 1.192ft	Dcr= 1.784ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			

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Type... Individual Outlet Curves Page 15.225  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
565.00	-30.16	567.25	.000	REVERSE FULL: Lfull=37.21ft	Vh=.224ft	HL=.468ft Hev=.00ft
565.10	-30.16	567.25	.000	REVERSE FULL: Lfull=37.21ft	Vh=.224ft	HL=.468ft Hev=.00ft
565.20	-30.16	567.25	.000	REVERSE FULL: Lfull=37.21ft	Vh=.224ft	HL=.468ft Hev=.00ft
565.25	-30.16	567.25	.000	REVERSE FULL: Lfull=37.21ft	Vh=.224ft	HL=.468ft Hev=.00ft
565.30	-30.16	567.25	.000	REVERSE FULL: Lfull=37.21ft	Vh=.224ft	HL=.468ft Hev=.00ft
565.40	-30.16	567.25	.000	REVERSE FULL: Lfull=37.21ft	Vh=.224ft	HL=.468ft Hev=.00ft
565.50	-30.16	567.25	.000	REVERSE FULL: Lfull=37.21ft	Vh=.224ft	HL=.468ft Hev=.00ft
565.60	-30.16	567.25	.000	REVERSE FULL: Lfull=37.21ft	Vh=.224ft	HL=.468ft Hev=.00ft
565.70	-30.16	567.25	.000	REVERSE FULL: Lfull=37.21ft	Vh=.224ft	HL=.468ft Hev=.00ft
565.75	-30.16	567.25	.000	REVERSE FULL: Lfull=37.21ft	Vh=.224ft	HL=.468ft Hev=.00ft
565.80	-30.16	567.25	.000	REVERSE FULL: Lfull=37.21ft	Vh=.224ft	HL=.468ft Hev=.00ft
565.90	-30.16	567.25	.000	REVERSE FULL: Lfull=37.21ft	Vh=.224ft	HL=.468ft Hev=.00ft
566.00	-30.16	567.25	.000	REVERSE FULL: Lfull=37.21ft	Vh=.224ft	HL=.468ft Hev=.00ft
566.10	-30.16	567.25	.000	REVERSE FULL: Lfull=37.21ft	Vh=.224ft	HL=.468ft Hev=.00ft
566.20	-30.16	567.25	.000	REVERSE FULL: Lfull=37.21ft	Vh=.224ft	HL=.468ft Hev=.00ft

S/N:  
 PondPack Ver: Compute Time: Date:

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
566.25	-30.16	567.25	.000	
		REVERSE FULL:	Lfull=37.21ft	Vh=.224ft HL=.468ft Hev=.00ft
566.30	-30.16	567.25	.000	
		REVERSE FULL:	Lfull=37.21ft	Vh=.224ft HL=.468ft Hev=.00ft
566.40	-30.14	567.25	.000	
		REVERSE FULL:	Lfull=37.26ft	Vh=.223ft HL=.468ft Hev=.00ft
566.50	-29.75	567.25	.000	
		REVERSE FULL:	Lfull=37.99ft	Vh=.218ft HL=.458ft Hev=.00ft
566.60	-28.90	567.25	.000	
		REVERSE FULL:	Lfull=39.59ft	Vh=.205ft HL=.435ft Hev=.00ft
566.70	-27.56	567.25	.000	
		REVERSE FULL:	Lfull=42.02ft	Vh=.187ft HL=.401ft Hev=.00ft
566.75	-26.66	567.25	.000	
		REVERSE FULL:	Lfull=43.54ft	Vh=.175ft HL=.377ft Hev=.00ft
566.80	-25.65	567.25	.000	
		REVERSE FULL:	Lfull=45.32ft	Vh=.162ft HL=.353ft Hev=.00ft
566.90	-23.17	567.25	.000	
		REVERSE FULL:	Lfull=49.48ft	Vh=.132ft HL=.294ft Hev=.00ft
567.00	-19.93	567.25	.000	
		REVERSE FULL:	Lfull=54.43ft	Vh=.098ft HL=.222ft Hev=.00ft
567.10	-15.64	567.25	.000	
		REVERSE FULL:	Lfull=60.16ft	Vh=.060ft HL=.141ft Hev=.00ft
567.20	-9.16	567.25	.000	
		REVERSE FULL:	Lfull=66.57ft	Vh=.021ft HL=.050ft Hev=.00ft
567.25	.00	567.25	.000	
		HW = TW elev		
567.30	9.09	567.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.020ft HL=.050ft Hev=.00ft
567.40	15.85	567.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.062ft HL=.151ft Hev=.00ft

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 PondPack Ver: Compute Time: Date:

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asbuilt basin 1 2 and 4.txt

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
567.50	20.38	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.102ft	HL=.249ft Hev=.00ft
567.60	24.15	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.143ft	HL=.350ft Hev=.00ft
567.70	27.37	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.184ft	HL=.450ft Hev=.00ft
567.75	28.83	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.204ft	HL=.499ft Hev=.00ft
567.80	30.25	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.225ft	HL=.549ft Hev=.00ft
567.90	32.91	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.266ft	HL=.650ft Hev=.00ft
568.00	35.35	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.307ft	HL=.750ft Hev=.00ft
568.10	37.62	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.348ft	HL=.850ft Hev=.00ft
568.20	39.77	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.389ft	HL=.949ft Hev=.00ft
568.25	40.82	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.409ft	HL=1.000ft Hev=.00ft
568.30	41.82	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.430ft	HL=1.050ft Hev=.00ft
568.40	43.78	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.471ft	HL=1.150ft Hev=.00ft
568.50	45.62	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.512ft	HL=1.250ft Hev=.00ft
568.60	47.43	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.553ft	HL=1.350ft Hev=.00ft
568.70	49.15	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.594ft	HL=1.450ft Hev=.00ft

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Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

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asbuilt basin 1 2 and 4.txt

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft
Computati on Messages		
568.75	50.00	567.25 .000
		FULL FLOW... Lfull=70.01ft Vh=.614ft HL=1.501ft Hev=.00ft
568.80	50.82	567.25 .000
		FULL FLOW... Lfull=70.01ft Vh=.635ft HL=1.550ft Hev=.00ft
568.90	52.44	567.25 .000
		FULL FLOW... Lfull=70.01ft Vh=.676ft HL=1.651ft Hev=.00ft
569.00	54.01	567.25 .000
		FULL FLOW... Lfull=70.01ft Vh=.717ft HL=1.751ft Hev=.00ft
569.10	55.51	567.25 .000
		FULL FLOW... Lfull=70.01ft Vh=.757ft HL=1.850ft Hev=.00ft
569.20	56.99	567.25 .000
		FULL FLOW... Lfull=70.01ft Vh=.798ft HL=1.950ft Hev=.00ft
569.25	57.73	567.25 .000
		FULL FLOW... Lfull=70.01ft Vh=.819ft HL=2.001ft Hev=.00ft
569.30	58.44	567.25 .000
		FULL FLOW... Lfull=70.01ft Vh=.839ft HL=2.050ft Hev=.00ft
569.40	59.86	567.25 .000
		FULL FLOW... Lfull=70.01ft Vh=.881ft HL=2.151ft Hev=.00ft
569.50	61.23	567.25 .000
		FULL FLOW... Lfull=70.01ft Vh=.921ft HL=2.251ft Hev=.00ft
569.60	62.56	567.25 .000
		FULL FLOW... Lfull=70.01ft Vh=.962ft HL=2.350ft Hev=.00ft
569.70	63.89	567.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.003ft HL=2.450ft Hev=.00ft
569.75	64.54	567.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.024ft HL=2.500ft Hev=.00ft
569.80	65.18	567.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.044ft HL=2.550ft Hev=.00ft
569.90	66.44	567.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.085ft HL=2.650ft Hev=.00ft

S/N:  
 PondPack Ver: Compute Time: Date:

Type... Individual Outlet Curves Page 15.229  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

asbuilt basin 1 2 and 4.txt  
 NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
570.00	67.69	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.126ft	HL=2.750ft Hev= .00ft
570.10	68.91	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.167ft	HL=2.850ft Hev= .00ft
570.20	70.09	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.207ft	HL=2.949ft Hev= .00ft
570.30	71.28	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.249ft	HL=3.050ft Hev= .00ft
570.40	72.44	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.290ft	HL=3.150ft Hev= .00ft
570.50	73.58	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.331ft	HL=3.250ft Hev= .00ft
570.60	74.71	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.372ft	HL=3.350ft Hev= .00ft
570.70	75.81	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.412ft	HL=3.449ft Hev= .00ft
570.80	76.91	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.454ft	HL=3.551ft Hev= .00ft
570.90	77.99	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.495ft	HL=3.651ft Hev= .00ft
571.00	79.05	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.535ft	HL=3.751ft Hev= .00ft
571.10	80.09	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.576ft	HL=3.850ft Hev= .00ft
571.20	81.12	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.617ft	HL=3.950ft Hev= .00ft
571.30	82.14	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.658ft	HL=4.050ft Hev= .00ft
571.40	83.15	567.25	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.699ft	HL=4.150ft Hev= .00ft

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Type... Individual Outlet Curves  
 Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device

Q

Tail Water

Notes

asbuilt basin 1 2 and 4.txt

WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
571.50	84.14	567.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.740ft	HL=4.249ft	Hev=.00ft
571.60	85.12	567.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.781ft	HL=4.349ft	Hev=.00ft
571.70	86.11	567.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.822ft	HL=4.451ft	Hev=.00ft
571.80	87.06	567.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.863ft	HL=4.550ft	Hev=.00ft
571.90	88.01	567.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.903ft	HL=4.649ft	Hev=.00ft
572.00	88.96	567.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.945ft	HL=4.750ft	Hev=.00ft
572.10	89.89	567.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.986ft	HL=4.850ft	Hev=.00ft
572.20	90.81	567.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.027ft	HL=4.950ft	Hev=.00ft
572.30	91.72	567.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.067ft	HL=5.050ft	Hev=.00ft
572.40	92.62	567.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.108ft	HL=5.150ft	Hev=.00ft
572.50	93.52	567.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.150ft	HL=5.250ft	Hev=.00ft
572.60	94.41	567.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.190ft	HL=5.350ft	Hev=.00ft
572.70	95.28	567.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.231ft	HL=5.450ft	Hev=.00ft
572.80	96.16	567.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.272ft	HL=5.550ft	Hev=.00ft
572.90	97.02	567.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.313ft	HL=5.651ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
573.00	97.87	567.25	.000	

asbuilt basin 1 2 and 4.txt

573.10	98.71	567.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.354ft	HL=5.749ft	Hev= .00ft
573.20	99.56	567.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.395ft	HL=5.849ft	Hev= .00ft
573.30	100.39	567.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.436ft	HL=5.950ft	Hev= .00ft
573.40	101.22	567.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.477ft	HL=6.050ft	Hev= .00ft
573.50	102.04	567.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.518ft	HL=6.150ft	Hev= .00ft
573.60	102.86	567.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.559ft	HL=6.250ft	Hev= .00ft
573.70	103.67	567.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.600ft	HL=6.350ft	Hev= .00ft
573.80	104.46	567.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.641ft	HL=6.451ft	Hev= .00ft
573.90	105.25	567.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.682ft	HL=6.550ft	Hev= .00ft
574.00	106.04	567.25	.000	FULL FLOW... Lfull=70.01ft	Vh=2.722ft	HL=6.650ft	Hev= .00ft
				FULL FLOW... Lfull=70.01ft	Vh=2.763ft	HL=6.750ft	Hev= .00ft

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev. ft	Converge +/-ft	Computati on Messages		
565.00	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev= .00ft
565.10	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev= .00ft
565.20	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev= .00ft
565.25	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev= .00ft
565.30	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev= .00ft
565.40	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev= .00ft
565.50	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev= .00ft
565.60	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev= .00ft

asbuilt basin 1 2 and 4.txt

565.70	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.75	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.80	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.90	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.00	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.10	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.20	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.25	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.30	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
566.40	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.50	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.60	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.70	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.75	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.80	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.90	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.00	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.10	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.20	-.00	567.25	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft

asbuilt basin 1 2 and 4.txt

567.25 .00 567.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 567.30 .00 567.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 567.40 .00 567.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 567.50 .00 567.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 567.60 .00 567.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 567.70 .00 567.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 567.75 .00 567.25 .000  
 Upstream HW & DNstream TW < Inv. EI

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
567.80	.00	567.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
567.90	.00	567.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.00	.00	567.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.10	.00	567.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.20	.00	567.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.25	.00	567.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.30	.00	567.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.40	.00	567.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.50	.00	567.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.60	.00	567.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.70	.00	567.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.75	.00	567.25	.000	
		Upstream HW & DNstream TW < Inv. EI		

asbuilt basin 1 2 and 4.txt

568.80 .00 567.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 568.90 .00 567.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 569.00 .00 567.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 569.10 .00 567.25 .000  
 Upstream HW & DNstream TW < Inv. EI  
 569.20 .00 567.25 .000  
 Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves  
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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft
Computati on Messages		
569.25	.00	567.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.30	.00	567.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.40	.00	567.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.50	.00	567.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.60	.00	567.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.70	.00	567.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.75	.00	567.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.80	.00	567.25 .000
		Upstream HW & DNstream TW < Inv. EI
569.90	.00	567.25 .000
		Upstream HW & DNstream TW < Inv. EI
570.00	.00	567.25 .000
		Upstream HW & DNstream TW < Inv. EI
570.10	.00	567.25 .000
		Upstream HW & DNstream TW < Inv. EI
570.20	.00	567.25 .000
		Upstream HW & DNstream TW < Inv. EI
570.30	.04	567.25 .000
		CRIT. DEPTH CONTROL Vh= .042ft Dcr= .125ft H. JUMP IN PIPE Hev=
.00ft		
570.40	.18	567.25 .000

asbuilt basin 1 2 and 4.txt

.00ft  
 570.50 .38 567.25 .000  
 CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=  
 .00ft  
 570.60 .57 567.25 .000  
 CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft CRIT. DEPTH Hev=  
 .00ft  
 570.70 .88 567.25 .000  
 CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft CRIT. DEPTH Hev=  
 .00ft

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Type... Individual Outlet Curves

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft
-----		
570.80	1.23	567.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .136ft Dcr= .390ft CRIT. DEPTH Hev=
570.90	1.62	567.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .154ft Dcr= .437ft CRIT. DEPTH Hev=
571.00	2.01	567.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .177ft Dcr= .500ft CRIT. DEPTH Hev=
571.10	2.52	567.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .195ft Dcr= .547ft CRIT. DEPTH Hev=
571.20	3.13	567.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .220ft Dcr= .609ft CRIT. DEPTH Hev=
571.30	3.76	567.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .245ft Dcr= .672ft CRIT. DEPTH Hev=
571.40	4.42	567.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .271ft Dcr= .734ft CRIT. DEPTH Hev=
571.50	4.97	567.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .291ft Dcr= .781ft CRIT. DEPTH Hev=
571.60	5.90	567.25 .000
.00ft		CRIT. DEPTH CONTROL Vh= .322ft Dcr= .851ft CRIT. DEPTH Hev=



asbuilt basin 1 2 and 4.txt

571.70 .00ft	6.54	567.25	.000	CRI T. DEPTH CONTROL	Vh= .351ft	Dcr= .914ft	CRI T. DEPTH Hev=
571.80 .00ft	7.40	567.25	.000	CRI T. DEPTH CONTROL	Vh= .377ft	Dcr= .968ft	CRI T. DEPTH Hev=
571.90 .00ft	8.18	567.25	.000	CRI T. DEPTH CONTROL	Vh= .404ft	Dcr= 1.023ft	CRI T. DEPTH Hev=
572.00 .00ft	9.04	567.25	.000	CRI T. DEPTH CONTROL	Vh= .429ft	Dcr= 1.070ft	CRI T. DEPTH Hev=
572.10 .00ft	9.81	567.25	.000	CRI T. DEPTH CONTROL	Vh= .454ft	Dcr= 1.117ft	CRI T. DEPTH Hev=
572.20 .00ft	10.77	567.25	.000	CRI T. DEPTH CONTROL	Vh= .485ft	Dcr= 1.171ft	CRI T. DEPTH Hev=
572.30 .00ft	11.58	567.25	.000	CRI T. DEPTH CONTROL	Vh= .513ft	Dcr= 1.218ft	CRI T. DEPTH Hev=
572.40 .00ft	12.43	567.25	.000	CRI T. DEPTH CONTROL	Vh= .548ft	Dcr= 1.273ft	CRI T. DEPTH Hev=

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
572.50 .00ft	13.41	567.25	.000
572.60 .00ft	14.27	567.25	.000
572.70 .00ft	15.16	567.25	.000
572.80 .00ft	16.11	567.25	.000
572.90 .00ft	17.06	567.25	.000

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asbuil t basin 1 2 and 4. txt

. 00ft	573. 00	17. 77	567. 25	. 000				
			CRI T. DEPTH CONTROL	Vh= . 753ft	Dcr= 1. 523ft	CRI T. DEPTH	Hev=	
. 00ft	573. 10	18. 71	567. 25	. 000				
			CRI T. DEPTH CONTROL	Vh= . 795ft	Dcr= 1. 562ft	CRI T. DEPTH	Hev=	
. 00ft	573. 20	19. 60	567. 25	. 000				
			CRI T. DEPTH CONTROL	Vh= . 828ft	Dcr= 1. 589ft	CRI T. DEPTH	Hev=	
. 00ft	573. 30	20. 41	567. 25	. 000				
			CRI T. DEPTH CONTROL	Vh= . 869ft	Dcr= 1. 620ft	CRI T. DEPTH	Hev=	
. 00ft	573. 40	21. 24	567. 25	. 000				
			CRI T. DEPTH CONTROL	Vh= . 908ft	Dcr= 1. 648ft	CRI T. DEPTH	Hev=	
. 00ft	573. 50	22. 07	567. 25	. 000				
			CRI T. DEPTH CONTROL	Vh= . 959ft	Dcr= 1. 679ft	CRI T. DEPTH	Hev=	
. 00ft	573. 60	22. 83	567. 25	. 000				
			CRI T. DEPTH CONTROL	Vh= 1. 001ft	Dcr= 1. 702ft	CRI T. DEPTH	Hev=	
. 00ft	573. 70	23. 61	567. 25	. 000				
			CRI T. DEPTH CONTROL	Vh= 1. 039ft	Dcr= 1. 722ft	CRI T. DEPTH	Hev=	
. 00ft	573. 80	24. 40	567. 25	. 000				
			CRI T. DEPTH CONTROL	Vh= 1. 090ft	Dcr= 1. 745ft	CRI T. DEPTH	Hev=	
. 00ft	573. 90	25. 15	567. 25	. 000				
			CRI T. DEPTH CONTROL	Vh= 1. 138ft	Dcr= 1. 765ft	CRI T. DEPTH	Hev=	
. 00ft	574. 00	25. 79	567. 25	. 000				
			CRI T. DEPTH CONTROL	Vh= 1. 192ft	Dcr= 1. 784ft	CRI T. DEPTH	Hev=	
. 00ft								

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39. 82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes
WS Elev.	Q	TW Elev	Converge
ft	cfs	ft	+/-ft
			Computati on Messages

asbuilt basin 1 2 and 4.txt

565.00	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft	Hev=.00ft
565.10	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft	Hev=.00ft
565.20	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft	Hev=.00ft
565.25	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft	Hev=.00ft
565.30	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft	Hev=.00ft
565.40	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft	Hev=.00ft
565.50	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft	Hev=.00ft
565.60	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft	Hev=.00ft
565.70	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft	Hev=.00ft
565.75	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft	Hev=.00ft
565.80	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft	Hev=.00ft
565.90	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft	Hev=.00ft
566.00	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft	Hev=.00ft
566.10	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft	Hev=.00ft
566.20	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
566.25	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft Hev=.00ft
566.30	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft Hev=.00ft
566.40	-34.40	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft Hev=.00ft

asbuilt basin 1 2 and 4.txt

566.50	-34.38	567.50	.000	REVERSE FULL: Lfull=43.50ft	Vh=.291ft	HL=.629ft	Hev=.00ft
566.60	-34.00	567.50	.000	REVERSE FULL: Lfull=43.56ft	Vh=.290ft	HL=.628ft	Hev=.00ft
566.70	-33.19	567.50	.000	REVERSE FULL: Lfull=44.35ft	Vh=.284ft	HL=.617ft	Hev=.00ft
566.75	-32.64	567.50	.000	REVERSE FULL: Lfull=45.99ft	Vh=.271ft	HL=.592ft	Hev=.00ft
566.80	-32.00	567.50	.000	REVERSE FULL: Lfull=47.18ft	Vh=.262ft	HL=.576ft	Hev=.00ft
566.90	-30.33	567.50	.000	REVERSE FULL: Lfull=48.56ft	Vh=.252ft	HL=.557ft	Hev=.00ft
567.00	-28.18	567.50	.000	REVERSE FULL: Lfull=51.92ft	Vh=.226ft	HL=.509ft	Hev=.00ft
567.10	-25.56	567.50	.000	REVERSE FULL: Lfull=56.15ft	Vh=.195ft	HL=.448ft	Hev=.00ft
567.20	-22.32	567.50	.000	REVERSE FULL: Lfull=61.13ft	Vh=.161ft	HL=.377ft	Hev=.00ft
567.25	-20.41	567.50	.000	REVERSE FULL: Lfull=66.87ft	Vh=.122ft	HL=.295ft	Hev=.00ft
567.30	-18.22	567.50	.000	REVERSE FULL: Lfull=70.01ft	Vh=.102ft	HL=.250ft	Hev=.00ft
567.40	-12.97	567.50	.000	REVERSE FULL: Lfull=70.01ft	Vh=.082ft	HL=.199ft	Hev=.00ft
				REVERSE FULL: Lfull=70.01ft	Vh=.041ft	HL=.101ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
567.50	.00	567.50	.000			
		HW = TW elev				
567.60	12.85	567.50	.000			
		FULL FLOW... Lfull=70.01ft Vh=.041ft HL=.099ft Hev=.00ft				
567.70	18.25	567.50	.000			
		FULL FLOW... Lfull=70.01ft Vh=.082ft HL=.200ft Hev=.00ft				
567.75	20.38	567.50	.000			
		FULL FLOW... Lfull=70.01ft Vh=.102ft HL=.249ft Hev=.00ft				
567.80	22.36	567.50	.000			
		FULL FLOW... Lfull=70.01ft Vh=.123ft HL=.300ft Hev=.00ft				

asbuilt basin 1 2 and 4.txt

567.90	25.83	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.164ft	HL=.400ft	Hev=.00ft
568.00	28.86	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.205ft	HL=.500ft	Hev=.00ft
568.10	31.63	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.246ft	HL=.600ft	Hev=.00ft
568.20	34.14	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.287ft	HL=.700ft	Hev=.00ft
568.25	35.34	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.307ft	HL=.750ft	Hev=.00ft
568.30	36.49	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.327ft	HL=.799ft	Hev=.00ft
568.40	38.71	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.368ft	HL=.900ft	Hev=.00ft
568.50	40.83	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.410ft	HL=1.001ft	Hev=.00ft
568.60	42.79	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.450ft	HL=1.099ft	Hev=.00ft
568.70	44.73	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.492ft	HL=1.201ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
568.75	45.62	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.511ft	HL=1.249ft Hev=.00ft
568.80	46.55	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.533ft	HL=1.301ft Hev=.00ft
568.90	48.28	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.573ft	HL=1.399ft Hev=.00ft
569.00	50.00	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.614ft	HL=1.501ft Hev=.00ft
569.10	51.64	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.655ft	HL=1.600ft Hev=.00ft
569.20	53.20	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.696ft	HL=1.699ft Hev=.00ft
569.25	54.00	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.717ft	HL=1.750ft Hev=.00ft
569.30	54.76	567.50	.000			

asbuilt basin 1 2 and 4.txt

569.40	56.26	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.737ft	HL=1.800ft	Hev=.00ft
569.50	57.72	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.778ft	HL=1.900ft	Hev=.00ft
569.60	59.15	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.819ft	HL=2.000ft	Hev=.00ft
569.70	60.55	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.860ft	HL=2.100ft	Hev=.00ft
569.75	61.22	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.901ft	HL=2.201ft	Hev=.00ft
569.80	61.89	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.921ft	HL=2.250ft	Hev=.00ft
569.90	63.24	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.941ft	HL=2.299ft	Hev=.00ft
				FULL FLOW... Lfull=70.01ft	Vh=.983ft	HL=2.401ft	Hev=.00ft

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Type... Individual Outlet Curves  
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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
Computati on Messages			
570.00	64.53	567.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=1.023ft HL=2.499ft Hev=.00ft
570.10	65.82	567.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=1.065ft HL=2.601ft Hev=.00ft
570.20	67.07	567.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=1.105ft HL=2.700ft Hev=.00ft
570.30	68.30	567.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=1.146ft HL=2.800ft Hev=.00ft
570.40	69.50	567.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=1.187ft HL=2.900ft Hev=.00ft
570.50	70.69	567.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=1.228ft HL=3.000ft Hev=.00ft
570.60	71.87	567.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=1.269ft HL=3.101ft Hev=.00ft
570.70	73.02	567.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=1.310ft HL=3.201ft Hev=.00ft
570.80	74.14	567.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=1.351ft HL=3.300ft Hev=.00ft
570.90	75.25	567.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=1.392ft HL=3.399ft Hev=.00ft

asbuilt basin 1 2 and 4.txt

571.00	76.35	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.433ft	HL=3.499ft	Hev=.00ft
571.10	77.43	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.473ft	HL=3.599ft	Hev=.00ft
571.20	78.51	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.515ft	HL=3.700ft	Hev=.00ft
571.30	79.57	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.556ft	HL=3.800ft	Hev=.00ft
571.40	80.60	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.597ft	HL=3.900ft	Hev=.00ft

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Type... Individual Outlet Curves  
Name... Outlet 3

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4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev. ft	Converge +/-ft	Computati on Messages		
571.50	81.63	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.638ft	HL=4.000ft Hev=.00ft
571.60	82.64	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.678ft	HL=4.100ft Hev=.00ft
571.70	83.65	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.720ft	HL=4.201ft Hev=.00ft
571.80	84.63	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.760ft	HL=4.300ft Hev=.00ft
571.90	85.61	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.801ft	HL=4.399ft Hev=.00ft
572.00	86.59	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.842ft	HL=4.500ft Hev=.00ft
572.10	87.53	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.883ft	HL=4.599ft Hev=.00ft
572.20	88.49	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.924ft	HL=4.700ft Hev=.00ft
572.30	89.42	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.965ft	HL=4.799ft Hev=.00ft
572.40	90.35	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.006ft	HL=4.900ft Hev=.00ft
572.50	91.26	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.047ft	HL=4.999ft Hev=.00ft
572.60	92.18	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.088ft	HL=5.101ft Hev=.00ft
572.70	93.07	567.50	.000			

asbuilt basin 1 2 and 4.txt

572.80	93.96	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.129ft	HL=5.200ft	Hev= .00ft
572.90	94.85	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.170ft	HL=5.300ft	Hev= .00ft
		567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.211ft	HL=5.400ft	Hev= .00ft

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Type... Individual Outlet Curves  
Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages			
573.00	95.72	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.252ft	HL=5.500ft	Hev= .00ft
573.10	96.59	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.293ft	HL=5.600ft	Hev= .00ft
573.20	97.45	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.334ft	HL=5.701ft	Hev= .00ft
573.30	98.29	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.374ft	HL=5.799ft	Hev= .00ft
573.40	99.15	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.416ft	HL=5.901ft	Hev= .00ft
573.50	99.98	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.456ft	HL=6.000ft	Hev= .00ft
573.60	100.81	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.498ft	HL=6.101ft	Hev= .00ft
573.70	101.62	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.538ft	HL=6.199ft	Hev= .00ft
573.80	102.45	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.579ft	HL=6.300ft	Hev= .00ft
573.90	103.25	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.620ft	HL=6.400ft	Hev= .00ft
574.00	104.06	567.50	.000	FULL FLOW... Lfull=70.01ft	Vh=2.661ft	HL=6.500ft	Hev= .00ft

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Type... Individual Outlet Curves  
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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
565.00	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.10	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.20	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.25	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.30	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.40	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.50	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.60	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.70	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.75	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.80	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.90	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.00	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.10	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.20	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.25	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.30	-.00	567.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft

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Type . . . Individual Outlet Curves  
 Name . . . Outlet 3

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asbuilt basin 1 2 and 4.txt  
 RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev. ft
		Converge +/-ft
Computati on Messages		
566.40	-.00	567.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.50	-.00	567.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.60	-.00	567.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.70	-.00	567.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.75	-.00	567.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.80	-.00	567.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.90	-.00	567.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.00	-.00	567.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.10	-.00	567.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.20	-.00	567.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.25	-.00	567.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.30	-.00	567.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.40	-.00	567.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.50	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
567.60	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
567.70	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
567.75	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves  
 Name... Outlet 3

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

asbuilt basin 1 2 and 4.txt  
 Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft
		Converge +/-ft
		Computati on Messages
567.80	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
567.90	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.00	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.10	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.20	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.25	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.30	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.40	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.50	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.60	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.70	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.75	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.80	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
568.90	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.00	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.10	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI
569.20	.00	567.50 .000
		Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves

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Name... Outlet 3

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

asbuilt basin 1 2 and 4.txt

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
569.25	.00	567.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.30	.00	567.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.40	.00	567.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.50	.00	567.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.60	.00	567.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.70	.00	567.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.75	.00	567.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.80	.00	567.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.90	.00	567.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
570.00	.00	567.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
570.10	.00	567.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
570.20	.00	567.50	.000	
		Upstream HW & DNstream TW < Inv. EI		
570.30	.04	567.50	.000	
.00ft		CRIT. DEPTH CONTROL Vh= .042ft Dcr= .125ft H. JUMP IN PIPE Hev=		
570.40	.18	567.50	.000	
.00ft		CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=		
570.50	.38	567.50	.000	
.00ft		CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=		
570.60	.57	567.50	.000	
.00ft		CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft H. JUMP IN PIPE Hev=		
570.70	.88	567.50	.000	
.00ft		CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft H. JUMP IN PIPE Hev=		

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

asbuilt basin 1 2 and 4.txt

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
570.80	1.23	567.50	.000	Vh= .136ft	Dcr= .390ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
570.90	1.62	567.50	.000	Vh= .154ft	Dcr= .437ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.00	2.01	567.50	.000	Vh= .177ft	Dcr= .500ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.10	2.52	567.50	.000	Vh= .195ft	Dcr= .547ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.20	3.13	567.50	.000	Vh= .220ft	Dcr= .609ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.30	3.76	567.50	.000	Vh= .245ft	Dcr= .672ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.40	4.42	567.50	.000	Vh= .271ft	Dcr= .734ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.50	4.97	567.50	.000	Vh= .291ft	Dcr= .781ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.60	5.90	567.50	.000	Vh= .322ft	Dcr= .851ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.70	6.54	567.50	.000	Vh= .351ft	Dcr= .914ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.80	7.40	567.50	.000	Vh= .377ft	Dcr= .968ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
571.90	8.18	567.50	.000	Vh= .404ft	Dcr= 1.023ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.00	9.04	567.50	.000	Vh= .429ft	Dcr= 1.070ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.10	9.81	567.50	.000	Vh= .454ft	Dcr= 1.117ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.20	10.77	567.50	.000	Vh= .485ft	Dcr= 1.171ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.30	11.58	567.50	.000	Vh= .513ft	Dcr= 1.218ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.40	12.43	567.50	.000	Vh= .548ft	Dcr= 1.273ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Converge	Notes		
WS Elev. ft	Q cfs	TW Elev ft	+/-ft	Computati on Messages		
572.50	13.41	567.50	.000	Vh= .580ft	Dcr= 1.320ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.60	14.27	567.50	.000	Vh= .615ft	Dcr= 1.367ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.70	15.16	567.50	.000	Vh= .645ft	Dcr= 1.406ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.80	16.11	567.50	.000	Vh= .685ft	Dcr= 1.452ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
572.90	17.06	567.50	.000	Vh= .714ft	Dcr= 1.484ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.00	17.77	567.50	.000	Vh= .753ft	Dcr= 1.523ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.10	18.71	567.50	.000	Vh= .795ft	Dcr= 1.562ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.20	19.60	567.50	.000	Vh= .828ft	Dcr= 1.589ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.30	20.41	567.50	.000	Vh= .869ft	Dcr= 1.620ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.40	21.24	567.50	.000	Vh= .908ft	Dcr= 1.648ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.50	22.07	567.50	.000	Vh= .959ft	Dcr= 1.679ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.60	22.83	567.50	.000	Vh= 1.001ft	Dcr= 1.702ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.70	23.61	567.50	.000	Vh= 1.039ft	Dcr= 1.722ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.80	24.40	567.50	.000	Vh= 1.090ft	Dcr= 1.745ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
573.90	25.15	567.50	.000			

asbuilt basin 1 2 and 4.txt

.00ft  
 574.00 25.79 567.50 .000  
 CRIT. DEPTH CONTROL Vh= 1.138ft Dcr= 1.765ft CRIT. DEPTH Hev=  
 .00ft  
 CRIT. DEPTH CONTROL Vh= 1.192ft Dcr= 1.784ft CRIT. DEPTH Hev=

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
565.00	-38.48	567.75	.000		
			REVERSE FULL: Lfull=48.61ft	Vh=.364ft	HL=.806ft Hev=.00ft
565.10	-38.48	567.75	.000		
			REVERSE FULL: Lfull=48.61ft	Vh=.364ft	HL=.806ft Hev=.00ft
565.20	-38.48	567.75	.000		
			REVERSE FULL: Lfull=48.61ft	Vh=.364ft	HL=.806ft Hev=.00ft
565.25	-38.48	567.75	.000		
			REVERSE FULL: Lfull=48.61ft	Vh=.364ft	HL=.806ft Hev=.00ft
565.30	-38.48	567.75	.000		
			REVERSE FULL: Lfull=48.61ft	Vh=.364ft	HL=.806ft Hev=.00ft
565.40	-38.48	567.75	.000		
			REVERSE FULL: Lfull=48.61ft	Vh=.364ft	HL=.806ft Hev=.00ft
565.50	-38.48	567.75	.000		
			REVERSE FULL: Lfull=48.61ft	Vh=.364ft	HL=.806ft Hev=.00ft
565.60	-38.48	567.75	.000		
			REVERSE FULL: Lfull=48.61ft	Vh=.364ft	HL=.806ft Hev=.00ft
565.70	-38.48	567.75	.000		
			REVERSE FULL: Lfull=48.61ft	Vh=.364ft	HL=.806ft Hev=.00ft
565.75	-38.48	567.75	.000		
			REVERSE FULL: Lfull=48.61ft	Vh=.364ft	HL=.806ft Hev=.00ft
565.80	-38.48	567.75	.000		
			REVERSE FULL: Lfull=48.61ft	Vh=.364ft	HL=.806ft Hev=.00ft
565.90	-38.48	567.75	.000		
			REVERSE FULL: Lfull=48.61ft	Vh=.364ft	HL=.806ft Hev=.00ft
566.00	-38.48	567.75	.000		
			REVERSE FULL: Lfull=48.61ft	Vh=.364ft	HL=.806ft Hev=.00ft
566.10	-38.48	567.75	.000		
			REVERSE FULL: Lfull=48.61ft	Vh=.364ft	HL=.806ft Hev=.00ft
566.20	-38.48	567.75	.000		

asbuilt basin 1 2 and 4.txt  
 REVERSE FULL: Lfull=48.61ft Vh=.364ft HL=.806ft Hev=.00ft

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♀ Type . . . Individual Outlet Curves Page 15.252  
 Name . . . Outlet 3

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)  
 -----  
 Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)  
 -----  
 NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
566.25	-38.48	567.75	.000
		REVERSE FULL: Lfull=48.61ft Vh=.364ft HL=.806ft Hev=.00ft	
566.30	-38.48	567.75	.000
		REVERSE FULL: Lfull=48.61ft Vh=.364ft HL=.806ft Hev=.00ft	
566.40	-38.48	567.75	.000
		REVERSE FULL: Lfull=48.61ft Vh=.364ft HL=.806ft Hev=.00ft	
566.50	-38.48	567.75	.000
		REVERSE FULL: Lfull=48.61ft Vh=.364ft HL=.806ft Hev=.00ft	
566.60	-38.43	567.75	.000
		REVERSE FULL: Lfull=48.74ft Vh=.363ft HL=.805ft Hev=.00ft	
566.70	-38.00	567.75	.000
		REVERSE FULL: Lfull=49.65ft Vh=.355ft HL=.790ft Hev=.00ft	
566.75	-37.67	567.75	.000
		REVERSE FULL: Lfull=50.42ft Vh=.349ft HL=.779ft Hev=.00ft	
566.80	-37.24	567.75	.000
		REVERSE FULL: Lfull=51.45ft Vh=.341ft HL=.765ft Hev=.00ft	
566.90	-36.05	567.75	.000
		REVERSE FULL: Lfull=54.13ft Vh=.319ft HL=.726ft Hev=.00ft	
567.00	-34.52	567.75	.000
		REVERSE FULL: Lfull=57.67ft Vh=.293ft HL=.677ft Hev=.00ft	
567.10	-32.57	567.75	.000
		REVERSE FULL: Lfull=61.99ft Vh=.261ft HL=.615ft Hev=.00ft	
567.20	-30.23	567.75	.000
		REVERSE FULL: Lfull=67.14ft Vh=.225ft HL=.542ft Hev=.00ft	
567.25	-28.85	567.75	.000
		REVERSE FULL: Lfull=70.01ft Vh=.205ft HL=.500ft Hev=.00ft	
567.30	-27.37	567.75	.000
		REVERSE FULL: Lfull=70.01ft Vh=.184ft HL=.450ft Hev=.00ft	
567.40	-24.13	567.75	.000
		REVERSE FULL: Lfull=70.01ft Vh=.143ft HL=.349ft Hev=.00ft	

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
567.50	-20.41	567.75	.000	
				REVERSE FULL: Lfull=70.01ft Vh=.102ft HL=.250ft Hev=.00ft
567.60	-15.83	567.75	.000	
				REVERSE FULL: Lfull=70.01ft Vh=.062ft HL=.150ft Hev=.00ft
567.70	-9.16	567.75	.000	
				REVERSE FULL: Lfull=70.01ft Vh=.021ft HL=.050ft Hev=.00ft
567.75	.00	567.75	.000	
				HW = TW elev
567.80	9.12	567.75	.000	
				FULL FLOW. . . Lfull=70.01ft Vh=.020ft HL=.050ft Hev=.00ft
567.90	15.79	567.75	.000	
				FULL FLOW. . . Lfull=70.01ft Vh=.061ft HL=.150ft Hev=.00ft
568.00	20.42	567.75	.000	
				FULL FLOW. . . Lfull=70.01ft Vh=.102ft HL=.250ft Hev=.00ft
568.10	24.16	567.75	.000	
				FULL FLOW. . . Lfull=70.01ft Vh=.143ft HL=.350ft Hev=.00ft
568.20	27.39	567.75	.000	
				FULL FLOW. . . Lfull=70.01ft Vh=.184ft HL=.450ft Hev=.00ft
568.25	28.89	567.75	.000	
				FULL FLOW. . . Lfull=70.01ft Vh=.205ft HL=.501ft Hev=.00ft
568.30	30.30	567.75	.000	
				FULL FLOW. . . Lfull=70.01ft Vh=.226ft HL=.551ft Hev=.00ft
568.40	32.91	567.75	.000	
				FULL FLOW. . . Lfull=70.01ft Vh=.266ft HL=.650ft Hev=.00ft
568.50	35.33	567.75	.000	
				FULL FLOW. . . Lfull=70.01ft Vh=.307ft HL=.749ft Hev=.00ft
568.60	37.62	567.75	.000	
				FULL FLOW. . . Lfull=70.01ft Vh=.348ft HL=.850ft Hev=.00ft
568.70	39.78	567.75	.000	
				FULL FLOW. . . Lfull=70.01ft Vh=.389ft HL=.950ft Hev=.00ft

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 4. PPW

asbuilt basin 1 2 and 4.txt

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
568.75	40.82	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.409ft	HL=1.000ft	Hev=.00ft
568.80	41.83	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.430ft	HL=1.050ft	Hev=.00ft
568.90	43.79	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.471ft	HL=1.151ft	Hev=.00ft
569.00	45.62	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.512ft	HL=1.249ft	Hev=.00ft
569.10	47.41	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.552ft	HL=1.349ft	Hev=.00ft
569.20	49.15	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.594ft	HL=1.450ft	Hev=.00ft
569.25	49.97	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.614ft	HL=1.499ft	Hev=.00ft
569.30	50.82	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.635ft	HL=1.551ft	Hev=.00ft
569.40	52.44	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.676ft	HL=1.651ft	Hev=.00ft
569.50	53.99	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.716ft	HL=1.750ft	Hev=.00ft
569.60	55.50	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.757ft	HL=1.849ft	Hev=.00ft
569.70	56.98	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.798ft	HL=1.949ft	Hev=.00ft
569.75	57.72	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.819ft	HL=2.000ft	Hev=.00ft
569.80	58.44	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.839ft	HL=2.050ft	Hev=.00ft
569.90	59.84	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.880ft	HL=2.149ft	Hev=.00ft

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

asbuilt basin 1 2 and 4.txt

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft
Computati on Messages		
570.00	61.22	567.75 .000
		FULL FLOW... Lfull=70.01ft Vh=.921ft HL=2.250ft Hev=.00ft
570.10	62.57	567.75 .000
		FULL FLOW... Lfull=70.01ft Vh=.962ft HL=2.350ft Hev=.00ft
570.20	63.89	567.75 .000
		FULL FLOW... Lfull=70.01ft Vh=1.003ft HL=2.450ft Hev=.00ft
570.30	65.17	567.75 .000
		FULL FLOW... Lfull=70.01ft Vh=1.044ft HL=2.550ft Hev=.00ft
570.40	66.44	567.75 .000
		FULL FLOW... Lfull=70.01ft Vh=1.085ft HL=2.650ft Hev=.00ft
570.50	67.70	567.75 .000
		FULL FLOW... Lfull=70.01ft Vh=1.126ft HL=2.751ft Hev=.00ft
570.60	68.90	567.75 .000
		FULL FLOW... Lfull=70.01ft Vh=1.167ft HL=2.850ft Hev=.00ft
570.70	70.11	567.75 .000
		FULL FLOW... Lfull=70.01ft Vh=1.208ft HL=2.951ft Hev=.00ft
570.80	71.28	567.75 .000
		FULL FLOW... Lfull=70.01ft Vh=1.249ft HL=3.050ft Hev=.00ft
570.90	72.43	567.75 .000
		FULL FLOW... Lfull=70.01ft Vh=1.289ft HL=3.149ft Hev=.00ft
571.00	73.59	567.75 .000
		FULL FLOW... Lfull=70.01ft Vh=1.331ft HL=3.250ft Hev=.00ft
571.10	74.71	567.75 .000
		FULL FLOW... Lfull=70.01ft Vh=1.372ft HL=3.350ft Hev=.00ft
571.20	75.81	567.75 .000
		FULL FLOW... Lfull=70.01ft Vh=1.412ft HL=3.450ft Hev=.00ft
571.30	76.90	567.75 .000
		FULL FLOW... Lfull=70.01ft Vh=1.453ft HL=3.550ft Hev=.00ft
571.40	77.98	567.75 .000
		FULL FLOW... Lfull=70.01ft Vh=1.494ft HL=3.650ft Hev=.00ft

S/N:  
 PondPack Ver: Compute Time: Date:

Type... Individual Outlet Curves Page 15.256  
 Name... Outlet 3

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

asbuilt basin 1 2 and 4.txt  
 NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
571.50	79.03	567.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.535ft	HL=3.750ft Hev= .00ft
571.60	80.09	567.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.576ft	HL=3.850ft Hev= .00ft
571.70	81.13	567.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.617ft	HL=3.951ft Hev= .00ft
571.80	82.13	567.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.658ft	HL=4.049ft Hev= .00ft
571.90	83.15	567.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.699ft	HL=4.150ft Hev= .00ft
572.00	84.14	567.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.740ft	HL=4.250ft Hev= .00ft
572.10	85.13	567.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.781ft	HL=4.350ft Hev= .00ft
572.20	86.10	567.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.822ft	HL=4.450ft Hev= .00ft
572.30	87.06	567.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.863ft	HL=4.550ft Hev= .00ft
572.40	88.01	567.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.904ft	HL=4.650ft Hev= .00ft
572.50	88.96	567.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.945ft	HL=4.750ft Hev= .00ft
572.60	89.88	567.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.985ft	HL=4.850ft Hev= .00ft
572.70	90.80	567.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.026ft	HL=4.949ft Hev= .00ft
572.80	91.72	567.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.068ft	HL=5.050ft Hev= .00ft
572.90	92.62	567.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.108ft	HL=5.150ft Hev= .00ft

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Type... Individual Outlet Curves  
 Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q

Tail Water

Notes

asbuilt basin 1 2 and 4.txt

WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
573.00	93.51	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.149ft	HL=5.249ft	Hev=.00ft
573.10	94.40	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.190ft	HL=5.349ft	Hev=.00ft
573.20	95.29	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.231ft	HL=5.450ft	Hev=.00ft
573.30	96.15	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.272ft	HL=5.549ft	Hev=.00ft
573.40	97.02	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.313ft	HL=5.650ft	Hev=.00ft
573.50	97.88	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.354ft	HL=5.751ft	Hev=.00ft
573.60	98.73	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.395ft	HL=5.851ft	Hev=.00ft
573.70	99.57	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.436ft	HL=5.951ft	Hev=.00ft
573.80	100.39	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.477ft	HL=6.050ft	Hev=.00ft
573.90	101.23	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.518ft	HL=6.151ft	Hev=.00ft
574.00	102.03	567.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.558ft	HL=6.249ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
565.00	-.00	567.75	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.10	-.00	567.75	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.20	-.00	567.75	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.25	-.00	567.75	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.30	-.00	567.75	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.40	-.00	567.75	.000			

asbuilt basin 1 2 and 4.txt

565.50	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.60	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.70	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.75	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.80	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.90	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.00	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.10	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.20	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.25	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.30	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

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Type... Individual Outlet Curves  
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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
566.40	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.50	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.60	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.70	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.75	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.80	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.90	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.00	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft

asbuilt basin 1 2 and 4.txt

567.10	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.20	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.25	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.30	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.40	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.50	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.60	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.70	-.00	567.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
567.75	.00	567.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft

Upstream HW & DNstream TW < Inv. EI

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 † Type... Individual Outlet Curves                      Page 15.260  
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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev. ft	Converge +/-ft	Computati on Messages
567.80	.00	567.75	.000	
567.90	.00	567.75	.000	Upstream HW & DNstream TW < Inv. EI
568.00	.00	567.75	.000	Upstream HW & DNstream TW < Inv. EI
568.10	.00	567.75	.000	Upstream HW & DNstream TW < Inv. EI
568.20	.00	567.75	.000	Upstream HW & DNstream TW < Inv. EI
568.25	.00	567.75	.000	Upstream HW & DNstream TW < Inv. EI
568.30	.00	567.75	.000	Upstream HW & DNstream TW < Inv. EI
568.40	.00	567.75	.000	Upstream HW & DNstream TW < Inv. EI
568.50	.00	567.75	.000	Upstream HW & DNstream TW < Inv. EI
568.60	.00	567.75	.000	Upstream HW & DNstream TW < Inv. EI

asbuilt basin 1 2 and 4.txt

568.70 .00 567.75 .000 Upstream HW & DNstream TW < Inv. EI  
 568.75 .00 567.75 .000 Upstream HW & DNstream TW < Inv. EI  
 568.80 .00 567.75 .000 Upstream HW & DNstream TW < Inv. EI  
 568.90 .00 567.75 .000 Upstream HW & DNstream TW < Inv. EI  
 569.00 .00 567.75 .000 Upstream HW & DNstream TW < Inv. EI  
 569.10 .00 567.75 .000 Upstream HW & DNstream TW < Inv. EI  
 569.20 .00 567.75 .000 Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves  
 Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft
Computati on Messages		
569.25	.00	567.75 .000
		Upstream HW & DNstream TW < Inv. EI
569.30	.00	567.75 .000
		Upstream HW & DNstream TW < Inv. EI
569.40	.00	567.75 .000
		Upstream HW & DNstream TW < Inv. EI
569.50	.00	567.75 .000
		Upstream HW & DNstream TW < Inv. EI
569.60	.00	567.75 .000
		Upstream HW & DNstream TW < Inv. EI
569.70	.00	567.75 .000
		Upstream HW & DNstream TW < Inv. EI
569.75	.00	567.75 .000
		Upstream HW & DNstream TW < Inv. EI
569.80	.00	567.75 .000
		Upstream HW & DNstream TW < Inv. EI
569.90	.00	567.75 .000
		Upstream HW & DNstream TW < Inv. EI
570.00	.00	567.75 .000
		Upstream HW & DNstream TW < Inv. EI
570.10	.00	567.75 .000
		Upstream HW & DNstream TW < Inv. EI
570.20	.00	567.75 .000



asbuilt basin 1 2 and 4.txt

Upstream HW & DNstream TW < Inv. EI

570.30	.04	567.75	.000	Vh= .042ft	Dcr= .125ft	H. JUMP IN PIPE Hev=
.00ft						
570.40	.18	567.75	.000	Vh= .064ft	Dcr= .187ft	H. JUMP IN PIPE Hev=
.00ft						
570.50	.38	567.75	.000	Vh= .064ft	Dcr= .187ft	H. JUMP IN PIPE Hev=
.00ft						
570.60	.57	567.75	.000	Vh= .097ft	Dcr= .281ft	H. JUMP IN PIPE Hev=
.00ft						
570.70	.88	567.75	.000	Vh= .108ft	Dcr= .312ft	H. JUMP IN PIPE Hev=
.00ft						

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
570.80	1.23	567.75	.000
.00ft			
570.90	1.62	567.75	.000
.00ft			
571.00	2.01	567.75	.000
.00ft			
571.10	2.52	567.75	.000
.00ft			
571.20	3.13	567.75	.000
.00ft			
571.30	3.76	567.75	.000
.00ft			
571.40	4.42	567.75	.000
.00ft			
571.50	4.97	567.75	.000

.00ft						
571.60	5.90	567.75	.000	CRI T. DEPTH CONTROL	Vh= .291ft Dcr= .781ft	CRI T. DEPTH Hev=
.00ft						
571.70	6.54	567.75	.000	CRI T. DEPTH CONTROL	Vh= .322ft Dcr= .851ft	CRI T. DEPTH Hev=
.00ft						
571.80	7.40	567.75	.000	CRI T. DEPTH CONTROL	Vh= .351ft Dcr= .914ft	CRI T. DEPTH Hev=
.00ft						
571.90	8.18	567.75	.000	CRI T. DEPTH CONTROL	Vh= .377ft Dcr= .968ft	CRI T. DEPTH Hev=
.00ft						
572.00	9.04	567.75	.000	CRI T. DEPTH CONTROL	Vh= .404ft Dcr= 1.023ft	CRI T. DEPTH Hev=
.00ft						
572.10	9.81	567.75	.000	CRI T. DEPTH CONTROL	Vh= .429ft Dcr= 1.070ft	CRI T. DEPTH Hev=
.00ft						
572.20	10.77	567.75	.000	CRI T. DEPTH CONTROL	Vh= .454ft Dcr= 1.117ft	CRI T. DEPTH Hev=
.00ft						
572.30	11.58	567.75	.000	CRI T. DEPTH CONTROL	Vh= .485ft Dcr= 1.171ft	CRI T. DEPTH Hev=
.00ft						
572.40	12.43	567.75	.000	CRI T. DEPTH CONTROL	Vh= .513ft Dcr= 1.218ft	CRI T. DEPTH Hev=
.00ft						
					Vh= .548ft Dcr= 1.273ft	CRI T. DEPTH Hev=

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Type . . . Individual Outlet Curves

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File . . . \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
572.50	13.41	567.75	.000			
.00ft						
572.60	14.27	567.75	.000	CRI T. DEPTH CONTROL	Vh= .580ft Dcr= 1.320ft	CRI T. DEPTH Hev=
.00ft						
572.70	15.16	567.75	.000	CRI T. DEPTH CONTROL	Vh= .615ft Dcr= 1.367ft	CRI T. DEPTH Hev=
.00ft						
					Vh= .645ft Dcr= 1.406ft	CRI T. DEPTH Hev=

asbuil t basin 1 2 and 4. txt

572. 80	16. 11	567. 75	. 000	Vh= . 685ft	Dcr= 1. 452ft	CRI T. DEPTH Hev=
. 00ft		CRI T. DEPTH CONTROL				
572. 90	17. 06	567. 75	. 000	Vh= . 714ft	Dcr= 1. 484ft	CRI T. DEPTH Hev=
. 00ft		CRI T. DEPTH CONTROL				
573. 00	17. 77	567. 75	. 000	Vh= . 753ft	Dcr= 1. 523ft	CRI T. DEPTH Hev=
. 00ft		CRI T. DEPTH CONTROL				
573. 10	18. 71	567. 75	. 000	Vh= . 795ft	Dcr= 1. 562ft	CRI T. DEPTH Hev=
. 00ft		CRI T. DEPTH CONTROL				
573. 20	19. 60	567. 75	. 000	Vh= . 828ft	Dcr= 1. 589ft	CRI T. DEPTH Hev=
. 00ft		CRI T. DEPTH CONTROL				
573. 30	20. 41	567. 75	. 000	Vh= . 869ft	Dcr= 1. 620ft	CRI T. DEPTH Hev=
. 00ft		CRI T. DEPTH CONTROL				
573. 40	21. 24	567. 75	. 000	Vh= . 908ft	Dcr= 1. 648ft	CRI T. DEPTH Hev=
. 00ft		CRI T. DEPTH CONTROL				
573. 50	22. 07	567. 75	. 000	Vh= . 959ft	Dcr= 1. 679ft	CRI T. DEPTH Hev=
. 00ft		CRI T. DEPTH CONTROL				
573. 60	22. 83	567. 75	. 000	Vh= 1. 001ft	Dcr= 1. 702ft	CRI T. DEPTH Hev=
. 00ft		CRI T. DEPTH CONTROL				
573. 70	23. 61	567. 75	. 000	Vh= 1. 039ft	Dcr= 1. 722ft	CRI T. DEPTH Hev=
. 00ft		CRI T. DEPTH CONTROL				
573. 80	24. 40	567. 75	. 000	Vh= 1. 090ft	Dcr= 1. 745ft	CRI T. DEPTH Hev=
. 00ft		CRI T. DEPTH CONTROL				
573. 90	25. 15	567. 75	. 000	Vh= 1. 138ft	Dcr= 1. 765ft	CRI T. DEPTH Hev=
. 00ft		CRI T. DEPTH CONTROL				
574. 00	25. 79	567. 75	. 000	Vh= 1. 192ft	Dcr= 1. 784ft	CRI T. DEPTH Hev=
. 00ft		CRI T. DEPTH CONTROL				

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Name. . . . Outlet 3

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
565.00	-42.39	568.00	.000			
				REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft Hev=.00ft
565.10	-42.39	568.00	.000			
				REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft Hev=.00ft
565.20	-42.39	568.00	.000			
				REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft Hev=.00ft
565.25	-42.39	568.00	.000			
				REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft Hev=.00ft
565.30	-42.39	568.00	.000			
				REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft Hev=.00ft
565.40	-42.39	568.00	.000			
				REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft Hev=.00ft
565.50	-42.39	568.00	.000			
				REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft Hev=.00ft
565.60	-42.39	568.00	.000			
				REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft Hev=.00ft
565.70	-42.39	568.00	.000			
				REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft Hev=.00ft
565.75	-42.39	568.00	.000			
				REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft Hev=.00ft
565.80	-42.39	568.00	.000			
				REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft Hev=.00ft
565.90	-42.39	568.00	.000			
				REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft Hev=.00ft
566.00	-42.39	568.00	.000			
				REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft Hev=.00ft
566.10	-42.39	568.00	.000			
				REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft Hev=.00ft
566.20	-42.39	568.00	.000			
				REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		

asbuilt basin 1 2 and 4.txt

566.25	-42.39	568.00	.000	REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft	Hev=.00ft
566.30	-42.39	568.00	.000	REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft	Hev=.00ft
566.40	-42.39	568.00	.000	REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft	Hev=.00ft
566.50	-42.39	568.00	.000	REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft	Hev=.00ft
566.60	-42.39	568.00	.000	REVERSE FULL: Lfull=52.68ft	Vh=.442ft	HL=.998ft	Hev=.00ft
566.70	-42.30	568.00	.000	REVERSE FULL: Lfull=52.92ft	Vh=.440ft	HL=.994ft	Hev=.00ft
566.75	-42.10	568.00	.000	REVERSE FULL: Lfull=53.40ft	Vh=.436ft	HL=.987ft	Hev=.00ft
566.80	-41.82	568.00	.000	REVERSE FULL: Lfull=54.10ft	Vh=.430ft	HL=.977ft	Hev=.00ft
566.90	-41.01	568.00	.000	REVERSE FULL: Lfull=56.16ft	Vh=.413ft	HL=.949ft	Hev=.00ft
567.00	-39.82	568.00	.000	REVERSE FULL: Lfull=59.04ft	Vh=.390ft	HL=.906ft	Hev=.00ft
567.10	-38.31	568.00	.000	REVERSE FULL: Lfull=62.76ft	Vh=.361ft	HL=.853ft	Hev=.00ft
567.20	-36.43	568.00	.000	REVERSE FULL: Lfull=67.38ft	Vh=.326ft	HL=.788ft	Hev=.00ft
567.25	-35.33	568.00	.000	REVERSE FULL: Lfull=70.01ft	Vh=.307ft	HL=.749ft	Hev=.00ft
567.30	-34.14	568.00	.000	REVERSE FULL: Lfull=70.01ft	Vh=.286ft	HL=.700ft	Hev=.00ft
567.40	-31.61	568.00	.000	REVERSE FULL: Lfull=70.01ft	Vh=.246ft	HL=.600ft	Hev=.00ft

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Compute Time:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
567.50	-28.85	568.00	.000	
			REVERSE FULL: Lfull=70.01ft	Vh=.205ft HL=.500ft Hev=.00ft
567.60	-25.84	568.00	.000	
			REVERSE FULL: Lfull=70.01ft	Vh=.164ft HL=.401ft Hev=.00ft
567.70	-22.36	568.00	.000	

asbuilt basin 1 2 and 4.txt

567.75	-20.41	568.00	.000	REVERSE FULL: Lfull=70.01ft	Vh=.123ft	HL=.300ft	Hev=.00ft
567.80	-18.22	568.00	.000	REVERSE FULL: Lfull=70.01ft	Vh=.102ft	HL=.250ft	Hev=.00ft
567.90	-12.97	568.00	.000	REVERSE FULL: Lfull=70.01ft	Vh=.082ft	HL=.199ft	Hev=.00ft
568.00	.00	568.00	.000	REVERSE FULL: Lfull=70.01ft	Vh=.041ft	HL=.101ft	Hev=.00ft
HW = TW elev							
568.10	12.87	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.041ft	HL=.099ft	Hev=.00ft
568.20	18.23	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.082ft	HL=.199ft	Hev=.00ft
568.25	20.44	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.103ft	HL=.251ft	Hev=.00ft
568.30	22.36	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.123ft	HL=.300ft	Hev=.00ft
568.40	25.79	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.163ft	HL=.399ft	Hev=.00ft
568.50	28.85	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.205ft	HL=.500ft	Hev=.00ft
568.60	31.64	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.246ft	HL=.601ft	Hev=.00ft
568.70	34.14	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.286ft	HL=.700ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes				
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages			
568.75	35.36	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.307ft	HL=.751ft	Hev=.00ft
568.80	36.51	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.328ft	HL=.800ft	Hev=.00ft
568.90	38.72	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.369ft	HL=.900ft	Hev=.00ft
569.00	40.80	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.409ft	HL=.999ft	Hev=.00ft
569.10	42.80	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.450ft	HL=1.100ft	Hev=.00ft

asbuilt basin 1 2 and 4.txt

569.20	44.70	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.491ft	HL=1.199ft	Hev=.00ft
569.25	45.63	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.512ft	HL=1.250ft	Hev=.00ft
569.30	46.55	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.532ft	HL=1.301ft	Hev=.00ft
569.40	48.31	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.573ft	HL=1.401ft	Hev=.00ft
569.50	49.99	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.614ft	HL=1.500ft	Hev=.00ft
569.60	51.63	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.655ft	HL=1.600ft	Hev=.00ft
569.70	53.22	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.696ft	HL=1.700ft	Hev=.00ft
569.75	53.99	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.716ft	HL=1.749ft	Hev=.00ft
569.80	54.76	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.737ft	HL=1.800ft	Hev=.00ft
569.90	56.26	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.778ft	HL=1.900ft	Hev=.00ft

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
570.00	57.71	568.00	.000	
		FULL FLOW... Lfull=70.01ft	Vh=.818ft	HL=1.999ft Hev=.00ft
570.10	59.15	568.00	.000	
		FULL FLOW... Lfull=70.01ft	Vh=.860ft	HL=2.100ft Hev=.00ft
570.20	60.53	568.00	.000	
		FULL FLOW... Lfull=70.01ft	Vh=.900ft	HL=2.199ft Hev=.00ft
570.30	61.89	568.00	.000	
		FULL FLOW... Lfull=70.01ft	Vh=.941ft	HL=2.299ft Hev=.00ft
570.40	63.22	568.00	.000	
		FULL FLOW... Lfull=70.01ft	Vh=.982ft	HL=2.399ft Hev=.00ft
570.50	64.53	568.00	.000	
		FULL FLOW... Lfull=70.01ft	Vh=1.023ft	HL=2.499ft Hev=.00ft
570.60	65.81	568.00	.000	
		FULL FLOW... Lfull=70.01ft	Vh=1.064ft	HL=2.599ft Hev=.00ft
570.70	67.06	568.00	.000	

asbuilt basin 1 2 and 4.txt

570.80	68.31	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.105ft	HL=2.700ft	Hev= .00ft
570.90	69.51	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.147ft	HL=2.801ft	Hev= .00ft
571.00	70.71	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.188ft	HL=2.901ft	Hev= .00ft
571.10	71.86	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.229ft	HL=3.001ft	Hev= .00ft
571.20	73.02	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.269ft	HL=3.100ft	Hev= .00ft
571.30	74.14	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.310ft	HL=3.201ft	Hev= .00ft
571.40	75.26	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.351ft	HL=3.300ft	Hev= .00ft
				FULL FLOW... Lfull=70.01ft	Vh=1.392ft	HL=3.400ft	Hev= .00ft

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Type... Individual Outlet Curves  
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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
571.50	76.36	568.00	.000
571.60	77.44	568.00	.000
571.70	78.51	568.00	.000
571.80	79.56	568.00	.000
571.90	80.61	568.00	.000
572.00	81.64	568.00	.000
572.10	82.64	568.00	.000
572.20	83.65	568.00	.000
572.30	84.64	568.00	.000
572.40	85.62	568.00	.000



asbuilt basin 1 2 and 4.txt

572.50	86.57	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.842ft	HL=4.499ft	Hev= .00ft
572.60	87.53	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.883ft	HL=4.599ft	Hev= .00ft
572.70	88.49	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.924ft	HL=4.700ft	Hev= .00ft
572.80	89.43	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.966ft	HL=4.801ft	Hev= .00ft
572.90	90.35	568.00	.000	FULL FLOW... Lfull=70.01ft	Vh=2.006ft	HL=4.900ft	Hev= .00ft

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Type... Individual Outlet Curves  
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4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev. ft	Converge +/-ft	Computati on Messages
573.00	91.27	568.00	.000	FULL FLOW... Lfull=70.01ft Vh=2.047ft HL=5.000ft Hev= .00ft
573.10	92.18	568.00	.000	FULL FLOW... Lfull=70.01ft Vh=2.088ft HL=5.100ft Hev= .00ft
573.20	93.08	568.00	.000	FULL FLOW... Lfull=70.01ft Vh=2.129ft HL=5.200ft Hev= .00ft
573.30	93.97	568.00	.000	FULL FLOW... Lfull=70.01ft Vh=2.170ft HL=5.300ft Hev= .00ft
573.40	94.85	568.00	.000	FULL FLOW... Lfull=70.01ft Vh=2.211ft HL=5.400ft Hev= .00ft
573.50	95.72	568.00	.000	FULL FLOW... Lfull=70.01ft Vh=2.252ft HL=5.500ft Hev= .00ft
573.60	96.60	568.00	.000	FULL FLOW... Lfull=70.01ft Vh=2.293ft HL=5.601ft Hev= .00ft
573.70	97.45	568.00	.000	FULL FLOW... Lfull=70.01ft Vh=2.334ft HL=5.700ft Hev= .00ft
573.80	98.29	568.00	.000	FULL FLOW... Lfull=70.01ft Vh=2.374ft HL=5.799ft Hev= .00ft
573.90	99.14	568.00	.000	FULL FLOW... Lfull=70.01ft Vh=2.415ft HL=5.900ft Hev= .00ft
574.00	99.98	568.00	.000	FULL FLOW... Lfull=70.01ft Vh=2.456ft HL=6.000ft Hev= .00ft

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Type... Individual Outlet Curves  
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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft
-----		
Computati on Messages		
-----		
565.00	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.10	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.20	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.25	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.30	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.40	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.50	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.60	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.70	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.75	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.80	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.90	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.00	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.10	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.20	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.25	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
566.30	-.00	568.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft

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Type... Individual Outlet Curves  
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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
566.40	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.50	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.60	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.70	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.75	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.80	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.90	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.00	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.10	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.20	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.25	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.30	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.40	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.50	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.60	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.70	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.75	-.00	568.00	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

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Type . . . Individual Outlet Curves

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
567.80	-.00	568.00	.000	
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft		
567.90	-.00	568.00	.000	
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft		
568.00	.00	568.00	.000	
		Upstream HW & DNstream TW < Inv. El		
568.10	.00	568.00	.000	
		Upstream HW & DNstream TW < Inv. El		
568.20	.00	568.00	.000	
		Upstream HW & DNstream TW < Inv. El		
568.25	.00	568.00	.000	
		Upstream HW & DNstream TW < Inv. El		
568.30	.00	568.00	.000	
		Upstream HW & DNstream TW < Inv. El		
568.40	.00	568.00	.000	
		Upstream HW & DNstream TW < Inv. El		
568.50	.00	568.00	.000	
		Upstream HW & DNstream TW < Inv. El		
568.60	.00	568.00	.000	
		Upstream HW & DNstream TW < Inv. El		
568.70	.00	568.00	.000	
		Upstream HW & DNstream TW < Inv. El		
568.75	.00	568.00	.000	
		Upstream HW & DNstream TW < Inv. El		
568.80	.00	568.00	.000	
		Upstream HW & DNstream TW < Inv. El		
568.90	.00	568.00	.000	
		Upstream HW & DNstream TW < Inv. El		
569.00	.00	568.00	.000	
		Upstream HW & DNstream TW < Inv. El		
569.10	.00	568.00	.000	
		Upstream HW & DNstream TW < Inv. El		
569.20	.00	568.00	.000	
		Upstream HW & DNstream TW < Inv. El		

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

asbuilt basin 1 2 and 4.txt

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft
Computati on Messages		
569.25	.00	568.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.30	.00	568.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.40	.00	568.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.50	.00	568.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.60	.00	568.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.70	.00	568.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.75	.00	568.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.80	.00	568.00 .000
		Upstream HW & DNstream TW < Inv. EI
569.90	.00	568.00 .000
		Upstream HW & DNstream TW < Inv. EI
570.00	.00	568.00 .000
		Upstream HW & DNstream TW < Inv. EI
570.10	.00	568.00 .000
		Upstream HW & DNstream TW < Inv. EI
570.20	.00	568.00 .000
		Upstream HW & DNstream TW < Inv. EI
570.30	.04	568.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .042ft Dcr= .125ft H. JUMP IN PIPE Hev=
570.40	.18	568.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=
570.50	.38	568.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=
570.60	.57	568.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft H. JUMP IN PIPE Hev=
570.70	.88	568.00 .000
.00ft		CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft H. JUMP IN PIPE Hev=

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

asbuilt basin 1 2 and 4.txt  
 Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
570.80	1.23	568.00	.000	Vh= .136ft	Dcr= .390ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH	CONTROL			
570.90	1.62	568.00	.000	Vh= .154ft	Dcr= .437ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH	CONTROL			
571.00	2.01	568.00	.000	Vh= .177ft	Dcr= .500ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH	CONTROL			
571.10	2.52	568.00	.000	Vh= .195ft	Dcr= .547ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH	CONTROL			
571.20	3.13	568.00	.000	Vh= .220ft	Dcr= .609ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH	CONTROL			
571.30	3.76	568.00	.000	Vh= .245ft	Dcr= .672ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH	CONTROL			
571.40	4.42	568.00	.000	Vh= .271ft	Dcr= .734ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH	CONTROL			
571.50	4.97	568.00	.000	Vh= .291ft	Dcr= .781ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH	CONTROL			
571.60	5.90	568.00	.000	Vh= .322ft	Dcr= .851ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH	CONTROL			
571.70	6.54	568.00	.000	Vh= .351ft	Dcr= .914ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH	CONTROL			
571.80	7.40	568.00	.000	Vh= .377ft	Dcr= .968ft	H. JUMP IN PIPE Hev=
.00ft		CRIT. DEPTH	CONTROL			
571.90	8.18	568.00	.000	Vh= .404ft	Dcr= 1.023ft	CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH	CONTROL			
572.00	9.04	568.00	.000	Vh= .429ft	Dcr= 1.070ft	CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH	CONTROL			
572.10	9.81	568.00	.000	Vh= .454ft	Dcr= 1.117ft	CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH	CONTROL			
572.20	10.77	568.00	.000	Vh= .485ft	Dcr= 1.171ft	CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH	CONTROL			
572.30	11.58	568.00	.000	Vh= .513ft	Dcr= 1.218ft	CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH	CONTROL			
572.40	12.43	568.00	.000	Vh= .548ft	Dcr= 1.273ft	CRIT. DEPTH Hev=
.00ft		CRIT. DEPTH	CONTROL			

asbuilt basin 1 2 and 4.txt

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
572.50	13.41	568.00	.000	Vh= .580ft	Dcr= 1.320ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.60	14.27	568.00	.000	Vh= .615ft	Dcr= 1.367ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.70	15.16	568.00	.000	Vh= .645ft	Dcr= 1.406ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.80	16.11	568.00	.000	Vh= .685ft	Dcr= 1.452ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.90	17.06	568.00	.000	Vh= .714ft	Dcr= 1.484ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.00	17.77	568.00	.000	Vh= .753ft	Dcr= 1.523ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.10	18.71	568.00	.000	Vh= .795ft	Dcr= 1.562ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.20	19.60	568.00	.000	Vh= .828ft	Dcr= 1.589ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.30	20.41	568.00	.000	Vh= .869ft	Dcr= 1.620ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.40	21.24	568.00	.000	Vh= .908ft	Dcr= 1.648ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.50	22.07	568.00	.000	Vh= .959ft	Dcr= 1.679ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.60	22.83	568.00	.000	Vh= 1.001ft	Dcr= 1.702ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.70	23.61	568.00	.000	Vh= 1.039ft	Dcr= 1.722ft	CRI T. DEPTH Hev=
		CRI T. DEPTH	CONTROL			

asbuilt basin 1 2 and 4.txt

.00ft	573.80	24.40	568.00	.000				
			CRI T. DEPTH CONTROL	Vh= 1.090ft	Dcr= 1.745ft	CRI T. DEPTH	Hev=	
.00ft	573.90	25.15	568.00	.000				
			CRI T. DEPTH CONTROL	Vh= 1.138ft	Dcr= 1.765ft	CRI T. DEPTH	Hev=	
.00ft	574.00	25.79	568.00	.000				
			CRI T. DEPTH CONTROL	Vh= 1.192ft	Dcr= 1.784ft	CRI T. DEPTH	Hev=	
.00ft								

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
565.00	-46.16	568.25	.000			
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
565.10	-46.16	568.25	.000			
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
565.20	-46.16	568.25	.000			
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
565.25	-46.16	568.25	.000			
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
565.30	-46.16	568.25	.000			
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
565.40	-46.16	568.25	.000			
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
565.50	-46.16	568.25	.000			
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
565.60	-46.16	568.25	.000			
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
565.70	-46.16	568.25	.000			
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
565.75	-46.16	568.25	.000			
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
565.80	-46.16	568.25	.000			
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
565.90	-46.16	568.25	.000			
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft



asbuilt basin 1 2 and 4.txt

566.00 -46.16 568.25 .000  
 REVERSE FULL: Lfull=55.99ft Vh=.524ft HL=1.201ft Hev=.00ft  
 566.10 -46.16 568.25 .000  
 REVERSE FULL: Lfull=55.99ft Vh=.524ft HL=1.201ft Hev=.00ft  
 566.20 -46.16 568.25 .000  
 REVERSE FULL: Lfull=55.99ft Vh=.524ft HL=1.201ft Hev=.00ft

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
566.25	-46.16	568.25 .000				
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
566.30	-46.16	568.25 .000				
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
566.40	-46.16	568.25 .000				
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
566.50	-46.16	568.25 .000				
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
566.60	-46.16	568.25 .000				
		REVERSE FULL:	Lfull=55.99ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
566.70	-46.16	568.25 .000				
		REVERSE FULL:	Lfull=55.98ft	Vh=.524ft	HL=1.201ft	Hev=.00ft
566.75	-46.09	568.25 .000				
		REVERSE FULL:	Lfull=56.16ft	Vh=.522ft	HL=1.198ft	Hev=.00ft
566.80	-45.94	568.25 .000				
		REVERSE FULL:	Lfull=56.51ft	Vh=.519ft	HL=1.193ft	Hev=.00ft
566.90	-45.39	568.25 .000				
		REVERSE FULL:	Lfull=57.94ft	Vh=.506ft	HL=1.172ft	Hev=.00ft
567.00	-44.54	568.25 .000				
		REVERSE FULL:	Lfull=60.26ft	Vh=.487ft	HL=1.140ft	Hev=.00ft
567.10	-43.30	568.25 .000				
		REVERSE FULL:	Lfull=63.48ft	Vh=.461ft	HL=1.093ft	Hev=.00ft
567.20	-41.72	568.25 .000				
		REVERSE FULL:	Lfull=67.58ft	Vh=.428ft	HL=1.034ft	Hev=.00ft
567.25	-40.82	568.25 .000				
		REVERSE FULL:	Lfull=70.01ft	Vh=.409ft	HL=1.000ft	Hev=.00ft
567.30	-39.77	568.25 .000				
		REVERSE FULL:	Lfull=70.01ft	Vh=.389ft	HL=.949ft	Hev=.00ft
567.40	-37.62	568.25 .000				

asbuilt basin 1 2 and 4.txt  
 REVERSE FULL: Lfull=70.01ft Vh=.348ft HL=.850ft Hev=.00ft

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. Q	TW Elev Converge	Computation Messages
ft cfs	ft +/-ft	
567.50 -35.33	568.25 .000	REVERSE FULL: Lfull=70.01ft Vh=.307ft HL=.749ft Hev=.00ft
567.60 -32.90	568.25 .000	REVERSE FULL: Lfull=70.01ft Vh=.266ft HL=.650ft Hev=.00ft
567.70 -30.28	568.25 .000	REVERSE FULL: Lfull=70.01ft Vh=.225ft HL=.550ft Hev=.00ft
567.75 -28.85	568.25 .000	REVERSE FULL: Lfull=70.01ft Vh=.205ft HL=.500ft Hev=.00ft
567.80 -27.37	568.25 .000	REVERSE FULL: Lfull=70.01ft Vh=.184ft HL=.450ft Hev=.00ft
567.90 -24.13	568.25 .000	REVERSE FULL: Lfull=70.01ft Vh=.143ft HL=.349ft Hev=.00ft
568.00 -20.41	568.25 .000	REVERSE FULL: Lfull=70.01ft Vh=.102ft HL=.250ft Hev=.00ft
568.10 -15.83	568.25 .000	REVERSE FULL: Lfull=70.01ft Vh=.062ft HL=.150ft Hev=.00ft
568.20 -9.16	568.25 .000	REVERSE FULL: Lfull=70.01ft Vh=.021ft HL=.050ft Hev=.00ft
568.25 .00	568.25 .000	HW = TW elev
568.30 9.04	568.25 .000	FULL FLOW... Lfull=70.01ft Vh=.020ft HL=.049ft Hev=.00ft
568.40 15.84	568.25 .000	FULL FLOW... Lfull=70.01ft Vh=.062ft HL=.151ft Hev=.00ft
568.50 20.41	568.25 .000	FULL FLOW... Lfull=70.01ft Vh=.102ft HL=.250ft Hev=.00ft
568.60 24.12	568.25 .000	FULL FLOW... Lfull=70.01ft Vh=.143ft HL=.349ft Hev=.00ft
568.70 27.40	568.25 .000	FULL FLOW... Lfull=70.01ft Vh=.184ft HL=.451ft Hev=.00ft

S/N:  
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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
568.75	28.88	568.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.205ft HL=.501ft Hev=.00ft
568.80	30.25	568.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.225ft HL=.549ft Hev=.00ft
568.90	32.92	568.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.266ft HL=.651ft Hev=.00ft
569.00	35.36	568.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.307ft HL=.750ft Hev=.00ft
569.10	37.64	568.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.348ft HL=.850ft Hev=.00ft
569.20	39.79	568.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.389ft HL=.950ft Hev=.00ft
569.25	40.81	568.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.409ft HL=1.000ft Hev=.00ft
569.30	41.83	568.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.430ft HL=1.051ft Hev=.00ft
569.40	43.77	568.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.471ft HL=1.150ft Hev=.00ft
569.50	45.62	568.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.511ft HL=1.249ft Hev=.00ft
569.60	47.41	568.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.552ft HL=1.349ft Hev=.00ft
569.70	49.15	568.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.594ft HL=1.450ft Hev=.00ft
569.75	50.00	568.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.614ft HL=1.501ft Hev=.00ft
569.80	50.82	568.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.635ft HL=1.550ft Hev=.00ft
569.90	52.44	568.25	.000	
		FULL FLOW...	Lfull=70.01ft	Vh=.676ft HL=1.651ft Hev=.00ft

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asbuilt basin 1 2 and 4.txt

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
570.00	53.99	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.716ft	HL=1.750ft	Hev=.00ft
570.10	55.51	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.757ft	HL=1.850ft	Hev=.00ft
570.20	56.98	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.798ft	HL=1.949ft	Hev=.00ft
570.30	58.44	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.839ft	HL=2.050ft	Hev=.00ft
570.40	59.84	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.880ft	HL=2.149ft	Hev=.00ft
570.50	61.23	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.921ft	HL=2.250ft	Hev=.00ft
570.60	62.57	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=.962ft	HL=2.350ft	Hev=.00ft
570.70	63.88	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.003ft	HL=2.449ft	Hev=.00ft
570.80	65.18	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.044ft	HL=2.550ft	Hev=.00ft
570.90	66.44	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.085ft	HL=2.650ft	Hev=.00ft
571.00	67.69	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.126ft	HL=2.750ft	Hev=.00ft
571.10	68.91	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.167ft	HL=2.850ft	Hev=.00ft
571.20	70.10	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.208ft	HL=2.950ft	Hev=.00ft
571.30	71.28	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.249ft	HL=3.050ft	Hev=.00ft
571.40	72.45	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.290ft	HL=3.151ft	Hev=.00ft

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PondPack Ver:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)  
 Page 828

asbuilt basin 1 2 and 4.txt

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft
		Converge +/-ft
		Computati on Messages
571.50	73.59	568.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.331ft HL=3.251ft Hev= .00ft
571.60	74.70	568.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.371ft HL=3.350ft Hev= .00ft
571.70	75.81	568.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.412ft HL=3.450ft Hev= .00ft
571.80	76.90	568.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.453ft HL=3.550ft Hev= .00ft
571.90	77.98	568.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.494ft HL=3.650ft Hev= .00ft
572.00	79.04	568.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.535ft HL=3.750ft Hev= .00ft
572.10	80.09	568.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.576ft HL=3.850ft Hev= .00ft
572.20	81.12	568.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.617ft HL=3.950ft Hev= .00ft
572.30	82.14	568.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.658ft HL=4.050ft Hev= .00ft
572.40	83.14	568.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.699ft HL=4.150ft Hev= .00ft
572.50	84.15	568.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.740ft HL=4.251ft Hev= .00ft
572.60	85.12	568.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.780ft HL=4.349ft Hev= .00ft
572.70	86.10	568.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.822ft HL=4.450ft Hev= .00ft
572.80	87.06	568.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.863ft HL=4.549ft Hev= .00ft
572.90	88.01	568.25 .000
		FULL FLOW... Lfull=70.01ft Vh=1.904ft HL=4.650ft Hev= .00ft

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 PondPack Ver: Compute Time: Date:

Type... Individual Outlet Curves Page 15.283  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

asbuilt basin 1 2 and 4.txt  
 NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
573.00	88.95	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.945ft	HL=4.750ft	Hev=.00ft
573.10	89.89	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.986ft	HL=4.850ft	Hev=.00ft
573.20	90.81	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.027ft	HL=4.950ft	Hev=.00ft
573.30	91.73	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.068ft	HL=5.050ft	Hev=.00ft
573.40	92.62	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.108ft	HL=5.149ft	Hev=.00ft
573.50	93.52	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.149ft	HL=5.250ft	Hev=.00ft
573.60	94.41	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.190ft	HL=5.350ft	Hev=.00ft
573.70	95.29	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.231ft	HL=5.451ft	Hev=.00ft
573.80	96.16	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.272ft	HL=5.551ft	Hev=.00ft
573.90	97.03	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.313ft	HL=5.651ft	Hev=.00ft
574.00	97.88	568.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=2.354ft	HL=5.751ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
565.00	-.00	568.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.10	-.00	568.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.20	-.00	568.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

asbuilt basin 1 2 and 4.txt

565.25	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.30	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.40	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.50	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.60	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.70	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.75	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.80	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.90	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.00	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.10	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.20	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.25	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.30	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
566.40	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.50	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.60	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.70	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.75	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft

asbuilt basin 1 2 and 4.txt

566.80	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.90	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.00	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.10	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.20	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.25	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.30	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.40	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.50	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.60	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.70	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.75	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

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PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Dierberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
567.80	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.90	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.00	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.10	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.20	-.00	568.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.25	.00	568.25	.000	Upstream HW & DNstream TW < Inv. EI		
568.30	.00	568.25	.000	Upstream HW & DNstream TW < Inv. EI		



asbuilt basin 1 2 and 4.txt

568.40	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.50	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.60	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.70	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.75	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.80	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
568.90	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.00	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.10	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.20	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		

S/N:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
569.25	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.30	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.40	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.50	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.60	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.70	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.75	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.80	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.90	.00	568.25	.000	
		Upstream HW & DNstream TW < Inv. EI		

asbuilt basin 1 2 and 4.txt

570.00 .00 568.25 .000  
 Upstream HW & DNstream TW < Inv. El  
 570.10 .00 568.25 .000  
 Upstream HW & DNstream TW < Inv. El  
 570.20 .00 568.25 .000  
 Upstream HW & DNstream TW < Inv. El  
 570.30 .04 568.25 .000  
 CRIT. DEPTH CONTROL Vh= .042ft Dcr= .125ft H. JUMP IN PIPE Hev=  
 .00ft  
 570.40 .18 568.25 .000  
 CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=  
 .00ft  
 570.50 .38 568.25 .000  
 CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=  
 .00ft  
 570.60 .57 568.25 .000  
 CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft H. JUMP IN PIPE Hev=  
 .00ft  
 570.70 .88 568.25 .000  
 CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft H. JUMP IN PIPE Hev=  
 .00ft

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves  
 Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
-----			
Computati on Messages			
-----			
570.80	1.23	568.25	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .136ft Dcr= .390ft H. JUMP IN PIPE Hev=
570.90	1.62	568.25	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .154ft Dcr= .437ft H. JUMP IN PIPE Hev=
571.00	2.01	568.25	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .177ft Dcr= .500ft H. JUMP IN PIPE Hev=
571.10	2.52	568.25	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .195ft Dcr= .547ft H. JUMP IN PIPE Hev=
571.20	3.13	568.25	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .220ft Dcr= .609ft H. JUMP IN PIPE Hev=
571.30	3.76	568.25	.000
		CRIT. DEPTH CONTROL	Vh= .245ft Dcr= .672ft H. JUMP IN PIPE Hev=

asbuilt basin 1 2 and 4.txt

.00ft	571.40	4.42	568.25	.000				
			CRI T. DEPTH CONTROL		Vh= .271ft	Dcr= .734ft	H. JUMP IN PIPE	Hev=
.00ft	571.50	4.97	568.25	.000				
			CRI T. DEPTH CONTROL		Vh= .291ft	Dcr= .781ft	H. JUMP IN PIPE	Hev=
.00ft	571.60	5.90	568.25	.000				
			CRI T. DEPTH CONTROL		Vh= .322ft	Dcr= .851ft	H. JUMP IN PIPE	Hev=
.00ft	571.70	6.54	568.25	.000				
			CRI T. DEPTH CONTROL		Vh= .351ft	Dcr= .914ft	H. JUMP IN PIPE	Hev=
.00ft	571.80	7.40	568.25	.000				
			CRI T. DEPTH CONTROL		Vh= .377ft	Dcr= .968ft	H. JUMP IN PIPE	Hev=
.00ft	571.90	8.18	568.25	.000				
			CRI T. DEPTH CONTROL		Vh= .404ft	Dcr= 1.023ft	H. JUMP IN PIPE	Hev=
.00ft	572.00	9.04	568.25	.000				
			CRI T. DEPTH CONTROL		Vh= .429ft	Dcr= 1.070ft	H. JUMP IN PIPE	Hev=
.00ft	572.10	9.81	568.25	.000				
			CRI T. DEPTH CONTROL		Vh= .454ft	Dcr= 1.117ft	H. JUMP IN PIPE	Hev=
.00ft	572.20	10.77	568.25	.000				
			CRI T. DEPTH CONTROL		Vh= .485ft	Dcr= 1.171ft	H. JUMP IN PIPE	Hev=
.00ft	572.30	11.58	568.25	.000				
			CRI T. DEPTH CONTROL		Vh= .513ft	Dcr= 1.218ft	H. JUMP IN PIPE	Hev=
.00ft	572.40	12.43	568.25	.000				
			CRI T. DEPTH CONTROL		Vh= .548ft	Dcr= 1.273ft	CRI T. DEPTH	Hev=

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Type... Individual Outlet Curves  
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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
572.50	13.41	568.25	.000	
		CRI T. DEPTH CONTROL		Vh= .580ft Dcr= 1.320ft CRI T. DEPTH Hev=
.00ft				
572.60	14.27	568.25	.000	

asbuilt basin 1 2 and 4.txt

Depth (ft)	Station	Control	Vh (ft)	Dcr (ft)	Hev (ft)
.00ft	15.16	CRI T. DEPTH CONTROL	.615ft	1.367ft	Hev=
572.70	15.16	568.25 .000			
.00ft	16.11	CRI T. DEPTH CONTROL	.645ft	1.406ft	Hev=
572.80	16.11	568.25 .000			
.00ft	17.06	CRI T. DEPTH CONTROL	.685ft	1.452ft	Hev=
572.90	17.06	568.25 .000			
.00ft	17.77	CRI T. DEPTH CONTROL	.714ft	1.484ft	Hev=
573.00	17.77	568.25 .000			
.00ft	18.71	CRI T. DEPTH CONTROL	.753ft	1.523ft	Hev=
573.10	18.71	568.25 .000			
.00ft	19.60	CRI T. DEPTH CONTROL	.795ft	1.562ft	Hev=
573.20	19.60	568.25 .000			
.00ft	20.41	CRI T. DEPTH CONTROL	.828ft	1.589ft	Hev=
573.30	20.41	568.25 .000			
.00ft	21.24	CRI T. DEPTH CONTROL	.869ft	1.620ft	Hev=
573.40	21.24	568.25 .000			
.00ft	22.07	CRI T. DEPTH CONTROL	.908ft	1.648ft	Hev=
573.50	22.07	568.25 .000			
.00ft	22.83	CRI T. DEPTH CONTROL	.959ft	1.679ft	Hev=
573.60	22.83	568.25 .000			
.00ft	23.61	CRI T. DEPTH CONTROL	1.001ft	1.702ft	Hev=
573.70	23.61	568.25 .000			
.00ft	24.40	CRI T. DEPTH CONTROL	1.039ft	1.722ft	Hev=
573.80	24.40	568.25 .000			
.00ft	25.15	CRI T. DEPTH CONTROL	1.090ft	1.745ft	Hev=
573.90	25.15	568.25 .000			
.00ft	25.79	CRI T. DEPTH CONTROL	1.138ft	1.765ft	Hev=
574.00	25.79	568.25 .000			
.00ft		CRI T. DEPTH CONTROL	1.192ft	1.784ft	Hev=

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

asbuilt basin 1 2 and 4.txt

NUMBER OF BARRELS = 2  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
565.00	-49.73	568.50	.000			
		REVERSE FULL:	Lfull=58.69ft	Vh=.608ft	HL=1.412ft	Hev=.00ft
565.10	-49.73	568.50	.000			
		REVERSE FULL:	Lfull=58.69ft	Vh=.608ft	HL=1.412ft	Hev=.00ft
565.20	-49.73	568.50	.000			
		REVERSE FULL:	Lfull=58.69ft	Vh=.608ft	HL=1.412ft	Hev=.00ft
565.25	-49.73	568.50	.000			
		REVERSE FULL:	Lfull=58.69ft	Vh=.608ft	HL=1.412ft	Hev=.00ft
565.30	-49.73	568.50	.000			
		REVERSE FULL:	Lfull=58.69ft	Vh=.608ft	HL=1.412ft	Hev=.00ft
565.40	-49.73	568.50	.000			
		REVERSE FULL:	Lfull=58.69ft	Vh=.608ft	HL=1.412ft	Hev=.00ft
565.50	-49.73	568.50	.000			
		REVERSE FULL:	Lfull=58.69ft	Vh=.608ft	HL=1.412ft	Hev=.00ft
565.60	-49.73	568.50	.000			
		REVERSE FULL:	Lfull=58.69ft	Vh=.608ft	HL=1.412ft	Hev=.00ft
565.70	-49.73	568.50	.000			
		REVERSE FULL:	Lfull=58.69ft	Vh=.608ft	HL=1.412ft	Hev=.00ft
565.75	-49.73	568.50	.000			
		REVERSE FULL:	Lfull=58.69ft	Vh=.608ft	HL=1.412ft	Hev=.00ft
565.80	-49.73	568.50	.000			
		REVERSE FULL:	Lfull=58.69ft	Vh=.608ft	HL=1.412ft	Hev=.00ft
565.90	-49.73	568.50	.000			
		REVERSE FULL:	Lfull=58.69ft	Vh=.608ft	HL=1.412ft	Hev=.00ft
566.00	-49.73	568.50	.000			
		REVERSE FULL:	Lfull=58.69ft	Vh=.608ft	HL=1.412ft	Hev=.00ft
566.10	-49.73	568.50	.000			
		REVERSE FULL:	Lfull=58.69ft	Vh=.608ft	HL=1.412ft	Hev=.00ft
566.20	-49.73	568.50	.000			
		REVERSE FULL:	Lfull=58.69ft	Vh=.608ft	HL=1.412ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

asbuilt basin 1 2 and 4.txt

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
566.25	-49.73	568.50	.000			
				REVERSE FULL: Lfull=58.69ft	Vh=.608ft	HL=1.412ft Hev=.00ft
566.30	-49.73	568.50	.000			
				REVERSE FULL: Lfull=58.69ft	Vh=.608ft	HL=1.412ft Hev=.00ft
566.40	-49.73	568.50	.000			
				REVERSE FULL: Lfull=58.69ft	Vh=.608ft	HL=1.412ft Hev=.00ft
566.50	-49.73	568.50	.000			
				REVERSE FULL: Lfull=58.69ft	Vh=.608ft	HL=1.412ft Hev=.00ft
566.60	-49.73	568.50	.000			
				REVERSE FULL: Lfull=58.69ft	Vh=.608ft	HL=1.412ft Hev=.00ft
566.70	-49.73	568.50	.000			
				REVERSE FULL: Lfull=58.69ft	Vh=.608ft	HL=1.412ft Hev=.00ft
566.75	-49.73	568.50	.000			
				REVERSE FULL: Lfull=58.67ft	Vh=.608ft	HL=1.412ft Hev=.00ft
566.80	-49.71	568.50	.000			
				REVERSE FULL: Lfull=58.75ft	Vh=.607ft	HL=1.411ft Hev=.00ft
566.90	-49.38	568.50	.000			
				REVERSE FULL: Lfull=59.64ft	Vh=.599ft	HL=1.398ft Hev=.00ft
567.00	-48.76	568.50	.000			
				REVERSE FULL: Lfull=61.38ft	Vh=.584ft	HL=1.373ft Hev=.00ft
567.10	-47.76	568.50	.000			
				REVERSE FULL: Lfull=64.12ft	Vh=.560ft	HL=1.334ft Hev=.00ft
567.20	-46.44	568.50	.000			
				REVERSE FULL: Lfull=67.76ft	Vh=.530ft	HL=1.282ft Hev=.00ft
567.25	-45.63	568.50	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.512ft	HL=1.250ft Hev=.00ft
567.30	-44.73	568.50	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.492ft	HL=1.201ft Hev=.00ft
567.40	-42.82	568.50	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.451ft	HL=1.101ft Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		

asbuilt basin 1 2 and 4.txt

567.50	-40.82	568.50	.000	REVERSE FULL: Lfull=70.01ft	Vh=.409ft	HL=1.000ft	Hev=.00ft
567.60	-38.72	568.50	.000	REVERSE FULL: Lfull=70.01ft	Vh=.368ft	HL=.900ft	Hev=.00ft
567.70	-36.53	568.50	.000	REVERSE FULL: Lfull=70.01ft	Vh=.328ft	HL=.801ft	Hev=.00ft
567.75	-35.33	568.50	.000	REVERSE FULL: Lfull=70.01ft	Vh=.307ft	HL=.749ft	Hev=.00ft
567.80	-34.14	568.50	.000	REVERSE FULL: Lfull=70.01ft	Vh=.286ft	HL=.700ft	Hev=.00ft
567.90	-31.61	568.50	.000	REVERSE FULL: Lfull=70.01ft	Vh=.246ft	HL=.600ft	Hev=.00ft
568.00	-28.85	568.50	.000	REVERSE FULL: Lfull=70.01ft	Vh=.205ft	HL=.500ft	Hev=.00ft
568.10	-25.84	568.50	.000	REVERSE FULL: Lfull=70.01ft	Vh=.164ft	HL=.401ft	Hev=.00ft
568.20	-22.36	568.50	.000	REVERSE FULL: Lfull=70.01ft	Vh=.123ft	HL=.300ft	Hev=.00ft
568.25	-20.41	568.50	.000	REVERSE FULL: Lfull=70.01ft	Vh=.102ft	HL=.250ft	Hev=.00ft
568.30	-18.22	568.50	.000	REVERSE FULL: Lfull=70.01ft	Vh=.082ft	HL=.199ft	Hev=.00ft
568.40	-12.97	568.50	.000	REVERSE FULL: Lfull=70.01ft	Vh=.041ft	HL=.101ft	Hev=.00ft
568.50	.00	568.50	.000				
				HW = TW elev			
568.60	12.91	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.041ft	HL=.100ft	Hev=.00ft
568.70	18.22	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.082ft	HL=.199ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
568.75	20.38	568.50	.000	
				FULL FLOW... Lfull=70.01ft Vh=.102ft HL=.249ft Hev=.00ft
568.80	22.37	568.50	.000	
				FULL FLOW... Lfull=70.01ft Vh=.123ft HL=.300ft Hev=.00ft
568.90	25.82	568.50	.000	

asbuilt basin 1 2 and 4.txt

WS Elev.	Device	Q	Tail Water	Notes
569.00	28.89	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.164ft HL=.400ft Hev=.00ft
569.10	31.63	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.205ft HL=.501ft Hev=.00ft
569.20	34.16	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.246ft HL=.601ft Hev=.00ft
569.25	35.35	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.287ft HL=.701ft Hev=.00ft
569.30	36.51	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.307ft HL=.750ft Hev=.00ft
569.40	38.71	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.328ft HL=.800ft Hev=.00ft
569.50	40.81	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.368ft HL=.900ft Hev=.00ft
569.60	42.79	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.409ft HL=1.000ft Hev=.00ft
569.70	44.72	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.450ft HL=1.099ft Hev=.00ft
569.75	45.62	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.492ft HL=1.201ft Hev=.00ft
569.80	46.53	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.511ft HL=1.249ft Hev=.00ft
569.90	48.28	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.532ft HL=1.299ft Hev=.00ft
				FULL FLOW... Lfull=70.01ft Vh=.573ft HL=1.399ft Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev.	Device	Q	Tail Water	Notes
570.00	50.00	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.614ft HL=1.501ft Hev=.00ft
570.10	51.62	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.655ft HL=1.599ft Hev=.00ft
570.20	53.23	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.696ft HL=1.701ft Hev=.00ft
570.30	54.76	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.737ft HL=1.800ft Hev=.00ft
570.40	56.26	568.50	.000	FULL FLOW... Lfull=70.01ft Vh=.778ft HL=1.900ft Hev=.00ft



asbuilt basin 1 2 and 4.txt

570.50	57.71	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.818ft	HL=1.999ft	Hev=.00ft
570.60	59.15	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.860ft	HL=2.100ft	Hev=.00ft
570.70	60.54	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.901ft	HL=2.200ft	Hev=.00ft
570.80	61.89	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.941ft	HL=2.299ft	Hev=.00ft
570.90	63.23	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.982ft	HL=2.400ft	Hev=.00ft
571.00	64.53	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.023ft	HL=2.500ft	Hev=.00ft
571.10	65.81	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.064ft	HL=2.600ft	Hev=.00ft
571.20	67.06	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.105ft	HL=2.700ft	Hev=.00ft
571.30	68.31	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.147ft	HL=2.801ft	Hev=.00ft
571.40	69.52	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.188ft	HL=2.901ft	Hev=.00ft

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PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
571.50	70.70	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.228ft HL=3.001ft Hev=.00ft
571.60	71.87	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.269ft HL=3.101ft Hev=.00ft
571.70	73.02	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.310ft HL=3.201ft Hev=.00ft
571.80	74.15	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.351ft HL=3.301ft Hev=.00ft
571.90	75.26	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.392ft HL=3.400ft Hev=.00ft
572.00	76.37	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.433ft HL=3.501ft Hev=.00ft
572.10	77.45	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.474ft HL=3.601ft Hev=.00ft
572.20	78.51	568.50	.000		

asbuilt basin 1 2 and 4.txt

572.30	79.56	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.515ft	HL=3.700ft	Hev= .00ft
572.40	80.61	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.556ft	HL=3.800ft	Hev= .00ft
572.50	81.63	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.597ft	HL=3.900ft	Hev= .00ft
572.60	82.65	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.638ft	HL=4.000ft	Hev= .00ft
572.70	83.65	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.679ft	HL=4.100ft	Hev= .00ft
572.80	84.63	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.720ft	HL=4.201ft	Hev= .00ft
572.90	85.61	568.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.760ft	HL=4.299ft	Hev= .00ft
				FULL FLOW... Lfull=70.01ft	Vh=1.801ft	HL=4.399ft	Hev= .00ft

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PondPack Ver:

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Date:

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
Computati on Messages			
573.00	86.58	568.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=1.842ft HL=4.500ft Hev= .00ft
573.10	87.54	568.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=1.883ft HL=4.600ft Hev= .00ft
573.20	88.49	568.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=1.924ft HL=4.700ft Hev= .00ft
573.30	89.42	568.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=1.965ft HL=4.799ft Hev= .00ft
573.40	90.35	568.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=2.006ft HL=4.900ft Hev= .00ft
573.50	91.27	568.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=2.047ft HL=5.001ft Hev= .00ft
573.60	92.18	568.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=2.088ft HL=5.100ft Hev= .00ft
573.70	93.07	568.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=2.129ft HL=5.200ft Hev= .00ft
573.80	93.96	568.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=2.169ft HL=5.299ft Hev= .00ft
573.90	94.85	568.50	.000
		FULL FLOW... Lfull=70.01ft	Vh=2.211ft HL=5.400ft Hev= .00ft

asbuilt basin 1 2 and 4.txt  
 574.00 95.72 568.50 .000  
 FULL FLOW... Lfull=70.01ft Vh=2.252ft HL=5.500ft Hev= .00ft

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Individual Outlet Curves Page 15.297  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft
Converge +/-ft		
Computati on Messages		
565.00	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.10	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.20	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.25	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.30	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.40	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.50	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.60	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.70	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.75	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.80	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.90	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
566.00	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
566.10	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
566.20	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
566.25	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
566.30	-.00	568.50 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves  
Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
566.40	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.50	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.60	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.70	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.75	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.80	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.90	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.00	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.10	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.20	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.25	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.30	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.40	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.50	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.60	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.70	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.75	-.00	568.50	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

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PondPack Ver:

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Date:

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Type... Individual Outlet Curves

Name... Outlet 3

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
567.80	-.00	568.50	.000		
				REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
567.90	-.00	568.50	.000		
				REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
568.00	-.00	568.50	.000		
				REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
568.10	-.00	568.50	.000		
				REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
568.20	-.00	568.50	.000		
				REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
568.25	-.00	568.50	.000		
				REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
568.30	-.00	568.50	.000		
				REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
568.40	-.00	568.50	.000		
				REVERSE FULL: Lfull=41.44ft	Vh=.000ft HL=.000ft Hev=.00ft
568.50	.00	568.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
568.60	.00	568.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
568.70	.00	568.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
568.75	.00	568.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
568.80	.00	568.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
568.90	.00	568.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
569.00	.00	568.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
569.10	.00	568.50	.000		
				Upstream HW & DNstream TW < Inv. EI	
569.20	.00	568.50	.000		
				Upstream HW & DNstream TW < Inv. EI	

S/N:

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Type... Individual Outlet Curves

Page 15.300

Name... Outlet 3

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

asbuilt basin 1 2 and 4.txt

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
569.25	.00	568.50	.000			
		Upstream HW & DNstream TW < Inv. EI				
569.30	.00	568.50	.000			
		Upstream HW & DNstream TW < Inv. EI				
569.40	.00	568.50	.000			
		Upstream HW & DNstream TW < Inv. EI				
569.50	.00	568.50	.000			
		Upstream HW & DNstream TW < Inv. EI				
569.60	.00	568.50	.000			
		Upstream HW & DNstream TW < Inv. EI				
569.70	.00	568.50	.000			
		Upstream HW & DNstream TW < Inv. EI				
569.75	.00	568.50	.000			
		Upstream HW & DNstream TW < Inv. EI				
569.80	.00	568.50	.000			
		Upstream HW & DNstream TW < Inv. EI				
569.90	.00	568.50	.000			
		Upstream HW & DNstream TW < Inv. EI				
570.00	.00	568.50	.000			
		Upstream HW & DNstream TW < Inv. EI				
570.10	.00	568.50	.000			
		Upstream HW & DNstream TW < Inv. EI				
570.20	.00	568.50	.000			
		Upstream HW & DNstream TW < Inv. EI				
570.30	.04	568.50	.000			
		CRIT. DEPTH CONTROL Vh= .042ft Dcr= .125ft H. JUMP IN PIPE Hev=				
.00ft						
570.40	.18	568.50	.000			
		CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=				
.00ft						
570.50	.38	568.50	.000			
		CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=				
.00ft						
570.60	.57	568.50	.000			
		CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft H. JUMP IN PIPE Hev=				
.00ft						
570.70	.88	568.50	.000			
		CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft H. JUMP IN PIPE Hev=				
.00ft						

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
570.80	1.23	568.50	.000	Vh= .136ft	Dcr= .390ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
570.90	1.62	568.50	.000	Vh= .154ft	Dcr= .437ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.00	2.01	568.50	.000	Vh= .177ft	Dcr= .500ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.10	2.52	568.50	.000	Vh= .195ft	Dcr= .547ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.20	3.13	568.50	.000	Vh= .220ft	Dcr= .609ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.30	3.76	568.50	.000	Vh= .245ft	Dcr= .672ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.40	4.42	568.50	.000	Vh= .271ft	Dcr= .734ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.50	4.97	568.50	.000	Vh= .291ft	Dcr= .781ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.60	5.90	568.50	.000	Vh= .322ft	Dcr= .851ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.70	6.54	568.50	.000	Vh= .351ft	Dcr= .914ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.80	7.40	568.50	.000	Vh= .377ft	Dcr= .968ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.90	8.18	568.50	.000	Vh= .404ft	Dcr= 1.023ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
572.00	9.04	568.50	.000	Vh= .429ft	Dcr= 1.070ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
572.10	9.81	568.50	.000	Vh= .454ft	Dcr= 1.117ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
572.20	10.77	568.50	.000	Vh= .485ft	Dcr= 1.171ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
572.30	11.58	568.50	.000			

asbuilt basin 1 2 and 4.txt

.00ft  
 572.40 12.43 568.50 .000  
 CRIT. DEPTH CONTROL Vh= .513ft Dcr= 1.218ft H. JUMP IN PIPE Hev=  
 .00ft  
 CRIT. DEPTH CONTROL Vh= .548ft Dcr= 1.273ft H. JUMP IN PIPE Hev=

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Type... Individual Outlet Curves  
 Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs TW Elev ft Converge +/-ft	Computati on Messages
572.50	13.41 568.50 .000	CRIT. DEPTH CONTROL Vh= .580ft Dcr= 1.320ft H. JUMP IN PIPE Hev= .00ft
572.60	14.27 568.50 .000	CRIT. DEPTH CONTROL Vh= .615ft Dcr= 1.367ft H. JUMP IN PIPE Hev= .00ft
572.70	15.16 568.50 .000	CRIT. DEPTH CONTROL Vh= .645ft Dcr= 1.406ft H. JUMP IN PIPE Hev= .00ft
572.80	16.11 568.50 .000	CRIT. DEPTH CONTROL Vh= .685ft Dcr= 1.452ft H. JUMP IN PIPE Hev= .00ft
572.90	17.06 568.50 .000	CRIT. DEPTH CONTROL Vh= .714ft Dcr= 1.484ft H. JUMP IN PIPE Hev= .00ft
573.00	17.77 568.50 .000	CRIT. DEPTH CONTROL Vh= .753ft Dcr= 1.523ft CRIT. DEPTH Hev= .00ft
573.10	18.71 568.50 .000	CRIT. DEPTH CONTROL Vh= .795ft Dcr= 1.562ft CRIT. DEPTH Hev= .00ft
573.20	19.60 568.50 .000	CRIT. DEPTH CONTROL Vh= .828ft Dcr= 1.589ft CRIT. DEPTH Hev= .00ft
573.30	20.41 568.50 .000	CRIT. DEPTH CONTROL Vh= .869ft Dcr= 1.620ft CRIT. DEPTH Hev= .00ft
573.40	21.24 568.50 .000	CRIT. DEPTH CONTROL Vh= .908ft Dcr= 1.648ft CRIT. DEPTH Hev= .00ft
573.50	22.07 568.50 .000	CRIT. DEPTH CONTROL Vh= .959ft Dcr= 1.679ft CRIT. DEPTH Hev= .00ft



asbuilt basin 1 2 and 4.txt

573.60	22.83	568.50	.000				
.00ft		CRIT. DEPTH CONTROL	Vh= 1.001ft	Dcr= 1.702ft	CRIT. DEPTH	Hev=	
573.70	23.61	568.50	.000				
.00ft		CRIT. DEPTH CONTROL	Vh= 1.039ft	Dcr= 1.722ft	CRIT. DEPTH	Hev=	
573.80	24.40	568.50	.000				
.00ft		CRIT. DEPTH CONTROL	Vh= 1.090ft	Dcr= 1.745ft	CRIT. DEPTH	Hev=	
573.90	25.15	568.50	.000				
.00ft		CRIT. DEPTH CONTROL	Vh= 1.138ft	Dcr= 1.765ft	CRIT. DEPTH	Hev=	
574.00	25.79	568.50	.000				
.00ft		CRIT. DEPTH CONTROL	Vh= 1.192ft	Dcr= 1.784ft	CRIT. DEPTH	Hev=	

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Type... Individual Outlet Curves

Page 15.303

Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev. ft	Converge +/-ft	Computati on Messages		
565.00	-53.29	568.75	.000			
		REVERSE FULL:	Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev= .00ft
565.10	-53.29	568.75	.000			
		REVERSE FULL:	Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev= .00ft
565.20	-53.29	568.75	.000			
		REVERSE FULL:	Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev= .00ft
565.25	-53.29	568.75	.000			
		REVERSE FULL:	Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev= .00ft
565.30	-53.29	568.75	.000			
		REVERSE FULL:	Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev= .00ft
565.40	-53.29	568.75	.000			
		REVERSE FULL:	Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev= .00ft
565.50	-53.29	568.75	.000			
		REVERSE FULL:	Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev= .00ft
565.60	-53.29	568.75	.000			
		REVERSE FULL:	Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev= .00ft
565.70	-53.29	568.75	.000			
		REVERSE FULL:	Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev= .00ft
565.75	-53.29	568.75	.000			

asbuilt basin 1 2 and 4.txt

565.80	-53.29	568.75	.000	REVERSE FULL: Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev=.00ft
565.90	-53.29	568.75	.000	REVERSE FULL: Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev=.00ft
566.00	-53.29	568.75	.000	REVERSE FULL: Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev=.00ft
566.10	-53.29	568.75	.000	REVERSE FULL: Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev=.00ft
566.20	-53.29	568.75	.000	REVERSE FULL: Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev=.00ft

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PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves  
Name... Outlet 3

Page 15.304

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages			
566.25	-53.29	568.75	.000	REVERSE FULL: Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev=.00ft
566.30	-53.29	568.75	.000	REVERSE FULL: Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev=.00ft
566.40	-53.29	568.75	.000	REVERSE FULL: Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev=.00ft
566.50	-53.29	568.75	.000	REVERSE FULL: Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev=.00ft
566.60	-53.29	568.75	.000	REVERSE FULL: Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev=.00ft
566.70	-53.29	568.75	.000	REVERSE FULL: Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev=.00ft
566.75	-53.29	568.75	.000	REVERSE FULL: Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev=.00ft
566.80	-53.29	568.75	.000	REVERSE FULL: Lfull=60.56ft	Vh=.698ft	HL=1.634ft	Hev=.00ft
566.90	-53.14	568.75	.000	REVERSE FULL: Lfull=60.97ft	Vh=.694ft	HL=1.629ft	Hev=.00ft
567.00	-52.64	568.75	.000	REVERSE FULL: Lfull=62.38ft	Vh=.681ft	HL=1.608ft	Hev=.00ft
567.10	-51.86	568.75	.000	REVERSE FULL: Lfull=64.67ft	Vh=.661ft	HL=1.577ft	Hev=.00ft
567.20	-50.71	568.75	.000	REVERSE FULL: Lfull=67.92ft	Vh=.632ft	HL=1.530ft	Hev=.00ft

asbuilt basin 1 2 and 4.txt

567.25	-49.97	568.75	.000				
				REVERSE FULL:	Lfull=70.01ft	Vh=.614ft	HL=1.499ft Hev=.00ft
567.30	-49.16	568.75	.000				
				REVERSE FULL:	Lfull=70.01ft	Vh=.594ft	HL=1.451ft Hev=.00ft
567.40	-47.42	568.75	.000				
				REVERSE FULL:	Lfull=70.01ft	Vh=.553ft	HL=1.350ft Hev=.00ft

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves

Page 15.305

Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
567.50	-45.63	568.75	.000			
				REVERSE FULL:	Lfull=70.01ft	Vh=.512ft HL=1.250ft Hev=.00ft
567.60	-43.77	568.75	.000			
				REVERSE FULL:	Lfull=70.01ft	Vh=.471ft HL=1.150ft Hev=.00ft
567.70	-41.82	568.75	.000			
				REVERSE FULL:	Lfull=70.01ft	Vh=.430ft HL=1.050ft Hev=.00ft
567.75	-40.82	568.75	.000			
				REVERSE FULL:	Lfull=70.01ft	Vh=.409ft HL=1.000ft Hev=.00ft
567.80	-39.77	568.75	.000			
				REVERSE FULL:	Lfull=70.01ft	Vh=.389ft HL=.949ft Hev=.00ft
567.90	-37.62	568.75	.000			
				REVERSE FULL:	Lfull=70.01ft	Vh=.348ft HL=.850ft Hev=.00ft
568.00	-35.33	568.75	.000			
				REVERSE FULL:	Lfull=70.01ft	Vh=.307ft HL=.749ft Hev=.00ft
568.10	-32.90	568.75	.000			
				REVERSE FULL:	Lfull=70.01ft	Vh=.266ft HL=.650ft Hev=.00ft
568.20	-30.28	568.75	.000			
				REVERSE FULL:	Lfull=70.01ft	Vh=.225ft HL=.550ft Hev=.00ft
568.25	-28.85	568.75	.000			
				REVERSE FULL:	Lfull=70.01ft	Vh=.205ft HL=.500ft Hev=.00ft
568.30	-27.37	568.75	.000			
				REVERSE FULL:	Lfull=70.01ft	Vh=.184ft HL=.450ft Hev=.00ft
568.40	-24.13	568.75	.000			
				REVERSE FULL:	Lfull=70.01ft	Vh=.143ft HL=.349ft Hev=.00ft
568.50	-20.41	568.75	.000			
				REVERSE FULL:	Lfull=70.01ft	Vh=.102ft HL=.250ft Hev=.00ft
568.60	-15.83	568.75	.000			
				REVERSE FULL:	Lfull=70.01ft	Vh=.062ft HL=.150ft Hev=.00ft
568.70	-9.16	568.75	.000			

asbuilt basin 1 2 and 4.txt  
 REVERSE FULL: Lfull=70.01ft Vh=.021ft HL=.050ft Hev=.00ft

S/N:  
 PondPack Ver: Compute Time: Date:

Type... Individual Outlet Curves Page 15.306  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)  
 Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)  
 NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft
		Converge +/-ft
		Computati on Messages
568.75	.00	568.75 .000
HW = TW elev		
568.80	9.19	568.75 .000
FULL FLOW... Lfull=70.01ft Vh=.021ft HL=.051ft Hev=.00ft		
568.90	15.83	568.75 .000
FULL FLOW... Lfull=70.01ft Vh=.062ft HL=.150ft Hev=.00ft		
569.00	20.40	568.75 .000
FULL FLOW... Lfull=70.01ft Vh=.102ft HL=.250ft Hev=.00ft		
569.10	24.16	568.75 .000
FULL FLOW... Lfull=70.01ft Vh=.143ft HL=.350ft Hev=.00ft		
569.20	27.40	568.75 .000
FULL FLOW... Lfull=70.01ft Vh=.185ft HL=.451ft Hev=.00ft		
569.25	28.88	568.75 .000
FULL FLOW... Lfull=70.01ft Vh=.205ft HL=.501ft Hev=.00ft		
569.30	30.27	568.75 .000
FULL FLOW... Lfull=70.01ft Vh=.225ft HL=.550ft Hev=.00ft		
569.40	32.92	568.75 .000
FULL FLOW... Lfull=70.01ft Vh=.266ft HL=.650ft Hev=.00ft		
569.50	35.37	568.75 .000
FULL FLOW... Lfull=70.01ft Vh=.307ft HL=.751ft Hev=.00ft		
569.60	37.64	568.75 .000
FULL FLOW... Lfull=70.01ft Vh=.348ft HL=.850ft Hev=.00ft		
569.70	39.80	568.75 .000
FULL FLOW... Lfull=70.01ft Vh=.389ft HL=.951ft Hev=.00ft		
569.75	40.81	568.75 .000
FULL FLOW... Lfull=70.01ft Vh=.409ft HL=1.000ft Hev=.00ft		
569.80	41.84	568.75 .000
FULL FLOW... Lfull=70.01ft Vh=.430ft HL=1.051ft Hev=.00ft		
569.90	43.76	568.75 .000
FULL FLOW... Lfull=70.01ft Vh=.471ft HL=1.149ft Hev=.00ft		

S/N:  
 PondPack Ver: Compute Time: Date:

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft
		Converge +/-ft
		Computation Messages
570.00	45.63	568.75 .000
		FULL FLOW... Lfull=70.01ft
570.10	47.42	568.75 .000
		FULL FLOW... Lfull=70.01ft
570.20	49.14	568.75 .000
		FULL FLOW... Lfull=70.01ft
570.30	50.81	568.75 .000
		FULL FLOW... Lfull=70.01ft
570.40	52.42	568.75 .000
		FULL FLOW... Lfull=70.01ft
570.50	54.00	568.75 .000
		FULL FLOW... Lfull=70.01ft
570.60	55.52	568.75 .000
		FULL FLOW... Lfull=70.01ft
570.70	57.00	568.75 .000
		FULL FLOW... Lfull=70.01ft
570.80	58.45	568.75 .000
		FULL FLOW... Lfull=70.01ft
570.90	59.86	568.75 .000
		FULL FLOW... Lfull=70.01ft
571.00	61.24	568.75 .000
		FULL FLOW... Lfull=70.01ft
571.10	62.57	568.75 .000
		FULL FLOW... Lfull=70.01ft
571.20	63.89	568.75 .000
		FULL FLOW... Lfull=70.01ft
571.30	65.17	568.75 .000
		FULL FLOW... Lfull=70.01ft
571.40	66.44	568.75 .000
		FULL FLOW... Lfull=70.01ft

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File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

asbuilt basin 1 2 and 4.txt

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
571.50	67.69	568.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.126ft	HL=2.750ft	Hev=.00ft
571.60	68.90	568.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.167ft	HL=2.850ft	Hev=.00ft
571.70	70.10	568.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.208ft	HL=2.950ft	Hev=.00ft
571.80	71.28	568.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.248ft	HL=3.049ft	Hev=.00ft
571.90	72.45	568.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.290ft	HL=3.151ft	Hev=.00ft
572.00	73.59	568.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.331ft	HL=3.250ft	Hev=.00ft
572.10	74.70	568.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.371ft	HL=3.349ft	Hev=.00ft
572.20	75.82	568.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.413ft	HL=3.451ft	Hev=.00ft
572.30	76.91	568.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.453ft	HL=3.550ft	Hev=.00ft
572.40	77.97	568.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.494ft	HL=3.649ft	Hev=.00ft
572.50	79.04	568.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.535ft	HL=3.750ft	Hev=.00ft
572.60	80.08	568.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.576ft	HL=3.850ft	Hev=.00ft
572.70	81.12	568.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.617ft	HL=3.950ft	Hev=.00ft
572.80	82.14	568.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.658ft	HL=4.050ft	Hev=.00ft
572.90	83.15	568.75	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.699ft	HL=4.150ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

asbuilt basin 1 2 and 4.txt

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
573.00	84.14	568.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.740ft	HL=4.250ft Hev= .00ft
573.10	85.12	568.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.781ft	HL=4.350ft Hev= .00ft
573.20	86.11	568.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.822ft	HL=4.451ft Hev= .00ft
573.30	87.06	568.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.863ft	HL=4.550ft Hev= .00ft
573.40	88.02	568.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.904ft	HL=4.650ft Hev= .00ft
573.50	88.96	568.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.945ft	HL=4.750ft Hev= .00ft
573.60	89.89	568.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=1.986ft	HL=4.850ft Hev= .00ft
573.70	90.81	568.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.027ft	HL=4.950ft Hev= .00ft
573.80	91.72	568.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.068ft	HL=5.050ft Hev= .00ft
573.90	92.63	568.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.109ft	HL=5.151ft Hev= .00ft
574.00	93.51	568.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=2.149ft	HL=5.249ft Hev= .00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
565.00	-.00	568.75	.000		

asbuilt basin 1 2 and 4.txt

565.10	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.20	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.25	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.30	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.40	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.50	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.60	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.70	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.75	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.80	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.90	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.00	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.10	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.20	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.25	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.30	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
566.40	-.00	568.75	.000
566.50	-.00	568.75	.000
566.60	-.00	568.75	.000



asbuilt basin 1 2 and 4.txt

566.70	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.75	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.80	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.90	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.00	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.10	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.20	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.25	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.30	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.40	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.50	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.60	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.70	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.75	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

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Compute Time:

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverpr\ PondPack\ Elmer-j obs\ Di erberg Tract\ ASBUILT BASIN 1 2 AND  
4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge +/-ft
567.80	-.00	568.75 .000
567.90	-.00	568.75 .000
568.00	-.00	568.75 .000
568.10	-.00	568.75 .000
568.20	-.00	568.75 .000

asbuilt basin 1 2 and 4.txt

568.25	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
568.30	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
568.40	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
568.50	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
568.60	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
568.70	-.00	568.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
568.75	.00	568.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
568.80	.00	568.75	.000	Upstream HW & DNstream TW < Inv. EI
568.90	.00	568.75	.000	Upstream HW & DNstream TW < Inv. EI
569.00	.00	568.75	.000	Upstream HW & DNstream TW < Inv. EI
569.10	.00	568.75	.000	Upstream HW & DNstream TW < Inv. EI
569.20	.00	568.75	.000	Upstream HW & DNstream TW < Inv. EI

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Type... Individual Outlet Curves

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Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
569.25	.00	568.75	.000	Upstream HW & DNstream TW < Inv. EI
569.30	.00	568.75	.000	Upstream HW & DNstream TW < Inv. EI
569.40	.00	568.75	.000	Upstream HW & DNstream TW < Inv. EI
569.50	.00	568.75	.000	Upstream HW & DNstream TW < Inv. EI
569.60	.00	568.75	.000	Upstream HW & DNstream TW < Inv. EI
569.70	.00	568.75	.000	Upstream HW & DNstream TW < Inv. EI
569.75	.00	568.75	.000	Upstream HW & DNstream TW < Inv. EI

asbuilt basin 1 2 and 4.txt

569.80	.00	568.75	.000	Upstream HW & DNstream TW < Inv. El
569.90	.00	568.75	.000	Upstream HW & DNstream TW < Inv. El
570.00	.00	568.75	.000	Upstream HW & DNstream TW < Inv. El
570.10	.00	568.75	.000	Upstream HW & DNstream TW < Inv. El
570.20	.00	568.75	.000	Upstream HW & DNstream TW < Inv. El
570.30	.04	568.75	.000	Upstream HW & DNstream TW < Inv. El
.00ft				CRIT. DEPTH CONTROL Vh= .042ft Dcr= .125ft H. JUMP IN PIPE Hev=
570.40	.18	568.75	.000	Upstream HW & DNstream TW < Inv. El
.00ft				CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=
570.50	.38	568.75	.000	Upstream HW & DNstream TW < Inv. El
.00ft				CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=
570.60	.57	568.75	.000	Upstream HW & DNstream TW < Inv. El
.00ft				CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft H. JUMP IN PIPE Hev=
570.70	.88	568.75	.000	Upstream HW & DNstream TW < Inv. El
.00ft				CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft H. JUMP IN PIPE Hev=

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
570.80	1.23	568.75	.000
.00ft			
570.90	1.62	568.75	.000
.00ft			
571.00	2.01	568.75	.000
.00ft			
571.10	2.52	568.75	.000
.00ft			

asbuilt basin 1 2 and 4.txt

571.20	3.13	568.75	.000	Vh= .220ft	Dcr= .609ft	H. JUMP IN PIPE	Hev=
.00ft							
571.30	3.76	568.75	.000	Vh= .245ft	Dcr= .672ft	H. JUMP IN PIPE	Hev=
.00ft							
571.40	4.42	568.75	.000	Vh= .271ft	Dcr= .734ft	H. JUMP IN PIPE	Hev=
.00ft							
571.50	4.97	568.75	.000	Vh= .291ft	Dcr= .781ft	H. JUMP IN PIPE	Hev=
.00ft							
571.60	5.90	568.75	.000	Vh= .322ft	Dcr= .851ft	H. JUMP IN PIPE	Hev=
.00ft							
571.70	6.54	568.75	.000	Vh= .351ft	Dcr= .914ft	H. JUMP IN PIPE	Hev=
.00ft							
571.80	7.40	568.75	.000	Vh= .377ft	Dcr= .968ft	H. JUMP IN PIPE	Hev=
.00ft							
571.90	8.18	568.75	.000	Vh= .404ft	Dcr= 1.023ft	H. JUMP IN PIPE	Hev=
.00ft							
572.00	9.04	568.75	.000	Vh= .429ft	Dcr= 1.070ft	H. JUMP IN PIPE	Hev=
.00ft							
572.10	9.81	568.75	.000	Vh= .454ft	Dcr= 1.117ft	H. JUMP IN PIPE	Hev=
.00ft							
572.20	10.77	568.75	.000	Vh= .485ft	Dcr= 1.171ft	H. JUMP IN PIPE	Hev=
.00ft							
572.30	11.58	568.75	.000	Vh= .513ft	Dcr= 1.218ft	H. JUMP IN PIPE	Hev=
.00ft							
572.40	12.43	568.75	.000	Vh= .548ft	Dcr= 1.273ft	H. JUMP IN PIPE	Hev=
.00ft							

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS El ev, Device	Q	Tail Water	Notes
WS El ev.	Q	TW El ev	Converge
ft	cfs	ft	+/-ft
Computati on Messages			
Page 860			

asbuilt basin 1 2 and 4.txt

Water Surface Elevation (ft)	Station	Depth (ft)	Control	Vh (ft)	Dcr (ft)	Notes
572.50	13.41	568.75	.000	.580	1.320	H. JUMP IN PIPE Hev=
572.60	14.27	568.75	.000	.615	1.367	H. JUMP IN PIPE Hev=
572.70	15.16	568.75	.000	.645	1.406	H. JUMP IN PIPE Hev=
572.80	16.11	568.75	.000	.685	1.452	H. JUMP IN PIPE Hev=
572.90	17.06	568.75	.000	.714	1.484	H. JUMP IN PIPE Hev=
573.00	17.77	568.75	.000	.753	1.523	H. JUMP IN PIPE Hev=
573.10	18.71	568.75	.000	.795	1.562	H. JUMP IN PIPE Hev=
573.20	19.60	568.75	.000	.828	1.589	H. JUMP IN PIPE Hev=
573.30	20.41	568.75	.000	.869	1.620	H. JUMP IN PIPE Hev=
573.40	21.24	568.75	.000	.908	1.648	H. JUMP IN PIPE Hev=
573.50	22.07	568.75	.000	.959	1.679	H. JUMP IN PIPE Hev=
573.60	22.83	568.75	.000	1.001	1.702	H. JUMP IN PIPE
573.70	23.61	568.75	.000	1.039	1.722	H. JUMP IN PIPE
573.80	24.40	568.75	.000	1.090	1.745	H. JUMP IN PIPE
573.90	25.15	568.75	.000	1.138	1.765	CRI T. DEPTH Hev=
574.00	25.79	568.75	.000	1.192	1.784	CRI T. DEPTH Hev=

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

asbuilt basin 1 2 and 4.txt  
 Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
565.00	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
565.10	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
565.20	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
565.25	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
565.30	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
565.40	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
565.50	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
565.60	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
565.70	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
565.75	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
565.80	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
565.90	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
566.00	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
566.10	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
566.20	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

asbuilt basin 1 2 and 4.txt

NUMBER OF BARRELS = 2  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
566.25	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
566.30	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
566.40	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
566.50	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
566.60	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
566.70	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
566.75	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
566.80	-56.62	569.00	.000			
		REVERSE FULL:	Lfull=62.29ft	Vh=.788ft	HL=1.860ft	Hev=.00ft
566.90	-56.58	569.00	.000			
		REVERSE FULL:	Lfull=62.41ft	Vh=.787ft	HL=1.858ft	Hev=.00ft
567.00	-56.27	569.00	.000			
		REVERSE FULL:	Lfull=63.34ft	Vh=.778ft	HL=1.845ft	Hev=.00ft
567.10	-55.60	569.00	.000			
		REVERSE FULL:	Lfull=65.25ft	Vh=.760ft	HL=1.817ft	Hev=.00ft
567.20	-54.62	569.00	.000			
		REVERSE FULL:	Lfull=68.15ft	Vh=.733ft	HL=1.776ft	Hev=.00ft
567.25	-54.00	569.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.717ft	HL=1.750ft	Hev=.00ft
567.30	-53.22	569.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.696ft	HL=1.700ft	Hev=.00ft
567.40	-51.64	569.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.655ft	HL=1.601ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

asbuilt basin 1 2 and 4.txt

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
567.50	-49.97	569.00	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.614ft	HL=1.499ft Hev=.00ft
567.60	-48.30	569.00	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.573ft	HL=1.401ft Hev=.00ft
567.70	-46.54	569.00	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.532ft	HL=1.300ft Hev=.00ft
567.75	-45.63	569.00	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.512ft	HL=1.250ft Hev=.00ft
567.80	-44.73	569.00	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.492ft	HL=1.201ft Hev=.00ft
567.90	-42.82	569.00	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.451ft	HL=1.101ft Hev=.00ft
568.00	-40.82	569.00	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.409ft	HL=1.000ft Hev=.00ft
568.10	-38.72	569.00	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.368ft	HL=.900ft Hev=.00ft
568.20	-36.53	569.00	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.328ft	HL=.801ft Hev=.00ft
568.25	-35.33	569.00	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.307ft	HL=.749ft Hev=.00ft
568.30	-34.14	569.00	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.286ft	HL=.700ft Hev=.00ft
568.40	-31.61	569.00	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.246ft	HL=.600ft Hev=.00ft
568.50	-28.85	569.00	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.205ft	HL=.500ft Hev=.00ft
568.60	-25.84	569.00	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.164ft	HL=.401ft Hev=.00ft
568.70	-22.36	569.00	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.123ft	HL=.300ft Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		



asbuilt basin 1 2 and 4.txt

568.75	-20.41	569.00	.000	REVERSE FULL: Lfull=70.01ft	Vh=.102ft	HL=.250ft	Hev=.00ft
568.80	-18.22	569.00	.000	REVERSE FULL: Lfull=70.01ft	Vh=.082ft	HL=.199ft	Hev=.00ft
568.90	-12.97	569.00	.000	REVERSE FULL: Lfull=70.01ft	Vh=.041ft	HL=.101ft	Hev=.00ft
569.00	.00	569.00	.000	HW = TW elev			
569.10	12.85	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.041ft	HL=.099ft	Hev=.00ft
569.20	18.22	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.082ft	HL=.199ft	Hev=.00ft
569.25	20.41	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.102ft	HL=.250ft	Hev=.00ft
569.30	22.33	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.123ft	HL=.299ft	Hev=.00ft
569.40	25.83	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.164ft	HL=.401ft	Hev=.00ft
569.50	28.83	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.204ft	HL=.499ft	Hev=.00ft
569.60	31.61	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.246ft	HL=.600ft	Hev=.00ft
569.70	34.13	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.286ft	HL=.699ft	Hev=.00ft
569.75	35.34	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.307ft	HL=.750ft	Hev=.00ft
569.80	36.52	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.328ft	HL=.801ft	Hev=.00ft
569.90	38.72	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.368ft	HL=.900ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
570.00	40.83	569.00	.000	
570.10	42.81	569.00	.000	FULL FLOW... Lfull=70.01ft Vh=.410ft HL=1.000ft Hev=.00ft
570.20	44.71	569.00	.000	FULL FLOW... Lfull=70.01ft Vh=.450ft HL=1.100ft Hev=.00ft

asbuilt basin 1 2 and 4.txt

570.30	46.54	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.491ft	HL=1.200ft	Hev=.00ft
570.40	48.31	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.532ft	HL=1.300ft	Hev=.00ft
570.50	49.98	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.573ft	HL=1.401ft	Hev=.00ft
570.60	51.63	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.614ft	HL=1.499ft	Hev=.00ft
570.70	53.22	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.655ft	HL=1.600ft	Hev=.00ft
570.80	54.76	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.696ft	HL=1.700ft	Hev=.00ft
570.90	56.26	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.737ft	HL=1.800ft	Hev=.00ft
571.00	57.73	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.778ft	HL=1.900ft	Hev=.00ft
571.10	59.15	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.819ft	HL=2.001ft	Hev=.00ft
571.20	60.54	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.860ft	HL=2.100ft	Hev=.00ft
571.30	61.91	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.901ft	HL=2.200ft	Hev=.00ft
571.40	63.24	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=.942ft	HL=2.300ft	Hev=.00ft
				FULL FLOW... Lfull=70.01ft	Vh=.983ft	HL=2.401ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
571.50	64.53	569.00	.000	
				FULL FLOW... Lfull=70.01ft Vh=1.023ft HL=2.500ft Hev=.00ft
571.60	65.81	569.00	.000	
				FULL FLOW... Lfull=70.01ft Vh=1.064ft HL=2.600ft Hev=.00ft
571.70	67.08	569.00	.000	
				FULL FLOW... Lfull=70.01ft Vh=1.106ft HL=2.701ft Hev=.00ft
571.80	68.30	569.00	.000	
				FULL FLOW... Lfull=70.01ft Vh=1.146ft HL=2.800ft Hev=.00ft
571.90	69.50	569.00	.000	
				FULL FLOW... Lfull=70.01ft Vh=1.187ft HL=2.899ft Hev=.00ft

asbuilt basin 1 2 and 4.txt

572.00	70.69	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.228ft	HL=3.000ft	Hev= .00ft
572.10	71.87	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.269ft	HL=3.100ft	Hev= .00ft
572.20	73.02	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.310ft	HL=3.201ft	Hev= .00ft
572.30	74.16	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.351ft	HL=3.301ft	Hev= .00ft
572.40	75.26	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.392ft	HL=3.400ft	Hev= .00ft
572.50	76.36	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.433ft	HL=3.500ft	Hev= .00ft
572.60	77.44	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.474ft	HL=3.600ft	Hev= .00ft
572.70	78.51	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.515ft	HL=3.700ft	Hev= .00ft
572.80	79.57	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.556ft	HL=3.800ft	Hev= .00ft
572.90	80.60	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.597ft	HL=3.900ft	Hev= .00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
ft	cfs	TW Elev	Converge	Computati on Messages		
		ft	+/-ft			
573.00	81.63	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.638ft	HL=4.000ft Hev= .00ft
573.10	82.64	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.678ft	HL=4.099ft Hev= .00ft
573.20	83.65	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.719ft	HL=4.200ft Hev= .00ft
573.30	84.64	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.760ft	HL=4.300ft Hev= .00ft
573.40	85.62	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.802ft	HL=4.400ft Hev= .00ft
573.50	86.58	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.842ft	HL=4.500ft Hev= .00ft
573.60	87.54	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.883ft	HL=4.600ft Hev= .00ft
573.70	88.49	569.00	.000			

asbuilt basin 1 2 and 4.txt

573.80	89.43	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.924ft	HL=4.700ft	Hev= .00ft
573.90	90.35	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=1.965ft	HL=4.801ft	Hev= .00ft
574.00	91.26	569.00	.000	FULL FLOW... Lfull=70.01ft	Vh=2.006ft	HL=4.900ft	Hev= .00ft
				FULL FLOW... Lfull=70.01ft	Vh=2.047ft	HL=5.000ft	Hev= .00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
Computation Messages			
565.00	-.00	569.00	.000
		REVERSE FULL:	Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.10	-.00	569.00	.000
		REVERSE FULL:	Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.20	-.00	569.00	.000
		REVERSE FULL:	Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.25	-.00	569.00	.000
		REVERSE FULL:	Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.30	-.00	569.00	.000
		REVERSE FULL:	Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.40	-.00	569.00	.000
		REVERSE FULL:	Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.50	-.00	569.00	.000
		REVERSE FULL:	Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.60	-.00	569.00	.000
		REVERSE FULL:	Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.70	-.00	569.00	.000
		REVERSE FULL:	Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.75	-.00	569.00	.000
		REVERSE FULL:	Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.80	-.00	569.00	.000
		REVERSE FULL:	Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
565.90	-.00	569.00	.000
		REVERSE FULL:	Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
566.00	-.00	569.00	.000
		REVERSE FULL:	Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
566.10	-.00	569.00	.000
		REVERSE FULL:	Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
566.20	-.00	569.00	.000
		REVERSE FULL:	Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft

asbuilt basin 1 2 and 4.txt

566.25    -.00    569.00    .000  
 REVERSE FULL: Lfull=41.44ft    Vh=.000ft    HL=.000ft    Hev= .00ft  
 566.30    -.00    569.00    .000  
 REVERSE FULL: Lfull=41.44ft    Vh=.000ft    HL=.000ft    Hev= .00ft

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PondPack Ver:

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Type... Individual Outlet Curves  
 Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes				
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages			
566.40	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft
566.50	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft
566.60	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft
566.70	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft
566.75	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft
566.80	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft
566.90	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft
567.00	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft
567.10	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft
567.20	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft
567.25	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft
567.30	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft
567.40	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft
567.50	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft
567.60	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft
567.70	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft
567.75	-.00	569.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev= .00ft

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
567.80	-.00	569.00	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.90	-.00	569.00	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.00	-.00	569.00	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.10	-.00	569.00	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.20	-.00	569.00	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.25	-.00	569.00	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.30	-.00	569.00	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.40	-.00	569.00	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.50	-.00	569.00	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.60	-.00	569.00	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.70	-.00	569.00	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.75	-.00	569.00	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.80	-.00	569.00	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.90	-.00	569.00	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
569.00	.00	569.00	.000		
		Upstream HW & DNstream TW < Inv. EI			
569.10	.00	569.00	.000		
		Upstream HW & DNstream TW < Inv. EI			
569.20	.00	569.00	.000		
		Upstream HW & DNstream TW < Inv. EI			

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
569.25	.00	569.00	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.30	.00	569.00	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.40	.00	569.00	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.50	.00	569.00	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.60	.00	569.00	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.70	.00	569.00	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.75	.00	569.00	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.80	.00	569.00	.000	
		Upstream HW & DNstream TW < Inv. EI		
569.90	.00	569.00	.000	
		Upstream HW & DNstream TW < Inv. EI		
570.00	.00	569.00	.000	
		Upstream HW & DNstream TW < Inv. EI		
570.10	.00	569.00	.000	
		Upstream HW & DNstream TW < Inv. EI		
570.20	.00	569.00	.000	
		Upstream HW & DNstream TW < Inv. EI		
570.30	.04	569.00	.000	
		CRIT. DEPTH CONTROL		Vh= .042ft Dcr= .125ft H. JUMP IN PIPE Hev=
.00ft				
570.40	.18	569.00	.000	
		CRIT. DEPTH CONTROL		Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=
.00ft				
570.50	.38	569.00	.000	
		CRIT. DEPTH CONTROL		Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=
.00ft				
570.60	.57	569.00	.000	
		CRIT. DEPTH CONTROL		Vh= .097ft Dcr= .281ft H. JUMP IN PIPE Hev=
.00ft				
570.70	.88	569.00	.000	
		CRIT. DEPTH CONTROL		Vh= .108ft Dcr= .312ft H. JUMP IN PIPE Hev=
.00ft				

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
570.80	1.23	569.00	.000	Vh= .136ft	Dcr= .390ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
570.90	1.62	569.00	.000	Vh= .154ft	Dcr= .437ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.00	2.01	569.00	.000	Vh= .177ft	Dcr= .500ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.10	2.52	569.00	.000	Vh= .195ft	Dcr= .547ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.20	3.13	569.00	.000	Vh= .220ft	Dcr= .609ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.30	3.76	569.00	.000	Vh= .245ft	Dcr= .672ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.40	4.42	569.00	.000	Vh= .271ft	Dcr= .734ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.50	4.97	569.00	.000	Vh= .291ft	Dcr= .781ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.60	5.90	569.00	.000	Vh= .322ft	Dcr= .851ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.70	6.54	569.00	.000	Vh= .351ft	Dcr= .914ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.80	7.40	569.00	.000	Vh= .377ft	Dcr= .968ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
571.90	8.18	569.00	.000	Vh= .404ft	Dcr= 1.023ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
572.00	9.04	569.00	.000	Vh= .429ft	Dcr= 1.070ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
572.10	9.81	569.00	.000	Vh= .454ft	Dcr= 1.117ft	H. JUMP IN PIPE Hev=
		CRI T. DEPTH CONTROL				



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.00ft	572.20	10.77	569.00	.000			
			CRI T. DEPTH CONTROL		Vh= .485ft	Dcr= 1.171ft	H. JUMP IN PIPE Hev=
.00ft	572.30	11.58	569.00	.000			
			CRI T. DEPTH CONTROL		Vh= .513ft	Dcr= 1.218ft	H. JUMP IN PIPE Hev=
.00ft	572.40	12.43	569.00	.000			
			CRI T. DEPTH CONTROL		Vh= .548ft	Dcr= 1.273ft	H. JUMP IN PIPE Hev=

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
572.50	13.41	569.00	.000	
		CRI T. DEPTH CONTROL		Vh= .580ft Dcr= 1.320ft H. JUMP IN PIPE Hev=
.00ft				
572.60	14.27	569.00	.000	
		CRI T. DEPTH CONTROL		Vh= .615ft Dcr= 1.367ft H. JUMP IN PIPE Hev=
.00ft				
572.70	15.16	569.00	.000	
		CRI T. DEPTH CONTROL		Vh= .645ft Dcr= 1.406ft H. JUMP IN PIPE Hev=
.00ft				
572.80	16.11	569.00	.000	
		CRI T. DEPTH CONTROL		Vh= .685ft Dcr= 1.452ft H. JUMP IN PIPE Hev=
.00ft				
572.90	17.06	569.00	.000	
		CRI T. DEPTH CONTROL		Vh= .714ft Dcr= 1.484ft H. JUMP IN PIPE Hev=
.00ft				
573.00	17.77	569.00	.000	
		CRI T. DEPTH CONTROL		Vh= .753ft Dcr= 1.523ft H. JUMP IN PIPE Hev=
.00ft				
573.10	18.71	569.00	.000	
		CRI T. DEPTH CONTROL		Vh= .795ft Dcr= 1.562ft H. JUMP IN PIPE Hev=
.00ft				
573.20	19.60	569.00	.000	
		CRI T. DEPTH CONTROL		Vh= .828ft Dcr= 1.589ft H. JUMP IN PIPE Hev=
.00ft				
573.30	20.41	569.00	.000	
		CRI T. DEPTH CONTROL		Vh= .869ft Dcr= 1.620ft H. JUMP IN PIPE Hev=
.00ft				
573.40	21.24	569.00	.000	

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.00ft								
573.50	22.07	569.00	.000	CRI T. DEPTH CONTROL	Vh= .908ft	Dcr= 1.648ft	H. JUMP IN PIPE	Hev=
.00ft								
573.60	22.83	569.00	.000	CRI T. DEPTH CONTROL	Vh= .959ft	Dcr= 1.679ft	H. JUMP IN PIPE	Hev=
Hev= .00ft								
573.70	23.61	569.00	.000	CRI T. DEPTH CONTROL	Vh= 1.001ft	Dcr= 1.702ft	H. JUMP IN PIPE	
Hev= .00ft								
573.80	24.40	569.00	.000	CRI T. DEPTH CONTROL	Vh= 1.039ft	Dcr= 1.722ft	H. JUMP IN PIPE	
Hev= .00ft								
573.90	25.15	569.00	.000	CRI T. DEPTH CONTROL	Vh= 1.090ft	Dcr= 1.745ft	H. JUMP IN PIPE	
Hev= .00ft								
574.00	25.79	569.00	.000	CRI T. DEPTH CONTROL	Vh= 1.138ft	Dcr= 1.765ft	H. JUMP IN PIPE	
Hev= .00ft								

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
565.00	-59.84	569.25	.000		
565.10	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft HL=2.090ft Hev=.00ft
565.20	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft HL=2.090ft Hev=.00ft
565.25	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft HL=2.090ft Hev=.00ft
565.30	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft HL=2.090ft Hev=.00ft
565.40	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft HL=2.090ft Hev=.00ft
565.50	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft HL=2.090ft Hev=.00ft

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565.60	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft	Hev=.00ft
565.70	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft	Hev=.00ft
565.75	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft	Hev=.00ft
565.80	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft	Hev=.00ft
565.90	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft	Hev=.00ft
566.00	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft	Hev=.00ft
566.10	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft	Hev=.00ft
566.20	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft	Hev=.00ft

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
566.25	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft Hev=.00ft
566.30	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft Hev=.00ft
566.40	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft Hev=.00ft
566.50	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft Hev=.00ft
566.60	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft Hev=.00ft
566.70	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft Hev=.00ft
566.75	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft Hev=.00ft
566.80	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft Hev=.00ft
566.90	-59.84	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft Hev=.00ft
567.00	-59.65	569.25	.000	REVERSE FULL: Lfull=63.63ft	Vh=.880ft	HL=2.090ft Hev=.00ft

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567.10	-59.18	569.25	.000	REVERSE FULL: Lfull=64.22ft	Vh=.874ft	HL=2.082ft	Hev=.00ft
567.20	-58.29	569.25	.000	REVERSE FULL: Lfull=65.67ft	Vh=.861ft	HL=2.062ft	Hev=.00ft
567.25	-57.72	569.25	.000	REVERSE FULL: Lfull=68.29ft	Vh=.835ft	HL=2.025ft	Hev=.00ft
567.30	-56.98	569.25	.000	REVERSE FULL: Lfull=70.01ft	Vh=.819ft	HL=2.000ft	Hev=.00ft
567.40	-55.50	569.25	.000	REVERSE FULL: Lfull=70.01ft	Vh=.798ft	HL=1.949ft	Hev=.00ft
				REVERSE FULL: Lfull=70.01ft	Vh=.757ft	HL=1.849ft	Hev=.00ft

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
567.50	-54.00	569.25	.000			
		REVERSE FULL: Lfull=70.01ft		Vh=.717ft	HL=1.750ft	Hev=.00ft
567.60	-52.43	569.25	.000			
		REVERSE FULL: Lfull=70.01ft		Vh=.676ft	HL=1.650ft	Hev=.00ft
567.70	-50.83	569.25	.000			
		REVERSE FULL: Lfull=70.01ft		Vh=.635ft	HL=1.551ft	Hev=.00ft
567.75	-49.97	569.25	.000			
		REVERSE FULL: Lfull=70.01ft		Vh=.614ft	HL=1.499ft	Hev=.00ft
567.80	-49.16	569.25	.000			
		REVERSE FULL: Lfull=70.01ft		Vh=.594ft	HL=1.451ft	Hev=.00ft
567.90	-47.42	569.25	.000			
		REVERSE FULL: Lfull=70.01ft		Vh=.553ft	HL=1.350ft	Hev=.00ft
568.00	-45.63	569.25	.000			
		REVERSE FULL: Lfull=70.01ft		Vh=.512ft	HL=1.250ft	Hev=.00ft
568.10	-43.77	569.25	.000			
		REVERSE FULL: Lfull=70.01ft		Vh=.471ft	HL=1.150ft	Hev=.00ft
568.20	-41.82	569.25	.000			
		REVERSE FULL: Lfull=70.01ft		Vh=.430ft	HL=1.050ft	Hev=.00ft
568.25	-40.82	569.25	.000			
		REVERSE FULL: Lfull=70.01ft		Vh=.409ft	HL=1.000ft	Hev=.00ft
568.30	-39.77	569.25	.000			
		REVERSE FULL: Lfull=70.01ft		Vh=.389ft	HL=.949ft	Hev=.00ft
568.40	-37.62	569.25	.000			
		REVERSE FULL: Lfull=70.01ft		Vh=.348ft	HL=.850ft	Hev=.00ft

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568.50 -35.33 569.25 .000  
 REVERSE FULL: Lfull=70.01ft Vh=.307ft HL=.749ft Hev=.00ft  
 568.60 -32.90 569.25 .000  
 REVERSE FULL: Lfull=70.01ft Vh=.266ft HL=.650ft Hev=.00ft  
 568.70 -30.28 569.25 .000  
 REVERSE FULL: Lfull=70.01ft Vh=.225ft HL=.550ft Hev=.00ft

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Type... Individual Outlet Curves  
 Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
568.75	-28.85	569.25 .000			
		REVERSE FULL: Lfull=70.01ft	Vh=.205ft	HL=.500ft	Hev=.00ft
568.80	-27.37	569.25 .000			
		REVERSE FULL: Lfull=70.01ft	Vh=.184ft	HL=.450ft	Hev=.00ft
568.90	-24.13	569.25 .000			
		REVERSE FULL: Lfull=70.01ft	Vh=.143ft	HL=.349ft	Hev=.00ft
569.00	-20.41	569.25 .000			
		REVERSE FULL: Lfull=70.01ft	Vh=.102ft	HL=.250ft	Hev=.00ft
569.10	-15.83	569.25 .000			
		REVERSE FULL: Lfull=70.01ft	Vh=.062ft	HL=.150ft	Hev=.00ft
569.20	-9.16	569.25 .000			
		REVERSE FULL: Lfull=70.01ft	Vh=.021ft	HL=.050ft	Hev=.00ft
569.25	.00	569.25 .000			
		HW = TW elev			
569.30	9.14	569.25 .000			
		FULL FLOW... Lfull=70.01ft	Vh=.021ft	HL=.050ft	Hev=.00ft
569.40	15.79	569.25 .000			
		FULL FLOW... Lfull=70.01ft	Vh=.061ft	HL=.150ft	Hev=.00ft
569.50	20.42	569.25 .000			
		FULL FLOW... Lfull=70.01ft	Vh=.103ft	HL=.250ft	Hev=.00ft
569.60	24.13	569.25 .000			
		FULL FLOW... Lfull=70.01ft	Vh=.143ft	HL=.349ft	Hev=.00ft
569.70	27.39	569.25 .000			
		FULL FLOW... Lfull=70.01ft	Vh=.184ft	HL=.450ft	Hev=.00ft
569.75	28.85	569.25 .000			
		FULL FLOW... Lfull=70.01ft	Vh=.205ft	HL=.500ft	Hev=.00ft
569.80	30.26	569.25 .000			
		FULL FLOW... Lfull=70.01ft	Vh=.225ft	HL=.549ft	Hev=.00ft
569.90	32.92	569.25 .000			

asbuilt basin 1 2 and 4.txt  
 FULL FLOW... Lfull=70.01ft Vh=.266ft HL=.651ft Hev=.00ft

S/N:  
 PondPack Ver: Compute Time: Date:

♀ Type... Individual Outlet Curves Page 15.333  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs TW Elev ft Converge +/-ft	Computation Messages
570.00	35.35 569.25 .000	FULL FLOW... Lfull=70.01ft Vh=.307ft HL=.750ft Hev=.00ft
570.10	37.62 569.25 .000	FULL FLOW... Lfull=70.01ft Vh=.348ft HL=.850ft Hev=.00ft
570.20	39.78 569.25 .000	FULL FLOW... Lfull=70.01ft Vh=.389ft HL=.950ft Hev=.00ft
570.30	41.84 569.25 .000	FULL FLOW... Lfull=70.01ft Vh=.430ft HL=1.051ft Hev=.00ft
570.40	43.76 569.25 .000	FULL FLOW... Lfull=70.01ft Vh=.471ft HL=1.150ft Hev=.00ft
570.50	45.64 569.25 .000	FULL FLOW... Lfull=70.01ft Vh=.512ft HL=1.250ft Hev=.00ft
570.60	47.43 569.25 .000	FULL FLOW... Lfull=70.01ft Vh=.553ft HL=1.350ft Hev=.00ft
570.70	49.15 569.25 .000	FULL FLOW... Lfull=70.01ft Vh=.594ft HL=1.450ft Hev=.00ft
570.80	50.82 569.25 .000	FULL FLOW... Lfull=70.01ft Vh=.635ft HL=1.550ft Hev=.00ft
570.90	52.43 569.25 .000	FULL FLOW... Lfull=70.01ft Vh=.676ft HL=1.650ft Hev=.00ft
571.00	54.00 569.25 .000	FULL FLOW... Lfull=70.01ft Vh=.717ft HL=1.751ft Hev=.00ft
571.10	55.51 569.25 .000	FULL FLOW... Lfull=70.01ft Vh=.757ft HL=1.850ft Hev=.00ft
571.20	56.99 569.25 .000	FULL FLOW... Lfull=70.01ft Vh=.798ft HL=1.949ft Hev=.00ft
571.30	58.43 569.25 .000	FULL FLOW... Lfull=70.01ft Vh=.839ft HL=2.049ft Hev=.00ft
571.40	59.85 569.25 .000	FULL FLOW... Lfull=70.01ft Vh=.880ft HL=2.150ft Hev=.00ft

S/N:  
 PondPack Ver: Compute Time: Date:

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File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft
		Converge +/-ft
		Computation Messages
571.50	61.23	569.25 .000
		FULL FLOW... Lfull=70.01ft
		Vh=.921ft HL=2.250ft Hev=.00ft
571.60	62.57	569.25 .000
		FULL FLOW... Lfull=70.01ft
		Vh=.962ft HL=2.350ft Hev=.00ft
571.70	63.88	569.25 .000
		FULL FLOW... Lfull=70.01ft
		Vh=1.003ft HL=2.450ft Hev=.00ft
571.80	65.17	569.25 .000
		FULL FLOW... Lfull=70.01ft
		Vh=1.044ft HL=2.549ft Hev=.00ft
571.90	66.44	569.25 .000
		FULL FLOW... Lfull=70.01ft
		Vh=1.085ft HL=2.650ft Hev=.00ft
572.00	67.67	569.25 .000
		FULL FLOW... Lfull=70.01ft
		Vh=1.125ft HL=2.749ft Hev=.00ft
572.10	68.91	569.25 .000
		FULL FLOW... Lfull=70.01ft
		Vh=1.167ft HL=2.850ft Hev=.00ft
572.20	70.11	569.25 .000
		FULL FLOW... Lfull=70.01ft
		Vh=1.208ft HL=2.951ft Hev=.00ft
572.30	71.28	569.25 .000
		FULL FLOW... Lfull=70.01ft
		Vh=1.249ft HL=3.050ft Hev=.00ft
572.40	72.45	569.25 .000
		FULL FLOW... Lfull=70.01ft
		Vh=1.290ft HL=3.151ft Hev=.00ft
572.50	73.58	569.25 .000
		FULL FLOW... Lfull=70.01ft
		Vh=1.330ft HL=3.250ft Hev=.00ft
572.60	74.70	569.25 .000
		FULL FLOW... Lfull=70.01ft
		Vh=1.371ft HL=3.350ft Hev=.00ft
572.70	75.80	569.25 .000
		FULL FLOW... Lfull=70.01ft
		Vh=1.412ft HL=3.449ft Hev=.00ft
572.80	76.91	569.25 .000
		FULL FLOW... Lfull=70.01ft
		Vh=1.453ft HL=3.550ft Hev=.00ft
572.90	77.99	569.25 .000
		FULL FLOW... Lfull=70.01ft
		Vh=1.495ft HL=3.651ft Hev=.00ft

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 PondPack Ver: Compute Time: Date:

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asbuilt basin 1 2 and 4.txt

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
573.00	79.04	569.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.535ft	HL=3.750ft	Hev= .00ft
573.10	80.09	569.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.577ft	HL=3.851ft	Hev= .00ft
573.20	81.13	569.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.617ft	HL=3.951ft	Hev= .00ft
573.30	82.14	569.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.658ft	HL=4.050ft	Hev= .00ft
573.40	83.15	569.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.699ft	HL=4.150ft	Hev= .00ft
573.50	84.14	569.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.740ft	HL=4.249ft	Hev= .00ft
573.60	85.12	569.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.781ft	HL=4.349ft	Hev= .00ft
573.70	86.10	569.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.822ft	HL=4.450ft	Hev= .00ft
573.80	87.07	569.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.863ft	HL=4.550ft	Hev= .00ft
573.90	88.02	569.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.904ft	HL=4.650ft	Hev= .00ft
574.00	88.95	569.25	.000			
		FULL FLOW...	Lfull=70.01ft	Vh=1.945ft	HL=4.750ft	Hev= .00ft

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q Tail Water Notes  
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asbuilt basin 1 2 and 4.txt

WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
565.00	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.10	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.20	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.25	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.30	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.40	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.50	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.60	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.70	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.75	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.80	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.90	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.00	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.10	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.20	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.25	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.30	-.00	569.25	.000			
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages

asbuilt basin 1 2 and 4.txt

566.40	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.50	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.60	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.70	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.75	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.80	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.90	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.00	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.10	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.20	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.25	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.30	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.40	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.50	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.60	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.70	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.75	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
567.80	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.90	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft

asbuilt basin 1 2 and 4.txt

568.00	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
568.10	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
568.20	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
568.25	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
568.30	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
568.40	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
568.50	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
568.60	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
568.70	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
568.75	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
568.80	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
568.90	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
569.00	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
569.10	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
569.20	-.00	569.25	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
569.25	.00	569.25	.000
569.30	.00	569.25	.000
569.40	.00	569.25	.000
569.50	.00	569.25	.000

Upstream HW & DNstream TW < Inv. EI  
 Upstream HW & DNstream TW < Inv. EI  
 Upstream HW & DNstream TW < Inv. EI  
 Upstream HW & DNstream TW < Inv. EI

asbuilt basin 1 2 and 4.txt

569.60	.00	569.25	.000				
		Upstream HW & DNstream TW < Inv. El					
569.70	.00	569.25	.000				
		Upstream HW & DNstream TW < Inv. El					
569.75	.00	569.25	.000				
		Upstream HW & DNstream TW < Inv. El					
569.80	.00	569.25	.000				
		Upstream HW & DNstream TW < Inv. El					
569.90	.00	569.25	.000				
		Upstream HW & DNstream TW < Inv. El					
570.00	.00	569.25	.000				
		Upstream HW & DNstream TW < Inv. El					
570.10	.00	569.25	.000				
		Upstream HW & DNstream TW < Inv. El					
570.20	.00	569.25	.000				
		Upstream HW & DNstream TW < Inv. El					
570.30	.04	569.25	.000				
		CRIT. DEPTH CONTROL Vh= .042ft Dcr= .125ft H. JUMP IN PIPE Hev=					
.00ft							
570.40	.18	569.25	.000				
		CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=					
.00ft							
570.50	.38	569.25	.000				
		CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=					
.00ft							
570.60	.57	569.25	.000				
		CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft H. JUMP IN PIPE Hev=					
.00ft							
570.70	.88	569.25	.000				
		CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft H. JUMP IN PIPE Hev=					
.00ft							

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
570.80	1.23	569.25	.000	
		CRIT. DEPTH CONTROL Vh= .136ft Dcr= .390ft H. JUMP IN PIPE Hev=		
.00ft				
570.90	1.62	569.25	.000	
		CRIT. DEPTH CONTROL Vh= .154ft Dcr= .437ft H. JUMP IN PIPE Hev=		
.00ft				
571.00	2.01	569.25	.000	

asbuilt basin 1 2 and 4.txt

Depth (ft)	Station	Control	Vh (ft)	Dcr (ft)	Notes
571.10	2.52	569.25 .000	.177	.500	H. JUMP IN PIPE Hev=
571.20	3.13	569.25 .000	.195	.547	H. JUMP IN PIPE Hev=
571.30	3.76	569.25 .000	.220	.609	H. JUMP IN PIPE Hev=
571.40	4.42	569.25 .000	.245	.672	H. JUMP IN PIPE Hev=
571.50	4.97	569.25 .000	.271	.734	H. JUMP IN PIPE Hev=
571.60	5.90	569.25 .000	.291	.781	H. JUMP IN PIPE Hev=
571.70	6.54	569.25 .000	.322	.851	H. JUMP IN PIPE Hev=
571.80	7.40	569.25 .000	.351	.914	H. JUMP IN PIPE Hev=
571.90	8.18	569.25 .000	.377	.968	H. JUMP IN PIPE Hev=
572.00	9.04	569.25 .000	.404	1.023	H. JUMP IN PIPE Hev=
572.10	9.81	569.25 .000	.429	1.070	H. JUMP IN PIPE Hev=
572.20	10.77	569.25 .000	.454	1.117	H. JUMP IN PIPE Hev=
572.30	11.58	569.25 .000	.485	1.171	H. JUMP IN PIPE Hev=
572.40	12.43	569.25 .000	.513	1.218	H. JUMP IN PIPE Hev=
			.548	1.273	H. JUMP IN PIPE Hev=

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

asbuilt basin 1 2 and 4.txt

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
572.50	13.41	569.25	.000	Vh= .580ft	Dcr= 1.320ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.60	14.27	569.25	.000	Vh= .615ft	Dcr= 1.367ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.70	15.16	569.25	.000	Vh= .645ft	Dcr= 1.406ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.80	16.11	569.25	.000	Vh= .685ft	Dcr= 1.452ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
572.90	17.06	569.25	.000	Vh= .714ft	Dcr= 1.484ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.00	17.77	569.25	.000	Vh= .753ft	Dcr= 1.523ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.10	18.71	569.25	.000	Vh= .795ft	Dcr= 1.562ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.20	19.60	569.25	.000	Vh= .828ft	Dcr= 1.589ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.30	20.41	569.25	.000	Vh= .869ft	Dcr= 1.620ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.40	21.24	569.25	.000	Vh= .908ft	Dcr= 1.648ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.50	22.07	569.25	.000	Vh= .959ft	Dcr= 1.679ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH	CONTROL			
573.60	22.83	569.25	.000	Vh= 1.001ft	Dcr= 1.702ft	H. JUMP IN PIPE
Hev= .00ft		CRI T. DEPTH	CONTROL			
573.70	23.61	569.25	.000	Vh= 1.039ft	Dcr= 1.722ft	H. JUMP IN PIPE
Hev= .00ft		CRI T. DEPTH	CONTROL			
573.80	24.40	569.25	.000	Vh= 1.090ft	Dcr= 1.745ft	H. JUMP IN PIPE
Hev= .00ft		CRI T. DEPTH	CONTROL			
573.90	25.15	569.25	.000	Vh= 1.138ft	Dcr= 1.765ft	H. JUMP IN PIPE
Hev= .00ft		CRI T. DEPTH	CONTROL			
574.00	25.79	569.25	.000	Vh= 1.192ft	Dcr= 1.784ft	H. JUMP IN PIPE
Hev= .00ft		CRI T. DEPTH	CONTROL			

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Type... Individual Outlet Curves

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Name... Outlet 3

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4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS El ev, Device	Q	Tail Water	Notes		
WS El ev. ft	Q cfs	TW El ev. ft	Converge +/-ft	Computati on Messages	
565.00	-62.97	569.50	.000		
			REVERSE FULL: Lfull=64.74ft	Vh=.974ft	HL=2.325ft Hev=.00ft
565.10	-62.97	569.50	.000		
			REVERSE FULL: Lfull=64.74ft	Vh=.974ft	HL=2.325ft Hev=.00ft
565.20	-62.97	569.50	.000		
			REVERSE FULL: Lfull=64.74ft	Vh=.974ft	HL=2.325ft Hev=.00ft
565.25	-62.97	569.50	.000		
			REVERSE FULL: Lfull=64.74ft	Vh=.974ft	HL=2.325ft Hev=.00ft
565.30	-62.97	569.50	.000		
			REVERSE FULL: Lfull=64.74ft	Vh=.974ft	HL=2.325ft Hev=.00ft
565.40	-62.97	569.50	.000		
			REVERSE FULL: Lfull=64.74ft	Vh=.974ft	HL=2.325ft Hev=.00ft
565.50	-62.97	569.50	.000		
			REVERSE FULL: Lfull=64.74ft	Vh=.974ft	HL=2.325ft Hev=.00ft
565.60	-62.97	569.50	.000		
			REVERSE FULL: Lfull=64.74ft	Vh=.974ft	HL=2.325ft Hev=.00ft
565.70	-62.97	569.50	.000		
			REVERSE FULL: Lfull=64.74ft	Vh=.974ft	HL=2.325ft Hev=.00ft
565.75	-62.97	569.50	.000		
			REVERSE FULL: Lfull=64.74ft	Vh=.974ft	HL=2.325ft Hev=.00ft
565.80	-62.97	569.50	.000		
			REVERSE FULL: Lfull=64.74ft	Vh=.974ft	HL=2.325ft Hev=.00ft
565.90	-62.97	569.50	.000		
			REVERSE FULL: Lfull=64.74ft	Vh=.974ft	HL=2.325ft Hev=.00ft
566.00	-62.97	569.50	.000		
			REVERSE FULL: Lfull=64.74ft	Vh=.974ft	HL=2.325ft Hev=.00ft
566.10	-62.97	569.50	.000		
			REVERSE FULL: Lfull=64.74ft	Vh=.974ft	HL=2.325ft Hev=.00ft
566.20	-62.97	569.50	.000		
			REVERSE FULL: Lfull=64.74ft	Vh=.974ft	HL=2.325ft Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

RATING TABLE FOR ONE OUTLET TYPE

asbuilt basin 1 2 and 4.txt  
 Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
566.25	-62.97	569.50	.000			
		REVERSE FULL:	Lfull=64.74ft	Vh=.974ft	HL=2.325ft	Hev=.00ft
566.30	-62.97	569.50	.000			
		REVERSE FULL:	Lfull=64.74ft	Vh=.974ft	HL=2.325ft	Hev=.00ft
566.40	-62.97	569.50	.000			
		REVERSE FULL:	Lfull=64.74ft	Vh=.974ft	HL=2.325ft	Hev=.00ft
566.50	-62.97	569.50	.000			
		REVERSE FULL:	Lfull=64.74ft	Vh=.974ft	HL=2.325ft	Hev=.00ft
566.60	-62.97	569.50	.000			
		REVERSE FULL:	Lfull=64.74ft	Vh=.974ft	HL=2.325ft	Hev=.00ft
566.70	-62.97	569.50	.000			
		REVERSE FULL:	Lfull=64.74ft	Vh=.974ft	HL=2.325ft	Hev=.00ft
566.75	-62.97	569.50	.000			
		REVERSE FULL:	Lfull=64.74ft	Vh=.974ft	HL=2.325ft	Hev=.00ft
566.80	-62.97	569.50	.000			
		REVERSE FULL:	Lfull=64.74ft	Vh=.974ft	HL=2.325ft	Hev=.00ft
566.90	-62.97	569.50	.000			
		REVERSE FULL:	Lfull=64.74ft	Vh=.974ft	HL=2.325ft	Hev=.00ft
567.00	-62.89	569.50	.000			
		REVERSE FULL:	Lfull=64.91ft	Vh=.972ft	HL=2.322ft	Hev=.00ft
567.10	-62.47	569.50	.000			
		REVERSE FULL:	Lfull=66.20ft	Vh=.959ft	HL=2.303ft	Hev=.00ft
567.20	-61.75	569.50	.000			
		REVERSE FULL:	Lfull=68.44ft	Vh=.937ft	HL=2.273ft	Hev=.00ft
567.25	-61.23	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.921ft	HL=2.250ft	Hev=.00ft
567.30	-60.53	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.901ft	HL=2.200ft	Hev=.00ft
567.40	-59.15	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.860ft	HL=2.100ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)



asbuilt basin 1 2 and 4.txt

NUMBER OF BARRELS = 2  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
567.50	-57.72	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.819ft	HL=2.000ft	Hev=.00ft
567.60	-56.27	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.778ft	HL=1.900ft	Hev=.00ft
567.70	-54.76	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.737ft	HL=1.800ft	Hev=.00ft
567.75	-54.00	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.717ft	HL=1.750ft	Hev=.00ft
567.80	-53.22	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.696ft	HL=1.700ft	Hev=.00ft
567.90	-51.64	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.655ft	HL=1.601ft	Hev=.00ft
568.00	-49.97	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.614ft	HL=1.499ft	Hev=.00ft
568.10	-48.30	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.573ft	HL=1.401ft	Hev=.00ft
568.20	-46.54	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.532ft	HL=1.300ft	Hev=.00ft
568.25	-45.63	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.512ft	HL=1.250ft	Hev=.00ft
568.30	-44.73	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.492ft	HL=1.201ft	Hev=.00ft
568.40	-42.82	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.451ft	HL=1.101ft	Hev=.00ft
568.50	-40.82	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.409ft	HL=1.000ft	Hev=.00ft
568.60	-38.72	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.368ft	HL=.900ft	Hev=.00ft
568.70	-36.53	569.50	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.328ft	HL=.801ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

asbuilt basin 1 2 and 4.txt

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
568.75	-35.33	569.50	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.307ft	HL=.749ft Hev=.00ft
568.80	-34.14	569.50	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.286ft	HL=.700ft Hev=.00ft
568.90	-31.61	569.50	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.246ft	HL=.600ft Hev=.00ft
569.00	-28.85	569.50	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.205ft	HL=.500ft Hev=.00ft
569.10	-25.84	569.50	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.164ft	HL=.401ft Hev=.00ft
569.20	-22.36	569.50	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.123ft	HL=.300ft Hev=.00ft
569.25	-20.41	569.50	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.102ft	HL=.250ft Hev=.00ft
569.30	-18.22	569.50	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.082ft	HL=.199ft Hev=.00ft
569.40	-12.97	569.50	.000			
				REVERSE FULL: Lfull=70.01ft	Vh=.041ft	HL=.101ft Hev=.00ft
569.50	.00	569.50	.000			
				HW = TW elev		
569.60	12.90	569.50	.000			
				FULL FLOW... Lfull=70.01ft	Vh=.041ft	HL=.100ft Hev=.00ft
569.70	18.23	569.50	.000			
				FULL FLOW... Lfull=70.01ft	Vh=.082ft	HL=.200ft Hev=.00ft
569.75	20.41	569.50	.000			
				FULL FLOW... Lfull=70.01ft	Vh=.102ft	HL=.250ft Hev=.00ft
569.80	22.38	569.50	.000			
				FULL FLOW... Lfull=70.01ft	Vh=.123ft	HL=.301ft Hev=.00ft
569.90	25.84	569.50	.000			
				FULL FLOW... Lfull=70.01ft	Vh=.164ft	HL=.401ft Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		

asbuilt basin 1 2 and 4.txt

570.00	28.85	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.205ft	HL=.500ft	Hev=.00ft
570.10	31.61	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.246ft	HL=.600ft	Hev=.00ft
570.20	34.15	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.287ft	HL=.700ft	Hev=.00ft
570.30	36.51	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.328ft	HL=.800ft	Hev=.00ft
570.40	38.71	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.368ft	HL=.899ft	Hev=.00ft
570.50	40.82	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.409ft	HL=1.000ft	Hev=.00ft
570.60	42.82	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.451ft	HL=1.100ft	Hev=.00ft
570.70	44.72	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.492ft	HL=1.201ft	Hev=.00ft
570.80	46.54	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.532ft	HL=1.300ft	Hev=.00ft
570.90	48.29	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.573ft	HL=1.400ft	Hev=.00ft
571.00	49.99	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.614ft	HL=1.500ft	Hev=.00ft
571.10	51.62	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.655ft	HL=1.600ft	Hev=.00ft
571.20	53.22	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.696ft	HL=1.700ft	Hev=.00ft
571.30	54.77	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.737ft	HL=1.800ft	Hev=.00ft
571.40	56.27	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.778ft	HL=1.900ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes					
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages				
571.50	57.73	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.819ft	HL=2.000ft	Hev=.00ft
571.60	59.14	569.50	.000	FULL FLOW...	Lfull=70.01ft	Vh=.859ft	HL=2.099ft	Hev=.00ft
571.70	60.54	569.50	.000					

asbuilt basin 1 2 and 4.txt

571.80	61.89	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.901ft	HL=2.200ft	Hev=.00ft
571.90	63.23	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.941ft	HL=2.300ft	Hev=.00ft
572.00	64.54	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=.983ft	HL=2.400ft	Hev=.00ft
572.10	65.82	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.024ft	HL=2.500ft	Hev=.00ft
572.20	67.08	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.065ft	HL=2.601ft	Hev=.00ft
572.30	68.29	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.106ft	HL=2.701ft	Hev=.00ft
572.40	69.52	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.146ft	HL=2.800ft	Hev=.00ft
572.50	70.70	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.188ft	HL=2.901ft	Hev=.00ft
572.60	71.85	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.228ft	HL=3.001ft	Hev=.00ft
572.70	73.01	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.269ft	HL=3.099ft	Hev=.00ft
572.80	74.15	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.310ft	HL=3.200ft	Hev=.00ft
572.90	75.26	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.351ft	HL=3.300ft	Hev=.00ft
				FULL FLOW... Lfull=70.01ft	Vh=1.392ft	HL=3.400ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
573.00	76.35	569.50	.000	
573.10	77.44	569.50	.000	FULL FLOW... Lfull=70.01ft Vh=1.433ft HL=3.499ft Hev=.00ft
573.20	78.51	569.50	.000	FULL FLOW... Lfull=70.01ft Vh=1.474ft HL=3.600ft Hev=.00ft
573.30	79.57	569.50	.000	FULL FLOW... Lfull=70.01ft Vh=1.515ft HL=3.700ft Hev=.00ft
573.40	80.61	569.50	.000	FULL FLOW... Lfull=70.01ft Vh=1.556ft HL=3.801ft Hev=.00ft
				FULL FLOW... Lfull=70.01ft Vh=1.597ft HL=3.900ft Hev=.00ft

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573.50	81.63	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.638ft	HL=4.000ft	Hev= .00ft
573.60	82.66	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.679ft	HL=4.101ft	Hev= .00ft
573.70	83.65	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.719ft	HL=4.200ft	Hev= .00ft
573.80	84.64	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.761ft	HL=4.300ft	Hev= .00ft
573.90	85.62	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.801ft	HL=4.400ft	Hev= .00ft
574.00	86.59	569.50	.000	FULL FLOW... Lfull=70.01ft	Vh=1.842ft	HL=4.500ft	Hev= .00ft

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev. ft
565.00	-.00	569.50 .000
565.10	-.00	569.50 .000
565.20	-.00	569.50 .000
565.25	-.00	569.50 .000
565.30	-.00	569.50 .000
565.40	-.00	569.50 .000
565.50	-.00	569.50 .000
565.60	-.00	569.50 .000
565.70	-.00	569.50 .000
565.75	-.00	569.50 .000
565.80	-.00	569.50 .000
565.90	-.00	569.50 .000
566.00	-.00	569.50 .000

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566.10	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.20	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.25	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.30	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water		Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages			
566.40	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.50	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.60	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.70	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.75	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.80	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.90	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.00	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.10	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.20	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.25	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.30	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.40	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.50	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.60	-.00	569.50	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

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567.70    -.00    569.50    .000  
 REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft  
 567.75    -.00    569.50    .000  
 REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft  
 REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft
		Converge +/-ft
Computation Messages		
567.80	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft
567.90	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft
568.00	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft
568.10	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft
568.20	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft
568.25	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft
568.30	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft
568.40	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft
568.50	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft
568.60	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft
568.70	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft
568.75	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft
568.80	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft
568.90	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft
569.00	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft
569.10	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft
569.20	-.00	569.50 .000
		REVERSE FULL: Lfull=41.44ft   Vh=.000ft   HL=.000ft   Hev= .00ft

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 REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
569.25	-.00	569.50	.000		
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft			
569.30	-.00	569.50	.000		
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft			
569.40	-.00	569.50	.000		
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft			
569.50	.00	569.50	.000		
		Upstream HW & DNstream TW < Inv. EI			
569.60	.00	569.50	.000		
		Upstream HW & DNstream TW < Inv. EI			
569.70	.00	569.50	.000		
		Upstream HW & DNstream TW < Inv. EI			
569.75	.00	569.50	.000		
		Upstream HW & DNstream TW < Inv. EI			
569.80	.00	569.50	.000		
		Upstream HW & DNstream TW < Inv. EI			
569.90	.00	569.50	.000		
		Upstream HW & DNstream TW < Inv. EI			
570.00	.00	569.50	.000		
		Upstream HW & DNstream TW < Inv. EI			
570.10	.00	569.50	.000		
		Upstream HW & DNstream TW < Inv. EI			
570.20	.00	569.50	.000		
		Upstream HW & DNstream TW < Inv. EI			
570.30	.04	569.50	.000		
		CRIT. DEPTH CONTROL Vh=.042ft Dcr=.125ft H. JUMP IN PIPE Hev=.00ft			
570.40	.18	569.50	.000		
		CRIT. DEPTH CONTROL Vh=.064ft Dcr=.187ft H. JUMP IN PIPE Hev=.00ft			
570.50	.38	569.50	.000		
		CRIT. DEPTH CONTROL Vh=.064ft Dcr=.187ft H. JUMP IN PIPE Hev=.00ft			
570.60	.57	569.50	.000		
		CRIT. DEPTH CONTROL Vh=.097ft Dcr=.281ft H. JUMP IN PIPE Hev=.00ft			
570.70	.88	569.50	.000		



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 CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft H. JUMP IN PIPE Hev=

.00ft

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
Computation Messages			
570.80	1.23	569.50	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .136ft Dcr= .390ft H. JUMP IN PIPE Hev=
570.90	1.62	569.50	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .154ft Dcr= .437ft H. JUMP IN PIPE Hev=
571.00	2.01	569.50	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .177ft Dcr= .500ft H. JUMP IN PIPE Hev=
571.10	2.52	569.50	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .195ft Dcr= .547ft H. JUMP IN PIPE Hev=
571.20	3.13	569.50	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .220ft Dcr= .609ft H. JUMP IN PIPE Hev=
571.30	3.76	569.50	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .245ft Dcr= .672ft H. JUMP IN PIPE Hev=
571.40	4.42	569.50	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .271ft Dcr= .734ft H. JUMP IN PIPE Hev=
571.50	4.97	569.50	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .291ft Dcr= .781ft H. JUMP IN PIPE Hev=
571.60	5.90	569.50	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .322ft Dcr= .851ft H. JUMP IN PIPE Hev=
571.70	6.54	569.50	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .351ft Dcr= .914ft H. JUMP IN PIPE Hev=
571.80	7.40	569.50	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .377ft Dcr= .968ft H. JUMP IN PIPE Hev=
571.90	8.18	569.50	.000
.00ft		CRIT. DEPTH CONTROL	Vh= .404ft Dcr= 1.023ft H. JUMP IN PIPE Hev=

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572.00	9.04	569.50	.000				
.00ft		CRI T. DEPTH CONTROL		Vh= .429ft	Dcr= 1.070ft	H. JUMP IN PIPE	Hev=
572.10	9.81	569.50	.000				
.00ft		CRI T. DEPTH CONTROL		Vh= .454ft	Dcr= 1.117ft	H. JUMP IN PIPE	Hev=
572.20	10.77	569.50	.000				
.00ft		CRI T. DEPTH CONTROL		Vh= .485ft	Dcr= 1.171ft	H. JUMP IN PIPE	Hev=
572.30	11.58	569.50	.000				
.00ft		CRI T. DEPTH CONTROL		Vh= .513ft	Dcr= 1.218ft	H. JUMP IN PIPE	Hev=
572.40	12.43	569.50	.000				
.00ft		CRI T. DEPTH CONTROL		Vh= .548ft	Dcr= 1.273ft	H. JUMP IN PIPE	Hev=

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
572.50	13.41	569.50	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .580ft	Dcr= 1.320ft	H. JUMP IN PIPE
572.60	14.27	569.50	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .615ft	Dcr= 1.367ft	H. JUMP IN PIPE
572.70	15.16	569.50	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .645ft	Dcr= 1.406ft	H. JUMP IN PIPE
572.80	16.11	569.50	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .685ft	Dcr= 1.452ft	H. JUMP IN PIPE
572.90	17.06	569.50	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .714ft	Dcr= 1.484ft	H. JUMP IN PIPE
573.00	17.77	569.50	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .753ft	Dcr= 1.523ft	H. JUMP IN PIPE
573.10	18.71	569.50	.000			
.00ft		CRI T. DEPTH CONTROL		Vh= .795ft	Dcr= 1.562ft	H. JUMP IN PIPE
573.20	19.60	569.50	.000			
		CRI T. DEPTH CONTROL		Vh= .828ft	Dcr= 1.589ft	H. JUMP IN PIPE

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.00ft	573.30	20.41	569.50	.000				
			CRI T. DEPTH CONTROL		Vh= .869ft	Dcr= 1.620ft	H. JUMP IN PIPE	Hev=
.00ft	573.40	21.24	569.50	.000				
			CRI T. DEPTH CONTROL		Vh= .908ft	Dcr= 1.648ft	H. JUMP IN PIPE	Hev=
.00ft	573.50	22.07	569.50	.000				
			CRI T. DEPTH CONTROL		Vh= .959ft	Dcr= 1.679ft	H. JUMP IN PIPE	Hev=
.00ft	573.60	22.83	569.50	.000				
			CRI T. DEPTH CONTROL		Vh= 1.001ft	Dcr= 1.702ft	H. JUMP IN PIPE	
Hev= .00ft	573.70	23.61	569.50	.000				
			CRI T. DEPTH CONTROL		Vh= 1.039ft	Dcr= 1.722ft	H. JUMP IN PIPE	
Hev= .00ft	573.80	24.40	569.50	.000				
			CRI T. DEPTH CONTROL		Vh= 1.090ft	Dcr= 1.745ft	H. JUMP IN PIPE	
Hev= .00ft	573.90	25.15	569.50	.000				
			CRI T. DEPTH CONTROL		Vh= 1.138ft	Dcr= 1.765ft	H. JUMP IN PIPE	
Hev= .00ft	574.00	25.79	569.50	.000				
			CRI T. DEPTH CONTROL		Vh= 1.192ft	Dcr= 1.784ft	H. JUMP IN PIPE	
Hev= .00ft								

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
565.00	-65.97	569.75	.000	
		REVERSE FULL: Lfull=65.66ft		Vh=1.070ft HL=2.563ft Hev= .00ft
565.10	-65.97	569.75	.000	
		REVERSE FULL: Lfull=65.66ft		Vh=1.070ft HL=2.563ft Hev= .00ft
565.20	-65.97	569.75	.000	
		REVERSE FULL: Lfull=65.66ft		Vh=1.070ft HL=2.563ft Hev= .00ft
565.25	-65.97	569.75	.000	
		REVERSE FULL: Lfull=65.66ft		Vh=1.070ft HL=2.563ft Hev= .00ft
565.30	-65.97	569.75	.000	

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565.40	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft Vh=1.070ft HL=2.563ft Hev=.00ft
565.50	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft Vh=1.070ft HL=2.563ft Hev=.00ft
565.60	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft Vh=1.070ft HL=2.563ft Hev=.00ft
565.70	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft Vh=1.070ft HL=2.563ft Hev=.00ft
565.75	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft Vh=1.070ft HL=2.563ft Hev=.00ft
565.80	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft Vh=1.070ft HL=2.563ft Hev=.00ft
565.90	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft Vh=1.070ft HL=2.563ft Hev=.00ft
566.00	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft Vh=1.070ft HL=2.563ft Hev=.00ft
566.10	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft Vh=1.070ft HL=2.563ft Hev=.00ft
566.20	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft Vh=1.070ft HL=2.563ft Hev=.00ft

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
ft	cfs	TW Elev	Converge	Computati on Messages	
		ft	+/-ft		
566.25	-65.97	569.75	.000		
566.30	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft Vh=1.070ft HL=2.563ft Hev=.00ft	
566.40	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft Vh=1.070ft HL=2.563ft Hev=.00ft	
566.50	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft Vh=1.070ft HL=2.563ft Hev=.00ft	
566.60	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft Vh=1.070ft HL=2.563ft Hev=.00ft	
566.70	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft Vh=1.070ft HL=2.563ft Hev=.00ft	
566.75	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft Vh=1.070ft HL=2.563ft Hev=.00ft	

asbuilt basin 1 2 and 4.txt

566.80	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft	Vh=1.070ft	HL=2.563ft	Hev= .00ft
566.90	-65.97	569.75	.000	REVERSE FULL: Lfull=65.66ft	Vh=1.070ft	HL=2.563ft	Hev= .00ft
567.00	-65.95	569.75	.000	REVERSE FULL: Lfull=65.68ft	Vh=1.069ft	HL=2.561ft	Hev= .00ft
567.10	-65.66	569.75	.000	REVERSE FULL: Lfull=66.55ft	Vh=1.060ft	HL=2.549ft	Hev= .00ft
567.20	-65.02	569.75	.000	REVERSE FULL: Lfull=68.52ft	Vh=1.039ft	HL=2.521ft	Hev= .00ft
567.25	-64.54	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=1.024ft	HL=2.500ft	Hev= .00ft
567.30	-63.90	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=1.003ft	HL=2.451ft	Hev= .00ft
567.40	-62.56	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=.962ft	HL=2.349ft	Hev= .00ft

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Type... Individual Outlet Curves

Page 15.357

Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
567.50	-61.23	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=.921ft	HL=2.250ft Hev= .00ft
567.60	-59.84	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=.880ft	HL=2.150ft Hev= .00ft
567.70	-58.44	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=.839ft	HL=2.050ft Hev= .00ft
567.75	-57.72	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=.819ft	HL=2.000ft Hev= .00ft
567.80	-56.98	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=.798ft	HL=1.949ft Hev= .00ft
567.90	-55.50	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=.757ft	HL=1.849ft Hev= .00ft
568.00	-54.00	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=.717ft	HL=1.750ft Hev= .00ft
568.10	-52.43	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=.676ft	HL=1.650ft Hev= .00ft
568.20	-50.83	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=.635ft	HL=1.551ft Hev= .00ft
568.25	-49.97	569.75	.000			

asbuilt basin 1 2 and 4.txt

568.30	-49.16	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=.614ft	HL=1.499ft	Hev=.00ft
568.40	-47.42	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=.594ft	HL=1.451ft	Hev=.00ft
568.50	-45.63	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=.553ft	HL=1.350ft	Hev=.00ft
568.60	-43.77	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=.512ft	HL=1.250ft	Hev=.00ft
568.70	-41.82	569.75	.000	REVERSE FULL: Lfull=70.01ft	Vh=.471ft	HL=1.150ft	Hev=.00ft
				REVERSE FULL: Lfull=70.01ft	Vh=.430ft	HL=1.050ft	Hev=.00ft

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PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water		Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
568.75	-40.82	569.75	.000	
		REVERSE FULL: Lfull=70.01ft	Vh=.409ft	HL=1.000ft Hev=.00ft
568.80	-39.77	569.75	.000	
		REVERSE FULL: Lfull=70.01ft	Vh=.389ft	HL=.949ft Hev=.00ft
568.90	-37.62	569.75	.000	
		REVERSE FULL: Lfull=70.01ft	Vh=.348ft	HL=.850ft Hev=.00ft
569.00	-35.33	569.75	.000	
		REVERSE FULL: Lfull=70.01ft	Vh=.307ft	HL=.749ft Hev=.00ft
569.10	-32.90	569.75	.000	
		REVERSE FULL: Lfull=70.01ft	Vh=.266ft	HL=.650ft Hev=.00ft
569.20	-30.28	569.75	.000	
		REVERSE FULL: Lfull=70.01ft	Vh=.225ft	HL=.550ft Hev=.00ft
569.25	-28.85	569.75	.000	
		REVERSE FULL: Lfull=70.01ft	Vh=.205ft	HL=.500ft Hev=.00ft
569.30	-27.37	569.75	.000	
		REVERSE FULL: Lfull=70.01ft	Vh=.184ft	HL=.450ft Hev=.00ft
569.40	-24.13	569.75	.000	
		REVERSE FULL: Lfull=70.01ft	Vh=.143ft	HL=.349ft Hev=.00ft
569.50	-20.41	569.75	.000	
		REVERSE FULL: Lfull=70.01ft	Vh=.102ft	HL=.250ft Hev=.00ft
569.60	-15.83	569.75	.000	
		REVERSE FULL: Lfull=70.01ft	Vh=.062ft	HL=.150ft Hev=.00ft
569.70	-9.16	569.75	.000	
		REVERSE FULL: Lfull=70.01ft	Vh=.021ft	HL=.050ft Hev=.00ft

asbuilt basin 1 2 and 4.txt

569.75 .00 569.75 .000  
 HW = TW elev  
 569.80 9.14 569.75 .000  
 FULL FLOW... Lfull=70.01ft Vh=.021ft HL=.050ft Hev=.00ft  
 569.90 15.84 569.75 .000  
 FULL FLOW... Lfull=70.01ft Vh=.062ft HL=.151ft Hev=.00ft

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 PondPack Ver: Compute Time: Date:

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Type... Individual Outlet Curves Page 15.359  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
570.00	20.37	569.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.102ft	HL=.249ft Hev=.00ft
570.10	24.12	569.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.143ft	HL=.349ft Hev=.00ft
570.20	27.39	569.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.184ft	HL=.450ft Hev=.00ft
570.30	30.29	569.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.225ft	HL=.551ft Hev=.00ft
570.40	32.92	569.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.266ft	HL=.651ft Hev=.00ft
570.50	35.35	569.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.307ft	HL=.750ft Hev=.00ft
570.60	37.63	569.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.348ft	HL=.850ft Hev=.00ft
570.70	39.78	569.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.389ft	HL=.950ft Hev=.00ft
570.80	41.83	569.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.430ft	HL=1.050ft Hev=.00ft
570.90	43.78	569.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.471ft	HL=1.150ft Hev=.00ft
571.00	45.62	569.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.511ft	HL=1.249ft Hev=.00ft
571.10	47.43	569.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.553ft	HL=1.350ft Hev=.00ft
571.20	49.14	569.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.594ft	HL=1.450ft Hev=.00ft
571.30	50.82	569.75	.000		
		FULL FLOW...	Lfull=70.01ft	Vh=.635ft	HL=1.550ft Hev=.00ft
571.40	52.42	569.75	.000		

asbuilt basin 1 2 and 4.txt  
 FULL FLOW... Lfull=70.01ft Vh=.675ft HL=1.649ft Hev= .00ft

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♀ Type... Individual Outlet Curves Page 15.360  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs TW Elev ft Converge +/-ft	Computati on Messages
571.50	53.99 569.75 .000	FULL FLOW... Lfull=70.01ft Vh=.716ft HL=1.749ft Hev= .00ft
571.60	55.50 569.75 .000	FULL FLOW... Lfull=70.01ft Vh=.757ft HL=1.849ft Hev= .00ft
571.70	56.99 569.75 .000	FULL FLOW... Lfull=70.01ft Vh=.798ft HL=1.950ft Hev= .00ft
571.80	58.44 569.75 .000	FULL FLOW... Lfull=70.01ft Vh=.839ft HL=2.050ft Hev= .00ft
571.90	59.85 569.75 .000	FULL FLOW... Lfull=70.01ft Vh=.880ft HL=2.150ft Hev= .00ft
572.00	61.22 569.75 .000	FULL FLOW... Lfull=70.01ft Vh=.921ft HL=2.250ft Hev= .00ft
572.10	62.56 569.75 .000	FULL FLOW... Lfull=70.01ft Vh=.962ft HL=2.349ft Hev= .00ft
572.20	63.89 569.75 .000	FULL FLOW... Lfull=70.01ft Vh=1.003ft HL=2.450ft Hev= .00ft
572.30	65.18 569.75 .000	FULL FLOW... Lfull=70.01ft Vh=1.044ft HL=2.550ft Hev= .00ft
572.40	66.44 569.75 .000	FULL FLOW... Lfull=70.01ft Vh=1.085ft HL=2.650ft Hev= .00ft
572.50	67.69 569.75 .000	FULL FLOW... Lfull=70.01ft Vh=1.126ft HL=2.751ft Hev= .00ft
572.60	68.90 569.75 .000	FULL FLOW... Lfull=70.01ft Vh=1.167ft HL=2.850ft Hev= .00ft
572.70	70.10 569.75 .000	FULL FLOW... Lfull=70.01ft Vh=1.208ft HL=2.950ft Hev= .00ft
572.80	71.28 569.75 .000	FULL FLOW... Lfull=70.01ft Vh=1.249ft HL=3.050ft Hev= .00ft
572.90	72.43 569.75 .000	FULL FLOW... Lfull=70.01ft Vh=1.289ft HL=3.149ft Hev= .00ft

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 PondPack Ver: Compute Time: Date:

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft
Computation Messages		
573.00	73.58	569.75 .000
		FULL FLOW... Lfull=70.01ft
573.10	74.70	569.75 .000
		FULL FLOW... Lfull=70.01ft
573.20	75.81	569.75 .000
		FULL FLOW... Lfull=70.01ft
573.30	76.91	569.75 .000
		FULL FLOW... Lfull=70.01ft
573.40	77.98	569.75 .000
		FULL FLOW... Lfull=70.01ft
573.50	79.04	569.75 .000
		FULL FLOW... Lfull=70.01ft
573.60	80.08	569.75 .000
		FULL FLOW... Lfull=70.01ft
573.70	81.12	569.75 .000
		FULL FLOW... Lfull=70.01ft
573.80	82.14	569.75 .000
		FULL FLOW... Lfull=70.01ft
573.90	83.15	569.75 .000
		FULL FLOW... Lfull=70.01ft
574.00	84.14	569.75 .000
		FULL FLOW... Lfull=70.01ft

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Date:

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Type... Individual Outlet Curves  
Name... Outlet 3

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
Page 905

asbuilt basin 1 2 and 4.txt  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages	
565.00	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.10	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.20	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.25	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.30	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.40	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.50	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.60	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.70	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.75	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.80	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
565.90	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.00	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.10	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.20	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.25	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.30	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

asbuilt basin 1 2 and 4.txt

WS Elev, Device Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
566.40	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.50	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.60	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.70	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.75	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.80	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.90	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.00	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.10	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.20	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.25	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.30	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.40	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.50	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.60	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.70	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.75	-.00	569.75	.000		
		REVERSE FULL:	Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft

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PondPack Ver:

Compute Time:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
					Page 907

asbuilt basin 1 2 and 4.txt

WS Elev.	Q	TW Elev	Converge	Notes
ft	cfs	ft	+/-ft	Computati on Messages
567.80	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
567.90	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
568.00	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
568.10	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
568.20	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
568.25	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
568.30	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
568.40	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
568.50	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
568.60	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
568.70	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
568.75	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
568.80	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
568.90	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
569.00	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
569.10	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
569.20	-.00	569.75	.000	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev.	Device	Q	Tail Water	Notes
ft		cfs	ft	Computati on Messages
569.25		-.00	569.75	
				REVERSE FULL: Lful l =41.44ft Vh=.000ft HL=.000ft Hev= .00ft
569.30		-.00	569.75	

asbuilt basin 1 2 and 4.txt

569.40	-.00	569.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
569.50	-.00	569.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
569.60	-.00	569.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
569.70	-.00	569.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
569.75	.00	569.75	.000	REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev= .00ft
569.80	.00	569.75	.000	Upstream HW & DNstream TW < Inv. El
569.90	.00	569.75	.000	Upstream HW & DNstream TW < Inv. El
570.00	.00	569.75	.000	Upstream HW & DNstream TW < Inv. El
570.10	.00	569.75	.000	Upstream HW & DNstream TW < Inv. El
570.20	.00	569.75	.000	Upstream HW & DNstream TW < Inv. El
570.30	.04	569.75	.000	Upstream HW & DNstream TW < Inv. El
.00ft				CRIT. DEPTH CONTROL Vh= .042ft Dcr= .125ft H. JUMP IN PIPE Hev=
570.40	.18	569.75	.000	CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=
.00ft				
570.50	.38	569.75	.000	CRIT. DEPTH CONTROL Vh= .064ft Dcr= .187ft H. JUMP IN PIPE Hev=
.00ft				
570.60	.57	569.75	.000	CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft H. JUMP IN PIPE Hev=
.00ft				
570.70	.88	569.75	.000	CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft H. JUMP IN PIPE Hev=
.00ft				

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
570.80	1.23	569.75	.000	CRIT. DEPTH CONTROL Vh= .136ft Dcr= .390ft H. JUMP IN PIPE Hev=

asbuil t basin 1 2 and 4. txt

. 00ft	570. 90	1. 62	569. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 154ft	Dcr= . 437ft	H. JUMP IN PIPE	Hev=
. 00ft	571. 00	2. 01	569. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 177ft	Dcr= . 500ft	H. JUMP IN PIPE	Hev=
. 00ft	571. 10	2. 52	569. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 195ft	Dcr= . 547ft	H. JUMP IN PIPE	Hev=
. 00ft	571. 20	3. 13	569. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 220ft	Dcr= . 609ft	H. JUMP IN PIPE	Hev=
. 00ft	571. 30	3. 76	569. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 245ft	Dcr= . 672ft	H. JUMP IN PIPE	Hev=
. 00ft	571. 40	4. 42	569. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 271ft	Dcr= . 734ft	H. JUMP IN PIPE	Hev=
. 00ft	571. 50	4. 97	569. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 291ft	Dcr= . 781ft	H. JUMP IN PIPE	Hev=
. 00ft	571. 60	5. 90	569. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 322ft	Dcr= . 851ft	H. JUMP IN PIPE	Hev=
. 00ft	571. 70	6. 54	569. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 351ft	Dcr= . 914ft	H. JUMP IN PIPE	Hev=
. 00ft	571. 80	7. 40	569. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 377ft	Dcr= . 968ft	H. JUMP IN PIPE	Hev=
. 00ft	571. 90	8. 18	569. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 404ft	Dcr= 1. 023ft	H. JUMP IN PIPE	Hev=
. 00ft	572. 00	9. 04	569. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 429ft	Dcr= 1. 070ft	H. JUMP IN PIPE	Hev=
. 00ft	572. 10	9. 81	569. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 454ft	Dcr= 1. 117ft	H. JUMP IN PIPE	Hev=
. 00ft	572. 20	10. 77	569. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 485ft	Dcr= 1. 171ft	H. JUMP IN PIPE	Hev=
. 00ft	572. 30	11. 58	569. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 513ft	Dcr= 1. 218ft	H. JUMP IN PIPE	Hev=
. 00ft	572. 40	12. 43	569. 75	. 000				
			CRI T. DEPTH CONTROL		Vh= . 548ft	Dcr= 1. 273ft	H. JUMP IN PIPE	Hev=

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Type. . . . Individual Outlet Curves

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Name. . . . Outlet 3

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)  
Page 910

asbuilt basin 1 2 and 4.txt

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
572.50	13.41	569.75	.000	Vh= .580ft	Dcr= 1.320ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
572.60	14.27	569.75	.000	Vh= .615ft	Dcr= 1.367ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
572.70	15.16	569.75	.000	Vh= .645ft	Dcr= 1.406ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
572.80	16.11	569.75	.000	Vh= .685ft	Dcr= 1.452ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
572.90	17.06	569.75	.000	Vh= .714ft	Dcr= 1.484ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
573.00	17.77	569.75	.000	Vh= .753ft	Dcr= 1.523ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
573.10	18.71	569.75	.000	Vh= .795ft	Dcr= 1.562ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
573.20	19.60	569.75	.000	Vh= .828ft	Dcr= 1.589ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
573.30	20.41	569.75	.000	Vh= .869ft	Dcr= 1.620ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
573.40	21.24	569.75	.000	Vh= .908ft	Dcr= 1.648ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
573.50	22.07	569.75	.000	Vh= .959ft	Dcr= 1.679ft	H. JUMP IN PIPE Hev=
.00ft		CRI T. DEPTH CONTROL				
573.60	22.83	569.75	.000	Vh= 1.001ft	Dcr= 1.702ft	H. JUMP IN PIPE
Hev= .00ft		CRI T. DEPTH CONTROL				
573.70	23.61	569.75	.000	Vh= 1.039ft	Dcr= 1.722ft	H. JUMP IN PIPE
Hev= .00ft		CRI T. DEPTH CONTROL				
573.80	24.40	569.75	.000	Vh= 1.090ft	Dcr= 1.745ft	H. JUMP IN PIPE
Hev= .00ft		CRI T. DEPTH CONTROL				
573.90	25.15	569.75	.000	Vh= 1.138ft	Dcr= 1.765ft	H. JUMP IN PIPE
Hev= .00ft		CRI T. DEPTH CONTROL				
574.00	25.79	569.75	.000	Vh= 1.192ft	Dcr= 1.784ft	H. JUMP IN PIPE
Hev= .00ft		CRI T. DEPTH CONTROL				

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Type... Individual Outlet Curves  
 Name... Outlet 3

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft
Computati on Messages		
565.00	-68.86	570.00 .000
		REVERSE FULL: Lfull=66.44ft Vh=1.165ft HL=2.802ft Hev= .00ft
565.10	-68.86	570.00 .000
		REVERSE FULL: Lfull=66.44ft Vh=1.165ft HL=2.802ft Hev= .00ft
565.20	-68.86	570.00 .000
		REVERSE FULL: Lfull=66.44ft Vh=1.165ft HL=2.802ft Hev= .00ft
565.25	-68.86	570.00 .000
		REVERSE FULL: Lfull=66.44ft Vh=1.165ft HL=2.802ft Hev= .00ft
565.30	-68.86	570.00 .000
		REVERSE FULL: Lfull=66.44ft Vh=1.165ft HL=2.802ft Hev= .00ft
565.40	-68.86	570.00 .000
		REVERSE FULL: Lfull=66.44ft Vh=1.165ft HL=2.802ft Hev= .00ft
565.50	-68.86	570.00 .000
		REVERSE FULL: Lfull=66.44ft Vh=1.165ft HL=2.802ft Hev= .00ft
565.60	-68.86	570.00 .000
		REVERSE FULL: Lfull=66.44ft Vh=1.165ft HL=2.802ft Hev= .00ft
565.70	-68.86	570.00 .000
		REVERSE FULL: Lfull=66.44ft Vh=1.165ft HL=2.802ft Hev= .00ft
565.75	-68.86	570.00 .000
		REVERSE FULL: Lfull=66.44ft Vh=1.165ft HL=2.802ft Hev= .00ft
565.80	-68.86	570.00 .000
		REVERSE FULL: Lfull=66.44ft Vh=1.165ft HL=2.802ft Hev= .00ft
565.90	-68.86	570.00 .000
		REVERSE FULL: Lfull=66.44ft Vh=1.165ft HL=2.802ft Hev= .00ft
566.00	-68.86	570.00 .000
		REVERSE FULL: Lfull=66.44ft Vh=1.165ft HL=2.802ft Hev= .00ft
566.10	-68.86	570.00 .000
		REVERSE FULL: Lfull=66.44ft Vh=1.165ft HL=2.802ft Hev= .00ft
566.20	-68.86	570.00 .000
		REVERSE FULL: Lfull=66.44ft Vh=1.165ft HL=2.802ft Hev= .00ft

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 PondPack Ver: Compute Time: Date:

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Type... Individual Outlet Curves  
 Name... Outlet 3

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 Page 912



4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
566.25	-68.86	570.00	.000		
			REVERSE FULL: Lfull=66.44ft	Vh=1.165ft	HL=2.802ft Hev= .00ft
566.30	-68.86	570.00	.000		
			REVERSE FULL: Lfull=66.44ft	Vh=1.165ft	HL=2.802ft Hev= .00ft
566.40	-68.86	570.00	.000		
			REVERSE FULL: Lfull=66.44ft	Vh=1.165ft	HL=2.802ft Hev= .00ft
566.50	-68.86	570.00	.000		
			REVERSE FULL: Lfull=66.44ft	Vh=1.165ft	HL=2.802ft Hev= .00ft
566.60	-68.86	570.00	.000		
			REVERSE FULL: Lfull=66.44ft	Vh=1.165ft	HL=2.802ft Hev= .00ft
566.70	-68.86	570.00	.000		
			REVERSE FULL: Lfull=66.44ft	Vh=1.165ft	HL=2.802ft Hev= .00ft
566.75	-68.86	570.00	.000		
			REVERSE FULL: Lfull=66.44ft	Vh=1.165ft	HL=2.802ft Hev= .00ft
566.80	-68.86	570.00	.000		
			REVERSE FULL: Lfull=66.44ft	Vh=1.165ft	HL=2.802ft Hev= .00ft
566.90	-68.86	570.00	.000		
			REVERSE FULL: Lfull=66.44ft	Vh=1.165ft	HL=2.802ft Hev= .00ft
567.00	-68.86	570.00	.000		
			REVERSE FULL: Lfull=66.44ft	Vh=1.165ft	HL=2.802ft Hev= .00ft
567.10	-68.71	570.00	.000		
			REVERSE FULL: Lfull=66.86ft	Vh=1.160ft	HL=2.795ft Hev= .00ft
567.20	-68.12	570.00	.000		
			REVERSE FULL: Lfull=68.64ft	Vh=1.140ft	HL=2.769ft Hev= .00ft
567.25	-67.69	570.00	.000		
			REVERSE FULL: Lfull=70.01ft	Vh=1.126ft	HL=2.750ft Hev= .00ft
567.30	-67.07	570.00	.000		
			REVERSE FULL: Lfull=70.01ft	Vh=1.105ft	HL=2.700ft Hev= .00ft
567.40	-65.80	570.00	.000		
			REVERSE FULL: Lfull=70.01ft	Vh=1.064ft	HL=2.599ft Hev= .00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

RATING TABLE FOR ONE OUTLET TYPE

asbuilt basin 1 2 and 4.txt  
 Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
 EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
567.50	-64.54	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=1.024ft	HL=2.500ft	Hev=.00ft
567.60	-63.23	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.982ft	HL=2.400ft	Hev=.00ft
567.70	-61.89	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.941ft	HL=2.300ft	Hev=.00ft
567.75	-61.23	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.921ft	HL=2.250ft	Hev=.00ft
567.80	-60.53	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.901ft	HL=2.200ft	Hev=.00ft
567.90	-59.15	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.860ft	HL=2.100ft	Hev=.00ft
568.00	-57.72	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.819ft	HL=2.000ft	Hev=.00ft
568.10	-56.27	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.778ft	HL=1.900ft	Hev=.00ft
568.20	-54.76	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.737ft	HL=1.800ft	Hev=.00ft
568.25	-54.00	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.717ft	HL=1.750ft	Hev=.00ft
568.30	-53.22	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.696ft	HL=1.700ft	Hev=.00ft
568.40	-51.64	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.655ft	HL=1.601ft	Hev=.00ft
568.50	-49.97	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.614ft	HL=1.499ft	Hev=.00ft
568.60	-48.30	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.573ft	HL=1.401ft	Hev=.00ft
568.70	-46.54	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.532ft	HL=1.300ft	Hev=.00ft

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

asbuilt basin 1 2 and 4.txt

NUMBER OF BARRELS = 2  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
568.75	-45.63	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.512ft	HL=1.250ft	Hev=.00ft
568.80	-44.73	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.492ft	HL=1.201ft	Hev=.00ft
568.90	-42.82	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.451ft	HL=1.101ft	Hev=.00ft
569.00	-40.82	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.409ft	HL=1.000ft	Hev=.00ft
569.10	-38.72	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.368ft	HL=.900ft	Hev=.00ft
569.20	-36.53	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.328ft	HL=.801ft	Hev=.00ft
569.25	-35.33	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.307ft	HL=.749ft	Hev=.00ft
569.30	-34.14	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.286ft	HL=.700ft	Hev=.00ft
569.40	-31.61	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.246ft	HL=.600ft	Hev=.00ft
569.50	-28.85	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.205ft	HL=.500ft	Hev=.00ft
569.60	-25.84	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.164ft	HL=.401ft	Hev=.00ft
569.70	-22.36	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.123ft	HL=.300ft	Hev=.00ft
569.75	-20.41	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.102ft	HL=.250ft	Hev=.00ft
569.80	-18.22	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.082ft	HL=.199ft	Hev=.00ft
569.90	-12.97	570.00	.000			
		REVERSE FULL:	Lfull=70.01ft	Vh=.041ft	HL=.101ft	Hev=.00ft

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2  
EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
570.00	.00	570.00	.000	
		HW = TW elev		
570.10	12.84	570.00	.000	
		FULL FLOW... Lfull=70.01ft Vh=.041ft HL=.099ft Hev=.00ft		
570.20	18.28	570.00	.000	
		FULL FLOW... Lfull=70.01ft Vh=.082ft HL=.201ft Hev=.00ft		
570.30	22.34	570.00	.000	
		FULL FLOW... Lfull=70.01ft Vh=.123ft HL=.300ft Hev=.00ft		
570.40	25.80	570.00	.000	
		FULL FLOW... Lfull=70.01ft Vh=.164ft HL=.400ft Hev=.00ft		
570.50	28.83	570.00	.000	
		FULL FLOW... Lfull=70.01ft Vh=.204ft HL=.499ft Hev=.00ft		
570.60	31.61	570.00	.000	
		FULL FLOW... Lfull=70.01ft Vh=.245ft HL=.600ft Hev=.00ft		
570.70	34.13	570.00	.000	
		FULL FLOW... Lfull=70.01ft Vh=.286ft HL=.699ft Hev=.00ft		
570.80	36.52	570.00	.000	
		FULL FLOW... Lfull=70.01ft Vh=.328ft HL=.801ft Hev=.00ft		
570.90	38.72	570.00	.000	
		FULL FLOW... Lfull=70.01ft Vh=.368ft HL=.900ft Hev=.00ft		
571.00	40.82	570.00	.000	
		FULL FLOW... Lfull=70.01ft Vh=.410ft HL=1.000ft Hev=.00ft		
571.10	42.82	570.00	.000	
		FULL FLOW... Lfull=70.01ft Vh=.451ft HL=1.100ft Hev=.00ft		
571.20	44.69	570.00	.000	
		FULL FLOW... Lfull=70.01ft Vh=.491ft HL=1.199ft Hev=.00ft		
571.30	46.53	570.00	.000	
		FULL FLOW... Lfull=70.01ft Vh=.532ft HL=1.300ft Hev=.00ft		
571.40	48.28	570.00	.000	
		FULL FLOW... Lfull=70.01ft Vh=.573ft HL=1.399ft Hev=.00ft		

S/N:

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Compute Time:

Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages

asbuilt basin 1 2 and 4.txt

571.50	50.00	570.00	.000	FULL FLOW...	Lfull=70.01ft	Vh=.614ft	HL=1.501ft	Hev=.00ft
571.60	51.63	570.00	.000	FULL FLOW...	Lfull=70.01ft	Vh=.655ft	HL=1.600ft	Hev=.00ft
571.70	53.23	570.00	.000	FULL FLOW...	Lfull=70.01ft	Vh=.696ft	HL=1.701ft	Hev=.00ft
571.80	54.76	570.00	.000	FULL FLOW...	Lfull=70.01ft	Vh=.737ft	HL=1.800ft	Hev=.00ft
571.90	56.26	570.00	.000	FULL FLOW...	Lfull=70.01ft	Vh=.778ft	HL=1.900ft	Hev=.00ft
572.00	57.73	570.00	.000	FULL FLOW...	Lfull=70.01ft	Vh=.819ft	HL=2.001ft	Hev=.00ft
572.10	59.16	570.00	.000	FULL FLOW...	Lfull=70.01ft	Vh=.860ft	HL=2.101ft	Hev=.00ft
572.20	60.54	570.00	.000	FULL FLOW...	Lfull=70.01ft	Vh=.901ft	HL=2.200ft	Hev=.00ft
572.30	61.91	570.00	.000	FULL FLOW...	Lfull=70.01ft	Vh=.942ft	HL=2.300ft	Hev=.00ft
572.40	63.24	570.00	.000	FULL FLOW...	Lfull=70.01ft	Vh=.983ft	HL=2.400ft	Hev=.00ft
572.50	64.52	570.00	.000	FULL FLOW...	Lfull=70.01ft	Vh=1.023ft	HL=2.499ft	Hev=.00ft
572.60	65.81	570.00	.000	FULL FLOW...	Lfull=70.01ft	Vh=1.064ft	HL=2.600ft	Hev=.00ft
572.70	67.06	570.00	.000	FULL FLOW...	Lfull=70.01ft	Vh=1.105ft	HL=2.699ft	Hev=.00ft
572.80	68.31	570.00	.000	FULL FLOW...	Lfull=70.01ft	Vh=1.147ft	HL=2.801ft	Hev=.00ft
572.90	69.52	570.00	.000	FULL FLOW...	Lfull=70.01ft	Vh=1.188ft	HL=2.901ft	Hev=.00ft

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Compute Time:

Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 39.82 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

NUMBER OF BARRELS = 2

EACH FLOW = SUM OF BARRELS x FLOW FOR ONE BARREL

WS Elev, Device Q	Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
573.00	70.70	570.00	.000
573.10	71.85	570.00	.000
573.20	73.02	570.00	.000

asbuilt basin 1 2 and 4.txt

573.30	74.14	FULL FLOW... Lfull=70.01ft Vh=1.310ft HL=3.200ft Hev=.00ft
		570.00 .000
573.40	75.26	FULL FLOW... Lfull=70.01ft Vh=1.351ft HL=3.300ft Hev=.00ft
		570.00 .000
573.50	76.37	FULL FLOW... Lfull=70.01ft Vh=1.392ft HL=3.400ft Hev=.00ft
		570.00 .000
573.60	77.44	FULL FLOW... Lfull=70.01ft Vh=1.433ft HL=3.501ft Hev=.00ft
		570.00 .000
573.70	78.51	FULL FLOW... Lfull=70.01ft Vh=1.474ft HL=3.600ft Hev=.00ft
		570.00 .000
573.80	79.56	FULL FLOW... Lfull=70.01ft Vh=1.515ft HL=3.700ft Hev=.00ft
		570.00 .000
573.90	80.60	FULL FLOW... Lfull=70.01ft Vh=1.555ft HL=3.799ft Hev=.00ft
		570.00 .000
574.00	81.63	FULL FLOW... Lfull=70.01ft Vh=1.597ft HL=3.900ft Hev=.00ft
		570.00 .000
		FULL FLOW... Lfull=70.01ft Vh=1.637ft HL=4.000ft Hev=.00ft

S/N:  
PondPack Ver: Compute Time: Date:  
♀ Type... Individual Outlet Curves Page 15.375  
Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)  
-----  
Mannings open channel maximum capacity: 42.48 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge +/-ft
-----		
Computati on Messages		
-----		
565.00	-.00	570.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.10	-.00	570.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.20	-.00	570.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.25	-.00	570.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.30	-.00	570.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.40	-.00	570.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.50	-.00	570.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.60	-.00	570.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.70	-.00	570.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft
565.75	-.00	570.00 .000
		REVERSE FULL: Lfull=41.44ft Vh=.000ft HL=.000ft Hev=.00ft

asbuilt basin 1 2 and 4.txt

565.80	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
565.90	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.00	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.10	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.20	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.25	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
566.30	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

S/N:

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Date:

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Type... Individual Outlet Curves

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages		
566.40	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.50	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.60	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.70	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.75	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.80	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
566.90	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.00	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.10	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.20	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.25	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.30	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft

asbuilt basin 1 2 and 4.txt

567.40	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.50	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.60	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.70	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
567.75	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes			
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
567.80	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
567.90	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.00	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.10	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.20	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.25	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.30	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.40	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.50	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.60	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.70	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.75	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.80	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft
568.90	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft Hev=.00ft



asbuilt basin 1 2 and 4.txt

569.00	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
569.10	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
569.20	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft

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Compute Time:

Date:

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Type... Individual Outlet Curves  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes				
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages			
569.25	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
569.30	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
569.40	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
569.50	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
569.60	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
569.70	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
569.75	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
569.80	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
569.90	-.00	570.00	.000	REVERSE FULL: Lfull=41.44ft	Vh=.000ft	HL=.000ft	Hev=.00ft
570.00	.00	570.00	.000	Upstream HW & DNstream TW < Inv. EI			
570.10	.00	570.00	.000	Upstream HW & DNstream TW < Inv. EI			
570.20	.00	570.00	.000	Upstream HW & DNstream TW < Inv. EI			
570.30	.04	570.00	.000	CRI T. DEPTH CONTROL	Vh= .042ft	Dcr= .125ft	H. JUMP IN PIPE Hev=.00ft
570.40	.18	570.00	.000	CRI T. DEPTH CONTROL	Vh= .064ft	Dcr= .187ft	H. JUMP IN PIPE Hev=.00ft
570.50	.38	570.00	.000	CRI T. DEPTH CONTROL	Vh= .064ft	Dcr= .187ft	H. JUMP IN PIPE Hev=.00ft

asbuilt basin 1 2 and 4.txt

.00ft  
 570.60 .57 570.00 .000  
 CRIT. DEPTH CONTROL Vh= .097ft Dcr= .281ft H. JUMP IN PIPE Hev=  
 .00ft  
 570.70 .88 570.00 .000  
 CRIT. DEPTH CONTROL Vh= .108ft Dcr= .312ft H. JUMP IN PIPE Hev=  
 .00ft

S/N:  
 PondPack Ver: Compute Time: Date:

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 Type... Individual Outlet Curves Page 15.379  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
570.80	1.23	570.00	.000	Vh= .136ft	Dcr= .390ft	H. JUMP IN PIPE Hev=
.00ft 570.90	1.62	570.00	.000	Vh= .154ft	Dcr= .437ft	H. JUMP IN PIPE Hev=
.00ft 571.00	2.01	570.00	.000	Vh= .177ft	Dcr= .500ft	H. JUMP IN PIPE Hev=
.00ft 571.10	2.52	570.00	.000	Vh= .195ft	Dcr= .547ft	H. JUMP IN PIPE Hev=
.00ft 571.20	3.13	570.00	.000	Vh= .220ft	Dcr= .609ft	H. JUMP IN PIPE Hev=
.00ft 571.30	3.76	570.00	.000	Vh= .245ft	Dcr= .672ft	H. JUMP IN PIPE Hev=
.00ft 571.40	4.42	570.00	.000	Vh= .271ft	Dcr= .734ft	H. JUMP IN PIPE Hev=
.00ft 571.50	4.97	570.00	.000	Vh= .291ft	Dcr= .781ft	H. JUMP IN PIPE Hev=
.00ft 571.60	5.90	570.00	.000	Vh= .322ft	Dcr= .851ft	H. JUMP IN PIPE Hev=
.00ft 571.70	6.54	570.00	.000	Vh= .351ft	Dcr= .914ft	H. JUMP IN PIPE Hev=
.00ft 571.80	7.40	570.00	.000			

asbuilt basin 1 2 and 4.txt

.00ft	571.90	8.18	570.00	.000	CRI T. DEPTH CONTROL	Vh= .377ft	Dcr= .968ft	H. JUMP IN PIPE Hev=
.00ft	572.00	9.04	570.00	.000	CRI T. DEPTH CONTROL	Vh= .404ft	Dcr= 1.023ft	H. JUMP IN PIPE Hev=
.00ft	572.10	9.81	570.00	.000	CRI T. DEPTH CONTROL	Vh= .429ft	Dcr= 1.070ft	H. JUMP IN PIPE Hev=
.00ft	572.20	10.77	570.00	.000	CRI T. DEPTH CONTROL	Vh= .454ft	Dcr= 1.117ft	H. JUMP IN PIPE Hev=
.00ft	572.30	11.58	570.00	.000	CRI T. DEPTH CONTROL	Vh= .485ft	Dcr= 1.171ft	H. JUMP IN PIPE Hev=
.00ft	572.40	12.43	570.00	.000	CRI T. DEPTH CONTROL	Vh= .513ft	Dcr= 1.218ft	H. JUMP IN PIPE Hev=
.00ft						Vh= .548ft	Dcr= 1.273ft	H. JUMP IN PIPE Hev=

S/N:

PondPack Ver:

Compute Time:

Date:

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Type. . . . Individual Outlet Curves

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Name. . . . Outlet 3

File. . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Culvert-Circular)

Mannings open channel maximum capacity: 42.48 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computation Messages
572.50	13.41	570.00	.000	
.00ft				CRI T. DEPTH CONTROL Vh= .580ft Dcr= 1.320ft H. JUMP IN PIPE Hev=
572.60	14.27	570.00	.000	
.00ft				CRI T. DEPTH CONTROL Vh= .615ft Dcr= 1.367ft H. JUMP IN PIPE Hev=
572.70	15.16	570.00	.000	
.00ft				CRI T. DEPTH CONTROL Vh= .645ft Dcr= 1.406ft H. JUMP IN PIPE Hev=
572.80	16.11	570.00	.000	
.00ft				CRI T. DEPTH CONTROL Vh= .685ft Dcr= 1.452ft H. JUMP IN PIPE Hev=
572.90	17.06	570.00	.000	
.00ft				CRI T. DEPTH CONTROL Vh= .714ft Dcr= 1.484ft H. JUMP IN PIPE Hev=
573.00	17.77	570.00	.000	
.00ft				CRI T. DEPTH CONTROL Vh= .753ft Dcr= 1.523ft H. JUMP IN PIPE Hev=

asbuilt basin 1 2 and 4.txt

573.10	18.71	570.00	.000	Vh= .795ft	Dcr= 1.562ft	H. JUMP IN PIPE	Hev=
.00ft							
573.20	19.60	570.00	.000	Vh= .828ft	Dcr= 1.589ft	H. JUMP IN PIPE	Hev=
.00ft							
573.30	20.41	570.00	.000	Vh= .869ft	Dcr= 1.620ft	H. JUMP IN PIPE	Hev=
.00ft							
573.40	21.24	570.00	.000	Vh= .908ft	Dcr= 1.648ft	H. JUMP IN PIPE	Hev=
.00ft							
573.50	22.07	570.00	.000	Vh= .959ft	Dcr= 1.679ft	H. JUMP IN PIPE	Hev=
.00ft							
573.60	22.83	570.00	.000	Vh= 1.001ft	Dcr= 1.702ft	H. JUMP IN PIPE	Hev=
.00ft							
573.70	23.61	570.00	.000	Vh= 1.039ft	Dcr= 1.722ft	H. JUMP IN PIPE	Hev=
.00ft							
573.80	24.40	570.00	.000	Vh= 1.090ft	Dcr= 1.745ft	H. JUMP IN PIPE	Hev=
.00ft							
573.90	25.15	570.00	.000	Vh= 1.138ft	Dcr= 1.765ft	H. JUMP IN PIPE	Hev=
.00ft							
574.00	25.79	570.00	.000	Vh= 1.192ft	Dcr= 1.784ft	H. JUMP IN PIPE	Hev=
.00ft							

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve

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Name... Outlet 3

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	.00	563.50	.000	None contributing
565.10	.06	563.50	.000	LF
565.20	.20	563.50	.000	LF
565.25	.45	563.50	.000	LF
565.30	.66	563.50	.000	LF
565.40	1.15	563.50	.000	LF
565.50	1.53	563.50	.000	LF
565.60	2.55	563.50	.000	LF
565.70	3.50	563.50	.000	LF
565.75	3.78	563.50	.000	LF
565.80	4.55	563.50	.000	LF
565.90	5.35	563.50	.000	LF

asbuilt basin 1 2 and 4.txt

566.00	6.78	563.50	.000	LF
566.10	8.10	563.50	.000	LF
566.20	9.50	563.50	.000	LF
566.25	10.19	563.50	.000	LF
566.30	11.18	563.50	.000	LF
566.40	12.68	563.50	.000	LF
566.50	14.41	563.50	.000	LF
566.60	16.00	563.50	.000	LF
566.70	17.89	563.50	.000	LF
566.75	18.89	563.50	.000	LF
566.80	19.64	563.50	.000	LF
566.90	21.69	563.50	.000	LF
567.00	23.54	563.50	.000	LF
567.10	25.73	563.50	.000	LF
567.20	27.74	563.50	.000	LF
567.25	28.84	563.50	.000	LF
567.30	29.95	563.50	.000	LF
567.40	31.86	563.50	.000	LF
567.50	34.02	563.50	.000	LF
567.60	36.17	563.50	.000	LF
567.70	38.39	563.50	.000	LF
567.75	39.43	563.50	.000	LF
567.80	40.50	563.50	.000	LF
567.90	42.79	563.50	.000	LF

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Type... Composite Rating Curve  
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4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Notes		
Elev. ft	Q cfs	TW Elev ft	Converge Error +/-ft	Contributing Structures
568.00	44.74	563.50	.000	LF
568.10	46.89	563.50	.000	LF
568.20	48.88	563.50	.000	LF
568.25	49.90	563.50	.000	LF
568.30	50.92	563.50	.000	LF
568.40	53.19	563.50	.000	LF
568.50	55.01	563.50	.000	LF
568.60	56.89	563.50	.000	LF
568.70	58.78	563.50	.000	LF
568.75	59.96	563.50	.000	LF
568.80	61.02	563.50	.000	LF
568.90	62.63	563.50	.000	LF
569.00	64.35	563.50	.000	LF
569.10	66.30	563.50	.000	LF
569.20	68.19	563.50	.000	LF
569.25	68.94	563.50	.000	LF
569.30	69.82	563.50	.000	LF
569.40	71.56	563.50	.000	LF
569.50	73.06	563.50	.000	LF

asbuilt basin 1 2 and 4.txt

569.60	74.74	563.50	.000	LF
569.70	76.18	563.50	.000	LF
569.75	77.09	563.50	.000	LF
569.80	77.69	563.50	.000	LF
569.90	79.68	563.50	.000	LF
570.00	80.81	563.50	.000	LF
570.10	81.44	563.50	.000	LF
570.20	82.22	563.50	.000	LF
570.30	83.13	563.50	.000	LF +OF
570.40	84.15	563.50	.000	LF +OF
570.50	85.25	563.50	.000	LF +OF
570.60	86.36	563.50	.000	LF +OF
570.70	87.57	563.50	.000	LF +OF
570.80	88.86	563.50	.000	LF +OF
570.90	90.15	563.50	.000	LF +OF
571.00	91.45	563.50	.000	LF +OF
571.10	92.85	563.50	.000	LF +OF

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Type... Composite Rating Curve  
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\*\*\*\*\* COMPOSITE OUTFLOW SUMMARY \*\*\*\*\*

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	94.35	563.50	.000	LF +OF
571.30	95.87	563.50	.000	LF +OF
571.40	97.41	563.50	.000	LF +OF
571.50	98.83	563.50	.000	LF +OF
571.60	100.63	563.50	.000	LF +OF
571.70	102.14	563.50	.000	LF +OF
571.80	103.84	563.50	.000	LF +OF
571.90	105.49	563.50	.000	LF +OF
572.00	107.17	563.50	.000	LF +OF
572.10	108.76	563.50	.000	LF +OF
572.20	110.57	563.50	.000	LF +OF
572.30	112.20	563.50	.000	LF +OF
572.40	113.87	563.50	.000	LF +OF
572.50	115.67	563.50	.000	LF +OF
572.60	117.27	563.50	.000	LF +OF
572.70	118.95	563.50	.000	LF +OF
572.80	120.71	563.50	.000	LF +OF
572.90	122.45	563.50	.000	LF +OF
573.00	123.95	563.50	.000	LF +OF
573.10	125.67	563.50	.000	LF +OF
573.20	127.34	563.50	.000	LF +OF
573.30	128.91	563.50	.000	LF +OF
573.40	130.52	563.50	.000	LF +OF
573.50	132.10	563.50	.000	LF +OF
573.60	133.61	563.50	.000	LF +OF
573.70	135.14	563.50	.000	LF +OF

asbuilt basin 1 2 and 4.txt

573.80 136.68 563.50 .000 LF +0F  
 573.90 138.16 563.50 .000 LF +0F  
 574.00 139.53 563.50 .000 LF +0F

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	.00	563.75	.000	None contributing
565.10	.06	563.75	.000	LF
565.20	.20	563.75	.000	LF
565.25	.45	563.75	.000	LF
565.30	.66	563.75	.000	LF
565.40	1.15	563.75	.000	LF
565.50	1.53	563.75	.000	LF
565.60	2.55	563.75	.000	LF
565.70	3.50	563.75	.000	LF
565.75	3.78	563.75	.000	LF
565.80	4.55	563.75	.000	LF
565.90	5.35	563.75	.000	LF
566.00	6.78	563.75	.000	LF
566.10	8.10	563.75	.000	LF
566.20	9.50	563.75	.000	LF
566.25	10.19	563.75	.000	LF
566.30	11.18	563.75	.000	LF
566.40	12.68	563.75	.000	LF
566.50	14.41	563.75	.000	LF
566.60	16.00	563.75	.000	LF
566.70	17.89	563.75	.000	LF
566.75	18.89	563.75	.000	LF
566.80	19.64	563.75	.000	LF
566.90	21.69	563.75	.000	LF
567.00	23.54	563.75	.000	LF
567.10	25.73	563.75	.000	LF
567.20	27.74	563.75	.000	LF
567.25	28.84	563.75	.000	LF
567.30	29.95	563.75	.000	LF
567.40	31.86	563.75	.000	LF
567.50	34.02	563.75	.000	LF
567.60	36.17	563.75	.000	LF
567.70	38.39	563.75	.000	LF
567.75	39.43	563.75	.000	LF
567.80	40.50	563.75	.000	LF
567.90	42.79	563.75	.000	LF

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Type... Composite Rating Curve  
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 4. PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	44.74	563.75	.000	LF
568.10	46.89	563.75	.000	LF
568.20	48.88	563.75	.000	LF
568.25	49.90	563.75	.000	LF
568.30	50.92	563.75	.000	LF
568.40	53.19	563.75	.000	LF
568.50	55.01	563.75	.000	LF
568.60	56.89	563.75	.000	LF
568.70	58.78	563.75	.000	LF
568.75	59.96	563.75	.000	LF
568.80	61.02	563.75	.000	LF
568.90	62.63	563.75	.000	LF
569.00	64.35	563.75	.000	LF
569.10	66.30	563.75	.000	LF
569.20	68.19	563.75	.000	LF
569.25	68.94	563.75	.000	LF
569.30	69.82	563.75	.000	LF
569.40	71.56	563.75	.000	LF
569.50	73.06	563.75	.000	LF
569.60	74.74	563.75	.000	LF
569.70	76.18	563.75	.000	LF
569.75	77.09	563.75	.000	LF
569.80	77.69	563.75	.000	LF
569.90	79.68	563.75	.000	LF
570.00	80.81	563.75	.000	LF
570.10	81.44	563.75	.000	LF
570.20	82.22	563.75	.000	LF
570.30	83.13	563.75	.000	LF +OF
570.40	84.15	563.75	.000	LF +OF
570.50	85.25	563.75	.000	LF +OF
570.60	86.36	563.75	.000	LF +OF
570.70	87.57	563.75	.000	LF +OF
570.80	88.86	563.75	.000	LF +OF
570.90	90.15	563.75	.000	LF +OF
571.00	91.45	563.75	.000	LF +OF
571.10	92.85	563.75	.000	LF +OF

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Type... Composite Rating Curve  
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 4. PPW



asbuilt basin 1 2 and 4.txt  
 \*\*\*\*\* COMPOSITE OUTFLOW SUMMARY \*\*\*\*\*

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	94.35	563.75	.000	LF +OF
571.30	95.87	563.75	.000	LF +OF
571.40	97.41	563.75	.000	LF +OF
571.50	98.83	563.75	.000	LF +OF
571.60	100.63	563.75	.000	LF +OF
571.70	102.14	563.75	.000	LF +OF
571.80	103.84	563.75	.000	LF +OF
571.90	105.49	563.75	.000	LF +OF
572.00	107.17	563.75	.000	LF +OF
572.10	108.76	563.75	.000	LF +OF
572.20	110.57	563.75	.000	LF +OF
572.30	112.20	563.75	.000	LF +OF
572.40	113.87	563.75	.000	LF +OF
572.50	115.67	563.75	.000	LF +OF
572.60	117.27	563.75	.000	LF +OF
572.70	118.95	563.75	.000	LF +OF
572.80	120.71	563.75	.000	LF +OF
572.90	122.45	563.75	.000	LF +OF
573.00	123.95	563.75	.000	LF +OF
573.10	125.67	563.75	.000	LF +OF
573.20	127.34	563.75	.000	LF +OF
573.30	128.91	563.75	.000	LF +OF
573.40	130.52	563.75	.000	LF +OF
573.50	132.10	563.75	.000	LF +OF
573.60	133.61	563.75	.000	LF +OF
573.70	135.14	563.75	.000	LF +OF
573.80	136.68	563.75	.000	LF +OF
573.90	138.16	563.75	.000	LF +OF
574.00	139.53	563.75	.000	LF +OF

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	.00	564.00	.000	None contributing
565.10	.06	564.00	.000	LF
565.20	.20	564.00	.000	LF
565.25	.45	564.00	.000	LF
565.30	.66	564.00	.000	LF

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asbuilt basin 1 2 and 4.txt

565.40	1.15	564.00	.000	LF
565.50	1.53	564.00	.000	LF
565.60	2.55	564.00	.000	LF
565.70	3.50	564.00	.000	LF
565.75	3.78	564.00	.000	LF
565.80	4.55	564.00	.000	LF
565.90	5.35	564.00	.000	LF
566.00	6.78	564.00	.000	LF
566.10	8.10	564.00	.000	LF
566.20	9.50	564.00	.000	LF
566.25	10.19	564.00	.000	LF
566.30	11.18	564.00	.000	LF
566.40	12.68	564.00	.000	LF
566.50	14.41	564.00	.000	LF
566.60	16.00	564.00	.000	LF
566.70	17.89	564.00	.000	LF
566.75	18.89	564.00	.000	LF
566.80	19.64	564.00	.000	LF
566.90	21.69	564.00	.000	LF
567.00	23.54	564.00	.000	LF
567.10	25.73	564.00	.000	LF
567.20	27.74	564.00	.000	LF
567.25	28.84	564.00	.000	LF
567.30	29.95	564.00	.000	LF
567.40	31.86	564.00	.000	LF
567.50	34.02	564.00	.000	LF
567.60	36.17	564.00	.000	LF
567.70	38.39	564.00	.000	LF
567.75	39.43	564.00	.000	LF
567.80	40.50	564.00	.000	LF
567.90	42.79	564.00	.000	LF

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	44.74	564.00	.000	LF
568.10	46.89	564.00	.000	LF
568.20	48.88	564.00	.000	LF
568.25	49.90	564.00	.000	LF
568.30	50.92	564.00	.000	LF
568.40	53.19	564.00	.000	LF
568.50	55.01	564.00	.000	LF
568.60	56.89	564.00	.000	LF
568.70	58.78	564.00	.000	LF
568.75	59.96	564.00	.000	LF
568.80	61.02	564.00	.000	LF
568.90	62.63	564.00	.000	LF

asbuilt basin 1 2 and 4.txt

569.00	64.35	564.00	.000	LF
569.10	66.30	564.00	.000	LF
569.20	68.19	564.00	.000	LF
569.25	68.94	564.00	.000	LF
569.30	69.82	564.00	.000	LF
569.40	71.56	564.00	.000	LF
569.50	73.06	564.00	.000	LF
569.60	74.74	564.00	.000	LF
569.70	76.18	564.00	.000	LF
569.75	77.09	564.00	.000	LF
569.80	77.69	564.00	.000	LF
569.90	79.68	564.00	.000	LF
570.00	80.81	564.00	.000	LF
570.10	81.44	564.00	.000	LF
570.20	82.22	564.00	.000	LF
570.30	83.13	564.00	.000	LF +OF
570.40	84.15	564.00	.000	LF +OF
570.50	85.25	564.00	.000	LF +OF
570.60	86.36	564.00	.000	LF +OF
570.70	87.57	564.00	.000	LF +OF
570.80	88.86	564.00	.000	LF +OF
570.90	90.15	564.00	.000	LF +OF
571.00	91.45	564.00	.000	LF +OF
571.10	92.85	564.00	.000	LF +OF

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Notes		
Elev. ft	Q cfs	TW Elev ft	Converge Error +/-ft	Contributing Structures
571.20	94.35	564.00	.000	LF +OF
571.30	95.87	564.00	.000	LF +OF
571.40	97.41	564.00	.000	LF +OF
571.50	98.83	564.00	.000	LF +OF
571.60	100.63	564.00	.000	LF +OF
571.70	102.14	564.00	.000	LF +OF
571.80	103.84	564.00	.000	LF +OF
571.90	105.49	564.00	.000	LF +OF
572.00	107.17	564.00	.000	LF +OF
572.10	108.76	564.00	.000	LF +OF
572.20	110.57	564.00	.000	LF +OF
572.30	112.20	564.00	.000	LF +OF
572.40	113.87	564.00	.000	LF +OF
572.50	115.67	564.00	.000	LF +OF
572.60	117.27	564.00	.000	LF +OF
572.70	118.95	564.00	.000	LF +OF
572.80	120.71	564.00	.000	LF +OF
572.90	122.45	564.00	.000	LF +OF
573.00	123.95	564.00	.000	LF +OF

asbuilt basin 1 2 and 4.txt

573.10	125.67	564.00	.000	LF +OF
573.20	127.34	564.00	.000	LF +OF
573.30	128.91	564.00	.000	LF +OF
573.40	130.52	564.00	.000	LF +OF
573.50	132.10	564.00	.000	LF +OF
573.60	133.61	564.00	.000	LF +OF
573.70	135.14	564.00	.000	LF +OF
573.80	136.68	564.00	.000	LF +OF
573.90	138.16	564.00	.000	LF +OF
574.00	139.53	564.00	.000	LF +OF

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Type... Composite Rating Curve  
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\*\*\*\*\* COMPOSITE OUTFLOW SUMMARY \*\*\*\*\*

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	.00	564.25	.000	None contributing
565.10	.06	564.25	.000	LF
565.20	.20	564.25	.000	LF
565.25	.45	564.25	.000	LF
565.30	.66	564.25	.000	LF
565.40	1.15	564.25	.000	LF
565.50	1.53	564.25	.000	LF
565.60	2.55	564.25	.000	LF
565.70	3.50	564.25	.000	LF
565.75	3.78	564.25	.000	LF
565.80	4.55	564.25	.000	LF
565.90	5.35	564.25	.000	LF
566.00	6.78	564.25	.000	LF
566.10	8.10	564.25	.000	LF
566.20	9.50	564.25	.000	LF
566.25	10.19	564.25	.000	LF
566.30	11.18	564.25	.000	LF
566.40	12.68	564.25	.000	LF
566.50	14.41	564.25	.000	LF
566.60	16.00	564.25	.000	LF
566.70	17.89	564.25	.000	LF
566.75	18.89	564.25	.000	LF
566.80	19.64	564.25	.000	LF
566.90	21.69	564.25	.000	LF
567.00	23.54	564.25	.000	LF
567.10	25.73	564.25	.000	LF
567.20	27.74	564.25	.000	LF
567.25	28.84	564.25	.000	LF
567.30	29.95	564.25	.000	LF
567.40	31.86	564.25	.000	LF
567.50	34.02	564.25	.000	LF
567.60	36.17	564.25	.000	LF
567.70	38.39	564.25	.000	LF

asbuilt basin 1 2 and 4.txt

567.75 39.43 564.25 .000 LF  
 567.80 40.50 564.25 .000 LF  
 567.90 42.79 564.25 .000 LF

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	44.74	564.25	.000	LF
568.10	46.89	564.25	.000	LF
568.20	48.88	564.25	.000	LF
568.25	49.90	564.25	.000	LF
568.30	50.92	564.25	.000	LF
568.40	53.19	564.25	.000	LF
568.50	55.01	564.25	.000	LF
568.60	56.89	564.25	.000	LF
568.70	58.78	564.25	.000	LF
568.75	59.96	564.25	.000	LF
568.80	61.02	564.25	.000	LF
568.90	62.63	564.25	.000	LF
569.00	64.35	564.25	.000	LF
569.10	66.30	564.25	.000	LF
569.20	68.19	564.25	.000	LF
569.25	68.94	564.25	.000	LF
569.30	69.82	564.25	.000	LF
569.40	71.56	564.25	.000	LF
569.50	73.06	564.25	.000	LF
569.60	74.74	564.25	.000	LF
569.70	76.18	564.25	.000	LF
569.75	77.09	564.25	.000	LF
569.80	77.69	564.25	.000	LF
569.90	79.68	564.25	.000	LF
570.00	80.81	564.25	.000	LF
570.10	81.44	564.25	.000	LF
570.20	82.22	564.25	.000	LF
570.30	83.13	564.25	.000	LF +OF
570.40	84.15	564.25	.000	LF +OF
570.50	85.25	564.25	.000	LF +OF
570.60	86.36	564.25	.000	LF +OF
570.70	87.57	564.25	.000	LF +OF
570.80	88.86	564.25	.000	LF +OF
570.90	90.15	564.25	.000	LF +OF
571.00	91.45	564.25	.000	LF +OF
571.10	92.85	564.25	.000	LF +OF

S/N:  
 PondPack Ver: Compute Time: Date:

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	94.35	564.25	.000	LF +OF
571.30	95.87	564.25	.000	LF +OF
571.40	97.41	564.25	.000	LF +OF
571.50	98.83	564.25	.000	LF +OF
571.60	100.63	564.25	.000	LF +OF
571.70	102.14	564.25	.000	LF +OF
571.80	103.84	564.25	.000	LF +OF
571.90	105.49	564.25	.000	LF +OF
572.00	107.17	564.25	.000	LF +OF
572.10	108.76	564.25	.000	LF +OF
572.20	110.57	564.25	.000	LF +OF
572.30	112.20	564.25	.000	LF +OF
572.40	113.87	564.25	.000	LF +OF
572.50	115.67	564.25	.000	LF +OF
572.60	117.27	564.25	.000	LF +OF
572.70	118.95	564.25	.000	LF +OF
572.80	120.71	564.25	.000	LF +OF
572.90	122.45	564.25	.000	LF +OF
573.00	123.95	564.25	.000	LF +OF
573.10	125.67	564.25	.000	LF +OF
573.20	127.34	564.25	.000	LF +OF
573.30	128.91	564.25	.000	LF +OF
573.40	130.52	564.25	.000	LF +OF
573.50	132.10	564.25	.000	LF +OF
573.60	133.61	564.25	.000	LF +OF
573.70	135.14	564.25	.000	LF +OF
573.80	136.68	564.25	.000	LF +OF
573.90	138.16	564.25	.000	LF +OF
574.00	139.53	564.25	.000	LF +OF

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PondPack Ver:

Compute Time:

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Type... Composite Rating Curve  
Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures

asbuilt basin 1 2 and 4.txt				
ft	cfs	ft	+/-ft	Contributing Structures
565.00	.00	564.50	.000	None contributing
565.10	.06	564.50	.000	LF
565.20	.20	564.50	.000	LF
565.25	.45	564.50	.000	LF
565.30	.66	564.50	.000	LF
565.40	1.15	564.50	.000	LF
565.50	1.53	564.50	.000	LF
565.60	2.55	564.50	.000	LF
565.70	3.50	564.50	.000	LF
565.75	3.78	564.50	.000	LF
565.80	4.55	564.50	.000	LF
565.90	5.35	564.50	.000	LF
566.00	6.78	564.50	.000	LF
566.10	8.10	564.50	.000	LF
566.20	9.50	564.50	.000	LF
566.25	10.19	564.50	.000	LF
566.30	11.18	564.50	.000	LF
566.40	12.68	564.50	.000	LF
566.50	14.41	564.50	.000	LF
566.60	16.00	564.50	.000	LF
566.70	17.89	564.50	.000	LF
566.75	18.89	564.50	.000	LF
566.80	19.64	564.50	.000	LF
566.90	21.69	564.50	.000	LF
567.00	23.54	564.50	.000	LF
567.10	25.73	564.50	.000	LF
567.20	27.74	564.50	.000	LF
567.25	28.84	564.50	.000	LF
567.30	29.95	564.50	.000	LF
567.40	31.86	564.50	.000	LF
567.50	34.02	564.50	.000	LF
567.60	36.17	564.50	.000	LF
567.70	38.39	564.50	.000	LF
567.75	39.43	564.50	.000	LF
567.80	40.50	564.50	.000	LF
567.90	42.79	564.50	.000	LF

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PondPack Ver:

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Type... Composite Rating Curve

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	44.74	564.50	.000	LF
568.10	46.89	564.50	.000	LF
568.20	48.88	564.50	.000	LF
568.25	49.90	564.50	.000	LF
568.30	50.92	564.50	.000	LF

asbuilt basin 1 2 and 4.txt

568.40	53.19	564.50	.000	LF
568.50	55.01	564.50	.000	LF
568.60	56.89	564.50	.000	LF
568.70	58.78	564.50	.000	LF
568.75	59.96	564.50	.000	LF
568.80	61.02	564.50	.000	LF
568.90	62.63	564.50	.000	LF
569.00	64.35	564.50	.000	LF
569.10	66.30	564.50	.000	LF
569.20	68.19	564.50	.000	LF
569.25	68.94	564.50	.000	LF
569.30	69.82	564.50	.000	LF
569.40	71.56	564.50	.000	LF
569.50	73.06	564.50	.000	LF
569.60	74.74	564.50	.000	LF
569.70	76.18	564.50	.000	LF
569.75	77.09	564.50	.000	LF
569.80	77.69	564.50	.000	LF
569.90	79.68	564.50	.000	LF
570.00	80.81	564.50	.000	LF
570.10	81.44	564.50	.000	LF
570.20	82.22	564.50	.000	LF
570.30	83.13	564.50	.000	LF +OF
570.40	84.15	564.50	.000	LF +OF
570.50	85.25	564.50	.000	LF +OF
570.60	86.36	564.50	.000	LF +OF
570.70	87.57	564.50	.000	LF +OF
570.80	88.86	564.50	.000	LF +OF
570.90	90.15	564.50	.000	LF +OF
571.00	91.45	564.50	.000	LF +OF
571.10	92.85	564.50	.000	LF +OF

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Type... Composite Rating Curve

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	94.35	564.50	.000	LF +OF
571.30	95.87	564.50	.000	LF +OF
571.40	97.41	564.50	.000	LF +OF
571.50	98.83	564.50	.000	LF +OF
571.60	100.63	564.50	.000	LF +OF
571.70	102.14	564.50	.000	LF +OF
571.80	103.84	564.50	.000	LF +OF
571.90	105.49	564.50	.000	LF +OF
572.00	107.17	564.50	.000	LF +OF
572.10	108.76	564.50	.000	LF +OF
572.20	110.57	564.50	.000	LF +OF
572.30	112.20	564.50	.000	LF +OF



asbuilt basin 1 2 and 4.txt

572.40	113.87	564.50	.000	LF +OF
572.50	115.67	564.50	.000	LF +OF
572.60	117.27	564.50	.000	LF +OF
572.70	118.95	564.50	.000	LF +OF
572.80	120.71	564.50	.000	LF +OF
572.90	122.45	564.50	.000	LF +OF
573.00	123.95	564.50	.000	LF +OF
573.10	125.67	564.50	.000	LF +OF
573.20	127.34	564.50	.000	LF +OF
573.30	128.91	564.50	.000	LF +OF
573.40	130.52	564.50	.000	LF +OF
573.50	132.10	564.50	.000	LF +OF
573.60	133.61	564.50	.000	LF +OF
573.70	135.14	564.50	.000	LF +OF
573.80	136.68	564.50	.000	LF +OF
573.90	138.16	564.50	.000	LF +OF
574.00	139.53	564.50	.000	LF +OF

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PondPack Ver:

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Type... Composite Rating Curve  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	.00	564.75	.000	None contributing
565.10	.06	564.75	.000	LF
565.20	.20	564.75	.000	LF
565.25	.45	564.75	.000	LF
565.30	.66	564.75	.000	LF
565.40	1.15	564.75	.000	LF
565.50	1.53	564.75	.000	LF
565.60	2.55	564.75	.000	LF
565.70	3.50	564.75	.000	LF
565.75	3.78	564.75	.000	LF
565.80	4.55	564.75	.000	LF
565.90	5.35	564.75	.000	LF
566.00	6.78	564.75	.000	LF
566.10	8.10	564.75	.000	LF
566.20	9.50	564.75	.000	LF
566.25	10.19	564.75	.000	LF
566.30	11.18	564.75	.000	LF
566.40	12.68	564.75	.000	LF
566.50	14.41	564.75	.000	LF
566.60	16.00	564.75	.000	LF
566.70	17.89	564.75	.000	LF
566.75	18.89	564.75	.000	LF
566.80	19.64	564.75	.000	LF
566.90	21.69	564.75	.000	LF
567.00	23.54	564.75	.000	LF
567.10	25.73	564.75	.000	LF

asbuilt basin 1 2 and 4.txt

567.20	27.74	564.75	.000	LF
567.25	28.84	564.75	.000	LF
567.30	29.95	564.75	.000	LF
567.40	31.86	564.75	.000	LF
567.50	34.02	564.75	.000	LF
567.60	36.17	564.75	.000	LF
567.70	38.39	564.75	.000	LF
567.75	39.43	564.75	.000	LF
567.80	40.50	564.75	.000	LF
567.90	42.79	564.75	.000	LF

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve  
Name... Outlet 3

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File... \\2serverpr\ PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	44.74	564.75	.000	LF
568.10	46.89	564.75	.000	LF
568.20	48.88	564.75	.000	LF
568.25	49.90	564.75	.000	LF
568.30	50.92	564.75	.000	LF
568.40	53.19	564.75	.000	LF
568.50	55.01	564.75	.000	LF
568.60	56.89	564.75	.000	LF
568.70	58.78	564.75	.000	LF
568.75	59.96	564.75	.000	LF
568.80	61.02	564.75	.000	LF
568.90	62.63	564.75	.000	LF
569.00	64.35	564.75	.000	LF
569.10	66.30	564.75	.000	LF
569.20	68.19	564.75	.000	LF
569.25	68.94	564.75	.000	LF
569.30	69.82	564.75	.000	LF
569.40	71.56	564.75	.000	LF
569.50	73.06	564.75	.000	LF
569.60	74.74	564.75	.000	LF
569.70	76.18	564.75	.000	LF
569.75	77.09	564.75	.000	LF
569.80	77.69	564.75	.000	LF
569.90	79.68	564.75	.000	LF
570.00	80.81	564.75	.000	LF
570.10	81.44	564.75	.000	LF
570.20	82.22	564.75	.000	LF
570.30	83.13	564.75	.000	LF +OF
570.40	84.15	564.75	.000	LF +OF
570.50	85.25	564.75	.000	LF +OF
570.60	86.36	564.75	.000	LF +OF
570.70	87.57	564.75	.000	LF +OF
570.80	88.86	564.75	.000	LF +OF

asbuilt basin 1 2 and 4.txt

570.90 90.15 564.75 .000 LF +OF  
 571.00 91.45 564.75 .000 LF +OF  
 571.10 92.85 564.75 .000 LF +OF

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 PondPack Ver: Compute Time: Date:

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Type... Composite Rating Curve Page 15.398  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	94.35	564.75	.000	LF +OF
571.30	95.87	564.75	.000	LF +OF
571.40	97.41	564.75	.000	LF +OF
571.50	98.83	564.75	.000	LF +OF
571.60	100.63	564.75	.000	LF +OF
571.70	102.14	564.75	.000	LF +OF
571.80	103.84	564.75	.000	LF +OF
571.90	105.49	564.75	.000	LF +OF
572.00	107.17	564.75	.000	LF +OF
572.10	108.76	564.75	.000	LF +OF
572.20	110.57	564.75	.000	LF +OF
572.30	112.20	564.75	.000	LF +OF
572.40	113.87	564.75	.000	LF +OF
572.50	115.67	564.75	.000	LF +OF
572.60	117.27	564.75	.000	LF +OF
572.70	118.95	564.75	.000	LF +OF
572.80	120.71	564.75	.000	LF +OF
572.90	122.45	564.75	.000	LF +OF
573.00	123.95	564.75	.000	LF +OF
573.10	125.67	564.75	.000	LF +OF
573.20	127.34	564.75	.000	LF +OF
573.30	128.91	564.75	.000	LF +OF
573.40	130.52	564.75	.000	LF +OF
573.50	132.10	564.75	.000	LF +OF
573.60	133.61	564.75	.000	LF +OF
573.70	135.14	564.75	.000	LF +OF
573.80	136.68	564.75	.000	LF +OF
573.90	138.16	564.75	.000	LF +OF
574.00	139.53	564.75	.000	LF +OF

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Composite Rating Curve Page 15.399  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

asbuilt basin 1 2 and 4.txt  
 \*\*\*\*\* COMPOSITE OUTFLOW SUMMARY \*\*\*\*\*

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	.00	565.00	.000	None contributing
565.10	.06	565.00	.000	LF
565.20	.20	565.00	.000	LF
565.25	.45	565.00	.000	LF
565.30	.66	565.00	.000	LF
565.40	1.15	565.00	.000	LF
565.50	1.53	565.00	.000	LF
565.60	2.55	565.00	.000	LF
565.70	3.50	565.00	.000	LF
565.75	3.78	565.00	.000	LF
565.80	4.55	565.00	.000	LF
565.90	5.35	565.00	.000	LF
566.00	6.78	565.00	.000	LF
566.10	8.10	565.00	.000	LF
566.20	9.50	565.00	.000	LF
566.25	10.19	565.00	.000	LF
566.30	11.18	565.00	.000	LF
566.40	12.68	565.00	.000	LF
566.50	14.41	565.00	.000	LF
566.60	16.00	565.00	.000	LF
566.70	17.89	565.00	.000	LF
566.75	18.89	565.00	.000	LF
566.80	19.64	565.00	.000	LF
566.90	21.69	565.00	.000	LF
567.00	23.54	565.00	.000	LF
567.10	25.73	565.00	.000	LF
567.20	27.74	565.00	.000	LF
567.25	28.84	565.00	.000	LF
567.30	29.95	565.00	.000	LF
567.40	31.86	565.00	.000	LF
567.50	34.02	565.00	.000	LF
567.60	36.17	565.00	.000	LF
567.70	38.39	565.00	.000	LF
567.75	39.43	565.00	.000	LF
567.80	40.50	565.00	.000	LF
567.90	42.79	565.00	.000	LF

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PondPack Ver:

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Type... Composite Rating Curve  
 Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev.	Q	TW Elev	Error	

asbuilt basin 1 2 and 4.txt				
ft	cfs	ft	+/-ft	Contributing Structures
568.00	44.74	565.00	.000	LF
568.10	46.89	565.00	.000	LF
568.20	48.88	565.00	.000	LF
568.25	49.90	565.00	.000	LF
568.30	50.92	565.00	.000	LF
568.40	53.19	565.00	.000	LF
568.50	55.01	565.00	.000	LF
568.60	56.89	565.00	.000	LF
568.70	58.78	565.00	.000	LF
568.75	59.96	565.00	.000	LF
568.80	61.02	565.00	.000	LF
568.90	62.63	565.00	.000	LF
569.00	64.35	565.00	.000	LF
569.10	66.30	565.00	.000	LF
569.20	68.19	565.00	.000	LF
569.25	68.94	565.00	.000	LF
569.30	69.82	565.00	.000	LF
569.40	71.56	565.00	.000	LF
569.50	73.06	565.00	.000	LF
569.60	74.74	565.00	.000	LF
569.70	76.18	565.00	.000	LF
569.75	77.09	565.00	.000	LF
569.80	77.69	565.00	.000	LF
569.90	79.68	565.00	.000	LF
570.00	80.81	565.00	.000	LF
570.10	81.44	565.00	.000	LF
570.20	82.22	565.00	.000	LF
570.30	83.13	565.00	.000	LF +OF
570.40	84.15	565.00	.000	LF +OF
570.50	85.25	565.00	.000	LF +OF
570.60	86.36	565.00	.000	LF +OF
570.70	87.57	565.00	.000	LF +OF
570.80	88.86	565.00	.000	LF +OF
570.90	90.15	565.00	.000	LF +OF
571.00	91.45	565.00	.000	LF +OF
571.10	92.85	565.00	.000	LF +OF

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	94.35	565.00	.000	LF +OF
571.30	95.87	565.00	.000	LF +OF
571.40	97.41	565.00	.000	LF +OF
571.50	98.83	565.00	.000	LF +OF
571.60	100.63	565.00	.000	LF +OF

asbuilt basin 1 2 and 4.txt

571.70	102.14	565.00	.000	LF +OF
571.80	103.84	565.00	.000	LF +OF
571.90	105.49	565.00	.000	LF +OF
572.00	107.17	565.00	.000	LF +OF
572.10	108.76	565.00	.000	LF +OF
572.20	110.57	565.00	.000	LF +OF
572.30	112.20	565.00	.000	LF +OF
572.40	113.87	565.00	.000	LF +OF
572.50	115.67	565.00	.000	LF +OF
572.60	117.27	565.00	.000	LF +OF
572.70	118.95	565.00	.000	LF +OF
572.80	120.71	565.00	.000	LF +OF
572.90	122.45	565.00	.000	LF +OF
573.00	123.95	565.00	.000	LF +OF
573.10	125.67	565.00	.000	LF +OF
573.20	127.34	565.00	.000	LF +OF
573.30	128.91	565.00	.000	LF +OF
573.40	130.52	565.00	.000	LF +OF
573.50	132.10	565.00	.000	LF +OF
573.60	133.61	565.00	.000	LF +OF
573.70	135.14	565.00	.000	LF +OF
573.80	136.68	565.00	.000	LF +OF
573.90	138.16	565.00	.000	LF +OF
574.00	139.53	565.00	.000	LF +OF

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Type... Composite Rating Curve  
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File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Notes		
Elev. ft	Q cfs	TW Elev ft	Converge Error +/-ft	Contributing Structures
565.00	-.58	565.25	.000	LF +OF
565.10	-.58	565.25	.000	LF +OF
565.20	-.56	565.25	.000	LF +OF
565.25	.00	565.25	.000	LF
565.30	.69	565.25	.000	LF
565.40	1.15	565.25	.000	LF
565.50	1.53	565.25	.000	LF
565.60	2.55	565.25	.000	LF
565.70	3.50	565.25	.000	LF
565.75	3.78	565.25	.000	LF
565.80	4.55	565.25	.000	LF
565.90	5.35	565.25	.000	LF
566.00	6.78	565.25	.000	LF
566.10	8.10	565.25	.000	LF
566.20	9.50	565.25	.000	LF
566.25	10.19	565.25	.000	LF
566.30	11.18	565.25	.000	LF
566.40	12.68	565.25	.000	LF
566.50	14.41	565.25	.000	LF

asbuilt basin 1 2 and 4.txt

566.60	16.00	565.25	.000	LF
566.70	17.89	565.25	.000	LF
566.75	18.89	565.25	.000	LF
566.80	19.64	565.25	.000	LF
566.90	21.69	565.25	.000	LF
567.00	23.54	565.25	.000	LF
567.10	25.73	565.25	.000	LF
567.20	27.74	565.25	.000	LF
567.25	28.84	565.25	.000	LF
567.30	29.95	565.25	.000	LF
567.40	31.86	565.25	.000	LF
567.50	34.02	565.25	.000	LF
567.60	36.17	565.25	.000	LF
567.70	38.39	565.25	.000	LF
567.75	39.43	565.25	.000	LF
567.80	40.50	565.25	.000	LF
567.90	42.79	565.25	.000	LF

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Type... Composite Rating Curve  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	44.74	565.25	.000	LF
568.10	46.89	565.25	.000	LF
568.20	48.88	565.25	.000	LF
568.25	49.90	565.25	.000	LF
568.30	50.92	565.25	.000	LF
568.40	53.19	565.25	.000	LF
568.50	55.01	565.25	.000	LF
568.60	56.89	565.25	.000	LF
568.70	58.78	565.25	.000	LF
568.75	59.96	565.25	.000	LF
568.80	61.02	565.25	.000	LF
568.90	62.63	565.25	.000	LF
569.00	64.35	565.25	.000	LF
569.10	66.30	565.25	.000	LF
569.20	68.19	565.25	.000	LF
569.25	68.94	565.25	.000	LF
569.30	69.82	565.25	.000	LF
569.40	71.56	565.25	.000	LF
569.50	73.06	565.25	.000	LF
569.60	74.74	565.25	.000	LF
569.70	76.18	565.25	.000	LF
569.75	77.09	565.25	.000	LF
569.80	77.69	565.25	.000	LF
569.90	79.68	565.25	.000	LF
570.00	80.81	565.25	.000	LF
570.10	81.44	565.25	.000	LF

asbuilt basin 1 2 and 4.txt

570. 20	82. 22	565. 25	. 000	LF
570. 30	83. 13	565. 25	. 000	LF +OF
570. 40	84. 15	565. 25	. 000	LF +OF
570. 50	85. 25	565. 25	. 000	LF +OF
570. 60	86. 36	565. 25	. 000	LF +OF
570. 70	87. 57	565. 25	. 000	LF +OF
570. 80	88. 86	565. 25	. 000	LF +OF
570. 90	90. 15	565. 25	. 000	LF +OF
571. 00	91. 45	565. 25	. 000	LF +OF
571. 10	92. 85	565. 25	. 000	LF +OF

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Type... Composite Rating Curve  
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File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571. 20	94. 35	565. 25	. 000	LF +OF
571. 30	95. 87	565. 25	. 000	LF +OF
571. 40	97. 41	565. 25	. 000	LF +OF
571. 50	98. 83	565. 25	. 000	LF +OF
571. 60	100. 63	565. 25	. 000	LF +OF
571. 70	102. 14	565. 25	. 000	LF +OF
571. 80	103. 84	565. 25	. 000	LF +OF
571. 90	105. 49	565. 25	. 000	LF +OF
572. 00	107. 17	565. 25	. 000	LF +OF
572. 10	108. 76	565. 25	. 000	LF +OF
572. 20	110. 57	565. 25	. 000	LF +OF
572. 30	112. 20	565. 25	. 000	LF +OF
572. 40	113. 87	565. 25	. 000	LF +OF
572. 50	115. 67	565. 25	. 000	LF +OF
572. 60	117. 27	565. 25	. 000	LF +OF
572. 70	118. 95	565. 25	. 000	LF +OF
572. 80	120. 71	565. 25	. 000	LF +OF
572. 90	122. 45	565. 25	. 000	LF +OF
573. 00	123. 95	565. 25	. 000	LF +OF
573. 10	125. 67	565. 25	. 000	LF +OF
573. 20	127. 34	565. 25	. 000	LF +OF
573. 30	128. 91	565. 25	. 000	LF +OF
573. 40	130. 52	565. 25	. 000	LF +OF
573. 50	132. 10	565. 25	. 000	LF +OF
573. 60	133. 61	565. 25	. 000	LF +OF
573. 70	135. 14	565. 25	. 000	LF +OF
573. 80	136. 68	565. 25	. 000	LF +OF
573. 90	138. 16	565. 25	. 000	LF +OF
574. 00	139. 53	565. 25	. 000	LF +OF

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Type... Composite Rating Curve  
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 4. PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	-2.27	565.50	.000	LF +OF
565.10	-2.27	565.50	.000	LF +OF
565.20	-2.27	565.50	.000	LF +OF
565.25	-2.27	565.50	.000	LF +OF
565.30	-2.27	565.50	.000	LF +OF
565.40	-2.19	565.50	.000	LF +OF
565.50	.00	565.50	.000	LF
565.60	2.68	565.50	.000	LF
565.70	3.50	565.50	.000	LF
565.75	3.78	565.50	.000	LF
565.80	4.55	565.50	.000	LF
565.90	5.35	565.50	.000	LF
566.00	6.78	565.50	.000	LF
566.10	8.10	565.50	.000	LF
566.20	9.50	565.50	.000	LF
566.25	10.19	565.50	.000	LF
566.30	11.18	565.50	.000	LF
566.40	12.68	565.50	.000	LF
566.50	14.41	565.50	.000	LF
566.60	16.00	565.50	.000	LF
566.70	17.89	565.50	.000	LF
566.75	18.89	565.50	.000	LF
566.80	19.64	565.50	.000	LF
566.90	21.69	565.50	.000	LF
567.00	23.54	565.50	.000	LF
567.10	25.73	565.50	.000	LF
567.20	27.74	565.50	.000	LF
567.25	28.84	565.50	.000	LF
567.30	29.95	565.50	.000	LF
567.40	31.86	565.50	.000	LF
567.50	34.02	565.50	.000	LF
567.60	36.17	565.50	.000	LF
567.70	38.39	565.50	.000	LF
567.75	39.43	565.50	.000	LF
567.80	40.50	565.50	.000	LF
567.90	42.79	565.50	.000	LF

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Type... Composite Rating Curve  
 Name... Outlet 3

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 4. PPW

asbuilt basin 1 2 and 4.txt  
 \*\*\*\*\* COMPOSITE OUTFLOW SUMMARY \*\*\*\*\*

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	44.74	565.50	.000	LF
568.10	46.89	565.50	.000	LF
568.20	48.88	565.50	.000	LF
568.25	49.90	565.50	.000	LF
568.30	50.92	565.50	.000	LF
568.40	53.19	565.50	.000	LF
568.50	55.01	565.50	.000	LF
568.60	56.89	565.50	.000	LF
568.70	58.78	565.50	.000	LF
568.75	59.96	565.50	.000	LF
568.80	61.02	565.50	.000	LF
568.90	62.63	565.50	.000	LF
569.00	64.35	565.50	.000	LF
569.10	66.30	565.50	.000	LF
569.20	68.19	565.50	.000	LF
569.25	68.94	565.50	.000	LF
569.30	69.82	565.50	.000	LF
569.40	71.56	565.50	.000	LF
569.50	73.06	565.50	.000	LF
569.60	74.74	565.50	.000	LF
569.70	76.18	565.50	.000	LF
569.75	77.09	565.50	.000	LF
569.80	77.69	565.50	.000	LF
569.90	79.68	565.50	.000	LF
570.00	80.81	565.50	.000	LF
570.10	81.44	565.50	.000	LF
570.20	82.22	565.50	.000	LF
570.30	83.13	565.50	.000	LF +OF
570.40	84.15	565.50	.000	LF +OF
570.50	85.25	565.50	.000	LF +OF
570.60	86.36	565.50	.000	LF +OF
570.70	87.57	565.50	.000	LF +OF
570.80	88.86	565.50	.000	LF +OF
570.90	90.15	565.50	.000	LF +OF
571.00	91.45	565.50	.000	LF +OF
571.10	92.85	565.50	.000	LF +OF

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Type... Composite Rating Curve  
 Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev.	Q	TW Elev	Error	

asbuilt basin 1 2 and 4.txt

ft	cfs	ft	+/-ft	Contributing Structures
571.20	94.35	565.50	.000	LF +OF
571.30	95.87	565.50	.000	LF +OF
571.40	97.41	565.50	.000	LF +OF
571.50	98.83	565.50	.000	LF +OF
571.60	100.63	565.50	.000	LF +OF
571.70	102.14	565.50	.000	LF +OF
571.80	103.84	565.50	.000	LF +OF
571.90	105.49	565.50	.000	LF +OF
572.00	107.17	565.50	.000	LF +OF
572.10	108.76	565.50	.000	LF +OF
572.20	110.57	565.50	.000	LF +OF
572.30	112.20	565.50	.000	LF +OF
572.40	113.87	565.50	.000	LF +OF
572.50	115.67	565.50	.000	LF +OF
572.60	117.27	565.50	.000	LF +OF
572.70	118.95	565.50	.000	LF +OF
572.80	120.71	565.50	.000	LF +OF
572.90	122.45	565.50	.000	LF +OF
573.00	123.95	565.50	.000	LF +OF
573.10	125.67	565.50	.000	LF +OF
573.20	127.34	565.50	.000	LF +OF
573.30	128.91	565.50	.000	LF +OF
573.40	130.52	565.50	.000	LF +OF
573.50	132.10	565.50	.000	LF +OF
573.60	133.61	565.50	.000	LF +OF
573.70	135.14	565.50	.000	LF +OF
573.80	136.68	565.50	.000	LF +OF
573.90	138.16	565.50	.000	LF +OF
574.00	139.53	565.50	.000	LF +OF

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Type... Composite Rating Curve

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	-4.91	565.75	.000	LF +OF
565.10	-4.91	565.75	.000	LF +OF
565.20	-4.91	565.75	.000	LF +OF
565.25	-4.91	565.75	.000	LF +OF
565.30	-4.91	565.75	.000	LF +OF
565.40	-4.91	565.75	.000	LF +OF
565.50	-4.91	565.75	.000	LF +OF
565.60	-4.72	565.75	.000	LF +OF
565.70	-3.29	565.75	.000	LF +OF
565.75	.00	565.75	.000	LF
565.80	3.79	565.75	.000	LF
565.90	5.84	565.75	.000	LF

asbuilt basin 1 2 and 4.txt

566.00	6.78	565.75	.000	LF
566.10	8.10	565.75	.000	LF
566.20	9.50	565.75	.000	LF
566.25	10.19	565.75	.000	LF
566.30	11.18	565.75	.000	LF
566.40	12.68	565.75	.000	LF
566.50	14.41	565.75	.000	LF
566.60	16.00	565.75	.000	LF
566.70	17.89	565.75	.000	LF
566.75	18.89	565.75	.000	LF
566.80	19.64	565.75	.000	LF
566.90	21.69	565.75	.000	LF
567.00	23.54	565.75	.000	LF
567.10	25.73	565.75	.000	LF
567.20	27.74	565.75	.000	LF
567.25	28.84	565.75	.000	LF
567.30	29.95	565.75	.000	LF
567.40	31.86	565.75	.000	LF
567.50	34.02	565.75	.000	LF
567.60	36.17	565.75	.000	LF
567.70	38.39	565.75	.000	LF
567.75	39.43	565.75	.000	LF
567.80	40.50	565.75	.000	LF
567.90	42.79	565.75	.000	LF

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Type... Composite Rating Curve  
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File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Notes		
Elev. ft	Q cfs	TW Elev ft	Converge Error +/-ft	Contributing Structures
568.00	44.74	565.75	.000	LF
568.10	46.89	565.75	.000	LF
568.20	48.88	565.75	.000	LF
568.25	49.90	565.75	.000	LF
568.30	50.92	565.75	.000	LF
568.40	53.19	565.75	.000	LF
568.50	55.01	565.75	.000	LF
568.60	56.89	565.75	.000	LF
568.70	58.78	565.75	.000	LF
568.75	59.96	565.75	.000	LF
568.80	61.02	565.75	.000	LF
568.90	62.63	565.75	.000	LF
569.00	64.35	565.75	.000	LF
569.10	66.30	565.75	.000	LF
569.20	68.19	565.75	.000	LF
569.25	68.94	565.75	.000	LF
569.30	69.82	565.75	.000	LF
569.40	71.56	565.75	.000	LF
569.50	73.06	565.75	.000	LF

asbuilt basin 1 2 and 4.txt

569.60	74.74	565.75	.000	LF
569.70	76.18	565.75	.000	LF
569.75	77.09	565.75	.000	LF
569.80	77.69	565.75	.000	LF
569.90	79.68	565.75	.000	LF
570.00	80.81	565.75	.000	LF
570.10	81.44	565.75	.000	LF
570.20	82.22	565.75	.000	LF
570.30	83.13	565.75	.000	LF +OF
570.40	84.15	565.75	.000	LF +OF
570.50	85.25	565.75	.000	LF +OF
570.60	86.36	565.75	.000	LF +OF
570.70	87.57	565.75	.000	LF +OF
570.80	88.86	565.75	.000	LF +OF
570.90	90.15	565.75	.000	LF +OF
571.00	91.45	565.75	.000	LF +OF
571.10	92.85	565.75	.000	LF +OF

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Type... Composite Rating Curve  
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File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	94.35	565.75	.000	LF +OF
571.30	95.87	565.75	.000	LF +OF
571.40	97.41	565.75	.000	LF +OF
571.50	98.83	565.75	.000	LF +OF
571.60	100.63	565.75	.000	LF +OF
571.70	102.14	565.75	.000	LF +OF
571.80	103.84	565.75	.000	LF +OF
571.90	105.49	565.75	.000	LF +OF
572.00	107.17	565.75	.000	LF +OF
572.10	108.76	565.75	.000	LF +OF
572.20	110.57	565.75	.000	LF +OF
572.30	112.20	565.75	.000	LF +OF
572.40	113.87	565.75	.000	LF +OF
572.50	115.67	565.75	.000	LF +OF
572.60	117.27	565.75	.000	LF +OF
572.70	118.95	565.75	.000	LF +OF
572.80	120.71	565.75	.000	LF +OF
572.90	122.45	565.75	.000	LF +OF
573.00	123.95	565.75	.000	LF +OF
573.10	125.67	565.75	.000	LF +OF
573.20	127.34	565.75	.000	LF +OF
573.30	128.91	565.75	.000	LF +OF
573.40	130.52	565.75	.000	LF +OF
573.50	132.10	565.75	.000	LF +OF
573.60	133.61	565.75	.000	LF +OF
573.70	135.14	565.75	.000	LF +OF

asbuilt basin 1 2 and 4.txt

573.80 136.68 565.75 .000 LF +0F  
 573.90 138.16 565.75 .000 LF +0F  
 574.00 139.53 565.75 .000 LF +0F

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	-8.39	566.00	.000	LF +0F
565.10	-8.39	566.00	.000	LF +0F
565.20	-8.39	566.00	.000	LF +0F
565.25	-8.39	566.00	.000	LF +0F
565.30	-8.39	566.00	.000	LF +0F
565.40	-8.39	566.00	.000	LF +0F
565.50	-8.39	566.00	.000	LF +0F
565.60	-8.39	566.00	.000	LF +0F
565.70	-8.39	566.00	.000	LF +0F
565.75	-8.30	566.00	.000	LF +0F
565.80	-7.96	566.00	.000	LF +0F
565.90	-6.44	566.00	.000	LF +0F
566.00	.00	566.00	.000	LF
566.10	7.55	566.00	.000	LF
566.20	10.01	566.00	.000	LF
566.25	10.69	566.00	.000	LF
566.30	11.18	566.00	.000	LF
566.40	12.68	566.00	.000	LF
566.50	14.41	566.00	.000	LF
566.60	16.00	566.00	.000	LF
566.70	17.89	566.00	.000	LF
566.75	18.89	566.00	.000	LF
566.80	19.64	566.00	.000	LF
566.90	21.69	566.00	.000	LF
567.00	23.54	566.00	.000	LF
567.10	25.73	566.00	.000	LF
567.20	27.74	566.00	.000	LF
567.25	28.84	566.00	.000	LF
567.30	29.95	566.00	.000	LF
567.40	31.86	566.00	.000	LF
567.50	34.02	566.00	.000	LF
567.60	36.17	566.00	.000	LF
567.70	38.39	566.00	.000	LF
567.75	39.43	566.00	.000	LF
567.80	40.50	566.00	.000	LF
567.90	42.79	566.00	.000	LF

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Composite Rating Curve  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	44.74	566.00	.000	LF
568.10	46.89	566.00	.000	LF
568.20	48.88	566.00	.000	LF
568.25	49.90	566.00	.000	LF
568.30	50.92	566.00	.000	LF
568.40	53.19	566.00	.000	LF
568.50	55.01	566.00	.000	LF
568.60	56.89	566.00	.000	LF
568.70	58.78	566.00	.000	LF
568.75	59.96	566.00	.000	LF
568.80	61.02	566.00	.000	LF
568.90	62.63	566.00	.000	LF
569.00	64.35	566.00	.000	LF
569.10	66.30	566.00	.000	LF
569.20	68.19	566.00	.000	LF
569.25	68.94	566.00	.000	LF
569.30	69.82	566.00	.000	LF
569.40	71.56	566.00	.000	LF
569.50	73.06	566.00	.000	LF
569.60	74.74	566.00	.000	LF
569.70	76.18	566.00	.000	LF
569.75	77.09	566.00	.000	LF
569.80	77.69	566.00	.000	LF
569.90	79.68	566.00	.000	LF
570.00	80.81	566.00	.000	LF
570.10	81.44	566.00	.000	LF
570.20	82.22	566.00	.000	LF
570.30	83.13	566.00	.000	LF +OF
570.40	84.15	566.00	.000	LF +OF
570.50	85.25	566.00	.000	LF +OF
570.60	86.36	566.00	.000	LF +OF
570.70	87.57	566.00	.000	LF +OF
570.80	88.86	566.00	.000	LF +OF
570.90	90.15	566.00	.000	LF +OF
571.00	91.45	566.00	.000	LF +OF
571.10	92.85	566.00	.000	LF +OF

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PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

asbuilt basin 1 2 and 4.txt  
 \*\*\*\*\* COMPOSITE OUTFLOW SUMMARY \*\*\*\*\*

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	94.35	566.00	.000	LF +OF
571.30	95.87	566.00	.000	LF +OF
571.40	97.41	566.00	.000	LF +OF
571.50	98.83	566.00	.000	LF +OF
571.60	100.63	566.00	.000	LF +OF
571.70	102.14	566.00	.000	LF +OF
571.80	103.84	566.00	.000	LF +OF
571.90	105.49	566.00	.000	LF +OF
572.00	107.17	566.00	.000	LF +OF
572.10	108.76	566.00	.000	LF +OF
572.20	110.57	566.00	.000	LF +OF
572.30	112.20	566.00	.000	LF +OF
572.40	113.87	566.00	.000	LF +OF
572.50	115.67	566.00	.000	LF +OF
572.60	117.27	566.00	.000	LF +OF
572.70	118.95	566.00	.000	LF +OF
572.80	120.71	566.00	.000	LF +OF
572.90	122.45	566.00	.000	LF +OF
573.00	123.95	566.00	.000	LF +OF
573.10	125.67	566.00	.000	LF +OF
573.20	127.34	566.00	.000	LF +OF
573.30	128.91	566.00	.000	LF +OF
573.40	130.52	566.00	.000	LF +OF
573.50	132.10	566.00	.000	LF +OF
573.60	133.61	566.00	.000	LF +OF
573.70	135.14	566.00	.000	LF +OF
573.80	136.68	566.00	.000	LF +OF
573.90	138.16	566.00	.000	LF +OF
574.00	139.53	566.00	.000	LF +OF

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PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	-12.45	566.25	.000	LF +OF
565.10	-12.45	566.25	.000	LF +OF
565.20	-12.45	566.25	.000	LF +OF
565.25	-12.45	566.25	.000	LF +OF
565.30	-12.45	566.25	.000	LF +OF



asbuilt basin 1 2 and 4.txt

565.40	-12.45	566.25	.000	LF +OF
565.50	-12.45	566.25	.000	LF +OF
565.60	-12.45	566.25	.000	LF +OF
565.70	-12.45	566.25	.000	LF +OF
565.75	-12.45	566.25	.000	LF +OF
565.80	-12.45	566.25	.000	LF +OF
565.90	-12.40	566.25	.000	LF +OF
566.00	-11.68	566.25	.000	LF +OF
566.10	-10.01	566.25	.000	LF +OF
566.20	-6.29	566.25	.000	LF +OF
566.25	.00	566.25	.000	LF
566.30	6.96	566.25	.000	LF
566.40	11.81	566.25	.000	LF
566.50	14.83	566.25	.000	LF
566.60	16.80	566.25	.000	LF
566.70	17.89	566.25	.000	LF
566.75	18.89	566.25	.000	LF
566.80	19.64	566.25	.000	LF
566.90	21.69	566.25	.000	LF
567.00	23.54	566.25	.000	LF
567.10	25.73	566.25	.000	LF
567.20	27.74	566.25	.000	LF
567.25	28.84	566.25	.000	LF
567.30	29.95	566.25	.000	LF
567.40	31.86	566.25	.000	LF
567.50	34.02	566.25	.000	LF
567.60	36.17	566.25	.000	LF
567.70	38.39	566.25	.000	LF
567.75	39.43	566.25	.000	LF
567.80	40.50	566.25	.000	LF
567.90	42.79	566.25	.000	LF

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Type... Composite Rating Curve

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Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	44.74	566.25	.000	LF
568.10	46.89	566.25	.000	LF
568.20	48.88	566.25	.000	LF
568.25	49.90	566.25	.000	LF
568.30	50.92	566.25	.000	LF
568.40	53.19	566.25	.000	LF
568.50	55.01	566.25	.000	LF
568.60	56.89	566.25	.000	LF
568.70	58.78	566.25	.000	LF
568.75	59.96	566.25	.000	LF
568.80	61.02	566.25	.000	LF
568.90	62.63	566.25	.000	LF

asbuilt basin 1 2 and 4.txt

569.00	64.35	566.25	.000	LF
569.10	66.30	566.25	.000	LF
569.20	68.19	566.25	.000	LF
569.25	68.94	566.25	.000	LF
569.30	69.82	566.25	.000	LF
569.40	71.56	566.25	.000	LF
569.50	73.06	566.25	.000	LF
569.60	74.70	566.25	.000	LF
569.70	75.81	566.25	.000	LF
569.75	76.37	566.25	.000	LF
569.80	76.90	566.25	.000	LF
569.90	77.98	566.25	.000	LF
570.00	79.03	566.25	.000	LF
570.10	80.09	566.25	.000	LF
570.20	81.11	566.25	.000	LF
570.30	82.18	566.25	.000	LF +OF
570.40	83.33	566.25	.000	LF +OF
570.50	84.54	566.25	.000	LF +OF
570.60	85.70	566.25	.000	LF +OF
570.70	86.99	566.25	.000	LF +OF
570.80	88.30	566.25	.000	LF +OF
570.90	89.62	566.25	.000	LF +OF
571.00	90.96	566.25	.000	LF +OF
571.10	92.41	566.25	.000	LF +OF

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PondPack Ver:

Compute Time:

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Type... Composite Rating Curve  
Name... Outlet 3

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File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Notes		
Elev. ft	Q cfs	TW Elev ft	Converge Error +/-ft	Contributing Structures
571.20	93.93	566.25	.000	LF +OF
571.30	95.48	566.25	.000	LF +OF
571.40	97.04	566.25	.000	LF +OF
571.50	98.49	566.25	.000	LF +OF
571.60	100.30	566.25	.000	LF +OF
571.70	101.83	566.25	.000	LF +OF
571.80	103.55	566.25	.000	LF +OF
571.90	105.21	566.25	.000	LF +OF
572.00	106.92	566.25	.000	LF +OF
572.10	108.53	566.25	.000	LF +OF
572.20	110.34	566.25	.000	LF +OF
572.30	111.98	566.25	.000	LF +OF
572.40	113.65	566.25	.000	LF +OF
572.50	115.46	566.25	.000	LF +OF
572.60	117.12	566.25	.000	LF +OF
572.70	118.82	566.25	.000	LF +OF
572.80	120.56	566.25	.000	LF +OF
572.90	122.31	566.25	.000	LF +OF
573.00	123.81	566.25	.000	LF +OF

asbuilt basin 1 2 and 4.txt

573.10	125.54	566.25	.000	LF +OF
573.20	127.20	566.25	.000	LF +OF
573.30	128.78	566.25	.000	LF +OF
573.40	130.39	566.25	.000	LF +OF
573.50	131.97	566.25	.000	LF +OF
573.60	133.48	566.25	.000	LF +OF
573.70	135.01	566.25	.000	LF +OF
573.80	136.55	566.25	.000	LF +OF
573.90	138.03	566.25	.000	LF +OF
574.00	139.41	566.25	.000	LF +OF

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve  
Name... Outlet 3

Page 15.417

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	-16.83	566.50	.000	LF +OF
565.10	-16.83	566.50	.000	LF +OF
565.20	-16.83	566.50	.000	LF +OF
565.25	-16.83	566.50	.000	LF +OF
565.30	-16.83	566.50	.000	LF +OF
565.40	-16.83	566.50	.000	LF +OF
565.50	-16.83	566.50	.000	LF +OF
565.60	-16.83	566.50	.000	LF +OF
565.70	-16.83	566.50	.000	LF +OF
565.75	-16.83	566.50	.000	LF +OF
565.80	-16.83	566.50	.000	LF +OF
565.90	-16.83	566.50	.000	LF +OF
566.00	-16.83	566.50	.000	LF +OF
566.10	-16.55	566.50	.000	LF +OF
566.20	-15.55	566.50	.000	LF +OF
566.25	-14.73	566.50	.000	LF +OF
566.30	-13.64	566.50	.000	LF +OF
566.40	-10.30	566.50	.000	LF +OF
566.50	.00	566.50	.000	LF
566.60	11.31	566.50	.000	LF
566.70	15.92	566.50	.000	LF
566.75	17.73	566.50	.000	LF
566.80	19.43	566.50	.000	LF
566.90	22.30	566.50	.000	LF
567.00	24.74	566.50	.000	LF
567.10	26.78	566.50	.000	LF
567.20	28.33	566.50	.000	LF
567.25	28.84	566.50	.000	LF
567.30	29.95	566.50	.000	LF
567.40	31.86	566.50	.000	LF
567.50	34.02	566.50	.000	LF
567.60	36.17	566.50	.000	LF
567.70	38.39	566.50	.000	LF

asbuilt basin 1 2 and 4.txt

567.75 39.43 566.50 .000 LF  
 567.80 40.50 566.50 .000 LF  
 567.90 42.79 566.50 .000 LF

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Composite Rating Curve Page 15.418  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	44.74	566.50	.000	LF
568.10	46.89	566.50	.000	LF
568.20	48.88	566.50	.000	LF
568.25	49.90	566.50	.000	LF
568.30	50.92	566.50	.000	LF
568.40	53.19	566.50	.000	LF
568.50	55.01	566.50	.000	LF
568.60	56.89	566.50	.000	LF
568.70	60.13	566.50	.000	LF
568.75	61.00	566.50	.000	LF
568.80	61.81	566.50	.000	LF
568.90	63.23	566.50	.000	LF
569.00	64.53	566.50	.000	LF
569.10	65.81	566.50	.000	LF
569.20	67.07	566.50	.000	LF
569.25	67.68	566.50	.000	LF
569.30	68.30	566.50	.000	LF
569.40	69.51	566.50	.000	LF
569.50	70.70	566.50	.000	LF
569.60	71.86	566.50	.000	LF
569.70	73.02	566.50	.000	LF
569.75	73.57	566.50	.000	LF
569.80	74.14	566.50	.000	LF
569.90	75.26	566.50	.000	LF
570.00	76.36	566.50	.000	LF
570.10	77.45	566.50	.000	LF
570.20	78.50	566.50	.000	LF
570.30	79.60	566.50	.000	LF +OF
570.40	80.78	566.50	.000	LF +OF
570.50	82.02	566.50	.000	LF +OF
570.60	83.22	566.50	.000	LF +OF
570.70	84.53	566.50	.000	LF +OF
570.80	85.87	566.50	.000	LF +OF
570.90	87.23	566.50	.000	LF +OF
571.00	88.59	566.50	.000	LF +OF
571.10	90.06	566.50	.000	LF +OF

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Composite Rating Curve  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	91.62	566.50	.000	LF +OF
571.30	93.18	566.50	.000	LF +OF
571.40	94.77	566.50	.000	LF +OF
571.50	96.24	566.50	.000	LF +OF
571.60	98.07	566.50	.000	LF +OF
571.70	99.61	566.50	.000	LF +OF
571.80	101.36	566.50	.000	LF +OF
571.90	103.04	566.50	.000	LF +OF
572.00	104.76	566.50	.000	LF +OF
572.10	106.40	566.50	.000	LF +OF
572.20	108.21	566.50	.000	LF +OF
572.30	109.87	566.50	.000	LF +OF
572.40	111.58	566.50	.000	LF +OF
572.50	113.39	566.50	.000	LF +OF
572.60	115.07	566.50	.000	LF +OF
572.70	116.79	566.50	.000	LF +OF
572.80	118.56	566.50	.000	LF +OF
572.90	120.31	566.50	.000	LF +OF
573.00	121.83	566.50	.000	LF +OF
573.10	123.57	566.50	.000	LF +OF
573.20	125.25	566.50	.000	LF +OF
573.30	126.84	566.50	.000	LF +OF
573.40	128.46	566.50	.000	LF +OF
573.50	130.06	566.50	.000	LF +OF
573.60	131.58	566.50	.000	LF +OF
573.70	133.12	566.50	.000	LF +OF
573.80	134.68	566.50	.000	LF +OF
573.90	136.18	566.50	.000	LF +OF
574.00	137.56	566.50	.000	LF +OF

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures

asbuilt basin 1 2 and 4.txt

ft	cfs	ft	+/-ft	Contributing Structures
565.00	-21.36	566.75	.000	LF +OF
565.10	-21.36	566.75	.000	LF +OF
565.20	-21.36	566.75	.000	LF +OF
565.25	-21.36	566.75	.000	LF +OF
565.30	-21.36	566.75	.000	LF +OF
565.40	-21.36	566.75	.000	LF +OF
565.50	-21.36	566.75	.000	LF +OF
565.60	-21.36	566.75	.000	LF +OF
565.70	-21.36	566.75	.000	LF +OF
565.75	-21.36	566.75	.000	LF +OF
565.80	-21.36	566.75	.000	LF +OF
565.90	-21.36	566.75	.000	LF +OF
566.00	-21.36	566.75	.000	LF +OF
566.10	-21.36	566.75	.000	LF +OF
566.20	-21.22	566.75	.000	LF +OF
566.25	-20.96	566.75	.000	LF +OF
566.30	-20.55	566.75	.000	LF +OF
566.40	-19.26	566.75	.000	LF +OF
566.50	-17.17	566.75	.000	LF +OF
566.60	-13.83	566.75	.000	LF +OF
566.70	-8.39	566.75	.000	LF +OF
566.75	.00	566.75	.000	LF
566.80	8.64	566.75	.000	LF
566.90	15.02	566.75	.000	LF
567.00	19.43	566.75	.000	LF
567.10	23.12	566.75	.000	LF
567.20	26.27	566.75	.000	LF
567.25	27.75	566.75	.000	LF
567.30	29.13	566.75	.000	LF
567.40	31.82	566.75	.000	LF
567.50	34.36	566.75	.000	LF
567.60	36.73	566.75	.000	LF
567.70	38.99	566.75	.000	LF
567.75	40.08	566.75	.000	LF
567.80	41.19	566.75	.000	LF
567.90	43.30	566.75	.000	LF

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve

Page 15.421

Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	45.32	566.75	.000	LF
568.10	47.22	566.75	.000	LF
568.20	49.05	566.75	.000	LF
568.25	49.95	566.75	.000	LF
568.30	50.80	566.75	.000	LF

asbuilt basin 1 2 and 4.txt

568.40	52.44	566.75	.000	LF
568.50	54.00	566.75	.000	LF
568.60	55.51	566.75	.000	LF
568.70	57.00	566.75	.000	LF
568.75	57.72	566.75	.000	LF
568.80	58.43	566.75	.000	LF
568.90	59.85	566.75	.000	LF
569.00	61.23	566.75	.000	LF
569.10	62.56	566.75	.000	LF
569.20	63.88	566.75	.000	LF
569.25	64.52	566.75	.000	LF
569.30	65.18	566.75	.000	LF
569.40	66.45	566.75	.000	LF
569.50	67.69	566.75	.000	LF
569.60	68.90	566.75	.000	LF
569.70	70.09	566.75	.000	LF
569.75	70.70	566.75	.000	LF
569.80	71.29	566.75	.000	LF
569.90	72.44	566.75	.000	LF
570.00	73.58	566.75	.000	LF
570.10	74.71	566.75	.000	LF
570.20	75.81	566.75	.000	LF
570.30	76.95	566.75	.000	LF +OF
570.40	78.15	566.75	.000	LF +OF
570.50	79.41	566.75	.000	LF +OF
570.60	80.67	566.75	.000	LF +OF
570.70	82.01	566.75	.000	LF +OF
570.80	83.37	566.75	.000	LF +OF
570.90	84.77	566.75	.000	LF +OF
571.00	86.15	566.75	.000	LF +OF
571.10	87.64	566.75	.000	LF +OF

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PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve

Page 15.422

Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	89.23	566.75	.000	LF +OF
571.30	90.82	566.75	.000	LF +OF
571.40	92.42	566.75	.000	LF +OF
571.50	93.92	566.75	.000	LF +OF
571.60	95.78	566.75	.000	LF +OF
571.70	97.36	566.75	.000	LF +OF
571.80	99.11	566.75	.000	LF +OF
571.90	100.81	566.75	.000	LF +OF
572.00	102.56	566.75	.000	LF +OF
572.10	104.21	566.75	.000	LF +OF
572.20	106.06	566.75	.000	LF +OF
572.30	107.73	566.75	.000	LF +OF

asbuilt basin 1 2 and 4.txt

572.40	109.45	566.75	.000	LF +OF
572.50	111.27	566.75	.000	LF +OF
572.60	112.99	566.75	.000	LF +OF
572.70	114.72	566.75	.000	LF +OF
572.80	116.50	566.75	.000	LF +OF
572.90	118.28	566.75	.000	LF +OF
573.00	119.81	566.75	.000	LF +OF
573.10	121.56	566.75	.000	LF +OF
573.20	123.26	566.75	.000	LF +OF
573.30	124.87	566.75	.000	LF +OF
573.40	126.50	566.75	.000	LF +OF
573.50	128.10	566.75	.000	LF +OF
573.60	129.66	566.75	.000	LF +OF
573.70	131.21	566.75	.000	LF +OF
573.80	132.77	566.75	.000	LF +OF
573.90	134.29	566.75	.000	LF +OF
574.00	135.68	566.75	.000	LF +OF

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PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve  
Name... Outlet 3

Page 15.423

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	-25.80	567.00	.000	LF +OF
565.10	-25.80	567.00	.000	LF +OF
565.20	-25.80	567.00	.000	LF +OF
565.25	-25.80	567.00	.000	LF +OF
565.30	-25.80	567.00	.000	LF +OF
565.40	-25.80	567.00	.000	LF +OF
565.50	-25.80	567.00	.000	LF +OF
565.60	-25.80	567.00	.000	LF +OF
565.70	-25.80	567.00	.000	LF +OF
565.75	-25.80	567.00	.000	LF +OF
565.80	-25.80	567.00	.000	LF +OF
565.90	-25.80	567.00	.000	LF +OF
566.00	-25.80	567.00	.000	LF +OF
566.10	-25.80	567.00	.000	LF +OF
566.20	-25.80	567.00	.000	LF +OF
566.25	-25.80	567.00	.000	LF +OF
566.30	-25.75	567.00	.000	LF +OF
566.40	-25.27	567.00	.000	LF +OF
566.50	-24.27	567.00	.000	LF +OF
566.60	-22.65	567.00	.000	LF +OF
566.70	-20.31	567.00	.000	LF +OF
566.75	-18.88	567.00	.000	LF +OF
566.80	-17.07	567.00	.000	LF +OF
566.90	-12.40	567.00	.000	LF +OF
567.00	.00	567.00	.000	LF
567.10	12.80	567.00	.000	LF



asbuilt basin 1 2 and 4.txt

567.20	18.07	567.00	.000	LF
567.25	20.22	567.00	.000	LF
567.30	22.20	567.00	.000	LF
567.40	25.68	567.00	.000	LF
567.50	28.76	567.00	.000	LF
567.60	31.56	567.00	.000	LF
567.70	34.15	567.00	.000	LF
567.75	35.32	567.00	.000	LF
567.80	36.51	567.00	.000	LF
567.90	38.72	567.00	.000	LF

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	40.84	567.00	.000	LF
568.10	42.81	567.00	.000	LF
568.20	44.72	567.00	.000	LF
568.25	45.64	567.00	.000	LF
568.30	46.55	567.00	.000	LF
568.40	48.30	567.00	.000	LF
568.50	49.99	567.00	.000	LF
568.60	51.63	567.00	.000	LF
568.70	53.23	567.00	.000	LF
568.75	53.99	567.00	.000	LF
568.80	54.75	567.00	.000	LF
568.90	56.26	567.00	.000	LF
569.00	57.72	567.00	.000	LF
569.10	59.14	567.00	.000	LF
569.20	60.54	567.00	.000	LF
569.25	61.22	567.00	.000	LF
569.30	61.90	567.00	.000	LF
569.40	63.23	567.00	.000	LF
569.50	64.54	567.00	.000	LF
569.60	65.81	567.00	.000	LF
569.70	67.07	567.00	.000	LF
569.75	67.69	567.00	.000	LF
569.80	68.29	567.00	.000	LF
569.90	69.50	567.00	.000	LF
570.00	70.69	567.00	.000	LF
570.10	71.87	567.00	.000	LF
570.20	73.01	567.00	.000	LF
570.30	74.18	567.00	.000	LF +OF
570.40	75.45	567.00	.000	LF +OF
570.50	76.74	567.00	.000	LF +OF
570.60	78.01	567.00	.000	LF +OF
570.70	79.40	567.00	.000	LF +OF
570.80	80.80	567.00	.000	LF +OF

asbuilt basin 1 2 and 4.txt

570.90 82.22 567.00 .000 LF +0F  
 571.00 83.64 567.00 .000 LF +0F  
 571.10 85.17 567.00 .000 LF +0F

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 PondPack Ver: Compute Time: Date:

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Type... Composite Rating Curve Page 15.425  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	86.77	567.00	.000	LF +0F
571.30	88.39	567.00	.000	LF +0F
571.40	90.03	567.00	.000	LF +0F
571.50	91.56	567.00	.000	LF +0F
571.60	93.43	567.00	.000	LF +0F
571.70	95.03	567.00	.000	LF +0F
571.80	96.82	567.00	.000	LF +0F
571.90	98.54	567.00	.000	LF +0F
572.00	100.30	567.00	.000	LF +0F
572.10	101.98	567.00	.000	LF +0F
572.20	103.85	567.00	.000	LF +0F
572.30	105.55	567.00	.000	LF +0F
572.40	107.27	567.00	.000	LF +0F
572.50	109.13	567.00	.000	LF +0F
572.60	110.85	567.00	.000	LF +0F
572.70	112.61	567.00	.000	LF +0F
572.80	114.41	567.00	.000	LF +0F
572.90	116.20	567.00	.000	LF +0F
573.00	117.74	567.00	.000	LF +0F
573.10	119.52	567.00	.000	LF +0F
573.20	121.23	567.00	.000	LF +0F
573.30	122.85	567.00	.000	LF +0F
573.40	124.50	567.00	.000	LF +0F
573.50	126.13	567.00	.000	LF +0F
573.60	127.68	567.00	.000	LF +0F
573.70	129.26	567.00	.000	LF +0F
573.80	130.83	567.00	.000	LF +0F
573.90	132.37	567.00	.000	LF +0F
574.00	133.78	567.00	.000	LF +0F

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 PondPack Ver: Compute Time: Date:

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Type... Composite Rating Curve Page 15.426  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

asbuilt basin 1 2 and 4.txt  
 \*\*\*\*\* COMPOSITE OUTFLOW SUMMARY \*\*\*\*\*

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	-30.16	567.25	.000	LF +OF
565.10	-30.16	567.25	.000	LF +OF
565.20	-30.16	567.25	.000	LF +OF
565.25	-30.16	567.25	.000	LF +OF
565.30	-30.16	567.25	.000	LF +OF
565.40	-30.16	567.25	.000	LF +OF
565.50	-30.16	567.25	.000	LF +OF
565.60	-30.16	567.25	.000	LF +OF
565.70	-30.16	567.25	.000	LF +OF
565.75	-30.16	567.25	.000	LF +OF
565.80	-30.16	567.25	.000	LF +OF
565.90	-30.16	567.25	.000	LF +OF
566.00	-30.16	567.25	.000	LF +OF
566.10	-30.16	567.25	.000	LF +OF
566.20	-30.16	567.25	.000	LF +OF
566.25	-30.16	567.25	.000	LF +OF
566.30	-30.16	567.25	.000	LF +OF
566.40	-30.14	567.25	.000	LF +OF
566.50	-29.76	567.25	.000	LF +OF
566.60	-28.90	567.25	.000	LF +OF
566.70	-27.56	567.25	.000	LF +OF
566.75	-26.66	567.25	.000	LF +OF
566.80	-25.65	567.25	.000	LF +OF
566.90	-23.17	567.25	.000	LF +OF
567.00	-19.93	567.25	.000	LF +OF
567.10	-15.64	567.25	.000	LF +OF
567.20	-9.16	567.25	.000	LF +OF
567.25	.00	567.25	.000	LF
567.30	9.09	567.25	.000	LF
567.40	15.85	567.25	.000	LF
567.50	20.38	567.25	.000	LF
567.60	24.15	567.25	.000	LF
567.70	27.37	567.25	.000	LF
567.75	28.83	567.25	.000	LF
567.80	30.25	567.25	.000	LF
567.90	32.91	567.25	.000	LF

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PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve  
 Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev.	Q	TW Elev	Error	

asbuilt basin 1 2 and 4.txt				
ft	cfs	ft	+/-ft	Contributing Structures
568.00	35.35	567.25	.000	LF
568.10	37.62	567.25	.000	LF
568.20	39.77	567.25	.000	LF
568.25	40.82	567.25	.000	LF
568.30	41.82	567.25	.000	LF
568.40	43.78	567.25	.000	LF
568.50	45.62	567.25	.000	LF
568.60	47.43	567.25	.000	LF
568.70	49.15	567.25	.000	LF
568.75	50.00	567.25	.000	LF
568.80	50.82	567.25	.000	LF
568.90	52.44	567.25	.000	LF
569.00	54.01	567.25	.000	LF
569.10	55.51	567.25	.000	LF
569.20	56.99	567.25	.000	LF
569.25	57.73	567.25	.000	LF
569.30	58.44	567.25	.000	LF
569.40	59.86	567.25	.000	LF
569.50	61.23	567.25	.000	LF
569.60	62.56	567.25	.000	LF
569.70	63.89	567.25	.000	LF
569.75	64.54	567.25	.000	LF
569.80	65.18	567.25	.000	LF
569.90	66.44	567.25	.000	LF
570.00	67.69	567.25	.000	LF
570.10	68.91	567.25	.000	LF
570.20	70.09	567.25	.000	LF
570.30	71.32	567.25	.000	LF +OF
570.40	72.62	567.25	.000	LF +OF
570.50	73.96	567.25	.000	LF +OF
570.60	75.28	567.25	.000	LF +OF
570.70	76.69	567.25	.000	LF +OF
570.80	78.14	567.25	.000	LF +OF
570.90	79.60	567.25	.000	LF +OF
571.00	81.06	567.25	.000	LF +OF
571.10	82.60	567.25	.000	LF +OF

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PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve

Page 15.428

Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	84.25	567.25	.000	LF +OF
571.30	85.89	567.25	.000	LF +OF
571.40	87.57	567.25	.000	LF +OF
571.50	89.11	567.25	.000	LF +OF
571.60	91.02	567.25	.000	LF +OF

asbuilt basin 1 2 and 4.txt

571.70	92.65	567.25	.000	LF +OF
571.80	94.46	567.25	.000	LF +OF
571.90	96.19	567.25	.000	LF +OF
572.00	98.00	567.25	.000	LF +OF
572.10	99.70	567.25	.000	LF +OF
572.20	101.58	567.25	.000	LF +OF
572.30	103.30	567.25	.000	LF +OF
572.40	105.05	567.25	.000	LF +OF
572.50	106.93	567.25	.000	LF +OF
572.60	108.68	567.25	.000	LF +OF
572.70	110.44	567.25	.000	LF +OF
572.80	112.27	567.25	.000	LF +OF
572.90	114.08	567.25	.000	LF +OF
573.00	115.63	567.25	.000	LF +OF
573.10	117.42	567.25	.000	LF +OF
573.20	119.17	567.25	.000	LF +OF
573.30	120.80	567.25	.000	LF +OF
573.40	122.46	567.25	.000	LF +OF
573.50	124.10	567.25	.000	LF +OF
573.60	125.68	567.25	.000	LF +OF
573.70	127.27	567.25	.000	LF +OF
573.80	128.86	567.25	.000	LF +OF
573.90	130.40	567.25	.000	LF +OF
574.00	131.83	567.25	.000	LF +OF

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PondPack Ver:

Compute Time:

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Type... Composite Rating Curve  
 Name... Outlet 3

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File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Notes		
Elev. ft	Q cfs	TW Elev ft	Converge Error +/-ft	Contributing Structures
565.00	-34.40	567.50	.000	LF +OF
565.10	-34.40	567.50	.000	LF +OF
565.20	-34.40	567.50	.000	LF +OF
565.25	-34.40	567.50	.000	LF +OF
565.30	-34.40	567.50	.000	LF +OF
565.40	-34.40	567.50	.000	LF +OF
565.50	-34.40	567.50	.000	LF +OF
565.60	-34.40	567.50	.000	LF +OF
565.70	-34.40	567.50	.000	LF +OF
565.75	-34.40	567.50	.000	LF +OF
565.80	-34.40	567.50	.000	LF +OF
565.90	-34.40	567.50	.000	LF +OF
566.00	-34.40	567.50	.000	LF +OF
566.10	-34.40	567.50	.000	LF +OF
566.20	-34.40	567.50	.000	LF +OF
566.25	-34.40	567.50	.000	LF +OF
566.30	-34.40	567.50	.000	LF +OF
566.40	-34.40	567.50	.000	LF +OF
566.50	-34.38	567.50	.000	LF +OF

asbuilt basin 1 2 and 4.txt

566.60	-34.00	567.50	.000	LF +OF
566.70	-33.19	567.50	.000	LF +OF
566.75	-32.64	567.50	.000	LF +OF
566.80	-32.00	567.50	.000	LF +OF
566.90	-30.33	567.50	.000	LF +OF
567.00	-28.18	567.50	.000	LF +OF
567.10	-25.56	567.50	.000	LF +OF
567.20	-22.32	567.50	.000	LF +OF
567.25	-20.41	567.50	.000	LF +OF
567.30	-18.22	567.50	.000	LF +OF
567.40	-12.97	567.50	.000	LF +OF
567.50	.00	567.50	.000	LF
567.60	12.85	567.50	.000	LF
567.70	18.25	567.50	.000	LF
567.75	20.38	567.50	.000	LF
567.80	22.36	567.50	.000	LF
567.90	25.83	567.50	.000	LF

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	28.86	567.50	.000	LF
568.10	31.63	567.50	.000	LF
568.20	34.14	567.50	.000	LF
568.25	35.34	567.50	.000	LF
568.30	36.49	567.50	.000	LF
568.40	38.71	567.50	.000	LF
568.50	40.83	567.50	.000	LF
568.60	42.79	567.50	.000	LF
568.70	44.73	567.50	.000	LF
568.75	45.62	567.50	.000	LF
568.80	46.55	567.50	.000	LF
568.90	48.28	567.50	.000	LF
569.00	50.00	567.50	.000	LF
569.10	51.64	567.50	.000	LF
569.20	53.20	567.50	.000	LF
569.25	54.00	567.50	.000	LF
569.30	54.76	567.50	.000	LF
569.40	56.26	567.50	.000	LF
569.50	57.72	567.50	.000	LF
569.60	59.15	567.50	.000	LF
569.70	60.55	567.50	.000	LF
569.75	61.22	567.50	.000	LF
569.80	61.89	567.50	.000	LF
569.90	63.24	567.50	.000	LF
570.00	64.53	567.50	.000	LF
570.10	65.82	567.50	.000	LF

asbuilt basin 1 2 and 4.txt

570.20	67.07	567.50	.000	LF
570.30	68.34	567.50	.000	LF +OF
570.40	69.68	567.50	.000	LF +OF
570.50	71.07	567.50	.000	LF +OF
570.60	72.45	567.50	.000	LF +OF
570.70	73.91	567.50	.000	LF +OF
570.80	75.37	567.50	.000	LF +OF
570.90	76.87	567.50	.000	LF +OF
571.00	78.36	567.50	.000	LF +OF
571.10	79.95	567.50	.000	LF +OF

S/N:

PondPack Ver:

Compute Time:

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Type... Composite Rating Curve  
Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	81.64	567.50	.000	LF +OF
571.30	83.32	567.50	.000	LF +OF
571.40	85.02	567.50	.000	LF +OF
571.50	86.61	567.50	.000	LF +OF
571.60	88.54	567.50	.000	LF +OF
571.70	90.20	567.50	.000	LF +OF
571.80	92.03	567.50	.000	LF +OF
571.90	93.79	567.50	.000	LF +OF
572.00	95.63	567.50	.000	LF +OF
572.10	97.34	567.50	.000	LF +OF
572.20	99.26	567.50	.000	LF +OF
572.30	100.99	567.50	.000	LF +OF
572.40	102.78	567.50	.000	LF +OF
572.50	104.67	567.50	.000	LF +OF
572.60	106.45	567.50	.000	LF +OF
572.70	108.23	567.50	.000	LF +OF
572.80	110.07	567.50	.000	LF +OF
572.90	111.91	567.50	.000	LF +OF
573.00	113.49	567.50	.000	LF +OF
573.10	115.30	567.50	.000	LF +OF
573.20	117.05	567.50	.000	LF +OF
573.30	118.70	567.50	.000	LF +OF
573.40	120.39	567.50	.000	LF +OF
573.50	122.04	567.50	.000	LF +OF
573.60	123.64	567.50	.000	LF +OF
573.70	125.23	567.50	.000	LF +OF
573.80	126.85	567.50	.000	LF +OF
573.90	128.40	567.50	.000	LF +OF
574.00	129.85	567.50	.000	LF +OF

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Compute Time:

Date:

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Type... Composite Rating Curve  
 Name... Outlet 3

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	-38.48	567.75	.000	LF +OF
565.10	-38.48	567.75	.000	LF +OF
565.20	-38.48	567.75	.000	LF +OF
565.25	-38.48	567.75	.000	LF +OF
565.30	-38.48	567.75	.000	LF +OF
565.40	-38.48	567.75	.000	LF +OF
565.50	-38.48	567.75	.000	LF +OF
565.60	-38.48	567.75	.000	LF +OF
565.70	-38.48	567.75	.000	LF +OF
565.75	-38.48	567.75	.000	LF +OF
565.80	-38.48	567.75	.000	LF +OF
565.90	-38.48	567.75	.000	LF +OF
566.00	-38.48	567.75	.000	LF +OF
566.10	-38.48	567.75	.000	LF +OF
566.20	-38.48	567.75	.000	LF +OF
566.25	-38.48	567.75	.000	LF +OF
566.30	-38.48	567.75	.000	LF +OF
566.40	-38.48	567.75	.000	LF +OF
566.50	-38.48	567.75	.000	LF +OF
566.60	-38.43	567.75	.000	LF +OF
566.70	-38.00	567.75	.000	LF +OF
566.75	-37.67	567.75	.000	LF +OF
566.80	-37.24	567.75	.000	LF +OF
566.90	-36.05	567.75	.000	LF +OF
567.00	-34.52	567.75	.000	LF +OF
567.10	-32.57	567.75	.000	LF +OF
567.20	-30.23	567.75	.000	LF +OF
567.25	-28.85	567.75	.000	LF +OF
567.30	-27.37	567.75	.000	LF +OF
567.40	-24.13	567.75	.000	LF +OF
567.50	-20.41	567.75	.000	LF +OF
567.60	-15.83	567.75	.000	LF +OF
567.70	-9.16	567.75	.000	LF +OF
567.75	.00	567.75	.000	LF
567.80	9.12	567.75	.000	LF
567.90	15.79	567.75	.000	LF

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Compute Time:

Date:

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Type... Composite Rating Curve  
 Name... Outlet 3

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW



asbuilt basin 1 2 and 4.txt  
 \*\*\*\*\* COMPOSITE OUTFLOW SUMMARY \*\*\*\*\*

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS El ev, Total Q		Converge		Notes
El ev. ft	Q cfs	TW El ev ft	Error +/-ft	Contri buting Structures
568.00	20.42	567.75	.000	LF
568.10	24.16	567.75	.000	LF
568.20	27.39	567.75	.000	LF
568.25	28.89	567.75	.000	LF
568.30	30.30	567.75	.000	LF
568.40	32.91	567.75	.000	LF
568.50	35.33	567.75	.000	LF
568.60	37.62	567.75	.000	LF
568.70	39.78	567.75	.000	LF
568.75	40.82	567.75	.000	LF
568.80	41.83	567.75	.000	LF
568.90	43.79	567.75	.000	LF
569.00	45.62	567.75	.000	LF
569.10	47.41	567.75	.000	LF
569.20	49.15	567.75	.000	LF
569.25	49.97	567.75	.000	LF
569.30	50.82	567.75	.000	LF
569.40	52.44	567.75	.000	LF
569.50	53.99	567.75	.000	LF
569.60	55.50	567.75	.000	LF
569.70	56.98	567.75	.000	LF
569.75	57.72	567.75	.000	LF
569.80	58.44	567.75	.000	LF
569.90	59.84	567.75	.000	LF
570.00	61.22	567.75	.000	LF
570.10	62.57	567.75	.000	LF
570.20	63.89	567.75	.000	LF
570.30	65.21	567.75	.000	LF +OF
570.40	66.62	567.75	.000	LF +OF
570.50	68.08	567.75	.000	LF +OF
570.60	69.48	567.75	.000	LF +OF
570.70	70.99	567.75	.000	LF +OF
570.80	72.51	567.75	.000	LF +OF
570.90	74.05	567.75	.000	LF +OF
571.00	75.60	567.75	.000	LF +OF
571.10	77.22	567.75	.000	LF +OF

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Compute Time:

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Type . . . Composite Rating Curve  
 Name . . . Outlet 3

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File . . . \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS El ev, Total Q		Converge		Notes
El ev.	Q	TW El ev	Error	

asbuilt basin 1 2 and 4.txt

ft	cfs	ft	+/-ft	Contributing Structures
571.20	78.94	567.75	.000	LF +OF
571.30	80.66	567.75	.000	LF +OF
571.40	82.40	567.75	.000	LF +OF
571.50	84.01	567.75	.000	LF +OF
571.60	85.99	567.75	.000	LF +OF
571.70	87.67	567.75	.000	LF +OF
571.80	89.53	567.75	.000	LF +OF
571.90	91.33	567.75	.000	LF +OF
572.00	93.18	567.75	.000	LF +OF
572.10	94.94	567.75	.000	LF +OF
572.20	96.87	567.75	.000	LF +OF
572.30	98.64	567.75	.000	LF +OF
572.40	100.45	567.75	.000	LF +OF
572.50	102.37	567.75	.000	LF +OF
572.60	104.15	567.75	.000	LF +OF
572.70	105.96	567.75	.000	LF +OF
572.80	107.83	567.75	.000	LF +OF
572.90	109.68	567.75	.000	LF +OF
573.00	111.28	567.75	.000	LF +OF
573.10	113.11	567.75	.000	LF +OF
573.20	114.89	567.75	.000	LF +OF
573.30	116.56	567.75	.000	LF +OF
573.40	118.26	567.75	.000	LF +OF
573.50	119.94	567.75	.000	LF +OF
573.60	121.55	567.75	.000	LF +OF
573.70	123.17	567.75	.000	LF +OF
573.80	124.79	567.75	.000	LF +OF
573.90	126.37	567.75	.000	LF +OF
574.00	127.82	567.75	.000	LF +OF

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PondPack Ver:

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Type... Composite Rating Curve

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	-42.39	568.00	.000	LF +OF
565.10	-42.39	568.00	.000	LF +OF
565.20	-42.39	568.00	.000	LF +OF
565.25	-42.39	568.00	.000	LF +OF
565.30	-42.39	568.00	.000	LF +OF
565.40	-42.39	568.00	.000	LF +OF
565.50	-42.39	568.00	.000	LF +OF
565.60	-42.39	568.00	.000	LF +OF
565.70	-42.39	568.00	.000	LF +OF
565.75	-42.39	568.00	.000	LF +OF
565.80	-42.39	568.00	.000	LF +OF
565.90	-42.39	568.00	.000	LF +OF

asbuilt basin 1 2 and 4.txt

566.00	-42.39	568.00	.000	LF +OF
566.10	-42.39	568.00	.000	LF +OF
566.20	-42.39	568.00	.000	LF +OF
566.25	-42.39	568.00	.000	LF +OF
566.30	-42.39	568.00	.000	LF +OF
566.40	-42.39	568.00	.000	LF +OF
566.50	-42.39	568.00	.000	LF +OF
566.60	-42.39	568.00	.000	LF +OF
566.70	-42.30	568.00	.000	LF +OF
566.75	-42.11	568.00	.000	LF +OF
566.80	-41.82	568.00	.000	LF +OF
566.90	-41.01	568.00	.000	LF +OF
567.00	-39.82	568.00	.000	LF +OF
567.10	-38.31	568.00	.000	LF +OF
567.20	-36.43	568.00	.000	LF +OF
567.25	-35.33	568.00	.000	LF +OF
567.30	-34.14	568.00	.000	LF +OF
567.40	-31.61	568.00	.000	LF +OF
567.50	-28.85	568.00	.000	LF +OF
567.60	-25.84	568.00	.000	LF +OF
567.70	-22.36	568.00	.000	LF +OF
567.75	-20.41	568.00	.000	LF +OF
567.80	-18.22	568.00	.000	LF +OF
567.90	-12.97	568.00	.000	LF +OF

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Type... Composite Rating Curve  
Name... Outlet 3

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File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Notes		
Elev. ft	Q cfs	TW Elev ft	Converge Error +/-ft	Contributing Structures
568.00	.00	568.00	.000	LF
568.10	12.87	568.00	.000	LF
568.20	18.23	568.00	.000	LF
568.25	20.44	568.00	.000	LF
568.30	22.36	568.00	.000	LF
568.40	25.79	568.00	.000	LF
568.50	28.85	568.00	.000	LF
568.60	31.64	568.00	.000	LF
568.70	34.14	568.00	.000	LF
568.75	35.36	568.00	.000	LF
568.80	36.51	568.00	.000	LF
568.90	38.72	568.00	.000	LF
569.00	40.80	568.00	.000	LF
569.10	42.80	568.00	.000	LF
569.20	44.70	568.00	.000	LF
569.25	45.63	568.00	.000	LF
569.30	46.55	568.00	.000	LF
569.40	48.31	568.00	.000	LF
569.50	49.99	568.00	.000	LF

asbuilt basin 1 2 and 4.txt

569.60	51.63	568.00	.000	LF
569.70	53.22	568.00	.000	LF
569.75	53.99	568.00	.000	LF
569.80	54.76	568.00	.000	LF
569.90	56.26	568.00	.000	LF
570.00	57.71	568.00	.000	LF
570.10	59.15	568.00	.000	LF
570.20	60.53	568.00	.000	LF
570.30	61.93	568.00	.000	LF +OF
570.40	63.40	568.00	.000	LF +OF
570.50	64.91	568.00	.000	LF +OF
570.60	66.38	568.00	.000	LF +OF
570.70	67.94	568.00	.000	LF +OF
570.80	69.54	568.00	.000	LF +OF
570.90	71.13	568.00	.000	LF +OF
571.00	72.72	568.00	.000	LF +OF
571.10	74.38	568.00	.000	LF +OF

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Type... Composite Rating Curve  
Name... Outlet 3

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	76.15	568.00	.000	LF +OF
571.30	77.90	568.00	.000	LF +OF
571.40	79.68	568.00	.000	LF +OF
571.50	81.33	568.00	.000	LF +OF
571.60	83.34	568.00	.000	LF +OF
571.70	85.05	568.00	.000	LF +OF
571.80	86.95	568.00	.000	LF +OF
571.90	88.79	568.00	.000	LF +OF
572.00	90.68	568.00	.000	LF +OF
572.10	92.45	568.00	.000	LF +OF
572.20	94.42	568.00	.000	LF +OF
572.30	96.22	568.00	.000	LF +OF
572.40	98.06	568.00	.000	LF +OF
572.50	99.98	568.00	.000	LF +OF
572.60	101.80	568.00	.000	LF +OF
572.70	103.65	568.00	.000	LF +OF
572.80	105.54	568.00	.000	LF +OF
572.90	107.41	568.00	.000	LF +OF
573.00	109.04	568.00	.000	LF +OF
573.10	110.89	568.00	.000	LF +OF
573.20	112.68	568.00	.000	LF +OF
573.30	114.37	568.00	.000	LF +OF
573.40	116.09	568.00	.000	LF +OF
573.50	117.79	568.00	.000	LF +OF
573.60	119.42	568.00	.000	LF +OF
573.70	121.06	568.00	.000	LF +OF

asbuilt basin 1 2 and 4.txt

573.80 122.69 568.00 .000 LF +OF  
 573.90 124.29 568.00 .000 LF +OF  
 574.00 125.76 568.00 .000 LF +OF

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Type... Composite Rating Curve Page 15.438  
 Name... Outlet 3

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	-46.16	568.25	.000	LF +OF
565.10	-46.16	568.25	.000	LF +OF
565.20	-46.16	568.25	.000	LF +OF
565.25	-46.16	568.25	.000	LF +OF
565.30	-46.16	568.25	.000	LF +OF
565.40	-46.16	568.25	.000	LF +OF
565.50	-46.16	568.25	.000	LF +OF
565.60	-46.16	568.25	.000	LF +OF
565.70	-46.16	568.25	.000	LF +OF
565.75	-46.16	568.25	.000	LF +OF
565.80	-46.16	568.25	.000	LF +OF
565.90	-46.16	568.25	.000	LF +OF
566.00	-46.16	568.25	.000	LF +OF
566.10	-46.16	568.25	.000	LF +OF
566.20	-46.16	568.25	.000	LF +OF
566.25	-46.16	568.25	.000	LF +OF
566.30	-46.16	568.25	.000	LF +OF
566.40	-46.16	568.25	.000	LF +OF
566.50	-46.16	568.25	.000	LF +OF
566.60	-46.16	568.25	.000	LF +OF
566.70	-46.16	568.25	.000	LF +OF
566.75	-46.09	568.25	.000	LF +OF
566.80	-45.94	568.25	.000	LF +OF
566.90	-45.40	568.25	.000	LF +OF
567.00	-44.54	568.25	.000	LF +OF
567.10	-43.30	568.25	.000	LF +OF
567.20	-41.72	568.25	.000	LF +OF
567.25	-40.82	568.25	.000	LF +OF
567.30	-39.77	568.25	.000	LF +OF
567.40	-37.62	568.25	.000	LF +OF
567.50	-35.33	568.25	.000	LF +OF
567.60	-32.90	568.25	.000	LF +OF
567.70	-30.28	568.25	.000	LF +OF
567.75	-28.85	568.25	.000	LF +OF
567.80	-27.37	568.25	.000	LF +OF
567.90	-24.13	568.25	.000	LF +OF

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Type... Composite Rating Curve  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	-20.41	568.25	.000	LF +OF
568.10	-15.83	568.25	.000	LF +OF
568.20	-9.16	568.25	.000	LF +OF
568.25	.00	568.25	.000	LF
568.30	9.04	568.25	.000	LF
568.40	15.84	568.25	.000	LF
568.50	20.41	568.25	.000	LF
568.60	24.12	568.25	.000	LF
568.70	27.40	568.25	.000	LF
568.75	28.88	568.25	.000	LF
568.80	30.25	568.25	.000	LF
568.90	32.92	568.25	.000	LF
569.00	35.36	568.25	.000	LF
569.10	37.64	568.25	.000	LF
569.20	39.79	568.25	.000	LF
569.25	40.81	568.25	.000	LF
569.30	41.83	568.25	.000	LF
569.40	43.77	568.25	.000	LF
569.50	45.62	568.25	.000	LF
569.60	47.41	568.25	.000	LF
569.70	49.15	568.25	.000	LF
569.75	50.00	568.25	.000	LF
569.80	50.82	568.25	.000	LF
569.90	52.44	568.25	.000	LF
570.00	53.99	568.25	.000	LF
570.10	55.51	568.25	.000	LF
570.20	56.98	568.25	.000	LF
570.30	58.49	568.25	.000	LF +OF
570.40	60.02	568.25	.000	LF +OF
570.50	61.61	568.25	.000	LF +OF
570.60	63.15	568.25	.000	LF +OF
570.70	64.76	568.25	.000	LF +OF
570.80	66.41	568.25	.000	LF +OF
570.90	68.06	568.25	.000	LF +OF
571.00	69.70	568.25	.000	LF +OF
571.10	71.42	568.25	.000	LF +OF

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

asbuilt basin 1 2 and 4.txt  
 \*\*\*\*\* COMPOSITE OUTFLOW SUMMARY \*\*\*\*\*

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	73.23	568.25	.000	LF +OF
571.30	75.04	568.25	.000	LF +OF
571.40	76.86	568.25	.000	LF +OF
571.50	78.56	568.25	.000	LF +OF
571.60	80.60	568.25	.000	LF +OF
571.70	82.35	568.25	.000	LF +OF
571.80	84.30	568.25	.000	LF +OF
571.90	86.17	568.25	.000	LF +OF
572.00	88.08	568.25	.000	LF +OF
572.10	89.90	568.25	.000	LF +OF
572.20	91.89	568.25	.000	LF +OF
572.30	93.72	568.25	.000	LF +OF
572.40	95.58	568.25	.000	LF +OF
572.50	97.56	568.25	.000	LF +OF
572.60	99.39	568.25	.000	LF +OF
572.70	101.26	568.25	.000	LF +OF
572.80	103.16	568.25	.000	LF +OF
572.90	105.07	568.25	.000	LF +OF
573.00	106.72	568.25	.000	LF +OF
573.10	108.60	568.25	.000	LF +OF
573.20	110.41	568.25	.000	LF +OF
573.30	112.13	568.25	.000	LF +OF
573.40	113.86	568.25	.000	LF +OF
573.50	115.58	568.25	.000	LF +OF
573.60	117.24	568.25	.000	LF +OF
573.70	118.90	568.25	.000	LF +OF
573.80	120.56	568.25	.000	LF +OF
573.90	122.17	568.25	.000	LF +OF
574.00	123.66	568.25	.000	LF +OF

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Type... Composite Rating Curve

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	-49.73	568.50	.000	LF +OF
565.10	-49.73	568.50	.000	LF +OF
565.20	-49.73	568.50	.000	LF +OF
565.25	-49.73	568.50	.000	LF +OF
565.30	-49.73	568.50	.000	LF +OF

asbuilt basin 1 2 and 4.txt

565.40	-49.73	568.50	.000	LF +OF
565.50	-49.73	568.50	.000	LF +OF
565.60	-49.73	568.50	.000	LF +OF
565.70	-49.73	568.50	.000	LF +OF
565.75	-49.73	568.50	.000	LF +OF
565.80	-49.73	568.50	.000	LF +OF
565.90	-49.73	568.50	.000	LF +OF
566.00	-49.73	568.50	.000	LF +OF
566.10	-49.73	568.50	.000	LF +OF
566.20	-49.73	568.50	.000	LF +OF
566.25	-49.73	568.50	.000	LF +OF
566.30	-49.73	568.50	.000	LF +OF
566.40	-49.73	568.50	.000	LF +OF
566.50	-49.73	568.50	.000	LF +OF
566.60	-49.73	568.50	.000	LF +OF
566.70	-49.73	568.50	.000	LF +OF
566.75	-49.73	568.50	.000	LF +OF
566.80	-49.71	568.50	.000	LF +OF
566.90	-49.38	568.50	.000	LF +OF
567.00	-48.76	568.50	.000	LF +OF
567.10	-47.76	568.50	.000	LF +OF
567.20	-46.44	568.50	.000	LF +OF
567.25	-45.63	568.50	.000	LF +OF
567.30	-44.73	568.50	.000	LF +OF
567.40	-42.82	568.50	.000	LF +OF
567.50	-40.82	568.50	.000	LF +OF
567.60	-38.72	568.50	.000	LF +OF
567.70	-36.53	568.50	.000	LF +OF
567.75	-35.33	568.50	.000	LF +OF
567.80	-34.14	568.50	.000	LF +OF
567.90	-31.61	568.50	.000	LF +OF

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Type... Composite Rating Curve

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	-28.85	568.50	.000	LF +OF
568.10	-25.84	568.50	.000	LF +OF
568.20	-22.36	568.50	.000	LF +OF
568.25	-20.41	568.50	.000	LF +OF
568.30	-18.22	568.50	.000	LF +OF
568.40	-12.97	568.50	.000	LF +OF
568.50	.00	568.50	.000	LF
568.60	12.91	568.50	.000	LF
568.70	18.22	568.50	.000	LF
568.75	20.38	568.50	.000	LF
568.80	22.37	568.50	.000	LF
568.90	25.82	568.50	.000	LF



asbuilt basin 1 2 and 4.txt

569.00	28.89	568.50	.000	LF
569.10	31.63	568.50	.000	LF
569.20	34.16	568.50	.000	LF
569.25	35.35	568.50	.000	LF
569.30	36.51	568.50	.000	LF
569.40	38.71	568.50	.000	LF
569.50	40.81	568.50	.000	LF
569.60	42.79	568.50	.000	LF
569.70	44.72	568.50	.000	LF
569.75	45.62	568.50	.000	LF
569.80	46.53	568.50	.000	LF
569.90	48.28	568.50	.000	LF
570.00	50.00	568.50	.000	LF
570.10	51.62	568.50	.000	LF
570.20	53.23	568.50	.000	LF
570.30	54.80	568.50	.000	LF +OF
570.40	56.44	568.50	.000	LF +OF
570.50	58.09	568.50	.000	LF +OF
570.60	59.72	568.50	.000	LF +OF
570.70	61.42	568.50	.000	LF +OF
570.80	63.13	568.50	.000	LF +OF
570.90	64.84	568.50	.000	LF +OF
571.00	66.54	568.50	.000	LF +OF
571.10	68.32	568.50	.000	LF +OF

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PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve  
 Name... Outlet 3

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File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Notes		
Elev. ft	Q cfs	TW Elev ft	Converge Error +/-ft	Contributing Structures
571.20	70.19	568.50	.000	LF +OF
571.30	72.06	568.50	.000	LF +OF
571.40	73.93	568.50	.000	LF +OF
571.50	75.67	568.50	.000	LF +OF
571.60	77.77	568.50	.000	LF +OF
571.70	79.57	568.50	.000	LF +OF
571.80	81.55	568.50	.000	LF +OF
571.90	83.44	568.50	.000	LF +OF
572.00	85.41	568.50	.000	LF +OF
572.10	87.26	568.50	.000	LF +OF
572.20	89.28	568.50	.000	LF +OF
572.30	91.14	568.50	.000	LF +OF
572.40	93.04	568.50	.000	LF +OF
572.50	95.04	568.50	.000	LF +OF
572.60	96.92	568.50	.000	LF +OF
572.70	98.81	568.50	.000	LF +OF
572.80	100.74	568.50	.000	LF +OF
572.90	102.67	568.50	.000	LF +OF
573.00	104.35	568.50	.000	LF +OF

asbuilt basin 1 2 and 4.txt

573.10	106.25	568.50	.000	LF +OF
573.20	108.09	568.50	.000	LF +OF
573.30	109.82	568.50	.000	LF +OF
573.40	111.59	568.50	.000	LF +OF
573.50	113.34	568.50	.000	LF +OF
573.60	115.01	568.50	.000	LF +OF
573.70	116.68	568.50	.000	LF +OF
573.80	118.35	568.50	.000	LF +OF
573.90	120.00	568.50	.000	LF +OF
574.00	121.50	568.50	.000	LF +OF

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Type... Composite Rating Curve  
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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	-53.29	568.75	.000	LF +OF
565.10	-53.29	568.75	.000	LF +OF
565.20	-53.29	568.75	.000	LF +OF
565.25	-53.29	568.75	.000	LF +OF
565.30	-53.29	568.75	.000	LF +OF
565.40	-53.29	568.75	.000	LF +OF
565.50	-53.29	568.75	.000	LF +OF
565.60	-53.29	568.75	.000	LF +OF
565.70	-53.29	568.75	.000	LF +OF
565.75	-53.29	568.75	.000	LF +OF
565.80	-53.29	568.75	.000	LF +OF
565.90	-53.29	568.75	.000	LF +OF
566.00	-53.29	568.75	.000	LF +OF
566.10	-53.29	568.75	.000	LF +OF
566.20	-53.29	568.75	.000	LF +OF
566.25	-53.29	568.75	.000	LF +OF
566.30	-53.29	568.75	.000	LF +OF
566.40	-53.29	568.75	.000	LF +OF
566.50	-53.29	568.75	.000	LF +OF
566.60	-53.29	568.75	.000	LF +OF
566.70	-53.29	568.75	.000	LF +OF
566.75	-53.29	568.75	.000	LF +OF
566.80	-53.29	568.75	.000	LF +OF
566.90	-53.14	568.75	.000	LF +OF
567.00	-52.64	568.75	.000	LF +OF
567.10	-51.86	568.75	.000	LF +OF
567.20	-50.71	568.75	.000	LF +OF
567.25	-49.97	568.75	.000	LF +OF
567.30	-49.16	568.75	.000	LF +OF
567.40	-47.42	568.75	.000	LF +OF
567.50	-45.63	568.75	.000	LF +OF
567.60	-43.77	568.75	.000	LF +OF
567.70	-41.82	568.75	.000	LF +OF

asbuilt basin 1 2 and 4.txt

567.75 -40.82 568.75 .000 LF +OF  
 567.80 -39.77 568.75 .000 LF +OF  
 567.90 -37.62 568.75 .000 LF +OF

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Type... Composite Rating Curve  
 Name... Outlet 3

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File... \\serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	-35.33	568.75	.000	LF +OF
568.10	-32.90	568.75	.000	LF +OF
568.20	-30.28	568.75	.000	LF +OF
568.25	-28.85	568.75	.000	LF +OF
568.30	-27.37	568.75	.000	LF +OF
568.40	-24.13	568.75	.000	LF +OF
568.50	-20.41	568.75	.000	LF +OF
568.60	-15.83	568.75	.000	LF +OF
568.70	-9.16	568.75	.000	LF +OF
568.75	.00	568.75	.000	LF
568.80	9.19	568.75	.000	LF
568.90	15.83	568.75	.000	LF
569.00	20.40	568.75	.000	LF
569.10	24.16	568.75	.000	LF
569.20	27.40	568.75	.000	LF
569.25	28.88	568.75	.000	LF
569.30	30.27	568.75	.000	LF
569.40	32.92	568.75	.000	LF
569.50	35.37	568.75	.000	LF
569.60	37.64	568.75	.000	LF
569.70	39.80	568.75	.000	LF
569.75	40.81	568.75	.000	LF
569.80	41.84	568.75	.000	LF
569.90	43.76	568.75	.000	LF
570.00	45.63	568.75	.000	LF
570.10	47.42	568.75	.000	LF
570.20	49.14	568.75	.000	LF
570.30	50.85	568.75	.000	LF +OF
570.40	52.60	568.75	.000	LF +OF
570.50	54.38	568.75	.000	LF +OF
570.60	56.09	568.75	.000	LF +OF
570.70	57.89	568.75	.000	LF +OF
570.80	59.68	568.75	.000	LF +OF
570.90	61.47	568.75	.000	LF +OF
571.00	63.25	568.75	.000	LF +OF
571.10	65.09	568.75	.000	LF +OF

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	67.01	568.75	.000	LF +OF
571.30	68.92	568.75	.000	LF +OF
571.40	70.85	568.75	.000	LF +OF
571.50	72.66	568.75	.000	LF +OF
571.60	74.80	568.75	.000	LF +OF
571.70	76.64	568.75	.000	LF +OF
571.80	78.67	568.75	.000	LF +OF
571.90	80.64	568.75	.000	LF +OF
572.00	82.63	568.75	.000	LF +OF
572.10	84.51	568.75	.000	LF +OF
572.20	86.60	568.75	.000	LF +OF
572.30	88.48	568.75	.000	LF +OF
572.40	90.40	568.75	.000	LF +OF
572.50	92.45	568.75	.000	LF +OF
572.60	94.35	568.75	.000	LF +OF
572.70	96.28	568.75	.000	LF +OF
572.80	98.25	568.75	.000	LF +OF
572.90	100.21	568.75	.000	LF +OF
573.00	101.91	568.75	.000	LF +OF
573.10	103.83	568.75	.000	LF +OF
573.20	105.71	568.75	.000	LF +OF
573.30	107.47	568.75	.000	LF +OF
573.40	109.26	568.75	.000	LF +OF
573.50	111.02	568.75	.000	LF +OF
573.60	112.72	568.75	.000	LF +OF
573.70	114.42	568.75	.000	LF +OF
573.80	116.12	568.75	.000	LF +OF
573.90	117.78	568.75	.000	LF +OF
574.00	119.30	568.75	.000	LF +OF

S/N:

PondPack Ver:

Compute Time:

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Type... Composite Rating Curve  
Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev.	Q	TW Elev	Error	

asbuilt basin 1 2 and 4.txt

ft	cfs	ft	+/-ft	Contributing Structures
565.00	-56.62	569.00	.000	LF +OF
565.10	-56.62	569.00	.000	LF +OF
565.20	-56.62	569.00	.000	LF +OF
565.25	-56.62	569.00	.000	LF +OF
565.30	-56.62	569.00	.000	LF +OF
565.40	-56.62	569.00	.000	LF +OF
565.50	-56.62	569.00	.000	LF +OF
565.60	-56.62	569.00	.000	LF +OF
565.70	-56.62	569.00	.000	LF +OF
565.75	-56.62	569.00	.000	LF +OF
565.80	-56.62	569.00	.000	LF +OF
565.90	-56.62	569.00	.000	LF +OF
566.00	-56.62	569.00	.000	LF +OF
566.10	-56.62	569.00	.000	LF +OF
566.20	-56.62	569.00	.000	LF +OF
566.25	-56.62	569.00	.000	LF +OF
566.30	-56.62	569.00	.000	LF +OF
566.40	-56.62	569.00	.000	LF +OF
566.50	-56.62	569.00	.000	LF +OF
566.60	-56.62	569.00	.000	LF +OF
566.70	-56.62	569.00	.000	LF +OF
566.75	-56.62	569.00	.000	LF +OF
566.80	-56.62	569.00	.000	LF +OF
566.90	-56.58	569.00	.000	LF +OF
567.00	-56.27	569.00	.000	LF +OF
567.10	-55.60	569.00	.000	LF +OF
567.20	-54.62	569.00	.000	LF +OF
567.25	-54.00	569.00	.000	LF +OF
567.30	-53.22	569.00	.000	LF +OF
567.40	-51.64	569.00	.000	LF +OF
567.50	-49.97	569.00	.000	LF +OF
567.60	-48.30	569.00	.000	LF +OF
567.70	-46.54	569.00	.000	LF +OF
567.75	-45.63	569.00	.000	LF +OF
567.80	-44.73	569.00	.000	LF +OF
567.90	-42.82	569.00	.000	LF +OF

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PondPack Ver:

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Type... Composite Rating Curve

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	-40.82	569.00	.000	LF +OF
568.10	-38.72	569.00	.000	LF +OF
568.20	-36.53	569.00	.000	LF +OF
568.25	-35.33	569.00	.000	LF +OF
568.30	-34.14	569.00	.000	LF +OF

asbuilt basin 1 2 and 4.txt

568.40	-31.61	569.00	.000	LF +OF
568.50	-28.85	569.00	.000	LF +OF
568.60	-25.84	569.00	.000	LF +OF
568.70	-22.36	569.00	.000	LF +OF
568.75	-20.41	569.00	.000	LF +OF
568.80	-18.22	569.00	.000	LF +OF
568.90	-12.97	569.00	.000	LF +OF
569.00	.00	569.00	.000	LF
569.10	12.85	569.00	.000	LF
569.20	18.22	569.00	.000	LF
569.25	20.41	569.00	.000	LF
569.30	22.33	569.00	.000	LF
569.40	25.83	569.00	.000	LF
569.50	28.83	569.00	.000	LF
569.60	31.61	569.00	.000	LF
569.70	34.13	569.00	.000	LF
569.75	35.34	569.00	.000	LF
569.80	36.52	569.00	.000	LF
569.90	38.72	569.00	.000	LF
570.00	40.83	569.00	.000	LF
570.10	42.81	569.00	.000	LF
570.20	44.71	569.00	.000	LF
570.30	46.58	569.00	.000	LF +OF
570.40	48.48	569.00	.000	LF +OF
570.50	50.36	569.00	.000	LF +OF
570.60	52.20	569.00	.000	LF +OF
570.70	54.10	569.00	.000	LF +OF
570.80	55.99	569.00	.000	LF +OF
570.90	57.87	569.00	.000	LF +OF
571.00	59.75	569.00	.000	LF +OF
571.10	61.66	569.00	.000	LF +OF

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve

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Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	63.67	569.00	.000	LF +OF
571.30	65.66	569.00	.000	LF +OF
571.40	67.66	569.00	.000	LF +OF
571.50	69.50	569.00	.000	LF +OF
571.60	71.71	569.00	.000	LF +OF
571.70	73.62	569.00	.000	LF +OF
571.80	75.69	569.00	.000	LF +OF
571.90	77.68	569.00	.000	LF +OF
572.00	79.73	569.00	.000	LF +OF
572.10	81.68	569.00	.000	LF +OF
572.20	83.79	569.00	.000	LF +OF
572.30	85.73	569.00	.000	LF +OF

asbuilt basin 1 2 and 4.txt

572.40	87.69	569.00	.000	LF +OF
572.50	89.77	569.00	.000	LF +OF
572.60	91.71	569.00	.000	LF +OF
572.70	93.67	569.00	.000	LF +OF
572.80	95.67	569.00	.000	LF +OF
572.90	97.66	569.00	.000	LF +OF
573.00	99.40	569.00	.000	LF +OF
573.10	101.35	569.00	.000	LF +OF
573.20	103.25	569.00	.000	LF +OF
573.30	105.04	569.00	.000	LF +OF
573.40	106.86	569.00	.000	LF +OF
573.50	108.65	569.00	.000	LF +OF
573.60	110.37	569.00	.000	LF +OF
573.70	112.10	569.00	.000	LF +OF
573.80	113.83	569.00	.000	LF +OF
573.90	115.50	569.00	.000	LF +OF
574.00	117.05	569.00	.000	LF +OF

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve  
Name... Outlet 3

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File... \\2serverpr\ PondPack\ Elmer-j obs\ Di erberg Tract\ ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	-59.84	569.25	.000	LF +OF
565.10	-59.84	569.25	.000	LF +OF
565.20	-59.84	569.25	.000	LF +OF
565.25	-59.84	569.25	.000	LF +OF
565.30	-59.84	569.25	.000	LF +OF
565.40	-59.84	569.25	.000	LF +OF
565.50	-59.84	569.25	.000	LF +OF
565.60	-59.84	569.25	.000	LF +OF
565.70	-59.84	569.25	.000	LF +OF
565.75	-59.84	569.25	.000	LF +OF
565.80	-59.84	569.25	.000	LF +OF
565.90	-59.84	569.25	.000	LF +OF
566.00	-59.84	569.25	.000	LF +OF
566.10	-59.84	569.25	.000	LF +OF
566.20	-59.84	569.25	.000	LF +OF
566.25	-59.84	569.25	.000	LF +OF
566.30	-59.84	569.25	.000	LF +OF
566.40	-59.84	569.25	.000	LF +OF
566.50	-59.84	569.25	.000	LF +OF
566.60	-59.84	569.25	.000	LF +OF
566.70	-59.84	569.25	.000	LF +OF
566.75	-59.84	569.25	.000	LF +OF
566.80	-59.84	569.25	.000	LF +OF
566.90	-59.84	569.25	.000	LF +OF
567.00	-59.65	569.25	.000	LF +OF
567.10	-59.18	569.25	.000	LF +OF

asbuilt basin 1 2 and 4.txt

567.20	-58.29	569.25	.000	LF +OF
567.25	-57.72	569.25	.000	LF +OF
567.30	-56.98	569.25	.000	LF +OF
567.40	-55.50	569.25	.000	LF +OF
567.50	-54.00	569.25	.000	LF +OF
567.60	-52.43	569.25	.000	LF +OF
567.70	-50.83	569.25	.000	LF +OF
567.75	-49.97	569.25	.000	LF +OF
567.80	-49.16	569.25	.000	LF +OF
567.90	-47.42	569.25	.000	LF +OF

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve  
Name... Outlet 3

Page 15.451

File... \\2serverpr\ PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	-45.63	569.25	.000	LF +OF
568.10	-43.77	569.25	.000	LF +OF
568.20	-41.82	569.25	.000	LF +OF
568.25	-40.82	569.25	.000	LF +OF
568.30	-39.77	569.25	.000	LF +OF
568.40	-37.62	569.25	.000	LF +OF
568.50	-35.33	569.25	.000	LF +OF
568.60	-32.90	569.25	.000	LF +OF
568.70	-30.28	569.25	.000	LF +OF
568.75	-28.85	569.25	.000	LF +OF
568.80	-27.37	569.25	.000	LF +OF
568.90	-24.13	569.25	.000	LF +OF
569.00	-20.41	569.25	.000	LF +OF
569.10	-15.83	569.25	.000	LF +OF
569.20	-9.16	569.25	.000	LF +OF
569.25	.00	569.25	.000	LF
569.30	9.14	569.25	.000	LF
569.40	15.79	569.25	.000	LF
569.50	20.42	569.25	.000	LF
569.60	24.13	569.25	.000	LF
569.70	27.39	569.25	.000	LF
569.75	28.85	569.25	.000	LF
569.80	30.26	569.25	.000	LF
569.90	32.92	569.25	.000	LF
570.00	35.35	569.25	.000	LF
570.10	37.62	569.25	.000	LF
570.20	39.78	569.25	.000	LF
570.30	41.88	569.25	.000	LF +OF
570.40	43.94	569.25	.000	LF +OF
570.50	46.02	569.25	.000	LF +OF
570.60	48.00	569.25	.000	LF +OF
570.70	50.03	569.25	.000	LF +OF
570.80	52.05	569.25	.000	LF +OF



asbuilt basin 1 2 and 4.txt

570.90 54.05 569.25 .000 LF +OF  
 571.00 56.01 569.25 .000 LF +OF  
 571.10 58.03 569.25 .000 LF +OF

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Composite Rating Curve Page 15.452  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	60.11	569.25	.000	LF +OF
571.30	62.19	569.25	.000	LF +OF
571.40	64.27	569.25	.000	LF +OF
571.50	66.20	569.25	.000	LF +OF
571.60	68.47	569.25	.000	LF +OF
571.70	70.42	569.25	.000	LF +OF
571.80	72.57	569.25	.000	LF +OF
571.90	74.63	569.25	.000	LF +OF
572.00	76.71	569.25	.000	LF +OF
572.10	78.72	569.25	.000	LF +OF
572.20	80.89	569.25	.000	LF +OF
572.30	82.85	569.25	.000	LF +OF
572.40	84.88	569.25	.000	LF +OF
572.50	86.99	569.25	.000	LF +OF
572.60	88.97	569.25	.000	LF +OF
572.70	90.96	569.25	.000	LF +OF
572.80	93.01	569.25	.000	LF +OF
572.90	95.05	569.25	.000	LF +OF
573.00	96.81	569.25	.000	LF +OF
573.10	98.80	569.25	.000	LF +OF
573.20	100.73	569.25	.000	LF +OF
573.30	102.55	569.25	.000	LF +OF
573.40	104.39	569.25	.000	LF +OF
573.50	106.20	569.25	.000	LF +OF
573.60	107.95	569.25	.000	LF +OF
573.70	109.70	569.25	.000	LF +OF
573.80	111.46	569.25	.000	LF +OF
573.90	113.16	569.25	.000	LF +OF
574.00	114.74	569.25	.000	LF +OF

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Composite Rating Curve Page 15.453  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

asbuilt basin 1 2 and 4.txt  
 \*\*\*\*\* COMPOSITE OUTFLOW SUMMARY \*\*\*\*\*

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	-62.97	569.50	.000	LF +OF
565.10	-62.97	569.50	.000	LF +OF
565.20	-62.97	569.50	.000	LF +OF
565.25	-62.97	569.50	.000	LF +OF
565.30	-62.97	569.50	.000	LF +OF
565.40	-62.97	569.50	.000	LF +OF
565.50	-62.97	569.50	.000	LF +OF
565.60	-62.97	569.50	.000	LF +OF
565.70	-62.97	569.50	.000	LF +OF
565.75	-62.97	569.50	.000	LF +OF
565.80	-62.97	569.50	.000	LF +OF
565.90	-62.97	569.50	.000	LF +OF
566.00	-62.97	569.50	.000	LF +OF
566.10	-62.97	569.50	.000	LF +OF
566.20	-62.97	569.50	.000	LF +OF
566.25	-62.97	569.50	.000	LF +OF
566.30	-62.97	569.50	.000	LF +OF
566.40	-62.97	569.50	.000	LF +OF
566.50	-62.97	569.50	.000	LF +OF
566.60	-62.97	569.50	.000	LF +OF
566.70	-62.97	569.50	.000	LF +OF
566.75	-62.97	569.50	.000	LF +OF
566.80	-62.97	569.50	.000	LF +OF
566.90	-62.97	569.50	.000	LF +OF
567.00	-62.90	569.50	.000	LF +OF
567.10	-62.47	569.50	.000	LF +OF
567.20	-61.75	569.50	.000	LF +OF
567.25	-61.23	569.50	.000	LF +OF
567.30	-60.53	569.50	.000	LF +OF
567.40	-59.15	569.50	.000	LF +OF
567.50	-57.72	569.50	.000	LF +OF
567.60	-56.27	569.50	.000	LF +OF
567.70	-54.77	569.50	.000	LF +OF
567.75	-54.00	569.50	.000	LF +OF
567.80	-53.22	569.50	.000	LF +OF
567.90	-51.64	569.50	.000	LF +OF

S/N:

PondPack Ver:

Compute Time:

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Type... Composite Rating Curve  
 Name... Outlet 3

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev.	Q	TW Elev	Error	

asbuilt basin 1 2 and 4.txt

ft	cfs	ft	+/-ft	Contributing Structures
568.00	-49.97	569.50	.000	LF +OF
568.10	-48.30	569.50	.000	LF +OF
568.20	-46.54	569.50	.000	LF +OF
568.25	-45.63	569.50	.000	LF +OF
568.30	-44.73	569.50	.000	LF +OF
568.40	-42.82	569.50	.000	LF +OF
568.50	-40.82	569.50	.000	LF +OF
568.60	-38.72	569.50	.000	LF +OF
568.70	-36.53	569.50	.000	LF +OF
568.75	-35.33	569.50	.000	LF +OF
568.80	-34.14	569.50	.000	LF +OF
568.90	-31.61	569.50	.000	LF +OF
569.00	-28.85	569.50	.000	LF +OF
569.10	-25.84	569.50	.000	LF +OF
569.20	-22.36	569.50	.000	LF +OF
569.25	-20.41	569.50	.000	LF +OF
569.30	-18.22	569.50	.000	LF +OF
569.40	-12.97	569.50	.000	LF +OF
569.50	.00	569.50	.000	LF
569.60	12.90	569.50	.000	LF
569.70	18.23	569.50	.000	LF
569.75	20.41	569.50	.000	LF
569.80	22.38	569.50	.000	LF
569.90	25.84	569.50	.000	LF
570.00	28.85	569.50	.000	LF
570.10	31.61	569.50	.000	LF
570.20	34.15	569.50	.000	LF
570.30	36.55	569.50	.000	LF +OF
570.40	38.88	569.50	.000	LF +OF
570.50	41.20	569.50	.000	LF +OF
570.60	43.39	569.50	.000	LF +OF
570.70	45.61	569.50	.000	LF +OF
570.80	47.77	569.50	.000	LF +OF
570.90	49.90	569.50	.000	LF +OF
571.00	52.01	569.50	.000	LF +OF
571.10	54.14	569.50	.000	LF +OF

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PondPack Ver:

Compute Time:

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Type... Composite Rating Curve

Page 15.455

Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	56.35	569.50	.000	LF +OF
571.30	58.52	569.50	.000	LF +OF
571.40	60.68	569.50	.000	LF +OF
571.50	62.70	569.50	.000	LF +OF
571.60	65.03	569.50	.000	LF +OF

asbuilt basin 1 2 and 4.txt

571.70	67.08	569.50	.000	LF +OF
571.80	69.29	569.50	.000	LF +OF
571.90	71.42	569.50	.000	LF +OF
572.00	73.58	569.50	.000	LF +OF
572.10	75.63	569.50	.000	LF +OF
572.20	77.85	569.50	.000	LF +OF
572.30	79.87	569.50	.000	LF +OF
572.40	81.95	569.50	.000	LF +OF
572.50	84.11	569.50	.000	LF +OF
572.60	86.12	569.50	.000	LF +OF
572.70	88.17	569.50	.000	LF +OF
572.80	90.26	569.50	.000	LF +OF
572.90	92.32	569.50	.000	LF +OF
573.00	94.12	569.50	.000	LF +OF
573.10	96.15	569.50	.000	LF +OF
573.20	98.11	569.50	.000	LF +OF
573.30	99.98	569.50	.000	LF +OF
573.40	101.85	569.50	.000	LF +OF
573.50	103.70	569.50	.000	LF +OF
573.60	105.48	569.50	.000	LF +OF
573.70	107.25	569.50	.000	LF +OF
573.80	109.04	569.50	.000	LF +OF
573.90	110.77	569.50	.000	LF +OF
574.00	112.37	569.50	.000	LF +OF

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve  
 Name... Outlet 3

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File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Notes		
Elev. ft	Q cfs	TW Elev ft	Converge Error +/-ft	Contributing Structures
565.00	-65.97	569.75	.000	LF +OF
565.10	-65.97	569.75	.000	LF +OF
565.20	-65.97	569.75	.000	LF +OF
565.25	-65.97	569.75	.000	LF +OF
565.30	-65.97	569.75	.000	LF +OF
565.40	-65.97	569.75	.000	LF +OF
565.50	-65.97	569.75	.000	LF +OF
565.60	-65.97	569.75	.000	LF +OF
565.70	-65.97	569.75	.000	LF +OF
565.75	-65.97	569.75	.000	LF +OF
565.80	-65.97	569.75	.000	LF +OF
565.90	-65.97	569.75	.000	LF +OF
566.00	-65.97	569.75	.000	LF +OF
566.10	-65.97	569.75	.000	LF +OF
566.20	-65.97	569.75	.000	LF +OF
566.25	-65.97	569.75	.000	LF +OF
566.30	-65.97	569.75	.000	LF +OF
566.40	-65.97	569.75	.000	LF +OF
566.50	-65.97	569.75	.000	LF +OF

asbuilt basin 1 2 and 4.txt

566.60	-65.97	569.75	.000	LF +OF
566.70	-65.97	569.75	.000	LF +OF
566.75	-65.97	569.75	.000	LF +OF
566.80	-65.97	569.75	.000	LF +OF
566.90	-65.97	569.75	.000	LF +OF
567.00	-65.95	569.75	.000	LF +OF
567.10	-65.66	569.75	.000	LF +OF
567.20	-65.02	569.75	.000	LF +OF
567.25	-64.54	569.75	.000	LF +OF
567.30	-63.90	569.75	.000	LF +OF
567.40	-62.56	569.75	.000	LF +OF
567.50	-61.23	569.75	.000	LF +OF
567.60	-59.84	569.75	.000	LF +OF
567.70	-58.44	569.75	.000	LF +OF
567.75	-57.72	569.75	.000	LF +OF
567.80	-56.98	569.75	.000	LF +OF
567.90	-55.50	569.75	.000	LF +OF

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve  
Name... Outlet 3

Page 15.457

File... \\2serverpr\ PondPack\ Elmer-j obs\ Di erberg Tract\ ASBUILT BASIN 1 2 AND 4.PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	-54.00	569.75	.000	LF +OF
568.10	-52.43	569.75	.000	LF +OF
568.20	-50.83	569.75	.000	LF +OF
568.25	-49.97	569.75	.000	LF +OF
568.30	-49.16	569.75	.000	LF +OF
568.40	-47.42	569.75	.000	LF +OF
568.50	-45.63	569.75	.000	LF +OF
568.60	-43.77	569.75	.000	LF +OF
568.70	-41.82	569.75	.000	LF +OF
568.75	-40.82	569.75	.000	LF +OF
568.80	-39.77	569.75	.000	LF +OF
568.90	-37.62	569.75	.000	LF +OF
569.00	-35.33	569.75	.000	LF +OF
569.10	-32.90	569.75	.000	LF +OF
569.20	-30.28	569.75	.000	LF +OF
569.25	-28.85	569.75	.000	LF +OF
569.30	-27.37	569.75	.000	LF +OF
569.40	-24.13	569.75	.000	LF +OF
569.50	-20.41	569.75	.000	LF +OF
569.60	-15.83	569.75	.000	LF +OF
569.70	-9.16	569.75	.000	LF +OF
569.75	.00	569.75	.000	LF
569.80	9.14	569.75	.000	LF
569.90	15.84	569.75	.000	LF
570.00	20.37	569.75	.000	LF
570.10	24.12	569.75	.000	LF

asbuilt basin 1 2 and 4.txt

570.20	27.39	569.75	.000	LF
570.30	30.33	569.75	.000	LF +OF
570.40	33.10	569.75	.000	LF +OF
570.50	35.73	569.75	.000	LF +OF
570.60	38.20	569.75	.000	LF +OF
570.70	40.67	569.75	.000	LF +OF
570.80	43.06	569.75	.000	LF +OF
570.90	45.39	569.75	.000	LF +OF
571.00	47.63	569.75	.000	LF +OF
571.10	49.94	569.75	.000	LF +OF

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve  
Name... Outlet 3

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File... \\2serverpr\ PondPack\ Elmer-j obs\ Di erberg Tract\ ASBUILT BASIN 1 2 AND  
4. PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
571.20	52.27	569.75	.000	LF +OF
571.30	54.57	569.75	.000	LF +OF
571.40	56.84	569.75	.000	LF +OF
571.50	58.96	569.75	.000	LF +OF
571.60	61.40	569.75	.000	LF +OF
571.70	63.53	569.75	.000	LF +OF
571.80	65.84	569.75	.000	LF +OF
571.90	68.03	569.75	.000	LF +OF
572.00	70.27	569.75	.000	LF +OF
572.10	72.37	569.75	.000	LF +OF
572.20	74.66	569.75	.000	LF +OF
572.30	76.76	569.75	.000	LF +OF
572.40	78.88	569.75	.000	LF +OF
572.50	81.10	569.75	.000	LF +OF
572.60	83.17	569.75	.000	LF +OF
572.70	85.26	569.75	.000	LF +OF
572.80	87.39	569.75	.000	LF +OF
572.90	89.49	569.75	.000	LF +OF
573.00	91.35	569.75	.000	LF +OF
573.10	93.41	569.75	.000	LF +OF
573.20	95.41	569.75	.000	LF +OF
573.30	97.32	569.75	.000	LF +OF
573.40	99.22	569.75	.000	LF +OF
573.50	101.11	569.75	.000	LF +OF
573.60	102.91	569.75	.000	LF +OF
573.70	104.73	569.75	.000	LF +OF
573.80	106.54	569.75	.000	LF +OF
573.90	108.29	569.75	.000	LF +OF
574.00	109.93	569.75	.000	LF +OF

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Composite Rating Curve  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
565.00	-68.86	570.00	.000	LF +OF
565.10	-68.86	570.00	.000	LF +OF
565.20	-68.86	570.00	.000	LF +OF
565.25	-68.86	570.00	.000	LF +OF
565.30	-68.86	570.00	.000	LF +OF
565.40	-68.86	570.00	.000	LF +OF
565.50	-68.86	570.00	.000	LF +OF
565.60	-68.86	570.00	.000	LF +OF
565.70	-68.86	570.00	.000	LF +OF
565.75	-68.86	570.00	.000	LF +OF
565.80	-68.86	570.00	.000	LF +OF
565.90	-68.86	570.00	.000	LF +OF
566.00	-68.86	570.00	.000	LF +OF
566.10	-68.86	570.00	.000	LF +OF
566.20	-68.86	570.00	.000	LF +OF
566.25	-68.86	570.00	.000	LF +OF
566.30	-68.86	570.00	.000	LF +OF
566.40	-68.86	570.00	.000	LF +OF
566.50	-68.86	570.00	.000	LF +OF
566.60	-68.86	570.00	.000	LF +OF
566.70	-68.86	570.00	.000	LF +OF
566.75	-68.86	570.00	.000	LF +OF
566.80	-68.86	570.00	.000	LF +OF
566.90	-68.86	570.00	.000	LF +OF
567.00	-68.86	570.00	.000	LF +OF
567.10	-68.71	570.00	.000	LF +OF
567.20	-68.12	570.00	.000	LF +OF
567.25	-67.69	570.00	.000	LF +OF
567.30	-67.07	570.00	.000	LF +OF
567.40	-65.80	570.00	.000	LF +OF
567.50	-64.54	570.00	.000	LF +OF
567.60	-63.23	570.00	.000	LF +OF
567.70	-61.89	570.00	.000	LF +OF
567.75	-61.23	570.00	.000	LF +OF
567.80	-60.53	570.00	.000	LF +OF
567.90	-59.15	570.00	.000	LF +OF

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Type... Composite Rating Curve  
 Name... Outlet 3

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

asbuilt basin 1 2 and 4.txt  
 \*\*\*\*\* COMPOSITE OUTFLOW SUMMARY \*\*\*\*\*

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
568.00	-57.72	570.00	.000	LF +OF
568.10	-56.27	570.00	.000	LF +OF
568.20	-54.77	570.00	.000	LF +OF
568.25	-54.00	570.00	.000	LF +OF
568.30	-53.22	570.00	.000	LF +OF
568.40	-51.64	570.00	.000	LF +OF
568.50	-49.97	570.00	.000	LF +OF
568.60	-48.30	570.00	.000	LF +OF
568.70	-46.54	570.00	.000	LF +OF
568.75	-45.63	570.00	.000	LF +OF
568.80	-44.73	570.00	.000	LF +OF
568.90	-42.82	570.00	.000	LF +OF
569.00	-40.82	570.00	.000	LF +OF
569.10	-38.72	570.00	.000	LF +OF
569.20	-36.53	570.00	.000	LF +OF
569.25	-35.33	570.00	.000	LF +OF
569.30	-34.14	570.00	.000	LF +OF
569.40	-31.61	570.00	.000	LF +OF
569.50	-28.85	570.00	.000	LF +OF
569.60	-25.84	570.00	.000	LF +OF
569.70	-22.36	570.00	.000	LF +OF
569.75	-20.41	570.00	.000	LF +OF
569.80	-18.22	570.00	.000	LF +OF
569.90	-12.97	570.00	.000	LF +OF
570.00	.00	570.00	.000	LF
570.10	12.84	570.00	.000	LF
570.20	18.28	570.00	.000	LF
570.30	22.38	570.00	.000	LF +OF
570.40	25.98	570.00	.000	LF +OF
570.50	29.22	570.00	.000	LF +OF
570.60	32.18	570.00	.000	LF +OF
570.70	35.01	570.00	.000	LF +OF
570.80	37.75	570.00	.000	LF +OF
570.90	40.34	570.00	.000	LF +OF
571.00	42.84	570.00	.000	LF +OF
571.10	45.33	570.00	.000	LF +OF

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Type... Composite Rating Curve  
 Name... Outlet 3

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Converge		Notes
Elev.	Q	TW Elev	Error	



asbuilt basin 1 2 and 4.txt

ft	cfs	ft	+/-ft	Contributing Structures
571.20	47.82	570.00	.000	LF +OF
571.30	50.29	570.00	.000	LF +OF
571.40	52.70	570.00	.000	LF +OF
571.50	54.97	570.00	.000	LF +OF
571.60	57.52	570.00	.000	LF +OF
571.70	59.77	570.00	.000	LF +OF
571.80	62.16	570.00	.000	LF +OF
571.90	64.45	570.00	.000	LF +OF
572.00	66.77	570.00	.000	LF +OF
572.10	68.97	570.00	.000	LF +OF
572.20	71.31	570.00	.000	LF +OF
572.30	73.48	570.00	.000	LF +OF
572.40	75.67	570.00	.000	LF +OF
572.50	77.93	570.00	.000	LF +OF
572.60	80.08	570.00	.000	LF +OF
572.70	82.22	570.00	.000	LF +OF
572.80	84.42	570.00	.000	LF +OF
572.90	86.58	570.00	.000	LF +OF
573.00	88.46	570.00	.000	LF +OF
573.10	90.56	570.00	.000	LF +OF
573.20	92.62	570.00	.000	LF +OF
573.30	94.55	570.00	.000	LF +OF
573.40	96.51	570.00	.000	LF +OF
573.50	98.43	570.00	.000	LF +OF
573.60	100.27	570.00	.000	LF +OF
573.70	102.11	570.00	.000	LF +OF
573.80	103.95	570.00	.000	LF +OF
573.90	105.75	570.00	.000	LF +OF
574.00	107.41	570.00	.000	LF +OF

S/N:

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♀

Type... Outlet Input Data  
Name... Outlet 4

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File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

REQUESTED POND WS ELEVATIONS:

Min. Elev. = 563.50 ft  
Increment = .10 ft  
Max. Elev. = 570.00 ft

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

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

Structure	No.		Outfall	E1, ft	E2, ft
Inlet Box	OF	---->	TW	569.000	570.000
Culvert-Circular	LF	---->	TW	563.500	570.000
TW SETUP, DS Channel					

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Type... Outlet Input Data  
Name... Outlet 4

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OUTLET STRUCTURE INPUT DATA

```

Structure ID      = OF
Structure Type    = Inlet Box
-----
# of Openings    = 1
Invert Elev.     = 569.00 ft
Orifice Area     = 36.0000 sq. ft
Orifice Coeff.   = .600
Weir Length      = 24.00 ft
Weir Coeff.      = 3.000
K, Reverse       = 1.000
Mannings n      = .0000
Kev, Charged Ri ser = .000
Weir Submergence = No
Orifice H to crest= Yes
    
```

S/N:

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♀

Type... Outlet Input Data  
Name... Outlet 4

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OUTLET STRUCTURE INPUT DATA

```

Structure ID      = LF
Structure Type    = Culvert-Circular
-----
No. Barrels      = 1
Barrel Diameter  = 48.00 in
Upstream Invert  = 563.50 ft
Dnstream Invert  = 563.40 ft
Horiz. Length    = 10.00 ft
Barrel Length    = 10.00 ft
Barrel Slope     = .01000 ft/ft
    
```

OUTLET CONTROL DATA...

```

Mannings n      = .0130
Ke              = .7000 (forward entrance loss)
Kb              = .004925 (per ft of full flow)
Kr              = .7000 (reverse entrance loss)
HW Convergence  = .001 +/- ft
    
```

INLET CONTROL DATA...

```

Equation form   = 1
Inlet Control K = .0045
    
```

```

asbuilt basin 1 2 and 4.txt
Inlet Control M = 2.0000
Inlet Control c = .03170
Inlet Control Y = .6900
T1 ratio (HW/D) = 1.090
T2 ratio (HW/D) = 1.192
Slope Factor = -.500

```

Use unsubmerged inlet control Form 1 equ. below T1 elev.  
 Use submerged inlet control Form 1 equ. above T2 elev.

In transition zone between unsubmerged and submerged inlet control,  
 interpolate between flows at T1 & T2...

```

At T1 Elev = 567.86 ft ---> Flow = 87.96 cfs
At T2 Elev = 568.27 ft ---> Flow = 100.53 cfs

```

```

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

```

FREE OUTFALL CONDITIONS SPECIFIED

```

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

```

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Type... Individual Outlet Curves Page 15.465  
 Name... Outlet 4

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

```

Structure ID = OF (Inlet Box)
-----
Upstream ID = (Pond Water Surface)
DNstream ID = TW (Pond Outfall)

```

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft Computation Messages
563.50	.00	Free Outfall	
563.60	.00	Free Outfall	HW & TW < Inv. El. =569.000
563.70	.00	Free Outfall	HW & TW < Inv. El. =569.000
563.80	.00	Free Outfall	HW & TW < Inv. El. =569.000
563.90	.00	Free Outfall	HW & TW < Inv. El. =569.000

asbuilt basin 1 2 and 4.txt

564.00 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 564.10 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 564.20 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 564.30 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 564.40 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 564.50 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 564.60 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 564.70 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 564.80 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 564.90 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 565.00 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 565.10 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 HW & TW < Inv. El. =569.000

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Type... Individual Outlet Curves

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Name... Outlet 4

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Inlet Box)

Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft	Computati on Messages
565.20	.00	Free Outfall	
		HW & TW < Inv. El. =569.000	
565.30	.00	Free Outfall	
		HW & TW < Inv. El. =569.000	
565.40	.00	Free Outfall	
		HW & TW < Inv. El. =569.000	
565.50	.00	Free Outfall	
		HW & TW < Inv. El. =569.000	
565.60	.00	Free Outfall	
		HW & TW < Inv. El. =569.000	
565.70	.00	Free Outfall	
		HW & TW < Inv. El. =569.000	
565.80	.00	Free Outfall	
		HW & TW < Inv. El. =569.000	

asbuilt basin 1 2 and 4.txt

565. 90 .00 Free Outfall  
 HW & TW < Inv. El. =569.000  
 566. 00 .00 Free Outfall  
 HW & TW < Inv. El. =569.000  
 566. 10 .00 Free Outfall  
 HW & TW < Inv. El. =569.000  
 566. 20 .00 Free Outfall  
 HW & TW < Inv. El. =569.000  
 566. 30 .00 Free Outfall  
 HW & TW < Inv. El. =569.000  
 566. 40 .00 Free Outfall  
 HW & TW < Inv. El. =569.000  
 566. 50 .00 Free Outfall  
 HW & TW < Inv. El. =569.000  
 566. 60 .00 Free Outfall  
 HW & TW < Inv. El. =569.000  
 566. 70 .00 Free Outfall  
 HW & TW < Inv. El. =569.000  
 566. 80 .00 Free Outfall  
 HW & TW < Inv. El. =569.000

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Type... Individual Outlet Curves

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Name... Outlet 4

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Inlet Box)

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Convergence ft +/-ft	Computati on Messages
566. 90	.00	Free Outfall	
		HW & TW < Inv. El. =569.000	
567. 00	.00	Free Outfall	
		HW & TW < Inv. El. =569.000	
567. 10	.00	Free Outfall	
		HW & TW < Inv. El. =569.000	
567. 20	.00	Free Outfall	
		HW & TW < Inv. El. =569.000	
567. 30	.00	Free Outfall	
		HW & TW < Inv. El. =569.000	
567. 40	.00	Free Outfall	
		HW & TW < Inv. El. =569.000	
567. 50	.00	Free Outfall	
		HW & TW < Inv. El. =569.000	
567. 60	.00	Free Outfall	
		HW & TW < Inv. El. =569.000	
567. 70	.00	Free Outfall	
		HW & TW < Inv. El. =569.000	
567. 80	.00	Free Outfall	

asbuilt basin 1 2 and 4.txt

567.90 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 568.00 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 568.10 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 568.20 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 568.30 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 568.40 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 568.50 .00 HW & TW < Inv. El. =569.000  
 Free Outfall  
 HW & TW < Inv. El. =569.000

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Type... Individual Outlet Curves  
 Name... Outlet 4

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Inlet Box)

Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
568.60	.00	Free Outfall		
		HW & TW < Inv. El. =569.000		
568.70	.00	Free Outfall		
		HW & TW < Inv. El. =569.000		
568.80	.00	Free Outfall		
		HW & TW < Inv. El. =569.000		
568.90	.00	Free Outfall		
		HW & TW < Inv. El. =569.000		
569.00	.00	Free Outfall		
		Wei r: H =.00ft		
569.10	2.28	Free Outfall		
		Wei r: H =.10ft		
569.20	6.44	Free Outfall		
		Wei r: H =.20ft		
569.30	11.83	Free Outfall		
		Wei r: H =.30ft		
569.40	18.22	Free Outfall		
		Wei r: H =.40ft		
569.50	25.46	Free Outfall		
		Wei r: H =.50ft		
569.60	33.46	Free Outfall		
		Wei r: H =.60ft		
569.70	42.17	Free Outfall		
		Wei r: H =.70ft		

asbuilt basin 1 2 and 4.txt

569.80 51.52 Free Outfall  
 Weir: H =.80ft  
 569.90 61.48 Free Outfall  
 Weir: H =.90ft  
 570.00 72.00 Free Outfall  
 Weir: H =1.00ft

S/N:  
 PondPack Ver: Compute Time: Date:

♀ Type... Individual Outlet Curves Page 15.469  
 Name... Outlet 4

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 154.49 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
563.50	.00	Free Outfall			
		Upstream HW & DNstream TW < Inv. EI			
563.60	.08	Free Outfall			
.00ft		CRI T. DEPTH CONTROL	Vh= .021ft	Dcr= .062ft	H. JUMP IN PIPE Hev=
563.70	.24	Free Outfall			
.00ft		CRI T. DEPTH CONTROL	Vh= .042ft	Dcr= .125ft	H. JUMP IN PIPE Hev=
563.80	.46	Free Outfall			
.00ft		CRI T. DEPTH CONTROL	Vh= .074ft	Dcr= .219ft	CRI T. DEPTH Hev=
563.90	.81	Free Outfall			
.00ft		CRI T. DEPTH CONTROL	Vh= .090ft	Dcr= .266ft	CRI T. DEPTH Hev=
564.00	1.21	Free Outfall			
.00ft		CRI T. DEPTH CONTROL	Vh= .111ft	Dcr= .328ft	CRI T. DEPTH Hev=
564.10	1.73	Free Outfall			
.00ft		CRI T. DEPTH CONTROL	Vh= .133ft	Dcr= .390ft	CRI T. DEPTH Hev=
564.20	2.46	Free Outfall			
.00ft		CRI T. DEPTH CONTROL	Vh= .149ft	Dcr= .437ft	CRI T. DEPTH Hev=
564.30	3.08	Free Outfall			
.00ft		CRI T. DEPTH CONTROL	Vh= .177ft	Dcr= .515ft	CRI T. DEPTH Hev=
564.40	3.86	Free Outfall			
.00ft		CRI T. DEPTH CONTROL	Vh= .196ft	Dcr= .570ft	CRI T. DEPTH Hev=
564.50	4.72	Free Outfall			
		CRI T. DEPTH CONTROL	Vh= .219ft	Dcr= .633ft	CRI T. DEPTH Hev=

asbuilt basin 1 2 and 4.txt

.00ft	564.60	5.70	Free Outfall CRIT. DEPTH CONTROL	Vh= .241ft	Dcr= .695ft	CRIT. DEPTH Hev=
.00ft	564.70	6.76	Free Outfall CRIT. DEPTH CONTROL	Vh= .261ft	Dcr= .750ft	CRIT. DEPTH Hev=
.00ft	564.80	7.92	Free Outfall CRIT. DEPTH CONTROL	Vh= .284ft	Dcr= .812ft	CRIT. DEPTH Hev=
.00ft	564.90	9.18	Free Outfall CRIT. DEPTH CONTROL	Vh= .307ft	Dcr= .875ft	CRIT. DEPTH Hev=
.00ft	565.00	10.37	Free Outfall CRIT. DEPTH CONTROL	Vh= .331ft	Dcr= .937ft	CRIT. DEPTH Hev=
.00ft	565.10	11.64	Free Outfall CRIT. DEPTH CONTROL	Vh= .351ft	Dcr= .992ft	CRIT. DEPTH Hev=

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Individual Outlet Curves

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Name... Outlet 4

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 154.49 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft	Computati on Messages
565.20	13.15	Free Outfall CRIT. DEPTH CONTROL	Vh= .378ft Dcr= 1.062ft CRIT. DEPTH Hev=
.00ft 565.30	14.62	Free Outfall CRIT. DEPTH CONTROL	Vh= .403ft Dcr= 1.124ft CRIT. DEPTH Hev=
.00ft 565.40	16.07	Free Outfall CRIT. DEPTH CONTROL	Vh= .424ft Dcr= 1.179ft CRIT. DEPTH Hev=
.00ft 565.50	17.79	Free Outfall CRIT. DEPTH CONTROL	Vh= .447ft Dcr= 1.238ft CRIT. DEPTH Hev=
.00ft 565.60	19.47	Free Outfall CRIT. DEPTH CONTROL	Vh= .471ft Dcr= 1.296ft CRIT. DEPTH Hev=
.00ft 565.70	21.25	Free Outfall CRIT. DEPTH CONTROL	Vh= .495ft Dcr= 1.355ft CRIT. DEPTH Hev=
.00ft 565.80	22.97	Free Outfall	



.00ft			CRI T. DEPTH CONTROL	Vh= .519ft	Dcr= 1.413ft	CRI T. DEPTH Hev=
565.90	24.86	Free Outfall				
.00ft			CRI T. DEPTH CONTROL	Vh= .545ft	Dcr= 1.476ft	CRI T. DEPTH Hev=
566.00	26.82	Free Outfall				
.00ft			CRI T. DEPTH CONTROL	Vh= .569ft	Dcr= 1.530ft	CRI T. DEPTH Hev=
566.10	28.81	Free Outfall				
.00ft			CRI T. DEPTH CONTROL	Vh= .596ft	Dcr= 1.593ft	CRI T. DEPTH Hev=
566.20	30.73	Free Outfall				
.00ft			CRI T. DEPTH CONTROL	Vh= .618ft	Dcr= 1.644ft	CRI T. DEPTH Hev=
566.30	32.92	Free Outfall				
.00ft			CRI T. DEPTH CONTROL	Vh= .644ft	Dcr= 1.702ft	CRI T. DEPTH Hev=
566.40	34.97	Free Outfall				
.00ft			CRI T. DEPTH CONTROL	Vh= .669ft	Dcr= 1.757ft	CRI T. DEPTH Hev=
566.50	37.13	Free Outfall				
.00ft			CRI T. DEPTH CONTROL	Vh= .696ft	Dcr= 1.815ft	CRI T. DEPTH Hev=
566.60	39.41	Free Outfall				
.00ft			CRI T. DEPTH CONTROL	Vh= .722ft	Dcr= 1.870ft	CRI T. DEPTH Hev=
566.70	41.54	Free Outfall				
.00ft			CRI T. DEPTH CONTROL	Vh= .750ft	Dcr= 1.929ft	CRI T. DEPTH Hev=
566.80	43.86	Free Outfall				
.00ft			CRI T. DEPTH CONTROL	Vh= .775ft	Dcr= 1.979ft	CRI T. DEPTH Hev=

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Individual Outlet Curves

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Name... Outlet 4

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 154.49 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes	
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
566.90	46.22	Free Outfall			
.00ft		CRI T. DEPTH CONTROL	Vh= .803ft	Dcr= 2.034ft	CRI T. DEPTH Hev=
567.00	48.48	Free Outfall			
.00ft		CRI T. DEPTH CONTROL	Vh= .831ft	Dcr= 2.089ft	CRI T. DEPTH Hev=

asbuilt basin 1 2 and 4.txt

567.10	50.87	Free Outfall				
.00ft		CRIT. DEPTH CONTROL	Vh= .859ft	Dcr= 2.143ft	CRIT. DEPTH	Hev=
567.20	53.27	Free Outfall				
.00ft		CRIT. DEPTH CONTROL	Vh= .884ft	Dcr= 2.190ft	CRIT. DEPTH	Hev=
567.30	55.70	Free Outfall				
.00ft		CRIT. DEPTH CONTROL	Vh= .914ft	Dcr= 2.245ft	CRIT. DEPTH	Hev=
567.40	58.19	Free Outfall				
.00ft		CRIT. DEPTH CONTROL	Vh= .945ft	Dcr= 2.300ft	CRIT. DEPTH	Hev=
567.50	60.66	Free Outfall				
.00ft		CRIT. DEPTH CONTROL	Vh= .972ft	Dcr= 2.346ft	CRIT. DEPTH	Hev=
567.60	63.04	Free Outfall				
.00ft		CRIT. DEPTH CONTROL	Vh= 1.003ft	Dcr= 2.397ft	CRIT. DEPTH	Hev=
567.70	65.61	Free Outfall				
.00ft		CRIT. DEPTH CONTROL	Vh= 1.031ft	Dcr= 2.444ft	CRIT. DEPTH	Hev=
567.80	68.13	Free Outfall				
.00ft		CRIT. DEPTH CONTROL	Vh= 1.063ft	Dcr= 2.495ft	CRIT. DEPTH	Hev=
567.90	70.66	Free Outfall				
.00ft		CRIT. DEPTH CONTROL	Vh= 1.094ft	Dcr= 2.542ft	CRIT. DEPTH	Hev=
568.00	73.14	Free Outfall				
.00ft		CRIT. DEPTH CONTROL	Vh= 1.125ft	Dcr= 2.589ft	CRIT. DEPTH	Hev=
568.10	75.68	Free Outfall				
.00ft		CRIT. DEPTH CONTROL	Vh= 1.156ft	Dcr= 2.633ft	CRIT. DEPTH	Hev=
568.20	78.28	Free Outfall				
.00ft		CRIT. DEPTH CONTROL	Vh= 1.188ft	Dcr= 2.678ft	CRIT. DEPTH	Hev=
568.30	80.78	Free Outfall				
.00ft		CRIT. DEPTH CONTROL	Vh= 1.222ft	Dcr= 2.723ft	CRIT. DEPTH	Hev=
568.40	83.30	Free Outfall				
.00ft		CRIT. DEPTH CONTROL	Vh= 1.255ft	Dcr= 2.766ft	CRIT. DEPTH	Hev=
568.50	85.87	Free Outfall				
.00ft		CRIT. DEPTH CONTROL	Vh= 1.289ft	Dcr= 2.809ft	CRIT. DEPTH	Hev=

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PondPack Ver:

Compute Time:

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♀

Type... Individual Outlet Curves

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Name... Outlet 4

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 154.49 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

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asbuilt basin 1 2 and 4.txt

WS Elev, Device Q		Tail Water		Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages		
568.60	88.39	Free Outfall		Vh= 1.324ft	Dcr= 2.852ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.70	90.93	Free Outfall		Vh= 1.358ft	Dcr= 2.891ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.80	93.45	Free Outfall		Vh= 1.393ft	Dcr= 2.930ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
568.90	95.94	Free Outfall		Vh= 1.429ft	Dcr= 2.969ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.00	98.50	Free Outfall		Vh= 1.465ft	Dcr= 3.006ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.10	100.91	Free Outfall		Vh= 1.503ft	Dcr= 3.043ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.20	103.36	Free Outfall		Vh= 1.543ft	Dcr= 3.081ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.30	105.82	Free Outfall		Vh= 1.579ft	Dcr= 3.114ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.40	108.33	Free Outfall		Vh= 1.620ft	Dcr= 3.149ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.50	110.63	Free Outfall		Vh= 1.659ft	Dcr= 3.180ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.60	113.13	Free Outfall		Vh= 1.699ft	Dcr= 3.211ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.70	115.44	Free Outfall		Vh= 1.738ft	Dcr= 3.241ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.80	117.77	Free Outfall		Vh= 1.779ft	Dcr= 3.270ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
569.90	120.14	Free Outfall		Vh= 1.826ft	Dcr= 3.301ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				
570.00	122.49	Free Outfall		Vh= 1.865ft	Dcr= 3.326ft	CRI T. DEPTH Hev=
.00ft		CRI T. DEPTH CONTROL				

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Type... Composite Rating Curve

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Name... Outlet 4

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

asbuilt basin 1 2 and 4.txt

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

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
563.50	.00	Free	Outfall	None contributing
563.60	.08	Free	Outfall	LF
563.70	.24	Free	Outfall	LF
563.80	.46	Free	Outfall	LF
563.90	.81	Free	Outfall	LF
564.00	1.21	Free	Outfall	LF
564.10	1.73	Free	Outfall	LF
564.20	2.46	Free	Outfall	LF
564.30	3.08	Free	Outfall	LF
564.40	3.86	Free	Outfall	LF
564.50	4.72	Free	Outfall	LF
564.60	5.70	Free	Outfall	LF
564.70	6.76	Free	Outfall	LF
564.80	7.92	Free	Outfall	LF
564.90	9.18	Free	Outfall	LF
565.00	10.37	Free	Outfall	LF
565.10	11.64	Free	Outfall	LF
565.20	13.15	Free	Outfall	LF
565.30	14.62	Free	Outfall	LF
565.40	16.07	Free	Outfall	LF
565.50	17.79	Free	Outfall	LF
565.60	19.47	Free	Outfall	LF
565.70	21.25	Free	Outfall	LF
565.80	22.97	Free	Outfall	LF
565.90	24.86	Free	Outfall	LF
566.00	26.82	Free	Outfall	LF
566.10	28.81	Free	Outfall	LF
566.20	30.73	Free	Outfall	LF
566.30	32.92	Free	Outfall	LF
566.40	34.97	Free	Outfall	LF
566.50	37.13	Free	Outfall	LF
566.60	39.41	Free	Outfall	LF
566.70	41.54	Free	Outfall	LF
566.80	43.86	Free	Outfall	LF
566.90	46.22	Free	Outfall	LF
567.00	48.48	Free	Outfall	LF
567.10	50.87	Free	Outfall	LF
567.20	53.27	Free	Outfall	LF

S/N:

PondPack Ver:

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Date:

♀

Type... Composite Rating Curve

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Name... Outlet 4

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures

asbuil t basin 1 2 and 4.txt

567.30	55.70	Free Outfall	LF
567.40	58.19	Free Outfall	LF
567.50	60.66	Free Outfall	LF
567.60	63.04	Free Outfall	LF
567.70	65.61	Free Outfall	LF
567.80	68.13	Free Outfall	LF
567.90	70.66	Free Outfall	LF
568.00	73.14	Free Outfall	LF
568.10	75.68	Free Outfall	LF
568.20	78.28	Free Outfall	LF
568.30	80.78	Free Outfall	LF
568.40	83.30	Free Outfall	LF
568.50	85.87	Free Outfall	LF
568.60	88.39	Free Outfall	LF
568.70	90.93	Free Outfall	LF
568.80	93.45	Free Outfall	LF
568.90	95.94	Free Outfall	LF
569.00	98.50	Free Outfall	OF +LF
569.10	103.18	Free Outfall	OF +LF
569.20	109.80	Free Outfall	OF +LF
569.30	117.65	Free Outfall	OF +LF
569.40	126.55	Free Outfall	OF +LF
569.50	136.09	Free Outfall	OF +LF
569.60	146.59	Free Outfall	OF +LF
569.70	157.61	Free Outfall	OF +LF
569.80	169.29	Free Outfall	OF +LF
569.90	181.62	Free Outfall	OF +LF
570.00	194.49	Free Outfall	OF +LF

S/N:

PondPack Ver:

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Date:

♀

Type... Outlet Input Data  
Name... Outlet 5

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File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

REQUESTED POND WS ELEVATIONS:

Min. Elev. = 578.50 ft  
Increment = .10 ft  
Max. Elev. = 588.00 ft

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

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

Structure	No.		Outfall	E1, ft	E2, ft
Stand Pipe	OF	---->	TW	585.500	588.000
Culvert-Circular	LF	---->	TW	578.500	588.000
TW SETUP, DS Channel					

S/N:

PondPack Ver:

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Date:

♀

Type... Outlet Input Data  
Name... Outlet 5

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

OUTLET STRUCTURE INPUT DATA

```

Structure ID      = OF
Structure Type    = Stand Pipe
-----
# of Openings    =      1
Invert Elev.     =   585.50 ft
Diameter         =    4.00 in
Orifice Area     =    .0873 sq. ft
Orifice Coeff.   =    .600
Weir Length      =    1.05 ft
Weir Coeff.      =    3.000
K, Reverse       =    1.000
Mannings n       =    .0000
Kev, Charged Ri ser =    .000
Weir Submergence = No
Orifice H to crest = Yes
    
```

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Outlet Input Data  
Name... Outlet 5

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

OUTLET STRUCTURE INPUT DATA

```

Structure ID      = LF
Structure Type    = Culvert-Circular
-----
No. Barrels      =      1
Barrel Diameter  =   12.00 in
Upstream Invert  =   578.50 ft
Dnstream Invert  =   578.40 ft
Horiz. Length    =   10.00 ft
Barrel Length    =   10.00 ft
Barrel Slope     =    .01000 ft/ft
    
```

OUTLET CONTROL DATA...

```

Mannings n       =    .0130
Ke               =    .7000 (forward entrance loss)
Kb               =    .031274 (per ft of full flow)
Kr               =    .7000 (reverse entrance loss)
HW Convergence   =    .001 +/- ft
    
```

INLET CONTROL DATA...

```

Equation form    =      1
Inlet Control K  =    .0045
Inlet Control M  =    2.0000
    
```

```

asbuilt basin 1 2 and 4.txt
Inlet Control c = .03170
Inlet Control Y = .6900
T1 ratio (HW/D) = 1.104
T2 ratio (HW/D) = 1.192
Slope Factor = -.500

```

Use unsubmerged inlet control Form 1 equ. below T1 elev.  
 Use submerged inlet control Form 1 equ. above T2 elev.

In transition zone between unsubmerged and submerged inlet control,  
 interpolate between flows at T1 & T2...

```

At T1 Elev = 579.60 ft ---> Flow = 2.75 cfs
At T2 Elev = 579.69 ft ---> Flow = 3.14 cfs

```

```

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

```

-----  
 FREE OUTFALL CONDITIONS SPECIFIED

```

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

```

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Individual Outlet Curves  
 Name... Outlet 5

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File... \\2serverprns\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

```

Structure ID = OF (Stand Pipe)
-----
Upstream ID = (Pond Water Surface)
DNstream ID = TW (Pond Outfall)

```

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft Computati on Messages
578.50	.00	Free Outfall	
		HW & TW < Inv. El. =585.500	
578.60	.00	Free Outfall	
		HW & TW < Inv. El. =585.500	
578.70	.00	Free Outfall	
		HW & TW < Inv. El. =585.500	
578.80	.00	Free Outfall	
		HW & TW < Inv. El. =585.500	
578.90	.00	Free Outfall	
		HW & TW < Inv. El. =585.500	

asbuilt basin 1 2 and 4.txt

```

579.00 .00 Free Outfall
        HW & TW < Inv. El. =585.500
579.10 .00 Free Outfall
        HW & TW < Inv. El. =585.500
579.20 .00 Free Outfall
        HW & TW < Inv. El. =585.500
579.30 .00 Free Outfall
        HW & TW < Inv. El. =585.500
579.40 .00 Free Outfall
        HW & TW < Inv. El. =585.500
579.50 .00 Free Outfall
        HW & TW < Inv. El. =585.500
579.60 .00 Free Outfall
        HW & TW < Inv. El. =585.500
579.70 .00 Free Outfall
        HW & TW < Inv. El. =585.500
579.80 .00 Free Outfall
        HW & TW < Inv. El. =585.500
579.90 .00 Free Outfall
        HW & TW < Inv. El. =585.500
580.00 .00 Free Outfall
        HW & TW < Inv. El. =585.500
580.10 .00 Free Outfall
        HW & TW < Inv. El. =585.500
    
```

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Individual Outlet Curves  
 Name... Outlet 5

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Stand Pipe)

Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft	Computati on Messages
580.20	.00	Free Outfall	
		HW & TW < Inv. El. =585.500	
580.30	.00	Free Outfall	
		HW & TW < Inv. El. =585.500	
580.40	.00	Free Outfall	
		HW & TW < Inv. El. =585.500	
580.50	.00	Free Outfall	
		HW & TW < Inv. El. =585.500	
580.60	.00	Free Outfall	
		HW & TW < Inv. El. =585.500	
580.70	.00	Free Outfall	
		HW & TW < Inv. El. =585.500	
580.80	.00	Free Outfall	
		HW & TW < Inv. El. =585.500	
580.90	.00	Free Outfall	



asbuilt basin 1 2 and 4.txt

581.00 .00 HW & TW < Inv. El. =585.500  
 Free Outfall  
 581.10 .00 HW & TW < Inv. El. =585.500  
 Free Outfall  
 581.20 .00 HW & TW < Inv. El. =585.500  
 Free Outfall  
 581.30 .00 HW & TW < Inv. El. =585.500  
 Free Outfall  
 581.40 .00 HW & TW < Inv. El. =585.500  
 Free Outfall  
 581.50 .00 HW & TW < Inv. El. =585.500  
 Free Outfall  
 581.60 .00 HW & TW < Inv. El. =585.500  
 Free Outfall  
 581.70 .00 HW & TW < Inv. El. =585.500  
 Free Outfall  
 581.80 .00 HW & TW < Inv. El. =585.500  
 Free Outfall  
 HW & TW < Inv. El. =585.500

S/N:  
 PondPack Ver: Compute Time: Date:

♀ Type... Individual Outlet Curves Page 15.480  
 Name... Outlet 5

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Stand Pipe)

Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft Computati on Messages
581.90	.00	Free Outfall
		HW & TW < Inv. El. =585.500
582.00	.00	Free Outfall
		HW & TW < Inv. El. =585.500
582.10	.00	Free Outfall
		HW & TW < Inv. El. =585.500
582.20	.00	Free Outfall
		HW & TW < Inv. El. =585.500
582.30	.00	Free Outfall
		HW & TW < Inv. El. =585.500
582.40	.00	Free Outfall
		HW & TW < Inv. El. =585.500
582.50	.00	Free Outfall
		HW & TW < Inv. El. =585.500
582.60	.00	Free Outfall
		HW & TW < Inv. El. =585.500
582.70	.00	Free Outfall
		HW & TW < Inv. El. =585.500
582.80	.00	Free Outfall
		HW & TW < Inv. El. =585.500

asbuilt basin 1 2 and 4.txt

582.90 .00 Free Outfall  
 HW & TW < Inv. El. =585.500  
 583.00 .00 Free Outfall  
 HW & TW < Inv. El. =585.500  
 583.10 .00 Free Outfall  
 HW & TW < Inv. El. =585.500  
 583.20 .00 Free Outfall  
 HW & TW < Inv. El. =585.500  
 583.30 .00 Free Outfall  
 HW & TW < Inv. El. =585.500  
 583.40 .00 Free Outfall  
 HW & TW < Inv. El. =585.500  
 583.50 .00 Free Outfall  
 HW & TW < Inv. El. =585.500

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 PondPack Ver: Compute Time: Date:

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Type... Individual Outlet Curves Page 15.481  
 Name... Outlet 5

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Stand Pipe)  
 -----  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev. ft Converge +/-ft
Computati on Messages		
583.60	.00	Free Outfall
		HW & TW < Inv. El. =585.500
583.70	.00	Free Outfall
		HW & TW < Inv. El. =585.500
583.80	.00	Free Outfall
		HW & TW < Inv. El. =585.500
583.90	.00	Free Outfall
		HW & TW < Inv. El. =585.500
584.00	.00	Free Outfall
		HW & TW < Inv. El. =585.500
584.10	.00	Free Outfall
		HW & TW < Inv. El. =585.500
584.20	.00	Free Outfall
		HW & TW < Inv. El. =585.500
584.30	.00	Free Outfall
		HW & TW < Inv. El. =585.500
584.40	.00	Free Outfall
		HW & TW < Inv. El. =585.500
584.50	.00	Free Outfall
		HW & TW < Inv. El. =585.500
584.60	.00	Free Outfall
		HW & TW < Inv. El. =585.500
584.70	.00	Free Outfall
		HW & TW < Inv. El. =585.500
584.80	.00	Free Outfall

asbuilt basin 1 2 and 4.txt

584.90 .00 HW & TW < Inv. El. =585.500  
 Free Outfall  
 585.00 .00 HW & TW < Inv. El. =585.500  
 Free Outfall  
 585.10 .00 HW & TW < Inv. El. =585.500  
 Free Outfall  
 585.20 .00 HW & TW < Inv. El. =585.500  
 Free Outfall  
 HW & TW < Inv. El. =585.500

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Type... Individual Outlet Curves  
 Name... Outlet 5

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Stand Pipe)

Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft Computati on Messages
585.30	.00	Free Outfall
		HW & TW < Inv. El. =585.500
585.40	.00	Free Outfall
		HW & TW < Inv. El. =585.500
585.50	.00	Free Outfall
		Weir: H =.00ft
585.60	.10	Free Outfall
		Weir: H =.10ft
585.70	.19	Free Outfall
		Orifice: H =.20; Riser orifice equation controlling.
585.80	.23	Free Outfall
		Orifice: H =.30; Riser orifice equation controlling.
585.90	.27	Free Outfall
		Orifice: H =.40; Riser orifice equation controlling.
586.00	.30	Free Outfall
		Orifice: H =.50; Riser orifice equation controlling.
586.10	.33	Free Outfall
		Orifice: H =.60; Riser orifice equation controlling.
586.20	.35	Free Outfall
		Orifice: H =.70; Riser orifice equation controlling.
586.30	.38	Free Outfall
		Orifice: H =.80; Riser orifice equation controlling.
586.40	.40	Free Outfall
		Orifice: H =.90; Riser orifice equation controlling.
586.50	.42	Free Outfall
		Orifice: H =1.00; Riser orifice equation controlling.
586.60	.44	Free Outfall
		Orifice: H =1.10; Riser orifice equation controlling.
586.70	.46	Free Outfall
		Orifice: H =1.20; Riser orifice equation controlling.

asbuilt basin 1 2 and 4.txt

586. 80 . 48 Free Outfall  
 Ori fi ce: H =1. 30; Ri ser ori fi ce equati on controll ing.  
 586. 90 . 50 Free Outfall  
 Ori fi ce: H =1. 40; Ri ser ori fi ce equati on controll ing.

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♀ Type. . . . Indi vi dual Outl et Curves Page 15. 483  
 Name. . . . Outl et 5

4. PPW Fi le. . . . \\2serverprs\PondPack\El mer-j obs\Di erberg Tract\ASBUI LT BASI N 1 2 AND

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Stand Pipe)  
 -----  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS El ev, Devi ce	Q	Tai l Water	Notes
WS El ev. ft	Q cfs	TW El ev ft	Converge +/-ft
-----			
Computati on Messages			
-----			
587. 00	. 51	Free Outfall	
		Ori fi ce: H =1. 50;	Ri ser ori fi ce equati on controll ing.
587. 10	. 53	Free Outfall	
		Ori fi ce: H =1. 60;	Ri ser ori fi ce equati on controll ing.
587. 20	. 55	Free Outfall	
		Ori fi ce: H =1. 70;	Ri ser ori fi ce equati on controll ing.
587. 30	. 56	Free Outfall	
		Ori fi ce: H =1. 80;	Ri ser ori fi ce equati on controll ing.
587. 40	. 58	Free Outfall	
		Ori fi ce: H =1. 90;	Ri ser ori fi ce equati on controll ing.
587. 50	. 59	Free Outfall	
		Ori fi ce: H =2. 00;	Ri ser ori fi ce equati on controll ing.
587. 60	. 61	Free Outfall	
		Ori fi ce: H =2. 10;	Ri ser ori fi ce equati on controll ing.
587. 70	. 62	Free Outfall	
		Ori fi ce: H =2. 20;	Ri ser ori fi ce equati on controll ing.
587. 80	. 64	Free Outfall	
		Ori fi ce: H =2. 30;	Ri ser ori fi ce equati on controll ing.
587. 90	. 65	Free Outfall	
		Ori fi ce: H =2. 40;	Ri ser ori fi ce equati on controll ing.
588. 00	. 66	Free Outfall	
		Ori fi ce: H =2. 50;	Ri ser ori fi ce equati on controll ing.

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 PondPack Ver: Compute Ti me: Date:

♀ Type. . . . Indi vi dual Outl et Curves Page 15. 484  
 Name. . . . Outl et 5

4. PPW Fi le. . . . \\2serverprs\PondPack\El mer-j obs\Di erberg Tract\ASBUI LT BASI N 1 2 AND

RATING TABLE FOR ONE OUTLET TYPE

asbuilt basin 1 2 and 4.txt

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 3.83 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
578.50	.00	Free Outfall			
578.60	.01	Upstream HW & DNstream TW < Inv. EI			
.00ft		Free Outfall			
578.70	.19	CRIT. DEPTH CONTROL Vh= .043ft Dcr= .125ft CRIT. DEPTH Hev=			
578.80	.27	INLET CONTROL... Equ. 1: HW = .20 dc=.125 Ac=.0566			
578.90	.35	Free Outfall			
.00ft		INLET CONTROL... Equ. 1: HW = .30 dc=.187 Ac=.1019			
579.00	.44	Free Outfall			
.00ft		CRIT. DEPTH CONTROL Vh= .089ft Dcr= .250ft CRIT. DEPTH Hev=			
579.10	.70	Free Outfall			
.00ft		CRIT. DEPTH CONTROL Vh= .113ft Dcr= .312ft CRIT. DEPTH Hev=			
579.20	1.05	Free Outfall			
.00ft		CRIT. DEPTH CONTROL Vh= .126ft Dcr= .344ft CRIT. DEPTH Hev=			
579.30	1.34	Free Outfall			
.00ft		CRIT. DEPTH CONTROL Vh= .152ft Dcr= .406ft CRIT. DEPTH Hev=			
579.40	1.66	Free Outfall			
.00ft		CRIT. DEPTH CONTROL Vh= .181ft Dcr= .469ft CRIT. DEPTH Hev=			
579.50	1.91	Free Outfall			
.00ft		CRIT. DEPTH CONTROL Vh= .229ft Dcr= .562ft CRIT. DEPTH Hev=			
579.60	2.22	Free Outfall			
.00ft		CRIT. DEPTH CONTROL Vh= .229ft Dcr= .562ft CRIT. DEPTH Hev=			
579.70	2.52	Free Outfall			
.00ft		CRIT. DEPTH CONTROL Vh= .266ft Dcr= .625ft CRIT. DEPTH Hev=			
579.80	2.86	Free Outfall			
.00ft		CRIT. DEPTH CONTROL Vh= .299ft Dcr= .672ft CRIT. DEPTH Hev=			
579.90	3.12	Free Outfall			
.00ft		CRIT. DEPTH CONTROL Vh= .336ft Dcr= .718ft CRIT. DEPTH Hev=			
580.00	3.46	Free Outfall			
.00ft		CRIT. DEPTH CONTROL Vh= .380ft Dcr= .765ft CRIT. DEPTH Hev=			
580.10	3.82	Free Outfall			
.00ft		BACKWATER CONTROL... Vh= .422ft hwDi = .781ft Lbw= 10.0ft Hev=			
580.10	3.82	Free Outfall			
.00ft		BACKWATER CONTROL... Vh= .426ft hwDi = .876ft Lbw= 10.0ft Hev=			

S/N:

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Type... Individual Outlet Curves  
Name... Outlet 5

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 3.83 cfs

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft
-----		
Computati on Messages		
-----		
580.20	4.11	Free Outfall BACKWATER CONTROL.. Vh= .449ft hwDi = .937ft Lbw= 10.0ft Hev=
.00ft		
580.30	4.36	Free Outfall BACKWATER CONTROL.. Vh= .484ft hwDi = .978ft Lbw= 10.0ft Hev=
.00ft		
580.40	4.59	Free Outfall BACKWATER CONTROL.. Vh= .530ft hwDi = .999ft Lbw= 10.0ft Hev=
.00ft		
580.50	4.76	Free Outfall FULL FLOW... Lfull =3.94ft Vh=.571ft HL=1.040ft Hev= .00ft
580.60	4.94	Free Outfall FULL FLOW... Lfull =5.77ft Vh=.616ft HL=1.158ft Hev= .00ft
580.70	5.13	Free Outfall FULL FLOW... Lfull =6.88ft Vh=.662ft HL=1.269ft Hev= .00ft
580.80	5.31	Free Outfall FULL FLOW... Lfull =7.65ft Vh=.710ft HL=1.376ft Hev= .00ft
580.90	5.49	Free Outfall FULL FLOW... Lfull =8.11ft Vh=.758ft HL=1.481ft Hev= .00ft
581.00	5.65	Free Outfall FULL FLOW... Lfull =8.82ft Vh=.803ft HL=1.587ft Hev= .00ft
581.10	5.82	Free Outfall FULL FLOW... Lfull =8.97ft Vh=.853ft HL=1.690ft Hev= .00ft
581.20	5.99	Free Outfall FULL FLOW... Lfull =9.06ft Vh=.903ft HL=1.791ft Hev= .00ft
581.30	6.15	Free Outfall FULL FLOW... Lfull =9.20ft Vh=.952ft HL=1.892ft Hev= .00ft
581.40	6.30	Free Outfall FULL FLOW... Lfull =9.35ft Vh=1.001ft HL=1.994ft Hev= .00ft
581.50	6.45	Free Outfall FULL FLOW... Lfull =9.50ft Vh=1.049ft HL=2.095ft Hev= .00ft
581.60	6.60	Free Outfall FULL FLOW... Lfull =9.54ft Vh=1.099ft HL=2.195ft Hev= .00ft
581.70	6.75	Free Outfall FULL FLOW... Lfull =9.58ft Vh=1.148ft HL=2.296ft Hev= .00ft
581.80	6.89	Free Outfall FULL FLOW... Lfull =9.74ft Vh=1.196ft HL=2.398ft Hev= .00ft

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Type... Individual Outlet Curves  
 Name... Outlet 5

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 3.83 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Convergence +/-ft
Computati on Messages		
581.90	7.03	Free Outfall
		FULL FLOW... Lfull=9.75ft Vh=1.245ft HL=2.497ft Hev= .00ft
582.00	7.17	Free Outfall
		FULL FLOW... Lfull=9.78ft Vh=1.295ft HL=2.597ft Hev= .00ft
582.10	7.31	Free Outfall
		FULL FLOW... Lfull=9.78ft Vh=1.345ft HL=2.698ft Hev= .00ft
582.20	7.44	Free Outfall
		FULL FLOW... Lfull=9.80ft Vh=1.395ft HL=2.798ft Hev= .00ft
582.30	7.57	Free Outfall
		FULL FLOW... Lfull=9.81ft Vh=1.444ft HL=2.899ft Hev= .00ft
582.40	7.70	Free Outfall
		FULL FLOW... Lfull=9.83ft Vh=1.494ft HL=2.999ft Hev= .00ft
582.50	7.83	Free Outfall
		FULL FLOW... Lfull=9.85ft Vh=1.543ft HL=3.098ft Hev= .00ft
582.60	7.95	Free Outfall
		FULL FLOW... Lfull=9.86ft Vh=1.593ft HL=3.199ft Hev= .00ft
582.70	8.07	Free Outfall
		FULL FLOW... Lfull=9.88ft Vh=1.642ft HL=3.298ft Hev= .00ft
582.80	8.19	Free Outfall
		FULL FLOW... Lfull=9.89ft Vh=1.691ft HL=3.399ft Hev= .00ft
582.90	8.31	Free Outfall
		FULL FLOW... Lfull=9.91ft Vh=1.741ft HL=3.500ft Hev= .00ft
583.00	8.43	Free Outfall
		FULL FLOW... Lfull=9.91ft Vh=1.791ft HL=3.599ft Hev= .00ft
583.10	8.55	Free Outfall
		FULL FLOW... Lfull=9.91ft Vh=1.840ft HL=3.698ft Hev= .00ft
583.20	8.66	Free Outfall
		FULL FLOW... Lfull=9.95ft Vh=1.889ft HL=3.800ft Hev= .00ft
583.30	8.77	Free Outfall
		FULL FLOW... Lfull=9.95ft Vh=1.939ft HL=3.900ft Hev= .00ft
583.40	8.88	Free Outfall
		FULL FLOW... Lfull=9.95ft Vh=1.989ft HL=3.999ft Hev= .00ft
583.50	8.99	Free Outfall
		FULL FLOW... Lfull=9.95ft Vh=2.038ft HL=4.099ft Hev= .00ft

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Type... Individual Outlet Curves  
 Name... Outlet 5

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)

Mannings open channel maximum capacity: 3.83 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
583.60	9.10	Free Outfall			
		FULL FLOW. . . Lfull =9.95ft	Vh=2.088ft	HL=4.199ft	Hev= .00ft
583.70	9.21	Free Outfall			
		FULL FLOW. . . Lfull =9.95ft	Vh=2.138ft	HL=4.299ft	Hev= .00ft
583.80	9.32	Free Outfall			
		FULL FLOW. . . Lfull =9.95ft	Vh=2.187ft	HL=4.399ft	Hev= .00ft
583.90	9.42	Free Outfall			
		FULL FLOW. . . Lfull =9.95ft	Vh=2.238ft	HL=4.500ft	Hev= .00ft
584.00	9.53	Free Outfall			
		FULL FLOW. . . Lfull =9.96ft	Vh=2.286ft	HL=4.599ft	Hev= .00ft
584.10	9.63	Free Outfall			
		FULL FLOW. . . Lfull =9.96ft	Vh=2.336ft	HL=4.699ft	Hev= .00ft
584.20	9.73	Free Outfall			
		FULL FLOW. . . Lfull =9.96ft	Vh=2.386ft	HL=4.800ft	Hev= .00ft
584.30	9.83	Free Outfall			
		FULL FLOW. . . Lfull =9.98ft	Vh=2.435ft	HL=4.900ft	Hev= .00ft
584.40	9.93	Free Outfall			
		FULL FLOW. . . Lfull =9.98ft	Vh=2.484ft	HL=4.999ft	Hev= .00ft
584.50	10.03	Free Outfall			
		FULL FLOW. . . Lfull =9.98ft	Vh=2.535ft	HL=5.101ft	Hev= .00ft
584.60	10.13	Free Outfall			
		FULL FLOW. . . Lfull =9.98ft	Vh=2.584ft	HL=5.199ft	Hev= .00ft
584.70	10.23	Free Outfall			
		FULL FLOW. . . Lfull =9.98ft	Vh=2.634ft	HL=5.300ft	Hev= .00ft
584.80	10.32	Free Outfall			
		FULL FLOW. . . Lfull =9.98ft	Vh=2.683ft	HL=5.399ft	Hev= .00ft
584.90	10.42	Free Outfall			
		FULL FLOW. . . Lfull =9.98ft	Vh=2.734ft	HL=5.501ft	Hev= .00ft
585.00	10.51	Free Outfall			
		FULL FLOW. . . Lfull =9.98ft	Vh=2.783ft	HL=5.600ft	Hev= .00ft
585.10	10.60	Free Outfall			
		FULL FLOW. . . Lfull =9.98ft	Vh=2.832ft	HL=5.699ft	Hev= .00ft
585.20	10.70	Free Outfall			
		FULL FLOW. . . Lfull =9.98ft	Vh=2.883ft	HL=5.800ft	Hev= .00ft

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Type . . . Individual Outlet Curves  
 Name . . . Outlet 5



asbuilt basin 1 2 and 4.txt  
 RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)  
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Mannings open channel maximum capacity: 3.83 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes		
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages	
585.30	10.79	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=2.932ft	HL=5.899ft Hev= .00ft
585.40	10.88	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=2.982ft	HL=5.999ft Hev= .00ft
585.50	10.97	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=3.031ft	HL=6.099ft Hev= .00ft
585.60	11.06	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=3.081ft	HL=6.199ft Hev= .00ft
585.70	11.15	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=3.131ft	HL=6.300ft Hev= .00ft
585.80	11.24	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=3.181ft	HL=6.400ft Hev= .00ft
585.90	11.32	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=3.230ft	HL=6.500ft Hev= .00ft
586.00	11.41	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=3.280ft	HL=6.600ft Hev= .00ft
586.10	11.50	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=3.329ft	HL=6.699ft Hev= .00ft
586.20	11.58	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=3.379ft	HL=6.799ft Hev= .00ft
586.30	11.67	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=3.429ft	HL=6.900ft Hev= .00ft
586.40	11.75	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=3.479ft	HL=7.000ft Hev= .00ft
586.50	11.84	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=3.529ft	HL=7.101ft Hev= .00ft
586.60	11.92	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=3.578ft	HL=7.200ft Hev= .00ft
586.70	12.00	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=3.628ft	HL=7.301ft Hev= .00ft
586.80	12.08	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=3.678ft	HL=7.400ft Hev= .00ft
586.90	12.16	Free Outfall			
		FULL FLOW...	Lfull=9.98ft	Vh=3.727ft	HL=7.500ft Hev= .00ft

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Type... Individual Outlet Curves  
 Name... Outlet 5

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Culvert-Circular)  
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asbuilt basin 1 2 and 4.txt  
 Mannings open channel maximum capacity: 3.83 cfs  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft Converge +/-ft
587.00	12.24	Free Outfall FULL FLOW... Lfull=9.98ft Vh=3.777ft HL=7.601ft Hev=.00ft
587.10	12.32	Free Outfall FULL FLOW... Lfull=9.98ft Vh=3.827ft HL=7.700ft Hev=.00ft
587.20	12.40	Free Outfall FULL FLOW... Lfull=9.98ft Vh=3.877ft HL=7.800ft Hev=.00ft
587.30	12.48	Free Outfall FULL FLOW... Lfull=9.98ft Vh=3.926ft HL=7.900ft Hev=.00ft
587.40	12.56	Free Outfall FULL FLOW... Lfull=9.98ft Vh=3.975ft HL=7.999ft Hev=.00ft
587.50	12.64	Free Outfall FULL FLOW... Lfull=9.98ft Vh=4.025ft HL=8.100ft Hev=.00ft
587.60	12.72	Free Outfall FULL FLOW... Lfull=9.98ft Vh=4.076ft HL=8.201ft Hev=.00ft
587.70	12.80	Free Outfall FULL FLOW... Lfull=9.98ft Vh=4.125ft HL=8.300ft Hev=.00ft
587.80	12.87	Free Outfall FULL FLOW... Lfull=9.98ft Vh=4.174ft HL=8.399ft Hev=.00ft
587.90	12.95	Free Outfall FULL FLOW... Lfull=9.98ft Vh=4.224ft HL=8.500ft Hev=.00ft
588.00	13.02	Free Outfall FULL FLOW... Lfull=9.98ft Vh=4.274ft HL=8.600ft Hev=.00ft

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Type... Composite Rating Curve

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Name... Outlet 5

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

WS Elev, Total Q	Notes
Elev. ft	Q cfs
578.50	.00
578.60	.01
578.70	.19
578.80	.27
578.90	.35
579.00	.44
579.10	.70
579.20	1.05
579.30	1.34
579.40	1.66
579.50	1.91
579.60	2.22

asbuilt basin 1 2 and 4.txt

579.70	2.52	Free	Outfall	LF
579.80	2.86	Free	Outfall	LF
579.90	3.12	Free	Outfall	LF
580.00	3.46	Free	Outfall	LF
580.10	3.82	Free	Outfall	LF
580.20	4.11	Free	Outfall	LF
580.30	4.36	Free	Outfall	LF
580.40	4.59	Free	Outfall	LF
580.50	4.76	Free	Outfall	LF
580.60	4.94	Free	Outfall	LF
580.70	5.13	Free	Outfall	LF
580.80	5.31	Free	Outfall	LF
580.90	5.49	Free	Outfall	LF
581.00	5.65	Free	Outfall	LF
581.10	5.82	Free	Outfall	LF
581.20	5.99	Free	Outfall	LF
581.30	6.15	Free	Outfall	LF
581.40	6.30	Free	Outfall	LF
581.50	6.45	Free	Outfall	LF
581.60	6.60	Free	Outfall	LF
581.70	6.75	Free	Outfall	LF
581.80	6.89	Free	Outfall	LF
581.90	7.03	Free	Outfall	LF
582.00	7.17	Free	Outfall	LF
582.10	7.31	Free	Outfall	LF
582.20	7.44	Free	Outfall	LF

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Type... Composite Rating Curve  
Name... Outlet 5

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

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
582.30	7.57	Free	Outfall	LF
582.40	7.70	Free	Outfall	LF
582.50	7.83	Free	Outfall	LF
582.60	7.95	Free	Outfall	LF
582.70	8.07	Free	Outfall	LF
582.80	8.19	Free	Outfall	LF
582.90	8.31	Free	Outfall	LF
583.00	8.43	Free	Outfall	LF
583.10	8.55	Free	Outfall	LF
583.20	8.66	Free	Outfall	LF
583.30	8.77	Free	Outfall	LF
583.40	8.88	Free	Outfall	LF
583.50	8.99	Free	Outfall	LF
583.60	9.10	Free	Outfall	LF
583.70	9.21	Free	Outfall	LF
583.80	9.32	Free	Outfall	LF
583.90	9.42	Free	Outfall	LF
584.00	9.53	Free	Outfall	LF
584.10	9.63	Free	Outfall	LF

asbuilt basin 1 2 and 4.txt

584.20	9.73	Free	Outfall	LF
584.30	9.83	Free	Outfall	LF
584.40	9.93	Free	Outfall	LF
584.50	10.03	Free	Outfall	LF
584.60	10.13	Free	Outfall	LF
584.70	10.23	Free	Outfall	LF
584.80	10.32	Free	Outfall	LF
584.90	10.42	Free	Outfall	LF
585.00	10.51	Free	Outfall	LF
585.10	10.60	Free	Outfall	LF
585.20	10.70	Free	Outfall	LF
585.30	10.79	Free	Outfall	LF
585.40	10.88	Free	Outfall	LF
585.50	10.97	Free	Outfall	OF +LF
585.60	11.16	Free	Outfall	OF +LF
585.70	11.34	Free	Outfall	OF +LF
585.80	11.47	Free	Outfall	OF +LF
585.90	11.59	Free	Outfall	OF +LF
586.00	11.71	Free	Outfall	OF +LF

S/N:

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Type... Composite Rating Curve

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Name... Outlet 5

4. PPW File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

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

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
586.10	11.82	Free	Outfall	OF +LF
586.20	11.93	Free	Outfall	OF +LF
586.30	12.04	Free	Outfall	OF +LF
586.40	12.15	Free	Outfall	OF +LF
586.50	12.26	Free	Outfall	OF +LF
586.60	12.36	Free	Outfall	OF +LF
586.70	12.46	Free	Outfall	OF +LF
586.80	12.56	Free	Outfall	OF +LF
586.90	12.66	Free	Outfall	OF +LF
587.00	12.76	Free	Outfall	OF +LF
587.10	12.86	Free	Outfall	OF +LF
587.20	12.95	Free	Outfall	OF +LF
587.30	13.05	Free	Outfall	OF +LF
587.40	13.14	Free	Outfall	OF +LF
587.50	13.23	Free	Outfall	OF +LF
587.60	13.33	Free	Outfall	OF +LF
587.70	13.42	Free	Outfall	OF +LF
587.80	13.51	Free	Outfall	OF +LF
587.90	13.60	Free	Outfall	OF +LF
588.00	13.69	Free	Outfall	OF +LF

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Date:

♀

Type... Outlet Input Data

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Name... Outlet 6

asbuilt basin 1 2 and 4.txt

File.... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

REQUESTED POND WS ELEVATIONS:

Min. Elev. = 546.00 ft
Increment = .10 ft
Max. Elev. = 560.00 ft

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

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

Table with 5 columns: Structure, No., Outfall, E1, ft, E2, ft. Rows include Ori fi ce-Area, Wei r-Rectangul ar, and TW SETUP, DS Channel.

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PondPack Ver: Compute Time: Date:

♀

Type.... Outlet Input Data Page 15.494
Name.... Outlet 6

File.... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

OUTLET STRUCTURE INPUT DATA

Structure ID = L0
Structure Type = Ori fi ce-Area
# of Openings = 1
Invert Elev. = 548.70 ft
Area = .5000 sq. ft
Top of Ori fi ce = 549.70 ft
Datum Elev. = 549.20 ft
Ori fi ce Coeff. = .600

Structure ID = LF
Structure Type = Wei r-Rectangul ar
# of Openings = 1
Crest Elev. = 548.70 ft
Wei r Length = .50 ft
Wei r Coeff. = 3.000000
Wei r TW effects (Use adjustment equati on)

asbuilt basin 1 2 and 4.txt

Structure ID = OF  
Structure Type = Weir-Rectangular  
-----  
# of Openings = 1  
Crest Elev. = 557.75 ft  
Weir Length = 11.00 ft  
Weir Coeff. = 3.000000  
  
Weir TW effects (Use adjustment equation)

S/N:  
PondPack Ver: Compute Time: Date:

♀  
Type... Outlet Input Data Page 15.495  
Name... Outlet 6

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4. PPW

OUTLET STRUCTURE INPUT DATA

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

FREE OUTFALL CONDITIONS SPECIFIED

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

S/N:  
PondPack Ver: Compute Time: Date:

♀  
Type... Individual Outlet Curves Page 15.496  
Name... Outlet 6

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4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = L0 (Orifice-Area)  
-----  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. Q	TW Elev Converge	Computati on Messages
ft cfs	ft +/-ft	Page 1022

asbuil t basin 1 2 and 4.txt

546.00	.00	Free Outfall	
		E < E1=	549.950
546.10	.00	Free Outfall	
		E < E1=	549.950
546.20	.00	Free Outfall	
		E < E1=	549.950
546.30	.00	Free Outfall	
		E < E1=	549.950
546.40	.00	Free Outfall	
		E < E1=	549.950
546.50	.00	Free Outfall	
		E < E1=	549.950
546.60	.00	Free Outfall	
		E < E1=	549.950
546.70	.00	Free Outfall	
		E < E1=	549.950
546.80	.00	Free Outfall	
		E < E1=	549.950
546.90	.00	Free Outfall	
		E < E1=	549.950
547.00	.00	Free Outfall	
		E < E1=	549.950
547.10	.00	Free Outfall	
		E < E1=	549.950
547.20	.00	Free Outfall	
		E < E1=	549.950
547.30	.00	Free Outfall	
		E < E1=	549.950
547.40	.00	Free Outfall	
		E < E1=	549.950
547.50	.00	Free Outfall	
		E < E1=	549.950
547.60	.00	Free Outfall	
		E < E1=	549.950

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Type... Individual Outlet Curves

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Name... Outlet 6

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = L0 (Orifice-Area)

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
ft	cfs	TW Elev Converge ft +/-ft	Computation Messages
547.70	.00	Free Outfall	
		E < E1=	549.950
547.80	.00	Free Outfall	
		E < E1=	549.950

asbuilt basin 1 2 and 4.txt

```

547.90 .00 Free Outfall
        E < E1= 549.950
548.00 .00 Free Outfall
        E < E1= 549.950
548.10 .00 Free Outfall
        E < E1= 549.950
548.20 .00 Free Outfall
        E < E1= 549.950
548.30 .00 Free Outfall
        E < E1= 549.950
548.40 .00 Free Outfall
        E < E1= 549.950
548.50 .00 Free Outfall
        E < E1= 549.950
548.60 .00 Free Outfall
        E < E1= 549.950
548.70 .00 Free Outfall
        E < E1= 549.950
548.80 .00 Free Outfall
        E < E1= 549.950
548.90 .00 Free Outfall
        E < E1= 549.950
549.00 .00 Free Outfall
        E < E1= 549.950
549.10 .00 Free Outfall
        E < E1= 549.950
549.20 .00 Free Outfall
        E < E1= 549.950
549.30 .00 Free Outfall
        E < E1= 549.950
    
```

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type . . . Individual Outlet Curves  
 Name . . . Outlet 6

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File . . . \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = L0 (Orifice-Area)

Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft
Computati on Messages		
549.40	.00	Free Outfall
		E < E1= 549.950
549.50	.00	Free Outfall
		E < E1= 549.950
549.60	.00	Free Outfall
		E < E1= 549.950
549.70	.00	Free Outfall
		E < E1= 549.950
549.80	.00	Free Outfall



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	E < E1=	549.950	
549.90	.00	Free	Outfall
	E < E1=	549.950	
550.00	2.15	Free	Outfall
	H =.	.80	
550.10	2.28	Free	Outfall
	H =.	.90	
550.20	2.41	Free	Outfall
	H =	1.00	
550.30	2.52	Free	Outfall
	H =	1.10	
550.40	2.64	Free	Outfall
	H =	1.20	
550.50	2.74	Free	Outfall
	H =	1.30	
550.60	2.85	Free	Outfall
	H =	1.40	
550.70	2.95	Free	Outfall
	H =	1.50	
550.80	3.04	Free	Outfall
	H =	1.60	
550.90	3.14	Free	Outfall
	H =	1.70	
551.00	3.23	Free	Outfall
	H =	1.80	

S/N:

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Date:

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Type... Individual Outlet Curves

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Name... Outlet 6

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = L0 (Office-Area)

Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge +/-ft
Computati on Messages		
551.10	3.32	Free Outfall
	H =	1.90
551.20	3.40	Free Outfall
	H =	2.00
551.30	3.49	Free Outfall
	H =	2.10
551.40	3.57	Free Outfall
	H =	2.20
551.50	3.65	Free Outfall
	H =	2.30
551.60	3.73	Free Outfall
	H =	2.40
551.70	3.81	Free Outfall
	H =	2.50

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551.80	3.88	Free	Outfall
		H =2.60	
551.90	3.95	Free	Outfall
		H =2.70	
552.00	4.03	Free	Outfall
		H =2.80	
552.10	4.10	Free	Outfall
		H =2.90	
552.20	4.17	Free	Outfall
		H =3.00	
552.30	4.24	Free	Outfall
		H =3.10	
552.40	4.30	Free	Outfall
		H =3.20	
552.50	4.37	Free	Outfall
		H =3.30	
552.60	4.44	Free	Outfall
		H =3.40	
552.70	4.50	Free	Outfall
		H =3.50	

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PondPack Ver:

Compute Time:

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Type. . . . Individual Outlet Curves

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Name. . . . Outlet 6

File. . . . \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = L0 (Orifice-Area)

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
-----			
Computati on Messages			
-----			
552.80	4.57	Free	Outfall
		H =3.60	
552.90	4.63	Free	Outfall
		H =3.70	
553.00	4.69	Free	Outfall
		H =3.80	
553.10	4.75	Free	Outfall
		H =3.90	
553.20	4.81	Free	Outfall
		H =4.00	
553.30	4.87	Free	Outfall
		H =4.10	
553.40	4.93	Free	Outfall
		H =4.20	
553.50	4.99	Free	Outfall
		H =4.30	
553.60	5.05	Free	Outfall
		H =4.40	
553.70	5.10	Free	Outfall

asbuilt basin 1 2 and 4.txt

553.80 5.16 H =4.50 Free Outfall  
 553.90 5.22 H =4.60 Free Outfall  
 554.00 5.27 H =4.70 Free Outfall  
 554.10 5.33 H =4.80 Free Outfall  
 554.20 5.38 H =4.90 Free Outfall  
 554.30 5.43 H =5.00 Free Outfall  
 554.40 5.49 H =5.10 Free Outfall  
 H =5.20

S/N:

PondPack Ver:

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Date:

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Type... Individual Outlet Curves  
 Name... Outlet 6

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = L0 (Orifice-Area)

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q		Tail Water		Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft	Computati on Messages
554.50	5.54	Free	Outfall	
		H =5.30		
554.60	5.59	Free	Outfall	
		H =5.40		
554.70	5.64	Free	Outfall	
		H =5.50		
554.80	5.69	Free	Outfall	
		H =5.60		
554.90	5.75	Free	Outfall	
		H =5.70		
555.00	5.80	Free	Outfall	
		H =5.80		
555.10	5.85	Free	Outfall	
		H =5.90		
555.20	5.89	Free	Outfall	
		H =6.00		
555.30	5.94	Free	Outfall	
		H =6.10		
555.40	5.99	Free	Outfall	
		H =6.20		
555.50	6.04	Free	Outfall	
		H =6.30		
555.60	6.09	Free	Outfall	
		H =6.40		

asbuilt basin 1 2 and 4.txt

555.70 6.14 Free Outfall  
 H =6.50  
 555.80 6.18 Free Outfall  
 H =6.60  
 555.90 6.23 Free Outfall  
 H =6.70  
 556.00 6.28 Free Outfall  
 H =6.80  
 556.10 6.32 Free Outfall  
 H =6.90

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves  
 Name... Outlet 6

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = L0 (Orifice-Area)

Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. Q	TW Elev Converge	Computati on Messages
ft cfs	ft +/-ft	
556.20 6.37 Free Outfall		
H =7.00		
556.30 6.41 Free Outfall		
H =7.10		
556.40 6.46 Free Outfall		
H =7.20		
556.50 6.50 Free Outfall		
H =7.30		
556.60 6.55 Free Outfall		
H =7.40		
556.70 6.59 Free Outfall		
H =7.50		
556.80 6.63 Free Outfall		
H =7.60		
556.90 6.68 Free Outfall		
H =7.70		
557.00 6.72 Free Outfall		
H =7.80		
557.10 6.76 Free Outfall		
H =7.90		
557.20 6.81 Free Outfall		
H =8.00		
557.30 6.85 Free Outfall		
H =8.10		
557.40 6.89 Free Outfall		
H =8.20		
557.50 6.93 Free Outfall		
H =8.30		
557.60 6.97 Free Outfall		

asbuilt basin 1 2 and 4.txt

557.70      H =8.40  
             7.02    Free Outfall  
             H =8.50  
 557.75      7.04    Free Outfall  
             H =8.55

S/N:

PondPack Ver:

Compute Time:

Date:

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Type.... Individual Outlet Curves  
 Name.... Outlet 6

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = L0 (Orifice-Area)

Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft
Computati on Messages		
557.80	7.06	Free Outfall
	H =8.60	
557.90	7.10	Free Outfall
	H =8.70	
558.00	7.14	Free Outfall
	H =8.80	
558.10	7.18	Free Outfall
	H =8.90	
558.20	7.22	Free Outfall
	H =9.00	
558.30	7.26	Free Outfall
	H =9.10	
558.40	7.30	Free Outfall
	H =9.20	
558.50	7.34	Free Outfall
	H =9.30	
558.60	7.38	Free Outfall
	H =9.40	
558.70	7.42	Free Outfall
	H =9.50	
558.80	7.46	Free Outfall
	H =9.60	
558.90	7.50	Free Outfall
	H =9.70	
559.00	7.53	Free Outfall
	H =9.80	
559.10	7.57	Free Outfall
	H =9.90	
559.20	7.61	Free Outfall
	H =10.00	
559.30	7.65	Free Outfall
	H =10.10	
559.40	7.69	Free Outfall
	H =10.20	

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Type... Individual Outlet Curves  
Name... Outlet 6

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = L0 (Orifice-Area)

Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft	Computati on Messages
559.50	7.72	Free Outfall H =10.30	
559.60	7.76	Free Outfall H =10.40	
559.70	7.80	Free Outfall H =10.50	
559.80	7.84	Free Outfall H =10.60	
559.90	7.87	Free Outfall H =10.70	
560.00	7.91	Free Outfall H =10.80	

S/N:

PondPack Ver:

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Type... Individual Outlet Curves  
Name... Outlet 6

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RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Weir-Rectangular)

Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft	Computati on Messages
546.00	.00	Free Outfall HW & TW below Inv. El. =548.700	

asbuilt basin 1 2 and 4.txt

546. 10 .00 Free Outfall  
 HW & TW below Inv. El. =548. 700  
 546. 20 .00 Free Outfall  
 HW & TW below Inv. El. =548. 700  
 546. 30 .00 Free Outfall  
 HW & TW below Inv. El. =548. 700  
 546. 40 .00 Free Outfall  
 HW & TW below Inv. El. =548. 700  
 546. 50 .00 Free Outfall  
 HW & TW below Inv. El. =548. 700  
 546. 60 .00 Free Outfall  
 HW & TW below Inv. El. =548. 700  
 546. 70 .00 Free Outfall  
 HW & TW below Inv. El. =548. 700  
 546. 80 .00 Free Outfall  
 HW & TW below Inv. El. =548. 700  
 546. 90 .00 Free Outfall  
 HW & TW below Inv. El. =548. 700  
 547. 00 .00 Free Outfall  
 HW & TW below Inv. El. =548. 700  
 547. 10 .00 Free Outfall  
 HW & TW below Inv. El. =548. 700  
 547. 20 .00 Free Outfall  
 HW & TW below Inv. El. =548. 700  
 547. 30 .00 Free Outfall  
 HW & TW below Inv. El. =548. 700  
 547. 40 .00 Free Outfall  
 HW & TW below Inv. El. =548. 700  
 547. 50 .00 Free Outfall  
 HW & TW below Inv. El. =548. 700  
 547. 60 .00 Free Outfall  
 HW & TW below Inv. El. =548. 700

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Type... Individual Outlet Curves  
 Name... Outlet 6

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Weir-Rectangular)

Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft	Computati on Messages
547. 70	.00	Free Outfall	
		HW & TW below Inv. El. =548. 700	
547. 80	.00	Free Outfall	
		HW & TW below Inv. El. =548. 700	
547. 90	.00	Free Outfall	
		HW & TW below Inv. El. =548. 700	
548. 00	.00	Free Outfall	

asbuilt basin 1 2 and 4.txt

548.10	.00	HW & TW below Inv. El. =548.700 Free Outfall
548.20	.00	HW & TW below Inv. El. =548.700 Free Outfall
548.30	.00	HW & TW below Inv. El. =548.700 Free Outfall
548.40	.00	HW & TW below Inv. El. =548.700 Free Outfall
548.50	.00	HW & TW below Inv. El. =548.700 Free Outfall
548.60	.00	HW & TW below Inv. El. =548.700 Free Outfall
548.70	.00	HW & TW below Inv. El. =548.700 Free Outfall
548.80	.05	H=.00; Htw=.00; Qfree=.00; Free Outfall
548.90	.13	H=.10; Htw=.00; Qfree=.05; Free Outfall
549.00	.25	H=.20; Htw=.00; Qfree=.13; Free Outfall
549.10	.38	H=.30; Htw=.00; Qfree=.25; Free Outfall
549.20	.53	H=.40; Htw=.00; Qfree=.38; Free Outfall
549.30	.70	H=.50; Htw=.00; Qfree=.53; Free Outfall
		H=.60; Htw=.00; Qfree=.70;

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Type... Individual Outlet Curves  
Name... Outlet 6

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File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Weir-Rectangular)  
-----  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft Computati on Messages
549.40	.88	Free Outfall H=.70; Htw=.00; Qfree=.88;
549.50	1.07	Free Outfall H=.80; Htw=.00; Qfree=1.07;
549.60	1.28	Free Outfall H=.90; Htw=.00; Qfree=1.28;
549.70	1.50	Free Outfall H=1.00; Htw=.00; Qfree=1.50;
549.80	1.73	Free Outfall H=1.10; Htw=.00; Qfree=1.73;
549.90	1.97	Free Outfall H=1.20; Htw=.00; Qfree=1.97;



asbuilt basin 1 2 and 4.txt

```

550.00 .00 Free Outfall
        E >= E2= 549.950
550.10 .00 Free Outfall
        E >= E2= 549.950
550.20 .00 Free Outfall
        E >= E2= 549.950
550.30 .00 Free Outfall
        E >= E2= 549.950
550.40 .00 Free Outfall
        E >= E2= 549.950
550.50 .00 Free Outfall
        E >= E2= 549.950
550.60 .00 Free Outfall
        E >= E2= 549.950
550.70 .00 Free Outfall
        E >= E2= 549.950
550.80 .00 Free Outfall
        E >= E2= 549.950
550.90 .00 Free Outfall
        E >= E2= 549.950
551.00 .00 Free Outfall
        E >= E2= 549.950
    
```

S/N:

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Compute Time:

Date:

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Type . . . Individual Outlet Curves  
 Name . . . Outlet 6

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Wei r-Rectangul ar)

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS El ev, Devi ce	Q	Tail Water	Notes
WS El ev. ft	Q cfs	TW El ev ft	Converge +/-ft
			Computati on Messages
551.10	.00	Free Outfall	
		E >= E2=	549.950
551.20	.00	Free Outfall	
		E >= E2=	549.950
551.30	.00	Free Outfall	
		E >= E2=	549.950
551.40	.00	Free Outfall	
		E >= E2=	549.950
551.50	.00	Free Outfall	
		E >= E2=	549.950
551.60	.00	Free Outfall	
		E >= E2=	549.950
551.70	.00	Free Outfall	
		E >= E2=	549.950
551.80	.00	Free Outfall	
		E >= E2=	549.950
551.90	.00	Free Outfall	

asbuil t basin 1 2 and 4. txt

```

552.00 .00 Free Outfall
           E >= E2= 549.950
552.10 .00 Free Outfall
           E >= E2= 549.950
552.20 .00 Free Outfall
           E >= E2= 549.950
552.30 .00 Free Outfall
           E >= E2= 549.950
552.40 .00 Free Outfall
           E >= E2= 549.950
552.50 .00 Free Outfall
           E >= E2= 549.950
552.60 .00 Free Outfall
           E >= E2= 549.950
552.70 .00 Free Outfall
           E >= E2= 549.950
    
```

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Date:

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Type. . . . Individual Outlet Curves  
 Name. . . . Outlet 6

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File. . . . \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Wei r-Rectangul ar)  
 -----  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft	Computati on Messages
552.80	.00	Free Outfall	
		E >= E2= 549.950	
552.90	.00	Free Outfall	
		E >= E2= 549.950	
553.00	.00	Free Outfall	
		E >= E2= 549.950	
553.10	.00	Free Outfall	
		E >= E2= 549.950	
553.20	.00	Free Outfall	
		E >= E2= 549.950	
553.30	.00	Free Outfall	
		E >= E2= 549.950	
553.40	.00	Free Outfall	
		E >= E2= 549.950	
553.50	.00	Free Outfall	
		E >= E2= 549.950	
553.60	.00	Free Outfall	
		E >= E2= 549.950	
553.70	.00	Free Outfall	
		E >= E2= 549.950	
553.80	.00	Free Outfall	
		E >= E2= 549.950	

asbuilt basin 1 2 and 4.txt

553. 90 .00 Free Outfall  
 E >= E2= 549.950  
 554. 00 .00 Free Outfall  
 E >= E2= 549.950  
 554. 10 .00 Free Outfall  
 E >= E2= 549.950  
 554. 20 .00 Free Outfall  
 E >= E2= 549.950  
 554. 30 .00 Free Outfall  
 E >= E2= 549.950  
 554. 40 .00 Free Outfall  
 E >= E2= 549.950

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Type... Individual Outlet Curves Page 15.510  
 Name... Outlet 6

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Weir-Rectangular)  
 -----  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft	Computati on Messages
554. 50	.00	Free Outfall	
		E >= E2= 549.950	
554. 60	.00	Free Outfall	
		E >= E2= 549.950	
554. 70	.00	Free Outfall	
		E >= E2= 549.950	
554. 80	.00	Free Outfall	
		E >= E2= 549.950	
554. 90	.00	Free Outfall	
		E >= E2= 549.950	
555. 00	.00	Free Outfall	
		E >= E2= 549.950	
555. 10	.00	Free Outfall	
		E >= E2= 549.950	
555. 20	.00	Free Outfall	
		E >= E2= 549.950	
555. 30	.00	Free Outfall	
		E >= E2= 549.950	
555. 40	.00	Free Outfall	
		E >= E2= 549.950	
555. 50	.00	Free Outfall	
		E >= E2= 549.950	
555. 60	.00	Free Outfall	
		E >= E2= 549.950	
555. 70	.00	Free Outfall	
		E >= E2= 549.950	
555. 80	.00	Free Outfall	

asbuilt basin 1 2 and 4.txt

555.90 .00 E >= E2= 549.950  
 Free Outfall  
 556.00 .00 E >= E2= 549.950  
 Free Outfall  
 556.10 .00 E >= E2= 549.950  
 Free Outfall  
 E >= E2= 549.950

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Type... Individual Outlet Curves Page 15.511  
 Name... Outlet 6

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Wei r-Rectangul ar)

Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft
Computati on Messages		
556.20	.00	Free Outfall
		E >= E2= 549.950
556.30	.00	Free Outfall
		E >= E2= 549.950
556.40	.00	Free Outfall
		E >= E2= 549.950
556.50	.00	Free Outfall
		E >= E2= 549.950
556.60	.00	Free Outfall
		E >= E2= 549.950
556.70	.00	Free Outfall
		E >= E2= 549.950
556.80	.00	Free Outfall
		E >= E2= 549.950
556.90	.00	Free Outfall
		E >= E2= 549.950
557.00	.00	Free Outfall
		E >= E2= 549.950
557.10	.00	Free Outfall
		E >= E2= 549.950
557.20	.00	Free Outfall
		E >= E2= 549.950
557.30	.00	Free Outfall
		E >= E2= 549.950
557.40	.00	Free Outfall
		E >= E2= 549.950
557.50	.00	Free Outfall
		E >= E2= 549.950
557.60	.00	Free Outfall
		E >= E2= 549.950
557.70	.00	Free Outfall
		E >= E2= 549.950

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 557.75 .00 Free Outfall  
 E >= E2= 549.950

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Type... Individual Outlet Curves Page 15.512  
 Name... Outlet 6

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Wei r-Rectangul ar)  
 -----  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. Q	TW Elev Converge	Computati on Messages
ft cfs	ft +/-ft	
557.80 .00	Free Outfall	
E >= E2= 549.950		
557.90 .00	Free Outfall	
E >= E2= 549.950		
558.00 .00	Free Outfall	
E >= E2= 549.950		
558.10 .00	Free Outfall	
E >= E2= 549.950		
558.20 .00	Free Outfall	
E >= E2= 549.950		
558.30 .00	Free Outfall	
E >= E2= 549.950		
558.40 .00	Free Outfall	
E >= E2= 549.950		
558.50 .00	Free Outfall	
E >= E2= 549.950		
558.60 .00	Free Outfall	
E >= E2= 549.950		
558.70 .00	Free Outfall	
E >= E2= 549.950		
558.80 .00	Free Outfall	
E >= E2= 549.950		
558.90 .00	Free Outfall	
E >= E2= 549.950		
559.00 .00	Free Outfall	
E >= E2= 549.950		
559.10 .00	Free Outfall	
E >= E2= 549.950		
559.20 .00	Free Outfall	
E >= E2= 549.950		
559.30 .00	Free Outfall	
E >= E2= 549.950		
559.40 .00	Free Outfall	
E >= E2= 549.950		

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 PondPack Ver: Compute Time: Date:  
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Type... Individual Outlet Curves  
Name... Outlet 6

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LF (Weir-Rectangular)  
-----  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
-----			
Computati on Messages			
-----			
559.50	.00	Free Outfall	
		E >= E2=	549.950
559.60	.00	Free Outfall	
		E >= E2=	549.950
559.70	.00	Free Outfall	
		E >= E2=	549.950
559.80	.00	Free Outfall	
		E >= E2=	549.950
559.90	.00	Free Outfall	
		E >= E2=	549.950
560.00	.00	Free Outfall	
		E >= E2=	549.950

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves  
Name... Outlet 6

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Weir-Rectangular)  
-----  
Upstream ID = (Pond Water Surface)  
DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
-----			
Computati on Messages			
-----			
546.00	.00	Free Outfall	
		HW & TW below Inv. El . =	557.750
546.10	.00	Free Outfall	
		HW & TW below Inv. El . =	557.750
546.20	.00	Free Outfall	

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546.30 .00 HW & TW below Inv. El. =557.750  
 .00 Free Outfall  
 546.40 .00 HW & TW below Inv. El. =557.750  
 .00 Free Outfall  
 546.50 .00 HW & TW below Inv. El. =557.750  
 .00 Free Outfall  
 546.60 .00 HW & TW below Inv. El. =557.750  
 .00 Free Outfall  
 546.70 .00 HW & TW below Inv. El. =557.750  
 .00 Free Outfall  
 546.80 .00 HW & TW below Inv. El. =557.750  
 .00 Free Outfall  
 546.90 .00 HW & TW below Inv. El. =557.750  
 .00 Free Outfall  
 547.00 .00 HW & TW below Inv. El. =557.750  
 .00 Free Outfall  
 547.10 .00 HW & TW below Inv. El. =557.750  
 .00 Free Outfall  
 547.20 .00 HW & TW below Inv. El. =557.750  
 .00 Free Outfall  
 547.30 .00 HW & TW below Inv. El. =557.750  
 .00 Free Outfall  
 547.40 .00 HW & TW below Inv. El. =557.750  
 .00 Free Outfall  
 547.50 .00 HW & TW below Inv. El. =557.750  
 .00 Free Outfall  
 547.60 .00 HW & TW below Inv. El. =557.750  
 .00 Free Outfall  
 HW & TW below Inv. El. =557.750

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PondPack Ver:

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Type... Individual Outlet Curves  
 Name... Outlet 6

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Weir-Rectangular)  
 -----  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft	Computati on Messages
547.70	.00	Free Outfall	
547.80	.00	HW & TW below Inv. El. =557.750 Free Outfall	
547.90	.00	HW & TW below Inv. El. =557.750 Free Outfall	
548.00	.00	HW & TW below Inv. El. =557.750 Free Outfall	
548.10	.00	HW & TW below Inv. El. =557.750 Free Outfall	

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548.20 .00 Free Outfall
        HW & TW below Inv. El. =557.750
548.30 .00 Free Outfall
        HW & TW below Inv. El. =557.750
548.40 .00 Free Outfall
        HW & TW below Inv. El. =557.750
548.50 .00 Free Outfall
        HW & TW below Inv. El. =557.750
548.60 .00 Free Outfall
        HW & TW below Inv. El. =557.750
548.70 .00 Free Outfall
        HW & TW below Inv. El. =557.750
548.80 .00 Free Outfall
        HW & TW below Inv. El. =557.750
548.90 .00 Free Outfall
        HW & TW below Inv. El. =557.750
549.00 .00 Free Outfall
        HW & TW below Inv. El. =557.750
549.10 .00 Free Outfall
        HW & TW below Inv. El. =557.750
549.20 .00 Free Outfall
        HW & TW below Inv. El. =557.750
549.30 .00 Free Outfall
        HW & TW below Inv. El. =557.750
    
```

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PondPack Ver:

Compute Time:

Date:

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Type... Individual Outlet Curves  
 Name... Outlet 6

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Weir-Rectangular)  
 -----  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft	Computati on Messages
549.40	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
549.50	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
549.60	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
549.70	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
549.80	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
549.90	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
550.00	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
550.10	.00	Free Outfall	



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550.20 .00 HW & TW below Inv. El. =557.750  
 Free Outfall  
 550.30 .00 HW & TW below Inv. El. =557.750  
 Free Outfall  
 550.40 .00 HW & TW below Inv. El. =557.750  
 Free Outfall  
 550.50 .00 HW & TW below Inv. El. =557.750  
 Free Outfall  
 550.60 .00 HW & TW below Inv. El. =557.750  
 Free Outfall  
 550.70 .00 HW & TW below Inv. El. =557.750  
 Free Outfall  
 550.80 .00 HW & TW below Inv. El. =557.750  
 Free Outfall  
 550.90 .00 HW & TW below Inv. El. =557.750  
 Free Outfall  
 551.00 .00 HW & TW below Inv. El. =557.750  
 Free Outfall  
 HW & TW below Inv. El. =557.750

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Type... Individual Outlet Curves

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Name... Outlet 6

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Weir-Rectangular)

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft Computati on Messages
551.10	.00	Free Outfall
551.20	.00	HW & TW below Inv. El. =557.750 Free Outfall
551.30	.00	HW & TW below Inv. El. =557.750 Free Outfall
551.40	.00	HW & TW below Inv. El. =557.750 Free Outfall
551.50	.00	HW & TW below Inv. El. =557.750 Free Outfall
551.60	.00	HW & TW below Inv. El. =557.750 Free Outfall
551.70	.00	HW & TW below Inv. El. =557.750 Free Outfall
551.80	.00	HW & TW below Inv. El. =557.750 Free Outfall
551.90	.00	HW & TW below Inv. El. =557.750 Free Outfall
552.00	.00	HW & TW below Inv. El. =557.750 Free Outfall

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552. 10 .00 Free Outfall  
 HW & TW below Inv. El. =557. 750  
 552. 20 .00 Free Outfall  
 HW & TW below Inv. El. =557. 750  
 552. 30 .00 Free Outfall  
 HW & TW below Inv. El. =557. 750  
 552. 40 .00 Free Outfall  
 HW & TW below Inv. El. =557. 750  
 552. 50 .00 Free Outfall  
 HW & TW below Inv. El. =557. 750  
 552. 60 .00 Free Outfall  
 HW & TW below Inv. El. =557. 750  
 552. 70 .00 Free Outfall  
 HW & TW below Inv. El. =557. 750

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Date:

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Type... Individual Outlet Curves  
 Name... Outlet 6

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 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 0F (Weir-Rectangular)

Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft
Computati on Messages		
552. 80	.00	Free Outfall
		HW & TW below Inv. El. =557. 750
552. 90	.00	Free Outfall
		HW & TW below Inv. El. =557. 750
553. 00	.00	Free Outfall
		HW & TW below Inv. El. =557. 750
553. 10	.00	Free Outfall
		HW & TW below Inv. El. =557. 750
553. 20	.00	Free Outfall
		HW & TW below Inv. El. =557. 750
553. 30	.00	Free Outfall
		HW & TW below Inv. El. =557. 750
553. 40	.00	Free Outfall
		HW & TW below Inv. El. =557. 750
553. 50	.00	Free Outfall
		HW & TW below Inv. El. =557. 750
553. 60	.00	Free Outfall
		HW & TW below Inv. El. =557. 750
553. 70	.00	Free Outfall
		HW & TW below Inv. El. =557. 750
553. 80	.00	Free Outfall
		HW & TW below Inv. El. =557. 750
553. 90	.00	Free Outfall
		HW & TW below Inv. El. =557. 750
554. 00	.00	Free Outfall

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554.10 .00 HW & TW below Inv. El. =557.750  
 Free Outfall  
 554.20 .00 HW & TW below Inv. El. =557.750  
 Free Outfall  
 554.30 .00 HW & TW below Inv. El. =557.750  
 Free Outfall  
 554.40 .00 HW & TW below Inv. El. =557.750  
 Free Outfall  
 HW & TW below Inv. El. =557.750

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Type... Individual Outlet Curves  
 Name... Outlet 6

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Weir-Rectangular)

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
-----			
Computati on Messages			
-----			
554.50	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
554.60	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
554.70	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
554.80	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
554.90	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
555.00	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
555.10	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
555.20	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
555.30	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
555.40	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
555.50	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
555.60	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
555.70	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
555.80	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
555.90	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	

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556.00 .00 Free Outfall  
 HW & TW below Inv. El. =557.750  
 556.10 .00 Free Outfall  
 HW & TW below Inv. El. =557.750

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Type... Individual Outlet Curves  
 Name... Outlet 6

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 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Weir-Rectangular)

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft	Converge +/-ft
-----			
Computati on Messages			
-----			
556.20	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
556.30	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
556.40	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
556.50	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
556.60	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
556.70	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
556.80	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
556.90	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
557.00	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
557.10	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
557.20	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
557.30	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
557.40	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
557.50	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
557.60	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
557.70	.00	Free Outfall	
		HW & TW below Inv. El. =557.750	
557.75	.00	Free Outfall	
		H=.00; Htw=.00; Qfree=.00;	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Individual Outlet Curves  
Name... Outlet 6

Page 15.521

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Weir-Rectangular)

Upstream ID = (Pond Water Surface)

DNstream ID = TW (Pond Outfall)

WS Elev, Device Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev ft
		Converge +/-ft
-----		
Computati on Messages		
-----		
557.80	.37	Free Outfall
		H=.05; Htw=.00; Qfree=.37;
557.90	1.92	Free Outfall
		H=.15; Htw=.00; Qfree=1.92;
558.00	4.13	Free Outfall
		H=.25; Htw=.00; Qfree=4.13;
558.10	6.83	Free Outfall
		H=.35; Htw=.00; Qfree=6.83;
558.20	9.96	Free Outfall
		H=.45; Htw=.00; Qfree=9.96;
558.30	13.46	Free Outfall
		H=.55; Htw=.00; Qfree=13.46;
558.40	17.29	Free Outfall
		H=.65; Htw=.00; Qfree=17.29;
558.50	21.43	Free Outfall
		H=.75; Htw=.00; Qfree=21.43;
558.60	25.86	Free Outfall
		H=.85; Htw=.00; Qfree=25.86;
558.70	30.56	Free Outfall
		H=.95; Htw=.00; Qfree=30.56;
558.80	35.51	Free Outfall
		H=1.05; Htw=.00; Qfree=35.51;
558.90	40.70	Free Outfall
		H=1.15; Htw=.00; Qfree=40.70;
559.00	46.12	Free Outfall
		H=1.25; Htw=.00; Qfree=46.12;
559.10	51.76	Free Outfall
		H=1.35; Htw=.00; Qfree=51.76;
559.20	57.62	Free Outfall
		H=1.45; Htw=.00; Qfree=57.62;
559.30	63.68	Free Outfall
		H=1.55; Htw=.00; Qfree=63.68;
559.40	69.94	Free Outfall
		H=1.65; Htw=.00; Qfree=69.94;

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Individual Outlet Curves  
Name... Outlet 6

Page 15.522

asbuilt basin 1 2 and 4.txt

File . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND 4. PPW

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = OF (Wei r-Rectangul ar)  
 -----  
 Upstream ID = (Pond Water Surface)  
 DNstream ID = TW (Pond Outfall)

WS Elev, Device	Q	Tail Water	Notes
WS Elev. ft	Q cfs	TW Elev Converge ft +/-ft	Computati on Messages
559. 50	76. 40	Free Outfall H=1. 75; Htw=. 00; Qfree=76. 40;	
559. 60	83. 04	Free Outfall H=1. 85; Htw=. 00; Qfree=83. 04;	
559. 70	89. 86	Free Outfall H=1. 95; Htw=. 00; Qfree=89. 86;	
559. 80	96. 86	Free Outfall H=2. 05; Htw=. 00; Qfree=96. 86;	
559. 90	104. 03	Free Outfall H=2. 15; Htw=. 00; Qfree=104. 03;	
560. 00	111. 38	Free Outfall H=2. 25; Htw=. 00; Qfree=111. 38;	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type . . . Composite Rating Curve  
 Name . . . Outlet 6

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File . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND 4. PPW

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

WS Elev, Total Q	Converge		Notes
Elev. ft	Q cfs	TW Elev Error ft +/-ft	Contri buti ng Structures
546. 00	. 00	Free Outfall	None contri buti ng
546. 10	. 00	Free Outfall	None contri buti ng
546. 20	. 00	Free Outfall	None contri buti ng
546. 30	. 00	Free Outfall	None contri buti ng
546. 40	. 00	Free Outfall	None contri buti ng
546. 50	. 00	Free Outfall	None contri buti ng
546. 60	. 00	Free Outfall	None contri buti ng
546. 70	. 00	Free Outfall	None contri buti ng
546. 80	. 00	Free Outfall	None contri buti ng
546. 90	. 00	Free Outfall	None contri buti ng
547. 00	. 00	Free Outfall	None contri buti ng
547. 10	. 00	Free Outfall	None contri buti ng
547. 20	. 00	Free Outfall	None contri buti ng
547. 30	. 00	Free Outfall	None contri buti ng

asbuilt basin 1 2 and 4.txt

547.40	.00	Free	Outfall	None	contributing
547.50	.00	Free	Outfall	None	contributing
547.60	.00	Free	Outfall	None	contributing
547.70	.00	Free	Outfall	None	contributing
547.80	.00	Free	Outfall	None	contributing
547.90	.00	Free	Outfall	None	contributing
548.00	.00	Free	Outfall	None	contributing
548.10	.00	Free	Outfall	None	contributing
548.20	.00	Free	Outfall	None	contributing
548.30	.00	Free	Outfall	None	contributing
548.40	.00	Free	Outfall	None	contributing
548.50	.00	Free	Outfall	None	contributing
548.60	.00	Free	Outfall	None	contributing
548.70	.00	Free	Outfall	LF	
548.80	.05	Free	Outfall	LF	
548.90	.13	Free	Outfall	LF	
549.00	.25	Free	Outfall	LF	
549.10	.38	Free	Outfall	LF	
549.20	.53	Free	Outfall	LF	
549.30	.70	Free	Outfall	LF	
549.40	.88	Free	Outfall	LF	
549.50	1.07	Free	Outfall	LF	
549.60	1.28	Free	Outfall	LF	
549.70	1.50	Free	Outfall	LF	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Composite Rating Curve  
Name... Outlet 6

Page 15.524

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4.PPW

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

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
549.80	1.73	Free	Outfall	LF
549.90	1.97	Free	Outfall	LF
550.00	2.15	Free	Outfall	L0
550.10	2.28	Free	Outfall	L0
550.20	2.41	Free	Outfall	L0
550.30	2.52	Free	Outfall	L0
550.40	2.64	Free	Outfall	L0
550.50	2.74	Free	Outfall	L0
550.60	2.85	Free	Outfall	L0
550.70	2.95	Free	Outfall	L0
550.80	3.04	Free	Outfall	L0
550.90	3.14	Free	Outfall	L0
551.00	3.23	Free	Outfall	L0
551.10	3.32	Free	Outfall	L0
551.20	3.40	Free	Outfall	L0
551.30	3.49	Free	Outfall	L0
551.40	3.57	Free	Outfall	L0
551.50	3.65	Free	Outfall	L0
551.60	3.73	Free	Outfall	L0
551.70	3.81	Free	Outfall	L0
551.80	3.88	Free	Outfall	L0

asbuilt basin 1 2 and 4.txt

551.90	3.95	Free	Outfall	L0
552.00	4.03	Free	Outfall	L0
552.10	4.10	Free	Outfall	L0
552.20	4.17	Free	Outfall	L0
552.30	4.24	Free	Outfall	L0
552.40	4.30	Free	Outfall	L0
552.50	4.37	Free	Outfall	L0
552.60	4.44	Free	Outfall	L0
552.70	4.50	Free	Outfall	L0
552.80	4.57	Free	Outfall	L0
552.90	4.63	Free	Outfall	L0
553.00	4.69	Free	Outfall	L0
553.10	4.75	Free	Outfall	L0
553.20	4.81	Free	Outfall	L0
553.30	4.87	Free	Outfall	L0
553.40	4.93	Free	Outfall	L0
553.50	4.99	Free	Outfall	L0

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Composite Rating Curve  
Name... Outlet 6

Page 15.525

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4.PPW

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

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
553.60	5.05	Free	Outfall	L0
553.70	5.10	Free	Outfall	L0
553.80	5.16	Free	Outfall	L0
553.90	5.22	Free	Outfall	L0
554.00	5.27	Free	Outfall	L0
554.10	5.33	Free	Outfall	L0
554.20	5.38	Free	Outfall	L0
554.30	5.43	Free	Outfall	L0
554.40	5.49	Free	Outfall	L0
554.50	5.54	Free	Outfall	L0
554.60	5.59	Free	Outfall	L0
554.70	5.64	Free	Outfall	L0
554.80	5.69	Free	Outfall	L0
554.90	5.75	Free	Outfall	L0
555.00	5.80	Free	Outfall	L0
555.10	5.85	Free	Outfall	L0
555.20	5.89	Free	Outfall	L0
555.30	5.94	Free	Outfall	L0
555.40	5.99	Free	Outfall	L0
555.50	6.04	Free	Outfall	L0
555.60	6.09	Free	Outfall	L0
555.70	6.14	Free	Outfall	L0
555.80	6.18	Free	Outfall	L0
555.90	6.23	Free	Outfall	L0
556.00	6.28	Free	Outfall	L0
556.10	6.32	Free	Outfall	L0
556.20	6.37	Free	Outfall	L0
556.30	6.41	Free	Outfall	L0



asbuilt basin 1 2 and 4.txt

556.40	6.46	Free	Outfall	LO
556.50	6.50	Free	Outfall	LO
556.60	6.55	Free	Outfall	LO
556.70	6.59	Free	Outfall	LO
556.80	6.63	Free	Outfall	LO
556.90	6.68	Free	Outfall	LO
557.00	6.72	Free	Outfall	LO
557.10	6.76	Free	Outfall	LO
557.20	6.81	Free	Outfall	LO
557.30	6.85	Free	Outfall	LO

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Composite Rating Curve  
Name... Outlet 6

Page 15.526

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW

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

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
557.40	6.89	Free	Outfall	LO
557.50	6.93	Free	Outfall	LO
557.60	6.97	Free	Outfall	LO
557.70	7.02	Free	Outfall	LO
557.75	7.04	Free	Outfall	LO +OF
557.80	7.43	Free	Outfall	LO +OF
557.90	9.02	Free	Outfall	LO +OF
558.00	11.26	Free	Outfall	LO +OF
558.10	14.01	Free	Outfall	LO +OF
558.20	17.18	Free	Outfall	LO +OF
558.30	20.72	Free	Outfall	LO +OF
558.40	24.59	Free	Outfall	LO +OF
558.50	28.77	Free	Outfall	LO +OF
558.60	33.24	Free	Outfall	LO +OF
558.70	37.97	Free	Outfall	LO +OF
558.80	42.96	Free	Outfall	LO +OF
558.90	48.19	Free	Outfall	LO +OF
559.00	53.65	Free	Outfall	LO +OF
559.10	59.33	Free	Outfall	LO +OF
559.20	65.23	Free	Outfall	LO +OF
559.30	71.33	Free	Outfall	LO +OF
559.40	77.63	Free	Outfall	LO +OF
559.50	84.12	Free	Outfall	LO +OF
559.60	90.80	Free	Outfall	LO +OF
559.70	97.66	Free	Outfall	LO +OF
559.80	104.69	Free	Outfall	LO +OF
559.90	111.91	Free	Outfall	LO +OF
560.00	119.28	Free	Outfall	LO +OF

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond E-V-Q Table  
Name... BASIN2

Page 16.01

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
Page 1049

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - BASIN2 IN 15  
 Outflow HYG file = NONE STORED - BASIN2 OUT 15

Pond Node Data = BASIN2  
 Pond Volume Data = BASIN2  
 Pond Outlet Data = Outlet 2

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 572.99 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
572.99	.00	0	1	.00	.00	.00
573.09	.03	0	2	.00	.03	.04
573.19	.18	0	2	.00	.18	.18
573.29	.43	1	3	.00	.43	.43
573.39	.75	1	4	.00	.75	.76
573.49	1.16	1	5	.00	1.16	1.17
573.59	1.64	3	27	.00	1.64	1.67
573.69	2.21	8	73	.00	2.21	2.30
573.79	2.85	18	142	.00	2.85	3.05
573.89	3.56	37	232	.00	3.56	3.97
573.99	4.33	65	345	.00	4.33	5.05
574.09	5.15	107	501	.00	5.15	6.34
574.19	6.04	166	689	.00	6.04	7.89
574.29	6.98	246	907	.00	6.98	9.72
574.39	7.97	349	1155	.00	7.97	11.85
574.49	9.01	478	1433	.00	9.01	14.32
574.59	10.07	636	1741	.00	10.07	17.14
574.69	11.16	827	2079	.00	11.16	20.35
574.79	12.29	1053	2446	.00	12.29	23.99
574.89	13.44	1317	2844	.00	13.44	28.08

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond E-V-Q Table

Page 16.02

Name... BASIN2

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - BASIN2 IN 15  
 Outflow HYG file = NONE STORED - BASIN2 OUT 15

Pond Node Data = BASIN2  
 Pond Volume Data = BASIN2

asbuilt basin 1 2 and 4.txt

Pond Outlet Data = Outlet 2

No Infiltration

INITIAL CONDITIONS

```

-----
Starting WS Elev   = 572.99 ft
Starting Volume   = 0 cu. ft
Starting Outflow  = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout = .00 cfs
Time Increment    = .0500 hrs

```

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
574.99	15.12	1623	3272	.00	15.12	33.15
575.09	15.86	1973	3729	.00	15.86	37.78
575.19	16.56	2370	4217	.00	16.56	42.90
575.29	17.24	2817	4735	.00	17.24	48.54
575.39	17.89	3318	5282	.00	17.89	54.76
575.49	18.52	3875	5859	.00	18.52	61.57
575.59	19.13	4490	6467	.00	19.13	69.02
575.69	19.71	5169	7104	.00	19.71	77.15
575.79	20.29	5912	7771	.00	20.29	85.98
575.89	20.84	6724	8469	.00	20.84	95.56
575.99	21.38	7607	9196	.00	21.38	105.91
576.09	21.91	8539	9391	.00	21.91	116.79
576.19	22.43	9485	9526	.00	22.43	127.82
576.29	22.93	10444	9662	.00	22.93	138.98
576.39	23.42	11418	9799	.00	23.42	150.29
576.49	23.91	12404	9937	.00	23.91	161.73
576.59	24.38	13405	10076	.00	24.38	173.32
576.69	24.85	14420	10216	.00	24.85	185.06
576.79	25.30	15448	10357	.00	25.30	196.95
576.89	25.75	16491	10499	.00	25.75	208.99

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond E-V-Q Table

Page 16.03

Name... BASIN2

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

```

HYG Dir           = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\
Inflow HYG file  = NONE STORED - BASIN2      IN 15
Outflow HYG file = NONE STORED - BASIN2      OUT 15

```

```

Pond Node Data = BASIN2
Pond Volume Data = BASIN2
Pond Outlet Data = Outlet 2

```

No Infiltration

INITIAL CONDITIONS

```

-----
Starting WS Elev   = 572.99 ft
Starting Volume   = 0 cu. ft
Starting Outflow  = .00 cfs
Starting Infiltr. = .00 cfs

```

Starting Total Qout= asbuilt basin 1 2 and 4.txt  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
576.99	26.19	17548	10642	.00	26.19	221.17
577.09	26.62	18619	10786	.00	26.62	233.50
577.19	27.05	19705	10931	.00	27.05	246.00
577.29	27.47	20805	11076	.00	27.47	258.64
577.39	27.88	21921	11223	.00	27.88	271.45
577.49	28.29	23050	11371	.00	28.29	284.40
577.59	28.69	24194	11519	.00	28.69	297.52
577.69	29.09	25354	11669	.00	29.09	310.80
577.79	29.48	26528	11820	.00	29.48	324.23
577.89	29.86	27718	11971	.00	29.86	337.84
577.99	30.24	28923	12124	.00	30.24	351.61
578.09	30.62	30143	12278	.00	30.62	365.53
578.19	30.99	31379	12433	.00	30.99	379.64
578.29	31.35	32629	12590	.00	31.35	393.90
578.39	31.72	33897	12747	.00	31.72	408.35
578.49	32.08	35179	12905	.00	32.08	422.95
578.59	32.43	36477	13065	.00	32.43	437.73
578.69	32.78	37792	13225	.00	32.78	452.69
578.79	33.13	39122	13386	.00	33.13	467.82
578.89	33.47	40470	13549	.00	33.47	483.13

S/N:  
 PondPack Ver: Compute Time: Date:

Type... Pond E-V-Q Table Page 16.04  
 Name... BASIN2  
 File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - BASIN2 IN 15  
 Outflow HYG file = NONE STORED - BASIN2 OUT 15

Pond Node Data = BASIN2  
 Pond Volume Data = BASIN2  
 Pond Outlet Data = Outlet 2

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 572.99 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout= .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
578.99	33.81	41832	13712	.00	33.81	498.61
579.09	34.15	43211	13876	.00	34.15	514.27
579.19	34.48	44608	14041	.00	34.48	530.12
579.29	34.81	46020	14207	.00	34.81	546.14

asbuilt basin 1 2 and 4.txt

579.39	35.14	47449	14374	.00	35.14	562.35
579.49	35.46	48895	14542	.00	35.46	578.74
579.59	35.78	50357	14712	.00	35.78	595.31
579.69	36.10	51837	14882	.00	36.10	612.07
579.79	36.42	53334	15053	.00	36.42	629.01
579.89	36.73	54848	15225	.00	36.73	646.15
579.99	37.04	56379	15398	.00	37.04	663.47
580.09	37.35	57927	15569	.00	37.35	680.98
580.19	37.65	59493	15740	.00	37.65	698.68
580.29	37.95	61075	15913	.00	37.95	716.56
580.39	38.25	62676	16087	.00	38.25	734.65
580.49	38.55	64293	16261	.00	38.55	752.91
580.59	38.85	65927	16437	.00	38.85	771.37
580.69	39.14	67580	16613	.00	39.14	790.03
580.79	39.43	69250	16790	.00	39.43	808.87
580.89	39.72	70939	16969	.00	39.72	827.92

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Pond E-V-Q Table

Page 16.05

Name. . . . BASIN2

File. . . . \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - BASIN2 IN 15  
 Outflow HYG file = NONE STORED - BASIN2 OUT 15

Pond Node Data = BASIN2  
 Pond Volume Data = BASIN2  
 Pond Outlet Data = Outlet 2

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 572.99 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
580.99	40.01	72644	17148	.00	40.01	847.16
581.09	40.29	74367	17328	.00	40.29	866.59
581.19	40.57	76110	17509	.00	40.57	886.24
581.29	40.85	77869	17691	.00	40.85	906.07
581.39	44.17	79648	17874	.00	44.17	929.15
581.49	50.00	81444	18058	.00	50.00	954.94
581.59	57.46	83259	18243	.00	57.46	982.56
581.69	66.25	85093	18429	.00	66.25	1011.73
581.79	76.17	86945	18616	.00	76.17	1042.23
581.89	87.12	88817	18803	.00	87.12	1073.97
581.99	98.99	90706	18992	.00	98.99	1106.84
582.09	111.72	92614	19177	.00	111.72	1140.77
582.19	125.27	94542	19362	.00	125.27	1175.73
582.29	139.56	96487	19548	.00	139.56	1211.64

asbuilt basin 1 2 and 4.txt

582.39	154.58	98452	19735	.00	154.58	1248.49
582.49	170.28	100434	19923	.00	170.28	1286.22
582.59	186.63	102435	20112	.00	186.63	1324.80
582.69	203.63	104457	20301	.00	203.63	1364.26
582.79	221.22	106496	20492	.00	221.22	1404.51
582.89	239.41	108555	20683	.00	239.41	1445.58

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond E-V-Q Table

Page 16.06

Name... BASIN2

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - BASIN2 IN 15  
 Outflow HYG file = NONE STORED - BASIN2 OUT 15

Pond Node Data = BASIN2  
 Pond Volume Data = BASIN2  
 Pond Outlet Data = Outlet 2

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 572.99 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
582.99	258.15	110633	20876	.00	258.15	1487.40
583.00	260.06	110842	20895	.00	260.06	1491.63

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

Page 16.07

Name... BASIN2 IN

Event: 15 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

SUMMARY FOR HYDROGRAPH ADDITION  
 at Node: BASIN2 IN

HYG Directory: \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 =====

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ADDLINK 50	BASIN2		BASIN2	15

=====

asbuilt basin 1 2 and 4.txt

IN FLOWS TO:	BASIN2	IN	Volume	Peak Time	Peak Flow
HYG file	HYG ID	HYG tag	cu. ft	hrs	cfs
	BASIN2	15	273261	12.1000	75.00

TOTAL FLOW INTO:	BASIN2	IN	Volume	Peak Time	Peak Flow
HYG file	HYG ID	HYG tag	cu. ft	hrs	cfs
	BASIN2	IN 15	273261	12.1000	75.00

S/N: \_\_\_\_\_  
 PondPack Ver: \_\_\_\_\_ Compute Time: \_\_\_\_\_ Date: \_\_\_\_\_

♀  
 Type... Node: Pond Inflow Summary Page 16.08  
 Name... BASIN2 IN Event: 15 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... Type I 24hr Tag: 15

TOTAL NODE INFLOW...  
 HYG file = \_\_\_\_\_  
 HYG ID = BASIN2 IN  
 HYG Tag = 15  
 -----  
 Peak Discharge = 75.00 cfs  
 Time to Peak = 12.1000 hrs  
 HYG Volume = 273261 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
6. 6500	.00	.00	.00	.01	.01
6. 9000	.02	.03	.04	.04	.05
7. 1500	.06	.07	.08	.09	.11
7. 4000	.12	.13	.14	.15	.16
7. 6500	.17	.18	.20	.21	.22
7. 9000	.23	.24	.26	.27	.28
8. 1500	.29	.31	.32	.34	.36
8. 4000	.37	.39	.41	.43	.46
8. 6500	.48	.50	.53	.55	.58
8. 9000	.61	.63	.66	.69	.72
9. 1500	.75	.78	.80	.83	.85
9. 4000	.87	.89	.92	.94	.96
9. 6500	.98	1.00	1.03	1.07	1.10
9. 9000	1.14	1.19	1.23	1.28	1.33
10. 1500	1.38	1.44	1.50	1.56	1.63
10. 4000	1.70	1.77	1.85	1.93	2.01
10. 6500	2.10	2.20	2.30	2.41	2.53
10. 9000	2.65	2.79	2.92	3.07	3.23
11. 1500	3.40	3.59	3.81	4.06	4.34
11. 4000	4.64	4.96	5.31	5.79	6.53
11. 6500	7.89	10.10	13.63	18.62	25.82
11. 9000	35.61	47.80	60.60	70.42	75.00
12. 1500	73.29	66.28	56.74	47.15	38.73
12. 4000	32.18	27.21	23.34	20.19	17.64
12. 6500	15.55	13.84	12.46	11.35	10.45
12. 9000	9.73	9.12	8.60	8.14	7.74

asbuilt basin 1 2 and 4.txt

13. 1500	7. 39	7. 09	6. 84	6. 62	6. 42
13. 4000	6. 23	6. 06	5. 90	5. 74	5. 59
13. 6500	5. 44	5. 30	5. 17	5. 04	4. 92
13. 9000	4. 81	4. 70	4. 59	4. 48	4. 38
14. 1500	4. 28	4. 19	4. 11	4. 04	3. 98

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

Page 16.09

Name... BASIN2 IN

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
14. 4000	3. 92	3. 87	3. 83	3. 79	3. 75
14. 6500	3. 71	3. 67	3. 63	3. 59	3. 56
14. 9000	3. 52	3. 48	3. 45	3. 41	3. 37
15. 1500	3. 34	3. 30	3. 26	3. 23	3. 19
15. 4000	3. 16	3. 12	3. 08	3. 05	3. 01
15. 6500	2. 97	2. 94	2. 90	2. 86	2. 83
15. 9000	2. 79	2. 75	2. 72	2. 68	2. 64
16. 1500	2. 61	2. 58	2. 55	2. 52	2. 50
16. 4000	2. 48	2. 47	2. 45	2. 43	2. 42
16. 6500	2. 40	2. 39	2. 38	2. 36	2. 35
16. 9000	2. 34	2. 32	2. 31	2. 30	2. 28
17. 1500	2. 27	2. 26	2. 25	2. 23	2. 22
17. 4000	2. 21	2. 19	2. 18	2. 17	2. 15
17. 6500	2. 14	2. 13	2. 11	2. 10	2. 09
17. 9000	2. 07	2. 06	2. 05	2. 03	2. 02
18. 1500	2. 01	2. 00	1. 98	1. 97	1. 96
18. 4000	1. 94	1. 93	1. 92	1. 90	1. 89
18. 6500	1. 88	1. 86	1. 85	1. 84	1. 82
18. 9000	1. 81	1. 80	1. 78	1. 77	1. 76
19. 1500	1. 74	1. 73	1. 71	1. 70	1. 69
19. 4000	1. 67	1. 66	1. 65	1. 63	1. 62
19. 6500	1. 61	1. 59	1. 58	1. 57	1. 55
19. 9000	1. 54	1. 53	1. 51	1. 50	1. 49
20. 1500	1. 47	1. 46	1. 45	1. 45	1. 44
20. 4000	1. 43	1. 43	1. 42	1. 42	1. 42
20. 6500	1. 41	1. 41	1. 41	1. 41	1. 40
20. 9000	1. 40	1. 40	1. 40	1. 39	1. 39
21. 1500	1. 39	1. 38	1. 38	1. 38	1. 38
21. 4000	1. 37	1. 37	1. 37	1. 37	1. 36
21. 6500	1. 36	1. 36	1. 36	1. 35	1. 35
21. 9000	1. 35	1. 35	1. 34	1. 34	1. 34
22. 1500	1. 34	1. 33	1. 33	1. 33	1. 32
22. 4000	1. 32	1. 32	1. 32	1. 31	1. 31
22. 6500	1. 31	1. 31	1. 30	1. 30	1. 30
22. 9000	1. 30	1. 29	1. 29	1. 29	1. 29
23. 1500	1. 28	1. 28	1. 28	1. 27	1. 27
23. 4000	1. 27	1. 27	1. 26	1. 26	1. 26
23. 6500	1. 26	1. 25	1. 25	1. 25	1. 25
23. 9000	1. 24	1. 24	1. 24	1. 21	1. 15
24. 1500	1. 04	. 87	. 69	. 52	. 38
24. 4000	. 27	. 20	. 14	. 10	. 08
24. 6500	. 05	. 04	. 03	. 02	. 01
24. 9000	. 01	. 01	. 00	. 00	. 00
25. 1500	. 00				



asbuilt basin 1 2 and 4.txt

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

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Name... BASIN2 IN

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: BASIN2 IN

HYG Directory: \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ADDLINK 50	BASIN2		BASIN2	25

INFLOWS TO: BASIN2 IN			Volume	Peak Time	Peak Flow
HYG file	HYG ID	HYG tag	cu. ft	hrs	cfs
	BASIN2	25	312030	12.1000	85.53

TOTAL FLOW INTO: BASIN2 IN			Volume	Peak Time	Peak Flow
HYG file	HYG ID	HYG tag	cu. ft	hrs	cfs
	BASIN2	IN 25	312030	12.1000	85.53

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

Page 16.11

Name... BASIN2 IN

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TOTAL NODE INFLOW...

HYG file =  
HYG ID = BASIN2 IN  
HYG Tag = 25

Peak Discharge = 85.53 cfs  
Time to Peak = 12.1000 hrs  
HYG Volume = 312030 cu. ft

HYDROGRAPH ORDINATES (cfs)					
Output Time increment = .0500 hrs					
Time hrs	Time on left represents time for first value in each row.				
6.2500	.00	.00	.01	.01	.02
6.5000	.02	.03	.04	.05	.06
6.7500	.08	.09	.10	.11	.12
7.0000	.13	.15	.16	.17	.18

asbuilt basin 1 2 and 4.txt

7. 2500	. 20	. 21	. 22	. 23	. 25
7. 5000	. 26	. 27	. 29	. 30	. 31
7. 7500	. 33	. 34	. 36	. 37	. 38
8. 0000	. 40	. 41	. 43	. 44	. 46
8. 2500	. 48	. 50	. 52	. 54	. 56
8. 5000	. 59	. 62	. 64	. 67	. 70
8. 7500	. 73	. 76	. 79	. 82	. 86
9. 0000	. 89	. 92	. 96	. 99	1. 03
9. 2500	1. 06	1. 09	1. 11	1. 14	1. 16
9. 5000	1. 19	1. 21	1. 23	1. 26	1. 29
9. 7500	1. 32	1. 36	1. 40	1. 45	1. 50
10. 0000	1. 55	1. 61	1. 67	1. 73	1. 80
10. 2500	1. 87	1. 94	2. 02	2. 11	2. 19
10. 5000	2. 29	2. 38	2. 48	2. 58	2. 70
10. 7500	2. 82	2. 95	3. 09	3. 23	3. 39
11. 0000	3. 55	3. 72	3. 90	4. 10	4. 33
11. 2500	4. 59	4. 87	5. 20	5. 54	5. 92
11. 5000	6. 33	6. 88	7. 74	9. 33	11. 91
11. 7500	16. 01	21. 77	30. 05	41. 23	55. 07
12. 0000	69. 52	80. 52	85. 53	83. 41	75. 31
12. 2500	64. 39	53. 46	43. 87	36. 41	30. 76
12. 5000	26. 36	22. 78	19. 88	17. 51	15. 58
12. 7500	14. 01	12. 76	11. 75	10. 92	10. 24
13. 0000	9. 65	9. 14	8. 68	8. 29	7. 95
13. 2500	7. 67	7. 42	7. 19	6. 98	6. 79
13. 5000	6. 61	6. 43	6. 26	6. 09	5. 94
13. 7500	5. 79	5. 65	5. 51	5. 38	5. 26

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

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Name... BASIN2 IN

Event: 25 yr

File... \\serverpr\ PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
14. 0000	5. 14	5. 02	4. 90	4. 79	4. 69
14. 2500	4. 60	4. 52	4. 45	4. 39	4. 33
14. 5000	4. 28	4. 24	4. 19	4. 15	4. 10
14. 7500	4. 06	4. 02	3. 98	3. 94	3. 89
15. 0000	3. 85	3. 81	3. 77	3. 73	3. 69
15. 2500	3. 65	3. 61	3. 57	3. 53	3. 49
15. 5000	3. 44	3. 40	3. 36	3. 32	3. 28
15. 7500	3. 24	3. 20	3. 16	3. 12	3. 07
16. 0000	3. 03	2. 99	2. 95	2. 91	2. 88
16. 2500	2. 85	2. 82	2. 79	2. 77	2. 75
16. 5000	2. 73	2. 72	2. 70	2. 68	2. 67
16. 7500	2. 65	2. 64	2. 62	2. 61	2. 59
17. 0000	2. 58	2. 56	2. 55	2. 54	2. 52
17. 2500	2. 51	2. 49	2. 48	2. 46	2. 45
17. 5000	2. 43	2. 42	2. 40	2. 39	2. 37
17. 7500	2. 36	2. 34	2. 33	2. 31	2. 30
18. 0000	2. 29	2. 27	2. 26	2. 24	2. 23
18. 2500	2. 21	2. 20	2. 18	2. 17	2. 15
18. 5000	2. 14	2. 12	2. 11	2. 09	2. 08
18. 7500	2. 06	2. 05	2. 03	2. 02	2. 00
19. 0000	1. 99	1. 97	1. 96	1. 94	1. 93
19. 2500	1. 91	1. 90	1. 88	1. 87	1. 85

asbuilt basin 1 2 and 4.txt

19. 5000	1. 84	1. 82	1. 81	1. 79	1. 78
19. 7500	1. 76	1. 75	1. 73	1. 72	1. 70
20. 0000	1. 69	1. 67	1. 66	1. 64	1. 63
20. 2500	1. 62	1. 61	1. 60	1. 60	1. 59
20. 5000	1. 59	1. 58	1. 58	1. 58	1. 57
20. 7500	1. 57	1. 57	1. 56	1. 56	1. 56
21. 0000	1. 55	1. 55	1. 55	1. 55	1. 54
21. 2500	1. 54	1. 54	1. 53	1. 53	1. 53
21. 5000	1. 53	1. 52	1. 52	1. 52	1. 51
21. 7500	1. 51	1. 51	1. 51	1. 50	1. 50
22. 0000	1. 50	1. 49	1. 49	1. 49	1. 48
22. 2500	1. 48	1. 48	1. 48	1. 47	1. 47
22. 5000	1. 47	1. 46	1. 46	1. 46	1. 46
22. 7500	1. 45	1. 45	1. 45	1. 44	1. 44
23. 0000	1. 44	1. 43	1. 43	1. 43	1. 43
23. 2500	1. 42	1. 42	1. 42	1. 41	1. 41
23. 5000	1. 41	1. 41	1. 40	1. 40	1. 40
23. 7500	1. 39	1. 39	1. 39	1. 38	1. 38
24. 0000	1. 38	1. 35	1. 28	1. 15	. 97
24. 2500	. 77	. 58	. 43	. 31	. 22
24. 5000	. 16	. 12	. 08	. 06	. 04
24. 7500	. 03	. 02	. 02	. 01	. 01
25. 0000	. 00	. 00	. 00	. 00	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

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Name... BASI N2 IN

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASI N 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: BASI N2 IN

HYG Di rectory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ADDLINK 50	BASI N2		BASI N2	100

INFLOWS TO: BASI N2 IN			Volume	Peak Time	Peak Flow
HYG file	HYG ID	HYG tag	cu. ft	hrs	cfs
	BASI N2	100	415166	12. 1000	113. 14

TOTAL FLOW INTO: BASI N2 IN			Volume	Peak Time	Peak Flow
HYG file	HYG ID	HYG tag	cu. ft	hrs	cfs
	BASI N2	IN 100	415166	12. 1000	113. 14

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

Page 16. 14

Name... BASI N2 IN

Event: 100 yr

asbuilt basin 1 2 and 4.txt

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW Storm... Type I 24hr Tag: 100

TOTAL NODE INFLOW...  
 HYG file =  
 HYG ID = BASIN2 IN  
 HYG Tag = 100

-----  
 Peak Discharge = 113.14 cfs  
 Time to Peak = 12.1000 hrs  
 HYG Volume = 415166 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
5. 3500	.00	.00	.01	.01	.02
5. 6000	.03	.04	.05	.06	.07
5. 8500	.09	.10	.12	.13	.14
6. 1000	.16	.17	.19	.21	.22
6. 3500	.24	.25	.27	.29	.30
6. 6000	.32	.33	.35	.37	.38
6. 8500	.40	.42	.44	.45	.47
7. 1000	.49	.51	.52	.54	.56
7. 3500	.58	.60	.61	.63	.65
7. 6000	.67	.69	.71	.73	.74
7. 8500	.76	.78	.80	.82	.84
8. 1000	.86	.88	.91	.93	.96
8. 3500	1.00	1.03	1.07	1.10	1.14
8. 6000	1.18	1.23	1.27	1.32	1.36
8. 8500	1.41	1.46	1.50	1.55	1.61
9. 1000	1.66	1.70	1.75	1.79	1.83
9. 3500	1.87	1.90	1.94	1.97	1.99
9. 6000	2.02	2.06	2.10	2.14	2.20
9. 8500	2.26	2.32	2.40	2.47	2.55
10. 1000	2.63	2.72	2.82	2.92	3.03
10. 3500	3.14	3.26	3.38	3.51	3.64
10. 6000	3.78	3.93	4.08	4.25	4.43
10. 8500	4.63	4.83	5.05	5.27	5.51
11. 1000	5.76	6.04	6.35	6.70	7.10
11. 3500	7.55	8.03	8.54	9.10	9.86
11. 6000	11.05	13.24	16.78	22.39	30.21
11. 8500	41.33	56.16	74.30	93.04	107.06
12. 1000	113.14	109.91	98.94	84.40	69.92
12. 3500	57.27	47.45	40.01	34.23	29.53
12. 6000	25.73	22.63	20.10	18.06	16.42
12. 8500	15.11	14.04	13.15	12.38	11.71

S/N:  
 PondPack Ver: Compute Time: Date:

Type... Node: Pond Inflow Summary Page 16.15  
 Name... BASIN2 IN Event: 100 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.  
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asbuilt basin 1 2 and 4.txt

13. 1000	11.12	10.61	10.18	9.81	9.49
13. 3500	9.20	8.93	8.68	8.44	8.22
13. 6000	8.00	7.79	7.59	7.39	7.21
13. 8500	7.04	6.87	6.71	6.55	6.40
14. 1000	6.25	6.11	5.98	5.87	5.77
14. 3500	5.68	5.60	5.53	5.46	5.40
14. 6000	5.34	5.28	5.23	5.17	5.12
14. 8500	5.06	5.01	4.96	4.91	4.85
15. 1000	4.80	4.75	4.70	4.64	4.59
15. 3500	4.54	4.49	4.43	4.38	4.33
15. 6000	4.28	4.22	4.17	4.12	4.07
15. 8500	4.01	3.96	3.91	3.86	3.80
16. 1000	3.75	3.70	3.66	3.62	3.58
16. 3500	3.55	3.52	3.50	3.47	3.45
16. 6000	3.43	3.41	3.39	3.37	3.35
16. 8500	3.33	3.31	3.29	3.27	3.26
17. 1000	3.24	3.22	3.20	3.18	3.16
17. 3500	3.14	3.12	3.11	3.09	3.07
17. 6000	3.05	3.03	3.01	2.99	2.97
17. 8500	2.96	2.94	2.92	2.90	2.88
18. 1000	2.86	2.84	2.82	2.80	2.78
18. 3500	2.77	2.75	2.73	2.71	2.69
18. 6000	2.67	2.65	2.63	2.61	2.59
18. 8500	2.58	2.56	2.54	2.52	2.50
19. 1000	2.48	2.46	2.44	2.42	2.40
19. 3500	2.38	2.37	2.35	2.33	2.31
19. 6000	2.29	2.27	2.25	2.23	2.21
19. 8500	2.19	2.17	2.15	2.14	2.12
20. 1000	2.10	2.08	2.07	2.05	2.04
20. 3500	2.03	2.02	2.02	2.01	2.00
20. 6000	2.00	2.00	1.99	1.99	1.98
20. 8500	1.98	1.97	1.97	1.97	1.96
21. 1000	1.96	1.96	1.95	1.95	1.94
21. 3500	1.94	1.94	1.93	1.93	1.93
21. 6000	1.92	1.92	1.91	1.91	1.91
21. 8500	1.90	1.90	1.90	1.89	1.89
22. 1000	1.89	1.88	1.88	1.87	1.87
22. 3500	1.87	1.86	1.86	1.85	1.85
22. 6000	1.85	1.84	1.84	1.84	1.83
22. 8500	1.83	1.82	1.82	1.82	1.81
23. 1000	1.81	1.81	1.80	1.80	1.79
23. 3500	1.79	1.79	1.78	1.78	1.78
23. 6000	1.77	1.77	1.76	1.76	1.76
23. 8500	1.75	1.75	1.75	1.74	1.71
24. 1000	1.62	1.46	1.23	.98	.74

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Node: Pond Inflow Summary

Page 16.16

Name... BASIN2 IN

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
24. 3500	.54	.39	.28	.20	.15
24. 6000	.11	.08	.05	.04	.03
24. 8500	.02	.01	.01	.01	.00

25.1000 | .00 asbuilt basin 1 2 and 4.txt  
.00 .00

S/N:  
PondPack Ver: Compute Time: Date:

♀  
Type... Pond Routing Summary Page 16.17  
Name... BASIN2 OUT Tag: 15 Event: 15 yr  
File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW  
Storm... Type I 24hr Tag: 15

LEVEL POOL ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
Inflow HYG file = NONE STORED - BASIN2 IN 15  
Outflow HYG file = NONE STORED - BASIN2 OUT 15

Pond Node Data = BASIN2  
Pond Volume Data = BASIN2  
Pond Outlet Data = Outlet 2

No Infiltration

INITIAL CONDITIONS

-----  
Starting WS Elev = 572.99 ft  
Starting Volume = 0 cu. ft  
Starting Outflow = .00 cfs  
Starting Infiltr. = .00 cfs  
Starting Total Qout = .00 cfs  
Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====  
Peak Inflow = 75.00 cfs at 12.1000 hrs  
Peak Outflow = 36.22 cfs at 12.3500 hrs  
-----  
Peak Elevation = 579.73 ft  
Peak Storage = 52419 cu. ft  
=====

MASS BALANCE (cu. ft)

-----  
+ Initial Vol = 0  
+ HYG Vol IN = 273261  
- Infiltration = 0  
- HYG Vol OUT = 273261  
- Retained Vol = 0  
-----  
Unrouted Vol = 0 cu. ft (.000% of Outflow Volume)

S/N:  
PondPack Ver: Compute Time: Date:

♀  
Type... Pond Routed HYG (total out) Page 16.18  
Name... BASIN2 OUT Tag: 15 Event: 15 yr  
File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW  
Storm... Type I 24hr Tag: 15

asbuilt basin 1 2 and 4.txt

POND ROUTED TOTAL OUTFLOW HYG...

HYG file =  
 HYG ID = BASIN2           OUT  
 HYG Tag =     15

-----  
 Peak Discharge =       36.22 cfs  
 Time to Peak    =       12.3500 hrs  
 HYG Volume     =       273261 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
6. 6500	.00	.00	.00	.01	.01
6. 9000	.02	.02	.03	.04	.05
7. 1500	.06	.07	.08	.09	.10
7. 4000	.11	.12	.13	.14	.16
7. 6500	.17	.18	.19	.20	.21
7. 9000	.23	.24	.25	.26	.27
8. 1500	.29	.30	.31	.33	.35
8. 4000	.36	.38	.40	.42	.45
8. 6500	.47	.49	.52	.54	.57
8. 9000	.59	.62	.65	.68	.70
9. 1500	.73	.76	.79	.81	.84
9. 4000	.86	.88	.90	.93	.95
9. 6500	.97	.99	1.02	1.05	1.08
9. 9000	1.12	1.16	1.21	1.25	1.30
10. 1500	1.35	1.41	1.47	1.53	1.59
10. 4000	1.66	1.73	1.81	1.89	1.97
10. 6500	2.06	2.15	2.25	2.35	2.47
10. 9000	2.59	2.72	2.85	3.00	3.15
11. 1500	3.31	3.50	3.70	3.94	4.20
11. 4000	4.49	4.80	5.13	5.55	6.16
11. 6500	7.21	8.99	11.87	14.82	17.06
11. 9000	19.51	22.00	24.77	27.66	30.32
12. 1500	32.54	34.20	35.32	35.96	36.22
12. 4000	36.19	35.95	35.54	34.99	34.33
12. 6500	33.57	32.71	31.78	30.76	29.67
12. 9000	28.52	27.31	26.04	24.71	23.33
13. 1500	21.90	20.36	18.42	15.75	9.31
13. 4000	6.32	6.15	5.98	5.82	5.66
13. 6500	5.51	5.37	5.24	5.11	4.98
13. 9000	4.87	4.75	4.64	4.53	4.43
14. 1500	4.33	4.24	4.15	4.08	4.01

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16.19

Name... BASIN2           OUT   Tag:   15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr   Tag:   15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
14. 4000	3.95	3.90	3.85	3.81	3.77
14. 6500	3.73	3.69	3.65	3.61	3.57

asbuilt basin 1 2 and 4.txt

14. 9000	3.54	3.50	3.46	3.43	3.39
15. 1500	3.36	3.32	3.28	3.25	3.21
15. 4000	3.17	3.14	3.10	3.06	3.03
15. 6500	2.99	2.95	2.92	2.88	2.84
15. 9000	2.81	2.77	2.73	2.70	2.66
16. 1500	2.63	2.59	2.56	2.54	2.51
16. 4000	2.49	2.47	2.46	2.44	2.43
16. 6500	2.41	2.40	2.38	2.37	2.36
16. 9000	2.34	2.33	2.32	2.30	2.29
17. 1500	2.28	2.27	2.25	2.24	2.23
17. 4000	2.21	2.20	2.19	2.17	2.16
17. 6500	2.15	2.13	2.12	2.11	2.09
17. 9000	2.08	2.07	2.05	2.04	2.03
18. 1500	2.02	2.00	1.99	1.98	1.96
18. 4000	1.95	1.94	1.92	1.91	1.90
18. 6500	1.88	1.87	1.86	1.84	1.83
18. 9000	1.82	1.80	1.79	1.78	1.76
19. 1500	1.75	1.74	1.72	1.71	1.69
19. 4000	1.68	1.67	1.65	1.64	1.63
19. 6500	1.61	1.60	1.59	1.57	1.56
19. 9000	1.55	1.53	1.52	1.51	1.49
20. 1500	1.48	1.47	1.46	1.45	1.44
20. 4000	1.44	1.43	1.43	1.42	1.42
20. 6500	1.42	1.41	1.41	1.41	1.40
20. 9000	1.40	1.40	1.40	1.39	1.39
21. 1500	1.39	1.39	1.38	1.38	1.38
21. 4000	1.38	1.37	1.37	1.37	1.37
21. 6500	1.36	1.36	1.36	1.35	1.35
21. 9000	1.35	1.35	1.34	1.34	1.34
22. 1500	1.34	1.33	1.33	1.33	1.33
22. 4000	1.32	1.32	1.32	1.32	1.31
22. 6500	1.31	1.31	1.31	1.30	1.30
22. 9000	1.30	1.29	1.29	1.29	1.29
23. 1500	1.28	1.28	1.28	1.28	1.27
23. 4000	1.27	1.27	1.27	1.26	1.26
23. 6500	1.26	1.26	1.25	1.25	1.25
23. 9000	1.24	1.24	1.24	1.22	1.18
24. 1500	1.09	.95	.78	.61	.45
24. 4000	.33	.24	.17	.12	.09
24. 6500	.06	.05	.03	.02	.02
24. 9000	.01	.01	.01	.00	.00
25. 1500	.00				

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routing Summary

Page 16.20

Name... BASIN2 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

LEVEL POOL ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Inflow HYG file = NONE STORED - BASIN2 IN 25

Outflow HYG file = NONE STORED - BASIN2 OUT 25

Pond Node Data = BASIN2

Pond Volume Data = BASIN2

Pond Outlet Data = Outlet 2

No Infiltration



INITIAL CONDITIONS

```
-----
Starting WS Elev   = 572.99 ft
Starting Volume    = 0 cu. ft
Starting Outflow   = .00 cfs
Starting Infiltr.  = .00 cfs
Starting Total Qout = .00 cfs
Time Increment     = .0500 hrs
```

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

```
=====
Peak Inflow       = 85.53 cfs at 12.1000 hrs
Peak Outflow      = 38.64 cfs at 12.4000 hrs
-----
Peak Elevation    = 580.52 ft
Peak Storage      = 64776 cu. ft
=====
```

MASS BALANCE (cu. ft)

```
-----
+ Initial Vol     = 0
+ HYG Vol IN      = 312030
- Infiltration    = 0
- HYG Vol OUT     = 312030
- Retained Vol    = 0
-----
Unrouted Vol = - cu. ft (.000% of Inflow Volume)
```

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16.21

Name... BASIN2 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

POND ROUTED TOTAL OUTFLOW HYG...

```
HYG file =
HYG ID = BASIN2 OUT
HYG Tag = 25
```

```
-----
Peak Discharge = 38.64 cfs
Time to Peak = 12.4000 hrs
HYG Volume = 312030 cu. ft
-----
```

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
6.2500	.00	.00	.00	.01	.01
6.5000	.02	.03	.04	.05	.06
6.7500	.07	.08	.09	.10	.12
7.0000	.13	.14	.15	.16	.18
7.2500	.19	.20	.22	.23	.24
7.5000	.25	.27	.28	.29	.31

asbuilt basin 1 2 and 4.txt

7. 7500	. 32	. 34	. 35	. 36	. 38
8. 0000	. 39	. 40	. 42	. 43	. 45
8. 2500	. 47	. 49	. 51	. 53	. 55
8. 5000	. 58	. 60	. 63	. 66	. 68
8. 7500	. 71	. 74	. 78	. 81	. 84
9. 0000	. 87	. 91	. 94	. 98	1. 01
9. 2500	1. 04	1. 07	1. 10	1. 13	1. 15
9. 5000	1. 18	1. 20	1. 22	1. 25	1. 27
9. 7500	1. 31	1. 34	1. 38	1. 43	1. 48
10. 0000	1. 53	1. 58	1. 64	1. 70	1. 77
10. 2500	1. 83	1. 91	1. 98	2. 07	2. 15
10. 5000	2. 24	2. 33	2. 43	2. 53	2. 64
10. 7500	2. 76	2. 88	3. 02	3. 16	3. 31
11. 0000	3. 47	3. 63	3. 81	4. 00	4. 22
11. 2500	4. 46	4. 73	5. 03	5. 37	5. 73
11. 5000	6. 12	6. 61	7. 31	8. 54	10. 62
11. 7500	13. 39	16. 01	18. 25	20. 72	23. 34
12. 0000	26. 37	29. 46	32. 26	34. 58	36. 33
12. 2500	37. 53	38. 25	38. 59	38. 64	38. 47
12. 5000	38. 15	37. 69	37. 13	36. 46	35. 72
12. 7500	34. 89	33. 99	33. 03	32. 01	30. 93
13. 0000	29. 79	28. 60	27. 35	26. 06	24. 71
13. 2500	23. 32	21. 88	20. 35	18. 42	15. 81
13. 5000	9. 62	6. 52	6. 34	6. 18	6. 02
13. 7500	5. 86	5. 72	5. 58	5. 45	5. 32

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Pond Routed HYG (total out)

Page 16. 22

Name... BASIN2 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
14. 0000	5. 20	5. 08	4. 96	4. 85	4. 74
14. 2500	4. 65	4. 56	4. 49	4. 42	4. 36
14. 5000	4. 31	4. 26	4. 21	4. 17	4. 12
14. 7500	4. 08	4. 04	4. 00	3. 96	3. 91
15. 0000	3. 87	3. 83	3. 79	3. 75	3. 71
15. 2500	3. 67	3. 63	3. 59	3. 55	3. 51
15. 5000	3. 47	3. 42	3. 38	3. 34	3. 30
15. 7500	3. 26	3. 22	3. 18	3. 14	3. 09
16. 0000	3. 05	3. 01	2. 97	2. 93	2. 90
16. 2500	2. 86	2. 83	2. 81	2. 78	2. 76
16. 5000	2. 74	2. 73	2. 71	2. 69	2. 68
16. 7500	2. 66	2. 65	2. 63	2. 62	2. 60
17. 0000	2. 59	2. 57	2. 56	2. 54	2. 53
17. 2500	2. 51	2. 50	2. 48	2. 47	2. 45
17. 5000	2. 44	2. 43	2. 41	2. 40	2. 38
17. 7500	2. 37	2. 35	2. 34	2. 32	2. 31
18. 0000	2. 29	2. 28	2. 26	2. 25	2. 23
18. 2500	2. 22	2. 20	2. 19	2. 17	2. 16
18. 5000	2. 14	2. 13	2. 11	2. 10	2. 08
18. 7500	2. 07	2. 05	2. 04	2. 02	2. 01
19. 0000	1. 99	1. 98	1. 96	1. 95	1. 93
19. 2500	1. 92	1. 90	1. 89	1. 87	1. 86
19. 5000	1. 84	1. 83	1. 81	1. 80	1. 78
19. 7500	1. 77	1. 75	1. 74	1. 72	1. 71

asbuilt basin 1 2 and 4.txt						
20. 0000	1. 69	1. 68	1. 66	1. 65	1. 64	
20. 2500	1. 63	1. 62	1. 61	1. 60	1. 60	
20. 5000	1. 59	1. 59	1. 58	1. 58	1. 57	
20. 7500	1. 57	1. 57	1. 57	1. 56	1. 56	
21. 0000	1. 56	1. 55	1. 55	1. 55	1. 54	
21. 2500	1. 54	1. 54	1. 54	1. 53	1. 53	
21. 5000	1. 53	1. 52	1. 52	1. 52	1. 52	
21. 7500	1. 51	1. 51	1. 51	1. 50	1. 50	
22. 0000	1. 50	1. 49	1. 49	1. 49	1. 49	
22. 2500	1. 48	1. 48	1. 48	1. 47	1. 47	
22. 5000	1. 47	1. 47	1. 46	1. 46	1. 46	
22. 7500	1. 45	1. 45	1. 45	1. 44	1. 44	
23. 0000	1. 44	1. 44	1. 43	1. 43	1. 43	
23. 2500	1. 42	1. 42	1. 42	1. 42	1. 41	
23. 5000	1. 41	1. 41	1. 40	1. 40	1. 40	
23. 7500	1. 39	1. 39	1. 39	1. 39	1. 38	
24. 0000	1. 38	1. 36	1. 32	1. 22	1. 06	
24. 2500	. 87	. 68	. 50	. 37	. 26	
24. 5000	. 19	. 14	. 10	. 07	. 05	
24. 7500	. 04	. 03	. 02	. 01	. 01	
25. 0000	. 01	. 00	. 00	. 00	. 00	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routing Summary

Page 16.23

Name... BASIN2 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 100

LEVEL POOL ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - BASIN2 IN 100  
 Outflow HYG file = NONE STORED - BASIN2 OUT 100

Pond Node Data = BASIN2  
 Pond Volume Data = BASIN2  
 Pond Outlet Data = Outlet 2

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 572.99 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====  
 Peak Inflow = 113.14 cfs at 12.1000 hrs  
 Peak Outflow = 74.18 cfs at 12.3000 hrs  
 -----  
 Peak Elevation = 581.77 ft  
 Peak Storage = 86573 cu. ft  
 =====

asbuilt basin 1 2 and 4.txt

MASS BALANCE (cu. ft)

```

-----
+ Initial Vol = 0
+ HYG Vol IN = 415166
- Infiltration = 0
- HYG Vol OUT = 415166
- Retained Vol = 0
-----

```

Unrouted Vol = - cu. ft (.000% of Inflow Volume)

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16.24

Name... BASIN2 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

POND ROUTED TOTAL OUTFLOW HYG...

```

HYG file =
HYG ID = BASIN2 OUT
HYG Tag = 100
-----

```

```

Peak Discharge = 74.18 cfs
Time to Peak = 12.3000 hrs
HYG Volume = 415166 cu. ft
-----

```

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
5. 3500	.00	.00	.00	.01	.01
5. 6000	.02	.03	.04	.05	.07
5. 8500	.08	.09	.11	.12	.14
6. 1000	.15	.17	.18	.20	.21
6. 3500	.23	.24	.26	.28	.29
6. 6000	.31	.33	.34	.36	.38
6. 8500	.39	.41	.43	.44	.46
7. 1000	.48	.50	.51	.53	.55
7. 3500	.57	.59	.60	.62	.64
7. 6000	.66	.68	.70	.72	.74
7. 8500	.75	.77	.79	.81	.83
8. 1000	.85	.87	.90	.92	.95
8. 3500	.98	1.01	1.05	1.09	1.12
8. 6000	1.16	1.21	1.25	1.29	1.34
8. 8500	1.38	1.43	1.48	1.53	1.58
9. 1000	1.63	1.68	1.73	1.77	1.81
9. 3500	1.85	1.89	1.92	1.95	1.98
9. 6000	2.01	2.04	2.08	2.12	2.17
9. 8500	2.23	2.29	2.36	2.43	2.51
10. 1000	2.59	2.68	2.77	2.87	2.97
10. 3500	3.08	3.20	3.32	3.44	3.57
10. 6000	3.71	3.85	4.00	4.17	4.34
10. 8500	4.53	4.73	4.94	5.16	5.39
11. 1000	5.63	5.90	6.19	6.53	6.90
11. 3500	7.32	7.79	8.28	8.82	9.48
11. 6000	10.45	12.14	14.08	16.31	18.47
11. 8500	20.85	23.47	26.67	30.17	33.59

asbuilt basin 1 2 and 4.txt

12. 1000	36. 65	39. 16	43. 15	68. 64	74. 18
12. 3500	67. 29	58. 22	50. 31	44. 30	40. 84
12. 6000	40. 46	39. 99	39. 43	38. 79	38. 09
12. 8500	37. 33	36. 52	35. 66	34. 75	33. 79

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Pond Routed HYG (total out)

Page 16.25

Name... BASIN2 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
13. 1000	32. 79	31. 73	30. 64	29. 50	28. 32
13. 3500	27. 10	25. 84	24. 54	23. 21	21. 85
13. 6000	20. 41	18. 64	16. 33	11. 75	7. 30
13. 8500	7. 13	6. 96	6. 79	6. 63	6. 48
14. 1000	6. 33	6. 18	6. 05	5. 93	5. 82
14. 3500	5. 72	5. 64	5. 56	5. 49	5. 43
14. 6000	5. 37	5. 31	5. 25	5. 20	5. 14
14. 8500	5. 09	5. 04	4. 99	4. 93	4. 88
15. 1000	4. 83	4. 78	4. 72	4. 67	4. 62
15. 3500	4. 57	4. 51	4. 46	4. 41	4. 36
15. 6000	4. 30	4. 25	4. 20	4. 15	4. 09
15. 8500	4. 04	3. 99	3. 93	3. 88	3. 83
16. 1000	3. 78	3. 73	3. 68	3. 64	3. 60
16. 3500	3. 57	3. 54	3. 51	3. 49	3. 46
16. 6000	3. 44	3. 42	3. 40	3. 38	3. 36
16. 8500	3. 34	3. 32	3. 30	3. 28	3. 27
17. 1000	3. 25	3. 23	3. 21	3. 19	3. 17
17. 3500	3. 15	3. 13	3. 12	3. 10	3. 08
17. 6000	3. 06	3. 04	3. 02	3. 00	2. 98
17. 8500	2. 96	2. 95	2. 93	2. 91	2. 89
18. 1000	2. 87	2. 85	2. 83	2. 81	2. 79
18. 3500	2. 78	2. 76	2. 74	2. 72	2. 70
18. 6000	2. 68	2. 66	2. 64	2. 62	2. 60
18. 8500	2. 59	2. 57	2. 55	2. 53	2. 51
19. 1000	2. 49	2. 47	2. 45	2. 43	2. 41
19. 3500	2. 39	2. 38	2. 36	2. 34	2. 32
19. 6000	2. 30	2. 28	2. 26	2. 24	2. 22
19. 8500	2. 20	2. 18	2. 16	2. 15	2. 13
20. 1000	2. 11	2. 09	2. 07	2. 06	2. 05
20. 3500	2. 04	2. 03	2. 02	2. 01	2. 01
20. 6000	2. 00	2. 00	1. 99	1. 99	1. 98
20. 8500	1. 98	1. 98	1. 97	1. 97	1. 97
21. 1000	1. 96	1. 96	1. 95	1. 95	1. 95
21. 3500	1. 94	1. 94	1. 94	1. 93	1. 93
21. 6000	1. 92	1. 92	1. 92	1. 91	1. 91
21. 8500	1. 91	1. 90	1. 90	1. 89	1. 89
22. 1000	1. 89	1. 88	1. 88	1. 88	1. 87
22. 3500	1. 87	1. 86	1. 86	1. 86	1. 85
22. 6000	1. 85	1. 85	1. 84	1. 84	1. 83
22. 8500	1. 83	1. 83	1. 82	1. 82	1. 82
23. 1000	1. 81	1. 81	1. 80	1. 80	1. 80
23. 3500	1. 79	1. 79	1. 79	1. 78	1. 78
23. 6000	1. 77	1. 77	1. 77	1. 76	1. 76
23. 8500	1. 76	1. 75	1. 75	1. 74	1. 72
24. 1000	1. 67	1. 54	1. 34	1. 10	. 86

asbuilt basin 1 2 and 4.txt

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16.26

Name... BASIN2 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
24.3500	.64	.46	.33	.24	.17
24.6000	.13	.09	.07	.05	.03
24.8500	.02	.02	.01	.01	.01
25.1000	.00	.00			

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... ICPM Node Routing Summary

Page 16.27

Name... BASIN3A Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

ICPM POND ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = BASIN3A IN 15  
 Outflow HYG file = BASIN3A OUT 15

Pond Node Data = BASIN3A  
 Pond Volume Data = BASIN3A  
 Pond Outlet Data = Outlet 3

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 565.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs

CALCULATION TOLERANCES

Target Convergence = .000 cfs +/-  
 Max. Iterations = 35 loops  
 ICPM Time Step = .0500 hrs  
 Output Time Step = .0500 hrs  
 ICPM Ending Time = 35.0000 hrs

MAXIMUM STORAGE

Tp, hrs	Elev, ft	Vol, cu. ft
12.5000	571.42	159214

FORWARD FLOW PEAKS

REVERSE FLOW PEAKS

	Tp, hrs	Qp, cfs	Tp, hrs	Qp, cfs
Pond Inflow...	12.1500	185.97	.0000	.00
Pond Outflow...	12.4500	79.47	.0000	.00

	TOTAL VOLUME IN		TOTAL VOLUME OUT	
	Vol, cu. ft	Direction	Vol, cu. ft	Direction
Pond Inflow.....	736751	Forward	0	Reverse
Pond Outflow....	0	Reverse	736788	Forward

MASS BALANCE (cu. ft)

+ Initial Vol.....	0	
+ Total Vol IN....	736751	
- Total Vol OUT....	736788	
- Ending Pond Vol.	1	<-- (At 35.0000 hrs Elev. = 565.00 ft)
Difference.....	-39 cu. ft	(.005% of Outflow Volume)

S/N:

PondPack Ver:

Compute Time:

Date:

Type.... ICPM Node Routing Summary

Page 16.28

Name.... BASIN3A Tag: 25

Event: 25 yr

File.... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 25

ICPM POND ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Inflow HYG file = BASIN3A IN 25  
 Outflow HYG file = BASIN3A OUT 25

Pond Node Data = BASIN3A  
 Pond Volume Data = BASIN3A  
 Pond Outlet Data = Outlet 3

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 565.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs

CALCULATION TOLERANCES

Target Convergence= .000 cfs +/-  
 Max. Iterations = 35 loops  
 ICPM Time Step = .0500 hrs  
 Output Time Step = .0500 hrs  
 ICPM Ending Time = 35.0000 hrs

MAXIMUM STORAGE

Tp, hrs	Elev, ft	Vol, cu. ft
12.5000	572.13	196899

FORWARD FLOW PEAKS

Tp, hrs	Qp, cfs
12.1500	216.84
12.4000	89.70

REVERSE FLOW PEAKS

Tp, hrs	Qp, cfs
.0000	.00
.0000	.00

Pond Inflow.....  
 Pond Outflow....

TOTAL VOLUME IN  
 Vol, cu. ft Direction

TOTAL VOLUME OUT  
 Vol, cu. ft Direction

asbuilt basin 1 2 and 4.txt

Pond Inflow.....	856233	Forward	0	Reverse
Pond Outflow....	0	Reverse	856276	Forward

MASS BALANCE (cu. ft)

+ Initial Vol.....	0	
+ Total Vol IN....	856233	
- Total Vol OUT...	856276	
- Ending Pond Vol.	1	<-- (At 35.0000 hrs Elev. = 565.00 ft)
Difference.....	-44 cu. ft	(.005% of Outflow Volume)

S/N:

PondPack Ver:

Compute Time:

Date:

Type.... ICPM Node Routing Summary

Page 16.29

Name.... BASIN3A Tag: 100

Event: 100 yr

File.... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

ICPM POND ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Inflow HYG file = BASIN3A IN 100  
 Outflow HYG file = BASIN3A OUT 100

Pond Node Data = BASIN3A  
 Pond Volume Data = BASIN3A  
 Pond Outlet Data = Outlet 3

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 565.00 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs

CALCULATION TOLERANCES

Target Convergence= .000 cfs +/-  
 Max. Iterations = 35 loops  
 ICPM Time Step = .0500 hrs  
 Output Time Step = .0500 hrs  
 ICPM Ending Time = 35.0000 hrs

MAXIMUM STORAGE

Tp, hrs	Elev, ft	Vol, cu. ft
12.5000	573.68	305395

FORWARD FLOW PEAKS

REVERSE FLOW PEAKS

	Tp, hrs	Qp, cfs	Tp, hrs	Qp, cfs
Pond Inflow.....	12.1500	299.42	.0000	.00
Pond Outflow....	12.4500	110.98	.0000	.00

TOTAL VOLUME IN

TOTAL VOLUME OUT

	Vol, cu. ft	Direction	Vol, cu. ft	Direction
Pond Inflow.....	1179491	Forward	0	Reverse



Pond Outflow . . . . . asbuilt basin 1 2 and 4.txt  
 0 Reverse 1179576 Forward

MASS BALANCE (cu. ft)

```

-----
+ Initial Vol . . . . . 0
+ Total Vol IN . . . . . 1179491
- Total Vol OUT . . . . . 1179576
- Ending Pond Vol . . . . . 1 <-- (At 35.0000 hrs Elev. = 565.00 ft)
-----
Difference . . . . . -85 cu. ft (.007% of Outflow Volume)
  
```

S/N:  
 PondPack Ver: Compute Time: Date:

‡  
 Type . . . . ICPM Node Routing Summary Page 16.30  
 Name . . . . BASIN3B Tag: 15 Event: 15 yr  
 File . . . . \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4.PPW  
 Storm . . . Type I 24hr Tag: 15

ICPM POND ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Inflow HYG file = BASIN3B IN 15  
 Outflow HYG file = BASIN3B OUT 15

Pond Node Data = BASIN3B  
 Pond Volume Data = BASIN3B  
 Pond Outlet Data = Outlet 4

No Infiltration

INITIAL CONDITIONS

```

-----
Starting WS Elev = 563.50 ft
Starting Volume = 0 cu. ft
Starting Outflow = .00 cfs
-----
  
```

CALCULATION TOLERANCES

```

-----
Target Convergence = .000 cfs +/-
Max. Iterations = 35 loops
ICPM Time Step = .0500 hrs
Output Time Step = .0500 hrs
ICPM Ending Time = 35.0000 hrs
-----
  
```

MAXIMUM STORAGE

Tp, hrs	Elev, ft	Vol, cu. ft
12.6000	568.16	29667

FORWARD FLOW PEAKS

Tp, hrs	Qp, cfs
12.4000	80.46
12.6000	77.37

REVERSE FLOW PEAKS

Tp, hrs	Qp, cfs
.0000	.00
.0000	.00

Pond Inflow . . . . .	12.4000	80.46	.0000	.00
Pond Outflow . . . . .	12.6000	77.37	.0000	.00

TOTAL VOLUME IN

Vol, cu. ft	Direction
747895	Forward
0	Reverse

TOTAL VOLUME OUT

Vol, cu. ft	Direction
0	Reverse
747917	Forward

Pond Inflow . . . . .	747895	Forward	0	Reverse
Pond Outflow . . . . .	0	Reverse	747917	Forward

asbuilt basin 1 2 and 4.txt

MASS BALANCE (cu. ft)

```

-----
+ Initial Vol.....          0
+ Total Vol IN....    747895
- Total Vol OUT....    747917
- Ending Pond Vol.    0 <-- (At 35.0000 hrs Elev. = 563.50 ft)
-----
Difference.....          -22 cu. ft (.003% of Outflow Volume)
    
```

S/N:

PondPack Ver:

Compute Time:

Date:

Type.... ICPM Node Routing Summary

Page 16.31

Name.... BASIN3B Tag: 25

Event: 25 yr

File.... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

ICPM POND ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Inflow HYG file = BASIN3B IN 25  
 Outflow HYG file = BASIN3B OUT 25

Pond Node Data = BASIN3B  
 Pond Volume Data = BASIN3B  
 Pond Outlet Data = Outlet 4

No Infiltration

INITIAL CONDITIONS

```

-----
Starting WS Elev = 563.50 ft
Starting Volume = 0 cu. ft
Starting Outflow = .00 cfs
-----
    
```

CALCULATION TOLERANCES

```

-----
Target Convergence= .000 cfs +/-
Max. Iterations = 35 loops
ICPM Time Step = .0500 hrs
Output Time Step = .0500 hrs
ICPM Ending Time = 35.0000 hrs
-----
    
```

MAXIMUM STORAGE

Tp, hrs	Elev, ft	Vol, cu. ft
12.6500	568.52	34199

FORWARD FLOW PEAKS

Tp, hrs	Qp, cfs
---------	---------

REVERSE FLOW PEAKS

Tp, hrs	Qp, cfs
---------	---------

Pond Inflow....	12.4000	90.87	.0000	.00
Pond Outflow....	12.6500	86.46	.0000	.00

TOTAL VOLUME IN

Vol, cu. ft	Direction
-------------	-----------

TOTAL VOLUME OUT

Vol, cu. ft	Direction
-------------	-----------

Pond Inflow....	869331	Forward	0	Reverse
Pond Outflow....	0	Reverse	869342	Forward

MASS BALANCE (cu. ft)

asbuilt basin 1 2 and 4.txt

```

-----
+ Initial Vol.....          0
+ Total Vol IN.....        869331
- Total Vol OUT.....       869342
- Ending Pond Vol.....      0 <-- (At 35.0000 hrs Elev. = 563.50 ft)
-----
Difference.....          -12 cu. ft (.001% of Outflow Volume)

```

S/N:  
PondPack Ver:                      Compute Time:                      Date:

♀  
Type.... ICPM Node Routing Summary                      Page 16.32  
Name.... BASIN3B                      Tag: 100                      Event: 100 yr  
File.... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
4. PPW  
Storm... TypeII 24hr Tag: 100

ICPM POND ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
Inflow HYG file = BASIN3B IN 100  
Outflow HYG file = BASIN3B OUT 100

Pond Node Data = BASIN3B  
Pond Volume Data = BASIN3B  
Pond Outlet Data = Outlet 4

No Infiltration

INITIAL CONDITIONS

```

-----
Starting WS Elev = 563.50 ft
Starting Volume = 0 cu. ft
Starting Outflow = .00 cfs
-----

```

CALCULATION TOLERANCES

```

-----
Target Convergence= .000 cfs +/-
Max. Iterations = 35 loops
ICPM Time Step = .0500 hrs
Output Time Step = .0500 hrs
ICPM Ending Time = 35.0000 hrs
-----

```

MAXIMUM STORAGE

Tp, hrs	Elev, ft	Vol, cu. ft
12.6500	569.20	42709

FORWARD FLOW PEAKS

Tp, hrs	Qp, cfs
12.4000	112.38
12.6500	109.60

REVERSE FLOW PEAKS

Tp, hrs	Qp, cfs
.0000	.00
.0000	.00

Pond Inflow.....  
Pond Outflow....

TOTAL VOLUME IN

Vol, cu. ft	Direction
1197962	Forward
0	Reverse

TOTAL VOLUME OUT

Vol, cu. ft	Direction
0	Reverse
1197985	Forward

MASS BALANCE (cu. ft)

```

-----
+ Initial Vol.....          0

```

asbuilt basin 1 2 and 4.txt

+ Total Vol IN.... 1197962  
 - Total Vol OUT... 1197985  
 - Ending Pond Vol. 0 <-- (At 35.0000 hrs Elev. = 563.50 ft)  
 -----  
 Difference..... -23 cu. ft (.002% of Outflow Volume)

S/N:  
 PondPack Ver: Compute Time: Date:

♀

Type.... Pond E-V-Q Table Page 16.33

Name.... BASIN4

File.... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - BASIN4 IN 15  
 Outflow HYG file = NONE STORED - BASIN4 OUT 15

Pond Node Data = BASIN4  
 Pond Volume Data = BASIN4  
 Pond Outlet Data = Outlet 5

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 578.50 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
578.50	.00	0	1	.00	.00	.00
578.60	.01	0	2	.00	.01	.01
578.70	.19	0	2	.00	.19	.20
578.80	.27	1	3	.00	.27	.27
578.90	.35	1	4	.00	.35	.36
579.00	.44	1	5	.00	.44	.46
579.10	.70	3	38	.00	.70	.74
579.20	1.05	10	103	.00	1.05	1.16
579.30	1.34	25	198	.00	1.34	1.61
579.40	1.66	51	324	.00	1.66	2.22
579.50	1.91	91	482	.00	1.91	2.92
579.60	2.22	148	671	.00	2.22	3.87
579.70	2.52	226	891	.00	2.52	5.03
579.80	2.86	327	1142	.00	2.86	6.50
579.90	3.12	455	1424	.00	3.12	8.18
580.00	3.46	613	1737	.00	3.46	10.27
580.10	3.82	793	1865	.00	3.82	12.63
580.20	4.11	986	1997	.00	4.11	15.07
580.30	4.36	1193	2134	.00	4.36	17.61
580.40	4.59	1413	2275	.00	4.59	20.29

S/N:  
 PondPack Ver: Compute Time: Date:

♀

Type... Pond E-V-Q Table

Name... BASIN4

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Inflow HYG file = NONE STORED - BASIN4 IN 15

Outflow HYG file = NONE STORED - BASIN4 OUT 15

Pond Node Data = BASIN4

Pond Volume Data = BASIN4

Pond Outlet Data = Outlet 5

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 578.50 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

El evati on ft	Outfl ow cfs	Storage cu. ft	Area sq. ft	Infi l t. cfs	Q Total cfs	2S/t + 0 cfs
580.50	4.76	1648	2421	.00	4.76	23.07
580.60	4.94	1897	2571	.00	4.94	26.02
580.70	5.13	2162	2726	.00	5.13	29.15
580.80	5.31	2443	2885	.00	5.31	32.45
580.90	5.49	2739	3049	.00	5.49	35.92
581.00	5.65	3053	3218	.00	5.65	39.57
581.10	5.82	3383	3391	.00	5.82	43.41
581.20	5.99	3731	3568	.00	5.99	47.44
581.30	6.15	4097	3750	.00	6.15	51.67
581.40	6.30	4481	3937	.00	6.30	56.09
581.50	6.45	4884	4128	.00	6.45	60.72
581.60	6.60	5307	4323	.00	6.60	65.57
581.70	6.75	5749	4523	.00	6.75	70.63
581.80	6.89	6212	4728	.00	6.89	75.91
581.90	7.03	6695	4937	.00	7.03	81.42
582.00	7.17	7199	5151	.00	7.17	87.16
582.10	7.31	7723	5329	.00	7.31	93.12
582.20	7.44	8265	5511	.00	7.44	99.28
582.30	7.57	8825	5695	.00	7.57	105.63
582.40	7.70	9404	5883	.00	7.70	112.20

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond E-V-Q Table

Name... BASIN4

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Inflow HYG file = NONE STORED - BASIN4 IN 15

Outflow HYG file = NONE STORED - BASIN4 OUT 15

asbuilt basin 1 2 and 4.txt

Pond Node Data = BASIN4  
 Pond Volume Data = BASIN4  
 Pond Outlet Data = Outlet 5

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 578.50 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
582.50	7.83	10002	6073	.00	7.83	118.96
582.60	7.95	10619	6266	.00	7.95	125.94
582.70	8.07	11256	6463	.00	8.07	133.13
582.80	8.19	11912	6663	.00	8.19	140.55
582.90	8.31	12588	6865	.00	8.31	148.18
583.00	8.43	13285	7071	.00	8.43	156.04
583.10	8.55	14002	7279	.00	8.55	164.13
583.20	8.66	14741	7491	.00	8.66	172.45
583.30	8.77	15501	7706	.00	8.77	181.00
583.40	8.88	16282	7924	.00	8.88	189.80
583.50	8.99	17085	8144	.00	8.99	198.83
583.60	9.10	17911	8368	.00	9.10	208.11
583.70	9.21	18759	8595	.00	9.21	217.65
583.80	9.32	19630	8825	.00	9.32	227.43
583.90	9.42	20525	9058	.00	9.42	237.48
584.00	9.53	21442	9294	.00	9.53	247.77
584.10	9.63	22383	9525	.00	9.63	258.33
584.20	9.73	23347	9760	.00	9.73	269.15
584.30	9.83	24335	9997	.00	9.83	280.22
584.40	9.93	25347	10237	.00	9.93	291.56

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond E-V-Q Table

Page 16.36

Name... BASIN4

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - BASIN4 IN 15  
 Outflow HYG file = NONE STORED - BASIN4 OUT 15

Pond Node Data = BASIN4  
 Pond Volume Data = BASIN4  
 Pond Outlet Data = Outlet 5

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 578.50 ft

```

Starting Volume = 0 cu. ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout = .00 cfs
Time Increment = .0500 hrs

```

El evati on ft	Outfl ow cfs	Storage cu. ft	Area sq. ft	Infil t. cfs	Q Total cfs	2S/t + 0 cfs
584. 50	10. 03	26383	10480	. 00	10. 03	303. 17
584. 60	10. 13	27443	10726	. 00	10. 13	315. 04
584. 70	10. 23	28528	10975	. 00	10. 23	327. 20
584. 80	10. 32	29638	11226	. 00	10. 32	339. 63
584. 90	10. 42	30773	11480	. 00	10. 42	352. 34
585. 00	10. 51	31934	11738	. 00	10. 51	365. 33
585. 10	10. 60	33120	11998	. 00	10. 60	378. 61
585. 20	10. 70	34334	12260	. 00	10. 70	392. 18
585. 30	10. 79	35573	12526	. 00	10. 79	406. 04
585. 40	10. 88	36839	12795	. 00	10. 88	420. 20
585. 50	10. 97	38132	13066	. 00	10. 97	434. 66
585. 60	11. 16	39452	13340	. 00	11. 16	449. 51
585. 70	11. 34	40800	13618	. 00	11. 34	464. 67
585. 80	11. 47	42176	13897	. 00	11. 47	480. 09
585. 90	11. 59	43580	14180	. 00	11. 59	495. 81
586. 00	11. 71	45012	14466	. 00	11. 71	511. 84
586. 10	11. 82	46472	14732	. 00	11. 82	528. 17
586. 20	11. 93	47959	15000	. 00	11. 93	544. 81
586. 30	12. 04	49472	15270	. 00	12. 04	561. 73
586. 40	12. 15	51013	15543	. 00	12. 15	578. 96

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Pond E-V-Q Table

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Name. . . . BASIN4

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

```

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\
Inflow HYG file = NONE STORED - BASIN4 IN 15
Outflow HYG file = NONE STORED - BASIN4 OUT 15

```

```

Pond Node Data = BASIN4
Pond Volume Data = BASIN4
Pond Outlet Data = Outlet 5

```

No Infiltration

INITIAL CONDITIONS

```

Starting WS Elev = 578. 50 ft
Starting Volume = 0 cu. ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout = .00 cfs
Time Increment = .0500 hrs

```

El evati on ft	Outfl ow cfs	Storage cu. ft	Area sq. ft	Infil t. cfs	Q Total cfs	2S/t + 0 cfs
586. 50	12. 26	52581	15818	. 00	12. 26	596. 48

asbuilt basin 1 2 and 4.txt

586.60	12.36	54176	16096	.00	12.36	614.31
586.70	12.46	55800	16376	.00	12.46	632.46
586.80	12.56	57451	16659	.00	12.56	650.91
586.90	12.66	59132	16944	.00	12.66	669.68
587.00	12.76	60840	17231	.00	12.76	688.76
587.10	12.86	62578	17521	.00	12.86	708.16
587.20	12.95	64345	17813	.00	12.95	727.90
587.30	13.05	66141	18108	.00	13.05	747.94
587.40	13.14	67967	18405	.00	13.14	768.33
587.50	13.23	69822	18704	.00	13.23	789.03
587.60	13.33	71707	19006	.00	13.33	810.07
587.70	13.42	73623	19311	.00	13.42	831.46
587.80	13.51	75569	19617	.00	13.51	853.17
587.90	13.60	77547	19927	.00	13.60	875.24
588.00	13.69	79555	20238	.00	13.69	897.63

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

Page 16.38

Name... BASIN4 IN

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: BASIN4 IN

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ADDLINK 80	BASIN4		BASIN4	15

INFLOWS TO: BASIN4 IN		Volume	Peak Time	Peak Flow
HYG file	HYG ID	cu. ft	hrs	cfs
	BASIN4	90257	12.1500	23.54

TOTAL FLOW INTO: BASIN4 IN		Volume	Peak Time	Peak Flow
HYG file	HYG ID	cu. ft	hrs	cfs
	BASIN4 IN	90257	12.1500	23.54

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

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Name... BASIN4 IN

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

TOTAL NODE INFLOW...  
HYG file =  
HYG ID = BASIN4 IN



asbuilt basin 1 2 and 4.txt  
 HYG Tag = 15

-----  
 Peak Discharge = 23.54 cfs  
 Time to Peak = 12.1500 hrs  
 HYG Volume = 90257 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
8.9500	.00	.00	.00	.01	.01
9.2000	.01	.02	.02	.03	.04
9.4500	.04	.05	.06	.06	.07
9.7000	.08	.09	.10	.11	.12
9.9500	.13	.14	.15	.16	.17
10.2000	.19	.20	.22	.23	.25
10.4500	.27	.29	.31	.33	.35
10.7000	.38	.40	.43	.46	.50
10.9500	.53	.57	.61	.65	.70
11.2000	.75	.81	.88	.95	1.03
11.4500	1.12	1.22	1.35	1.54	1.89
11.7000	2.47	3.43	4.86	6.99	9.92
11.9500	13.62	17.62	21.08	23.20	23.54
12.2000	22.19	19.70	16.81	14.06	11.81
12.4500	10.06	8.68	7.55	6.62	5.85
12.7000	5.22	4.69	4.27	3.93	3.65
12.9500	3.42	3.22	3.05	2.90	2.76
13.2000	2.64	2.54	2.45	2.38	2.31
13.4500	2.25	2.19	2.13	2.07	2.02
13.7000	1.97	1.92	1.87	1.83	1.79
13.9500	1.75	1.71	1.67	1.63	1.60
14.2000	1.56	1.53	1.51	1.48	1.46
14.4500	1.44	1.43	1.41	1.40	1.38
14.7000	1.37	1.35	1.34	1.33	1.31
14.9500	1.30	1.29	1.27	1.26	1.25
15.2000	1.23	1.22	1.21	1.20	1.18
15.4500	1.17	1.16	1.14	1.13	1.12
15.7000	1.10	1.09	1.07	1.06	1.05
15.9500	1.03	1.02	1.01	.99	.98
16.2000	.97	.96	.95	.94	.93
16.4500	.93	.92	.92	.91	.90

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Pond Inflow Summary

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Name... BASIN4 IN

Event: 15 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
16.7000	.90	.89	.89	.88	.88
16.9500	.88	.87	.87	.86	.86
17.2000	.85	.85	.84	.84	.83
17.4500	.83	.82	.82	.81	.81
17.7000	.80	.80	.79	.79	.78
17.9500	.78	.77	.77	.76	.76
18.2000	.76	.75	.75	.74	.74

asbuilt basin 1 2 and 4.txt

18. 4500	.73	.73	.72	.72	.71
18. 7000	.71	.70	.70	.69	.69
18. 9500	.68	.68	.67	.67	.66
19. 2000	.66	.65	.65	.64	.64
19. 4500	.63	.63	.62	.62	.61
19. 7000	.61	.60	.60	.59	.59
19. 9500	.58	.58	.57	.57	.56
20. 2000	.56	.55	.55	.55	.55
20. 4500	.54	.54	.54	.54	.54
20. 7000	.54	.54	.53	.53	.53
20. 9500	.53	.53	.53	.53	.53
21. 2000	.53	.53	.53	.52	.52
21. 4500	.52	.52	.52	.52	.52
21. 7000	.52	.52	.52	.51	.51
21. 9500	.51	.51	.51	.51	.51
22. 2000	.51	.51	.51	.51	.50
22. 4500	.50	.50	.50	.50	.50
22. 7000	.50	.50	.50	.50	.49
22. 9500	.49	.49	.49	.49	.49
23. 2000	.49	.49	.49	.49	.49
23. 4500	.48	.48	.48	.48	.48
23. 7000	.48	.48	.48	.48	.48
23. 9500	.47	.47	.47	.44	.40
24. 2000	.35	.28	.22	.17	.12
24. 4500	.09	.07	.05	.04	.03
24. 7000	.02	.01	.01	.01	.01
24. 9500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

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Name... BASIN4 IN

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: BASIN4 IN

HYG Directory: \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ADDLINK 80	BASIN4		BASIN4	25

INFLOWS TO: BASIN4 IN		Volume	Peak Time	Peak Flow
HYG file	HYG ID	cu. ft	hrs	cfs
	BASIN4	105180	12.1500	27.51

TOTAL FLOW INTO: BASIN4 IN		Volume	Peak Time	Peak Flow
HYG file	HYG ID	cu. ft	hrs	cfs
	BASIN4 IN 25	105180	12.1500	27.51

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

Page 16.42

Name... BASIN4 IN

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

TOTAL NODE INFLOW...

HYG file =  
 HYG ID = BASIN4 IN  
 HYG Tag = 25

-----  
 Peak Discharge = 27.51 cfs  
 Time to Peak = 12.1500 hrs  
 HYG Volume = 105180 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
8.5500	.00	.00	.00	.01	.01
8.8000	.02	.02	.03	.03	.04
9.0500	.05	.06	.07	.07	.08
9.3000	.09	.10	.11	.12	.13
9.5500	.13	.14	.15	.16	.17
9.8000	.18	.19	.20	.22	.23
10.0500	.25	.26	.28	.29	.31
10.3000	.33	.35	.37	.40	.42
10.5500	.45	.47	.50	.53	.57
10.8000	.60	.64	.68	.72	.77
11.0500	.82	.87	.93	.99	1.06
11.3000	1.14	1.23	1.33	1.44	1.56
11.5500	1.72	1.95	2.38	3.09	4.24
11.8000	5.96	8.48	11.94	16.25	20.86
12.0500	24.83	27.21	27.51	25.87	22.91
12.3000	19.51	16.30	13.67	11.63	10.02
12.5500	8.71	7.62	6.73	5.99	5.39
12.8000	4.90	4.50	4.18	3.91	3.68
13.0500	3.49	3.31	3.15	3.02	2.90
13.3000	2.80	2.71	2.63	2.56	2.49
13.5500	2.42	2.36	2.30	2.24	2.19
13.8000	2.13	2.08	2.04	1.99	1.94
14.0500	1.90	1.85	1.81	1.78	1.74
14.3000	1.71	1.69	1.66	1.64	1.62
14.5500	1.60	1.59	1.57	1.55	1.54
14.8000	1.52	1.51	1.49	1.48	1.46
15.0500	1.45	1.43	1.42	1.40	1.39
15.3000	1.37	1.36	1.34	1.33	1.31
15.5500	1.30	1.28	1.27	1.25	1.23
15.8000	1.22	1.20	1.19	1.17	1.16
16.0500	1.14	1.13	1.11	1.10	1.09

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

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Name... BASIN4 IN

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

asbuilt basin 1 2 and 4.txt

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
16.3000	1.08	1.07	1.06	1.05	1.04
16.5500	1.04	1.03	1.03	1.02	1.01
16.8000	1.01	1.00	1.00	.99	.99
17.0500	.98	.97	.97	.96	.96
17.3000	.95	.95	.94	.94	.93
17.5500	.93	.92	.92	.91	.90
17.8000	.90	.89	.89	.88	.88
18.0500	.87	.87	.86	.85	.85
18.3000	.84	.84	.83	.83	.82
18.5500	.82	.81	.80	.80	.79
18.8000	.79	.78	.78	.77	.76
19.0500	.76	.75	.75	.74	.74
19.3000	.73	.72	.72	.71	.71
19.5500	.70	.70	.69	.69	.68
19.8000	.67	.67	.66	.66	.65
20.0500	.64	.64	.63	.63	.63
20.3000	.62	.62	.62	.61	.61
20.5500	.61	.61	.61	.61	.61
20.8000	.60	.60	.60	.60	.60
21.0500	.60	.60	.60	.60	.59
21.3000	.59	.59	.59	.59	.59
21.5500	.59	.59	.59	.58	.58
21.8000	.58	.58	.58	.58	.58
22.0500	.58	.58	.57	.57	.57
22.3000	.57	.57	.57	.57	.57
22.5500	.57	.57	.56	.56	.56
22.8000	.56	.56	.56	.56	.56
23.0500	.56	.55	.55	.55	.55
23.3000	.55	.55	.55	.55	.55
23.5500	.54	.54	.54	.54	.54
23.8000	.54	.54	.54	.54	.53
24.0500	.52	.50	.46	.39	.32
24.3000	.25	.19	.14	.10	.07
24.5500	.05	.04	.03	.02	.02
24.8000	.01	.01	.01	.00	.00
25.0500	.00	.00	.00		

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

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Name... BASIN4 IN

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: BASIN4 IN

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ADDLINK 80	BASIN4		BASIN4	100

INFLOWS TO:	BASIN4	IN	Volume	Peak Time	Peak Flow
HYG file	HYG ID	HYG tag	cu. ft	hrs	cfs
	BASIN4	100	145662	12.1500	38.16

TOTAL FLOW INTO:	BASIN4	IN	Volume	Peak Time	Peak Flow
HYG file	HYG ID	HYG tag	cu. ft	hrs	cfs
	BASIN4	IN 100	145662	12.1500	38.16

S/N:  
 PondPack Ver: Compute Time: Date:  
 Type... Node: Pond Inflow Summary Page 16.45  
 Name... BASIN4 IN Event: 100 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... Type I 24hr Tag: 100

TOTAL NODE INFLOW...  
 HYG file =  
 HYG ID = BASIN4 IN  
 HYG Tag = 100  
 -----  
 Peak Discharge = 38.16 cfs  
 Time to Peak = 12.1500 hrs  
 HYG Volume = 145662 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
7.4500	.00	.00	.00	.01	.01
7.7000	.01	.02	.02	.03	.03
7.9500	.04	.04	.05	.06	.06
8.2000	.07	.08	.08	.09	.10
8.4500	.11	.12	.13	.14	.15
8.7000	.16	.17	.18	.19	.20
8.9500	.22	.23	.24	.26	.27
9.2000	.29	.30	.31	.32	.34
9.4500	.35	.36	.37	.38	.39
9.7000	.41	.42	.44	.46	.48
9.9500	.50	.52	.54	.56	.59
10.2000	.62	.65	.68	.71	.74
10.4500	.78	.82	.86	.90	.94
10.7000	.99	1.04	1.09	1.15	1.21
10.9500	1.28	1.35	1.42	1.50	1.59
11.2000	1.68	1.79	1.92	2.05	2.20
11.4500	2.36	2.54	2.77	3.12	3.76
11.7000	4.81	6.52	9.01	12.61	17.46
11.9500	23.41	29.67	34.94	37.98	38.16
12.2000	35.71	31.49	26.73	22.26	18.62
12.4500	15.79	13.57	11.76	10.27	9.04
12.7000	8.04	7.21	6.55	6.01	5.57
12.9500	5.20	4.90	4.63	4.39	4.18
13.2000	3.99	3.84	3.70	3.58	3.48
13.4500	3.38	3.29	3.20	3.12	3.03
13.7000	2.96	2.88	2.81	2.75	2.68

asbuilt basin 1 2 and 4.txt

13. 9500	2. 62	2. 56	2. 50	2. 44	2. 39
14. 2000	2. 34	2. 29	2. 25	2. 22	2. 18
14. 4500	2. 16	2. 13	2. 11	2. 08	2. 06
14. 7000	2. 04	2. 02	2. 00	1. 98	1. 96
14. 9500	1. 94	1. 92	1. 90	1. 88	1. 86

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Pond Inflow Summary

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Name... BASIN4 IN

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)					
15. 2000	1. 84	1. 82	1. 80	1. 78	1. 76	
15. 4500	1. 74	1. 72	1. 70	1. 68	1. 66	
15. 7000	1. 64	1. 62	1. 60	1. 58	1. 56	
15. 9500	1. 53	1. 51	1. 49	1. 47	1. 46	
16. 2000	1. 44	1. 42	1. 41	1. 39	1. 38	
16. 4500	1. 37	1. 36	1. 36	1. 35	1. 34	
16. 7000	1. 33	1. 32	1. 32	1. 31	1. 30	
16. 9500	1. 29	1. 29	1. 28	1. 27	1. 27	
17. 2000	1. 26	1. 25	1. 24	1. 24	1. 23	
17. 4500	1. 22	1. 21	1. 21	1. 20	1. 19	
17. 7000	1. 19	1. 18	1. 17	1. 16	1. 16	
17. 9500	1. 15	1. 14	1. 13	1. 13	1. 12	
18. 2000	1. 11	1. 11	1. 10	1. 09	1. 08	
18. 4500	1. 08	1. 07	1. 06	1. 05	1. 05	
18. 7000	1. 04	1. 03	1. 02	1. 02	1. 01	
18. 9500	1. 00	1. 00	. 99	. 98	. 97	
19. 2000	. 97	. 96	. 95	. 94	. 94	
19. 4500	. 93	. 92	. 91	. 91	. 90	
19. 7000	. 89	. 88	. 88	. 87	. 86	
19. 9500	. 85	. 85	. 84	. 83	. 82	
20. 2000	. 82	. 81	. 81	. 80	. 80	
20. 4500	. 80	. 80	. 79	. 79	. 79	
20. 7000	. 79	. 79	. 78	. 78	. 78	
20. 9500	. 78	. 78	. 78	. 78	. 77	
21. 2000	. 77	. 77	. 77	. 77	. 77	
21. 4500	. 77	. 76	. 76	. 76	. 76	
21. 7000	. 76	. 76	. 76	. 75	. 75	
21. 9500	. 75	. 75	. 75	. 75	. 75	
22. 2000	. 74	. 74	. 74	. 74	. 74	
22. 4500	. 74	. 74	. 73	. 73	. 73	
22. 7000	. 73	. 73	. 73	. 73	. 72	
22. 9500	. 72	. 72	. 72	. 72	. 72	
23. 2000	. 72	. 71	. 71	. 71	. 71	
23. 4500	. 71	. 71	. 71	. 70	. 70	
23. 7000	. 70	. 70	. 70	. 70	. 69	
23. 9500	. 69	. 69	. 68	. 65	. 59	
24. 2000	. 51	. 41	. 32	. 24	. 18	
24. 4500	. 13	. 10	. 07	. 05	. 04	
24. 7000	. 03	. 02	. 01	. 01	. 01	
24. 9500	. 01	. 00	. 00	. 00	. 00	

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routing Summary  
Name... BASIN4 OUT Tag: 15  
File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

LEVEL POOL ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\  
Inflow HYG file = NONE STORED - BASIN4 IN 15  
Outflow HYG file = NONE STORED - BASIN4 OUT 15

Pond Node Data = BASIN4  
Pond Volume Data = BASIN4  
Pond Outlet Data = Outlet 5

No Infiltration

INITIAL CONDITIONS

-----  
Starting WS Elev = 578.50 ft  
Starting Volume = 0 cu. ft  
Starting Outflow = .00 cfs  
Starting Infiltr. = .00 cfs  
Starting Total Qout = .00 cfs  
Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====  
Peak Inflow = 23.54 cfs at 12.1500 hrs  
Peak Outflow = 9.45 cfs at 12.4500 hrs  
-----  
Peak Elevation = 583.92 ft  
Peak Storage = 20718 cu. ft  
=====

MASS BALANCE (cu. ft)

-----  
+ Initial Vol = 0  
+ HYG Vol IN = 90257  
- Infiltration = 0  
- HYG Vol OUT = 90257  
- Retained Vol = 0  
-----  
Unrouted Vol = - cu. ft (.000% of Inflow Volume)

S/N:  
PondPack Ver: Compute Time: Date:

Type... Pond Routed HYG (total out)  
Name... BASIN4 OUT Tag: 15  
File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

POND ROUTED TOTAL OUTFLOW HYG...  
HYG file =  
HYG ID = BASIN4 OUT

asbuilt basin 1 2 and 4.txt  
 HYG Tag = 15

-----  
 Peak Discharge = 9.45 cfs  
 Time to Peak = 12.4500 hrs  
 HYG Volume = 90257 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
8.9500	.00	.00	.00	.00	.01
9.2000	.01	.02	.02	.03	.03
9.4500	.04	.05	.05	.06	.07
9.7000	.08	.08	.09	.10	.11
9.9500	.12	.13	.14	.15	.17
10.2000	.18	.19	.21	.22	.24
10.4500	.26	.28	.30	.32	.34
10.7000	.36	.39	.42	.45	.48
10.9500	.51	.55	.59	.63	.67
11.2000	.72	.78	.84	.91	.99
11.4500	1.08	1.17	1.29	1.45	1.71
11.7000	2.18	2.72	3.21	4.00	4.76
11.9500	5.54	6.34	7.08	7.72	8.26
12.2000	8.68	8.99	9.20	9.34	9.42
12.4500	9.45	9.44	9.42	9.37	9.30
12.7000	9.22	9.12	9.01	8.90	8.77
12.9500	8.63	8.48	8.32	8.15	7.98
13.2000	7.79	7.59	7.38	7.15	6.91
13.4500	6.66	6.39	6.09	5.77	5.43
13.7000	5.05	4.67	4.22	3.63	3.06
13.9500	2.55	1.77	1.69	1.65	1.61
14.2000	1.58	1.55	1.52	1.49	1.47
14.4500	1.45	1.43	1.42	1.40	1.39
14.7000	1.37	1.36	1.35	1.33	1.32
14.9500	1.31	1.29	1.28	1.27	1.25
15.2000	1.24	1.23	1.21	1.20	1.19
15.4500	1.18	1.16	1.15	1.14	1.12
15.7000	1.11	1.10	1.08	1.07	1.05
15.9500	1.04	1.03	1.01	1.00	.99
16.2000	.98	.96	.95	.95	.94
16.4500	.93	.92	.92	.91	.91

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16.49

Name... BASIN4 OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
16.7000	.90	.90	.89	.89	.88
16.9500	.88	.87	.87	.86	.86
17.2000	.85	.85	.84	.84	.83
17.4500	.83	.83	.82	.82	.81
17.7000	.81	.80	.80	.79	.79
17.9500	.78	.78	.77	.77	.76
18.2000	.76	.75	.75	.74	.74



asbuilt basin 1 2 and 4.txt

18. 4500	.73	.73	.72	.72	.71
18. 7000	.71	.70	.70	.69	.69
18. 9500	.68	.68	.67	.67	.66
19. 2000	.66	.65	.65	.64	.64
19. 4500	.63	.63	.62	.62	.61
19. 7000	.61	.60	.60	.59	.59
19. 9500	.58	.58	.57	.57	.56
20. 2000	.56	.56	.55	.55	.55
20. 4500	.54	.54	.54	.54	.54
20. 7000	.54	.54	.54	.53	.53
20. 9500	.53	.53	.53	.53	.53
21. 2000	.53	.53	.53	.52	.52
21. 4500	.52	.52	.52	.52	.52
21. 7000	.52	.52	.52	.52	.51
21. 9500	.51	.51	.51	.51	.51
22. 2000	.51	.51	.51	.51	.50
22. 4500	.50	.50	.50	.50	.50
22. 7000	.50	.50	.50	.50	.50
22. 9500	.49	.49	.49	.49	.49
23. 2000	.49	.49	.49	.49	.49
23. 4500	.48	.48	.48	.48	.48
23. 7000	.48	.48	.48	.48	.48
23. 9500	.48	.47	.47	.45	.42
24. 2000	.38	.32	.25	.19	.14
24. 4500	.10	.08	.06	.04	.03
24. 7000	.02	.02	.01	.01	.01
24. 9500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routing Summary

Page 16.50

Name... BASIN4 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

LEVEL POOL ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - BASIN4 IN 25  
 Outflow HYG file = NONE STORED - BASIN4 OUT 25

Pond Node Data = BASIN4  
 Pond Volume Data = BASIN4  
 Pond Outlet Data = Outlet 5

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 578.50 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====

Peak Inflow	=	27.51 cfs	at	12.1500 hrs
Peak Outflow	=	10.03 cfs	at	12.5000 hrs

asbuilt basin 1 2 and 4.txt

```
-----
Peak Elevation = 584.50 ft
Peak Storage = 26418 cu.ft
=====
```

MASS BALANCE (cu. ft)

```
-----
+ Initial Vol = 0
+ HYG Vol IN = 105180
- Infiltration = 0
- HYG Vol OUT = 105179
- Retained Vol = 0
-----
```

Unrouted Vol = - cu. ft (.000% of Inflow Volume)

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16.51

Name... BASIN4 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

POND ROUTED TOTAL OUTFLOW HYG...

```
HYG file =
HYG ID = BASIN4 OUT
HYG Tag = 25
-----
```

```
Peak Discharge = 10.03 cfs
Time to Peak = 12.5000 hrs
HYG Volume = 105179 cu. ft
-----
```

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
8.5500	.00	.00	.00	.01	.01
8.8000	.01	.02	.02	.03	.04
9.0500	.05	.05	.06	.07	.08
9.3000	.09	.10	.10	.11	.12
9.5500	.13	.14	.15	.16	.17
9.8000	.18	.19	.20	.21	.22
10.0500	.24	.25	.27	.29	.30
10.3000	.32	.34	.36	.39	.41
10.5500	.43	.46	.49	.52	.55
10.8000	.58	.62	.66	.70	.74
11.0500	.79	.84	.90	.96	1.03
11.3000	1.10	1.19	1.28	1.39	1.50
11.5500	1.64	1.84	2.16	2.62	3.02
11.8000	3.68	4.46	5.19	6.01	6.82
12.0500	7.56	8.22	8.77	9.20	9.52
12.3000	9.74	9.89	9.97	10.02	10.03
12.5500	10.02	9.99	9.94	9.88	9.81
12.8000	9.72	9.63	9.52	9.41	9.29
13.0500	9.17	9.03	8.89	8.75	8.59
13.3000	8.43	8.26	8.08	7.89	7.69
13.5500	7.48	7.26	7.03	6.78	6.51

asbuilt basin 1 2 and 4.txt

13. 8000	6. 23	5. 91	5. 58	5. 22	4. 84
14. 0500	4. 43	3. 91	3. 29	2. 80	2. 08
14. 3000	1. 73	1. 70	1. 67	1. 65	1. 63
14. 5500	1. 61	1. 59	1. 58	1. 56	1. 55
14. 8000	1. 53	1. 51	1. 50	1. 48	1. 47
15. 0500	1. 45	1. 44	1. 42	1. 41	1. 39
15. 3000	1. 38	1. 36	1. 35	1. 33	1. 32
15. 5500	1. 30	1. 29	1. 27	1. 26	1. 24
15. 8000	1. 23	1. 21	1. 20	1. 18	1. 17
16. 0500	1. 15	1. 13	1. 12	1. 11	1. 09

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16.52

Name... BASIN4 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
16. 3000	1. 08	1. 07	1. 06	1. 05	1. 05
16. 5500	1. 04	1. 03	1. 03	1. 02	1. 02
16. 8000	1. 01	1. 01	1. 00	. 99	. 99
17. 0500	. 98	. 98	. 97	. 97	. 96
17. 3000	. 96	. 95	. 95	. 94	. 93
17. 5500	. 93	. 92	. 92	. 91	. 91
17. 8000	. 90	. 90	. 89	. 88	. 88
18. 0500	. 87	. 87	. 86	. 86	. 85
18. 3000	. 85	. 84	. 83	. 83	. 82
18. 5500	. 82	. 81	. 81	. 80	. 80
18. 8000	. 79	. 78	. 78	. 77	. 77
19. 0500	. 76	. 76	. 75	. 74	. 74
19. 3000	. 73	. 73	. 72	. 72	. 71
19. 5500	. 71	. 70	. 69	. 69	. 68
19. 8000	. 68	. 67	. 66	. 66	. 65
20. 0500	. 65	. 64	. 64	. 63	. 63
20. 3000	. 62	. 62	. 62	. 62	. 61
20. 5500	. 61	. 61	. 61	. 61	. 61
20. 8000	. 60	. 60	. 60	. 60	. 60
21. 0500	. 60	. 60	. 60	. 60	. 59
21. 3000	. 59	. 59	. 59	. 59	. 59
21. 5500	. 59	. 59	. 59	. 59	. 58
21. 8000	. 58	. 58	. 58	. 58	. 58
22. 0500	. 58	. 58	. 58	. 57	. 57
22. 3000	. 57	. 57	. 57	. 57	. 57
22. 5500	. 57	. 57	. 56	. 56	. 56
22. 8000	. 56	. 56	. 56	. 56	. 56
23. 0500	. 56	. 55	. 55	. 55	. 55
23. 3000	. 55	. 55	. 55	. 55	. 55
23. 5500	. 54	. 54	. 54	. 54	. 54
23. 8000	. 54	. 54	. 54	. 54	. 53
24. 0500	. 53	. 51	. 48	. 42	. 36
24. 3000	. 28	. 22	. 16	. 12	. 09
24. 5500	. 06	. 05	. 03	. 03	. 02
24. 8000	. 01	. 01	. 01	. 01	. 00
25. 0500	. 00	. 00	. 00		

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routing Summary Page 16.53  
Name... BASIN4 OUT Tag: 100 Event: 100 yr  
File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

LEVEL POOL ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
Inflow HYG file = NONE STORED - BASIN4 IN 100  
Outflow HYG file = NONE STORED - BASIN4 OUT 100

Pond Node Data = BASIN4  
Pond Volume Data = BASIN4  
Pond Outlet Data = Outlet 5

No Infiltration

INITIAL CONDITIONS

-----  
Starting WS Elev = 578.50 ft  
Starting Volume = 0 cu. ft  
Starting Outflow = .00 cfs  
Starting Infiltr. = .00 cfs  
Starting Total Out = .00 cfs  
Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====  
Peak Inflow = 38.16 cfs at 12.1500 hrs  
Peak Outflow = 11.52 cfs at 12.5500 hrs  
-----  
Peak Elevation = 585.84 ft  
Peak Storage = 42791 cu. ft  
=====

MASS BALANCE (cu. ft)

-----  
+ Initial Vol = 0  
+ HYG Vol IN = 145662  
- Infiltration = 0  
- HYG Vol OUT = 145662  
- Retained Vol = 0  
-----  
Unrouted Vol = - cu. ft (.000% of Inflow Volume)

S/N:  
PondPack Ver: Compute Time: Date:

♀

Type... Pond Routed HYG (total out) Page 16.54  
Name... BASIN4 OUT Tag: 100 Event: 100 yr  
File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

POND ROUTED TOTAL OUTFLOW HYG...  
HYG file =

asbuilt basin 1 2 and 4.txt  
 HYG ID = BASIN4 OUT  
 HYG Tag = 100

-----  
 Peak Discharge = 11.52 cfs  
 Time to Peak = 12.5500 hrs  
 HYG Volume = 145662 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
7.4500	.00	.00	.00	.00	.01
7.7000	.01	.01	.02	.02	.03
7.9500	.03	.04	.05	.05	.06
8.2000	.07	.07	.08	.09	.09
8.4500	.10	.11	.12	.13	.14
8.7000	.15	.16	.17	.19	.20
8.9500	.21	.22	.24	.25	.26
9.2000	.28	.29	.31	.32	.33
9.4500	.34	.35	.37	.38	.39
9.7000	.40	.41	.43	.45	.47
9.9500	.49	.51	.53	.55	.58
10.2000	.60	.63	.66	.69	.73
10.4500	.76	.80	.84	.88	.92
10.7000	.97	1.01	1.07	1.12	1.18
10.9500	1.25	1.31	1.39	1.46	1.54
11.2000	1.64	1.74	1.85	1.98	2.13
11.4500	2.28	2.45	2.58	2.75	3.00
11.7000	3.41	4.04	4.69	5.40	6.21
11.9500	7.04	7.86	8.62	9.30	9.86
12.2000	10.30	10.64	10.88	11.14	11.35
12.4500	11.45	11.50	11.52	11.51	11.48
12.7000	11.44	11.37	11.28	11.16	11.02
12.9500	10.93	10.85	10.77	10.69	10.60
13.2000	10.51	10.42	10.32	10.21	10.10
13.4500	9.99	9.88	9.76	9.64	9.51
13.7000	9.38	9.24	9.09	8.94	8.79
13.9500	8.63	8.46	8.28	8.09	7.90
14.2000	7.70	7.48	7.25	7.01	6.76
14.4500	6.49	6.20	5.89	5.55	5.20
14.7000	4.83	4.44	3.95	3.38	2.94
14.9500	2.50	1.93	1.91	1.89	1.87

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Pond Routed HYG (total out)

Page 16.55

Name... BASIN4 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
15.2000	1.85	1.83	1.81	1.79	1.77
15.4500	1.75	1.73	1.71	1.69	1.67
15.7000	1.65	1.63	1.61	1.59	1.57
15.9500	1.54	1.52	1.50	1.48	1.46
16.2000	1.45	1.43	1.41	1.40	1.39
16.4500	1.38	1.37	1.36	1.35	1.34

asbuilt basin 1 2 and 4.txt

16. 7000	1. 34	1. 33	1. 32	1. 31	1. 31
16. 9500	1. 30	1. 29	1. 28	1. 28	1. 27
17. 2000	1. 26	1. 25	1. 25	1. 24	1. 23
17. 4500	1. 23	1. 22	1. 21	1. 20	1. 20
17. 7000	1. 19	1. 18	1. 18	1. 17	1. 16
17. 9500	1. 15	1. 15	1. 14	1. 13	1. 12
18. 2000	1. 12	1. 11	1. 10	1. 09	1. 09
18. 4500	1. 08	1. 07	1. 07	1. 06	1. 05
18. 7000	1. 04	1. 04	1. 03	1. 02	1. 01
18. 9500	1. 01	1. 00	. 99	. 98	. 98
19. 2000	. 97	. 96	. 95	. 95	. 94
19. 4500	. 93	. 92	. 92	. 91	. 90
19. 7000	. 89	. 89	. 88	. 87	. 86
19. 9500	. 86	. 85	. 84	. 83	. 83
20. 2000	. 82	. 82	. 81	. 81	. 80
20. 4500	. 80	. 80	. 79	. 79	. 79
20. 7000	. 79	. 79	. 79	. 78	. 78
20. 9500	. 78	. 78	. 78	. 78	. 77
21. 2000	. 77	. 77	. 77	. 77	. 77
21. 4500	. 77	. 76	. 76	. 76	. 76
21. 7000	. 76	. 76	. 76	. 76	. 75
21. 9500	. 75	. 75	. 75	. 75	. 75
22. 2000	. 74	. 74	. 74	. 74	. 74
22. 4500	. 74	. 74	. 73	. 73	. 73
22. 7000	. 73	. 73	. 73	. 73	. 72
22. 9500	. 72	. 72	. 72	. 72	. 72
23. 2000	. 72	. 71	. 71	. 71	. 71
23. 4500	. 71	. 71	. 71	. 70	. 70
23. 7000	. 70	. 70	. 70	. 70	. 70
23. 9500	. 69	. 69	. 69	. 66	. 62
24. 2000	. 55	. 46	. 37	. 28	. 21
24. 4500	. 15	. 11	. 08	. 06	. 04
24. 7000	. 03	. 02	. 02	. 01	. 01
24. 9500	. 01	. 00	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Pond E-V-0 Table

Page 16. 56

Name. . . . BASIN5

File. . . . \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Inflow HYG file = NONE STORED - BASIN5 IN 15

Outflow HYG file = NONE STORED - BASIN5 OUT 15

Pond Node Data = BASIN5

Pond Volume Data = BASIN5

Pond Outlet Data = Outlet 6

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 548. 70 ft  
 Starting Volume = 5175 cu. ft  
 Starting Outflow = . 00 cfs  
 Starting Infiltr. = . 00 cfs  
 Starting Total Qout = . 00 cfs  
 Time Increment = . 0500 hrs

asbuilt basin 1 2 and 4.txt

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
546.00	.00	0	1175	.00	.00	.00
546.10	.00	120	1222	.00	.00	1.33
546.20	.00	244	1270	.00	.00	2.72
546.30	.00	374	1319	.00	.00	4.15
546.40	.00	508	1368	.00	.00	5.65
546.50	.00	648	1419	.00	.00	7.19
546.60	.00	792	1471	.00	.00	8.80
546.70	.00	942	1523	.00	.00	10.46
546.80	.00	1097	1576	.00	.00	12.18
546.90	.00	1257	1631	.00	.00	13.97
547.00	.00	1423	1686	.00	.00	15.81
547.10	.00	1594	1742	.00	.00	17.71
547.20	.00	1771	1799	.00	.00	19.68
547.30	.00	1954	1857	.00	.00	21.71
547.40	.00	2143	1916	.00	.00	23.81
547.50	.00	2337	1976	.00	.00	25.97
547.60	.00	2538	2037	.00	.00	28.20
547.70	.00	2745	2098	.00	.00	30.50
547.80	.00	2958	2161	.00	.00	32.86
547.90	.00	3177	2225	.00	.00	35.30

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond E-V-Q Table

Page 16.57

Name... BASIN5

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - BASIN5 IN 15  
 Outflow HYG file = NONE STORED - BASIN5 OUT 15

Pond Node Data = BASIN5  
 Pond Volume Data = BASIN5  
 Pond Outlet Data = Outlet 6

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 548.70 ft  
 Starting Volume = 5175 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
548.00	.00	3403	2289	.00	.00	37.81
548.10	.00	3635	2356	.00	.00	40.39
548.20	.00	3874	2425	.00	.00	43.04
548.30	.00	4120	2494	.00	.00	45.78
548.40	.00	4373	2565	.00	.00	48.59
548.50	.00	4633	2636	.00	.00	51.48

asbuil t basin 1 2 and 4. txt

548.60	.00	4900	2709	.00	.00	54.45
548.70	.00	5175	2782	.00	.00	57.50
548.80	.05	5457	2856	.00	.05	60.68
548.90	.13	5746	2932	.00	.13	63.98
549.00	.25	6043	3008	.00	.25	67.39
549.10	.38	6348	3085	.00	.38	70.91
549.20	.53	6660	3164	.00	.53	74.53
549.30	.70	6980	3243	.00	.70	78.26
549.40	.88	7309	3323	.00	.88	82.09
549.50	1.07	7645	3404	.00	1.07	86.02
549.60	1.28	7989	3486	.00	1.28	90.05
549.70	1.50	8342	3570	.00	1.50	94.19
549.80	1.73	8703	3654	.00	1.73	98.44
549.90	1.97	9073	3739	.00	1.97	102.79

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type.... Pond E-V-Q Table

Page 16.58

Name.... BASI N5

File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASI N 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - BASI N5 IN 15  
 Outflow HYG file = NONE STORED - BASI N5 OUT 15

Pond Node Data = BASI N5  
 Pond Volume Data = BASI N5  
 Pond Outlet Data = Outlet 6

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 548.70 ft  
 Starting Volume = 5175 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
550.00	2.15	9451	3825	.00	2.15	107.17
550.10	2.28	9838	3906	.00	2.28	111.59
550.20	2.41	10233	3988	.00	2.41	116.10
550.30	2.52	10636	4071	.00	2.52	120.70
550.40	2.64	11047	4155	.00	2.64	125.38
550.50	2.74	11467	4240	.00	2.74	130.15
550.60	2.85	11895	4325	.00	2.85	135.01
550.70	2.95	12332	4412	.00	2.95	139.97
550.80	3.04	12777	4499	.00	3.04	145.01
550.90	3.14	13232	4587	.00	3.14	150.16
551.00	3.23	13695	4676	.00	3.23	155.39
551.10	3.32	14167	4766	.00	3.32	160.73
551.20	3.40	14648	4857	.00	3.40	166.16
551.30	3.49	15138	4948	.00	3.49	171.69
551.40	3.57	15638	5041	.00	3.57	177.32
551.50	3.65	16146	5134	.00	3.65	183.06



asbuilt basin 1 2 and 4.txt

551.60	3.73	16664	5228	.00	3.73	188.89
551.70	3.81	17192	5323	.00	3.81	194.83
551.80	3.88	17729	5419	.00	3.88	200.87
551.90	3.95	18276	5516	.00	3.95	207.02

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond E-V-Q Table

Page 16.59

Name... BASIN5

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - BASIN5 IN 15  
 Outflow HYG file = NONE STORED - BASIN5 OUT 15

Pond Node Data = BASIN5  
 Pond Volume Data = BASIN5  
 Pond Outlet Data = Outlet 6

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 548.70 ft  
 Starting Volume = 5175 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
552.00	4.03	18832	5613	.00	4.03	213.28
552.10	4.10	19398	5708	.00	4.10	219.63
552.20	4.17	19974	5803	.00	4.17	226.10
552.30	4.24	20559	5899	.00	4.24	232.67
552.40	4.30	21154	5996	.00	4.30	239.35
552.50	4.37	21758	6094	.00	4.37	246.13
552.60	4.44	22373	6193	.00	4.44	253.02
552.70	4.50	22997	6292	.00	4.50	260.02
552.80	4.57	23631	6393	.00	4.57	267.13
552.90	4.63	24276	6494	.00	4.63	274.36
553.00	4.69	24930	6595	.00	4.69	281.69
553.10	4.75	25594	6698	.00	4.75	289.14
553.20	4.81	26270	6801	.00	4.81	296.70
553.30	4.87	26955	6906	.00	4.87	304.37
553.40	4.93	27651	7011	.00	4.93	312.16
553.50	4.99	28357	7116	.00	4.99	320.07
553.60	5.05	29074	7223	.00	5.05	328.09
553.70	5.10	29802	7330	.00	5.10	336.24
553.80	5.16	30540	7438	.00	5.16	344.49
553.90	5.22	31290	7547	.00	5.22	352.88

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond E-V-Q Table

Page 16.60

Name... BASIN5

asbuilt basin 1 2 and 4.txt

File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
Inflow HYG file = NONE STORED - BASIN5 IN 15  
Outflow HYG file = NONE STORED - BASIN5 OUT 15

Pond Node Data = BASIN5  
Pond Volume Data = BASIN5  
Pond Outlet Data = Outlet 6

No Infiltration

INITIAL CONDITIONS

-----  
Starting WS Elev = 548.70 ft  
Starting Volume = 5175 cu. ft  
Starting Outflow = .00 cfs  
Starting Infiltr. = .00 cfs  
Starting Total Qout = .00 cfs  
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
554.00	5.27	32050	7657	.00	5.27	361.38
554.10	5.33	32820	7765	.00	5.33	370.00
554.20	5.38	33603	7874	.00	5.38	378.74
554.30	5.43	34395	7984	.00	5.43	387.61
554.40	5.49	35200	8095	.00	5.49	396.60
554.50	5.54	36015	8206	.00	5.54	405.70
554.60	5.59	36840	8318	.00	5.59	414.93
554.70	5.64	37678	8431	.00	5.64	424.29
554.80	5.69	38527	8544	.00	5.69	433.77
554.90	5.75	39387	8659	.00	5.75	443.38
555.00	5.80	40259	8774	.00	5.80	453.11
555.10	5.85	41142	8890	.00	5.85	462.98
555.20	5.89	42037	9007	.00	5.89	472.97
555.30	5.94	42943	9124	.00	5.94	483.09
555.40	5.99	43862	9242	.00	5.99	493.34
555.50	6.04	44792	9361	.00	6.04	503.73
555.60	6.09	45734	9481	.00	6.09	514.24
555.70	6.14	46688	9601	.00	6.14	524.89
555.80	6.18	47654	9722	.00	6.18	535.67
555.90	6.23	48633	9844	.00	6.23	546.59

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type.... Pond E-V-Q Table

Page 16.61

Name.... BASIN5

File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND 4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
Inflow HYG file = NONE STORED - BASIN5 IN 15  
Outflow HYG file = NONE STORED - BASIN5 OUT 15

Pond Node Data = BASIN5

asbuilt basin 1 2 and 4.txt

Pond Volume Data = BASIN5  
Pond Outlet Data = Outlet 6

No Infiltration

INITIAL CONDITIONS

-----  
Starting WS Elev = 548.70 ft  
Starting Volume = 5175 cu. ft  
Starting Outflow = .00 cfs  
Starting Infiltr. = .00 cfs  
Starting Total Qout = .00 cfs  
Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
556.00	6.28	49623	9967	.00	6.28	557.64
556.10	6.32	50625	10088	.00	6.32	568.83
556.20	6.37	51641	10210	.00	6.37	580.15
556.30	6.41	52667	10332	.00	6.41	591.61
556.40	6.46	53707	10455	.00	6.46	603.20
556.50	6.50	54759	10579	.00	6.50	614.93
556.60	6.55	55822	10703	.00	6.55	626.79
556.70	6.59	56899	10828	.00	6.59	638.81
556.80	6.63	57988	10954	.00	6.63	650.95
556.90	6.68	59090	11081	.00	6.68	663.24
557.00	6.72	60205	11209	.00	6.72	675.66
557.10	6.76	61332	11337	.00	6.76	688.23
557.20	6.81	62472	11466	.00	6.81	700.94
557.30	6.85	63625	11595	.00	6.85	713.79
557.40	6.89	64791	11726	.00	6.89	726.79
557.50	6.93	65970	11857	.00	6.93	739.93
557.60	6.97	67162	11988	.00	6.97	753.22
557.70	7.02	68368	12121	.00	7.02	766.66
557.75	7.04	68976	12188	.00	7.04	773.43
557.80	7.43	69586	12254	.00	7.43	780.61

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond E-V-Q Table

Page 16.62

Name... BASIN5

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
Inflow HYG file = NONE STORED - BASIN5 IN 15  
Outflow HYG file = NONE STORED - BASIN5 OUT 15

Pond Node Data = BASIN5  
Pond Volume Data = BASIN5  
Pond Outlet Data = Outlet 6

No Infiltration

INITIAL CONDITIONS

-----  
Starting WS Elev = 548.70 ft  
Starting Volume = 5175 cu. ft  
Starting Outflow = .00 cfs

asbuilt basin 1 2 and 4.txt

Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
557.90	9.02	70819	12388	.00	9.02	795.89
558.00	11.26	72064	12523	.00	11.26	811.98
558.10	14.01	73323	12666	.00	14.01	828.72
558.20	17.18	74598	12810	.00	17.18	846.05
558.30	20.72	75886	12955	.00	20.72	863.89
558.40	24.59	77189	13101	.00	24.59	882.25
558.50	28.77	78506	13247	.00	28.77	901.06
558.60	33.24	79838	13394	.00	33.24	920.32
558.70	37.97	81185	13542	.00	37.97	940.03
558.80	42.96	82546	13691	.00	42.96	960.14
558.90	48.19	83923	13841	.00	48.19	980.68
559.00	53.65	85315	13991	.00	53.65	1001.59
559.10	59.33	86721	14143	.00	59.33	1022.90
559.20	65.23	88143	14295	.00	65.23	1044.60
559.30	71.33	89580	14448	.00	71.33	1066.66
559.40	77.63	91033	14601	.00	77.63	1089.11
559.50	84.12	92501	14756	.00	84.12	1111.90
559.60	90.80	93984	14911	.00	90.80	1135.06
559.70	97.66	95483	15068	.00	97.66	1158.58
559.80	104.69	96997	15225	.00	104.69	1182.44

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Pond E-V-Q Table

Page 16.63

Name. . . . BASIN5

File. . . . \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - BASIN5 IN 15  
 Outflow HYG file = NONE STORED - BASIN5 OUT 15

Pond Node Data = BASIN5  
 Pond Volume Data = BASIN5  
 Pond Outlet Data = Outlet 6

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 548.70 ft  
 Starting Volume = 5175 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
559.90	111.91	98528	15382	.00	111.91	1206.67
560.00	119.28	100074	15541	.00	119.28	1231.22

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

Page 16.64

Name... BASIN5 IN

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: BASIN5 IN

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

```

=====
Upstream Link ID Upstream Node ID HYG file HYG ID HYG tag
-----
ADDLINK 120 BASIN5 BASIN5 15
=====

```

```

INFLOWS TO: BASIN5 IN
-----
HYG file HYG ID HYG tag Volume Peak Time Peak Flow
cu. ft hrs cfs
-----
BASIN5 15 158941 12.1000 47.49

```

```

TOTAL FLOW INTO: BASIN5 IN
-----
HYG file HYG ID HYG tag Volume Peak Time Peak Flow
cu. ft hrs cfs
-----
BASIN5 IN 15 158941 12.1000 47.49

```

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

Page 16.65

Name... BASIN5 IN

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

```

TOTAL NODE INFLOW...
HYG file =
HYG ID = BASIN5 IN
HYG Tag = 15
-----
Peak Discharge = 47.49 cfs
Time to Peak = 12.1000 hrs
HYG Volume = 158941 cu. ft
-----

```

```

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .0500 hrs
Time on left represents time for first value in each row.
-----
Time hrs | .00 .01 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .20 .21 .22 .23 .24 .25 .26 .27 .28 .29 .30 .31 .32 .33 .34 .35 .36 .37 .38 .39 .40 .41 .42 .43 .44 .45 .46 .47 .48 .49
-----
9.4000 | .00 .01 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .20 .21 .22 .23 .24 .25 .26 .27 .28 .29 .30 .31 .32 .33 .34 .35 .36 .37 .38 .39 .40 .41 .42 .43 .44 .45 .46 .47 .48 .49
9.6500 | .03 .04 .05 .06 .07 .08 .09 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .20 .21 .22 .23 .24 .25 .26 .27 .28 .29 .30 .31 .32 .33 .34 .35 .36 .37 .38 .39 .40 .41 .42 .43 .44 .45 .46 .47 .48 .49
9.9000 | .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .20 .21 .22 .23 .24 .25 .26 .27 .28 .29 .30 .31 .32 .33 .34 .35 .36 .37 .38 .39 .40 .41 .42 .43 .44 .45 .46 .47 .48 .49
10.1500 | .20 .21 .22 .23 .24 .25 .26 .27 .28 .29 .30 .31 .32 .33 .34 .35 .36 .37 .38 .39 .40 .41 .42 .43 .44 .45 .46 .47 .48 .49
10.4000 | .33 .34 .35 .36 .37 .38 .39 .40 .41 .42 .43 .44 .45 .46 .47 .48 .49
-----

```

asbuilt basin 1 2 and 4.txt

10. 6500	. 51	. 55	. 60	. 65	. 71
10. 9000	. 77	. 83	. 90	. 97	1. 04
11. 1500	1. 13	1. 23	1. 34	1. 47	1. 62
11. 4000	1. 77	1. 94	2. 13	2. 40	2. 89
11. 6500	3. 76	5. 24	7. 64	11. 14	16. 25
11. 9000	23. 47	32. 59	41. 26	46. 75	47. 49
12. 1500	43. 16	36. 01	28. 91	22. 99	18. 66
12. 4000	15. 65	13. 40	11. 63	10. 20	9. 04
12. 6500	8. 11	7. 36	6. 76	6. 28	5. 90
12. 9000	5. 60	5. 35	5. 13	4. 93	4. 76
13. 1500	4. 59	4. 44	4. 31	4. 19	4. 08
13. 4000	3. 98	3. 88	3. 78	3. 68	3. 59
13. 6500	3. 50	3. 42	3. 34	3. 26	3. 19
13. 9000	3. 12	3. 05	2. 98	2. 91	2. 85
14. 1500	2. 79	2. 73	2. 69	2. 65	2. 62
14. 4000	2. 59	2. 56	2. 53	2. 51	2. 49
14. 6500	2. 46	2. 44	2. 41	2. 39	2. 37
14. 9000	2. 34	2. 32	2. 30	2. 27	2. 25
15. 1500	2. 23	2. 20	2. 18	2. 16	2. 13
15. 4000	2. 11	2. 08	2. 06	2. 04	2. 01
15. 6500	1. 99	1. 96	1. 94	1. 92	1. 89
15. 9000	1. 87	1. 84	1. 82	1. 79	1. 77
16. 1500	1. 75	1. 73	1. 71	1. 70	1. 69
16. 4000	1. 68	1. 67	1. 66	1. 65	1. 64
16. 6500	1. 63	1. 62	1. 61	1. 60	1. 60
16. 9000	1. 59	1. 58	1. 57	1. 56	1. 55

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Pond Inflow Summary

Page 16.66

Name... BASIN5 IN

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
17. 1500	1. 54	1. 54	1. 53	1. 52	1. 51
17. 4000	1. 50	1. 49	1. 48	1. 48	1. 47
17. 6500	1. 46	1. 45	1. 44	1. 43	1. 42
17. 9000	1. 41	1. 41	1. 40	1. 39	1. 38
18. 1500	1. 37	1. 36	1. 35	1. 34	1. 33
18. 4000	1. 33	1. 32	1. 31	1. 30	1. 29
18. 6500	1. 28	1. 27	1. 26	1. 25	1. 25
18. 9000	1. 24	1. 23	1. 22	1. 21	1. 20
19. 1500	1. 19	1. 18	1. 17	1. 16	1. 15
19. 4000	1. 15	1. 14	1. 13	1. 12	1. 11
19. 6500	1. 10	1. 09	1. 08	1. 07	1. 06
19. 9000	1. 05	1. 04	1. 04	1. 03	1. 02
20. 1500	1. 01	1. 00	1. 00	. 99	. 99
20. 4000	. 99	. 99	. 98	. 98	. 98
20. 6500	. 98	. 98	. 97	. 97	. 97
20. 9000	. 97	. 97	. 97	. 96	. 96
21. 1500	. 96	. 96	. 96	. 96	. 95
21. 4000	. 95	. 95	. 95	. 95	. 95
21. 6500	. 94	. 94	. 94	. 94	. 94
21. 9000	. 94	. 93	. 93	. 93	. 93
22. 1500	. 93	. 93	. 92	. 92	. 92
22. 4000	. 92	. 92	. 91	. 91	. 91
22. 6500	. 91	. 91	. 91	. 90	. 90

asbuil t basin 1 2 and 4. txt

22. 9000	. 90	. 90	. 90	. 90	. 89
23. 1500	. 89	. 89	. 89	. 89	. 89
23. 4000	. 88	. 88	. 88	. 88	. 88
23. 6500	. 88	. 87	. 87	. 87	. 87
23. 9000	. 87	. 86	. 86	. 84	. 77
24. 1500	. 64	. 49	. 35	. 23	. 15
24. 4000	. 10	. 07	. 05	. 03	. 02
24. 6500	. 01	. 01	. 01	. 00	. 00
24. 9000	. 00				

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

Page 16.67

Name... BASIN5 IN

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: BASIN5 IN

HYG Di rectory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ADDLINK 120	BASIN5		BASIN5	25

INFLOWS TO: BASIN5 IN			Volume	Peak Time	Peak Flow
HYG file	HYG ID	HYG tag	cu. ft	hrs	cfs
	BASIN5	25	186272	12.1000	55.82

TOTAL FLOW INTO: BASIN5 IN			Volume	Peak Time	Peak Flow
HYG file	HYG ID	HYG tag	cu. ft	hrs	cfs
	BASIN5	IN 25	186272	12.1000	55.82

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

Page 16.68

Name... BASIN5 IN

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TOTAL NODE INFLOW...

HYG file =  
HYG ID = BASIN5 IN  
HYG Tag = 25

Peak Discharge = 55.82 cfs  
Time to Peak = 12.1000 hrs  
HYG Volume = 186272 cu. ft

asbuilt basin 1 2 and 4.txt

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

---

Time hrs					
8.9500	.00	.00	.01	.01	.02
9.2000	.03	.04	.06	.07	.09
9.4500	.10	.12	.13	.15	.16
9.7000	.18	.20	.21	.24	.26
9.9500	.28	.30	.33	.36	.38
10.2000	.41	.45	.48	.52	.56
10.4500	.60	.64	.68	.73	.78
10.7000	.84	.90	.96	1.03	1.11
10.9500	1.18	1.27	1.35	1.45	1.56
11.2000	1.68	1.82	1.98	2.16	2.35
11.4500	2.56	2.79	3.12	3.72	4.81
11.7000	6.63	9.57	13.80	19.88	28.40
11.9500	39.03	49.02	55.20	55.82	50.56
12.2000	42.08	33.72	26.76	21.68	18.16
12.4500	15.51	13.44	11.78	10.42	9.34
12.7000	8.47	7.78	7.22	6.78	6.43
12.9500	6.13	5.88	5.66	5.45	5.26
13.2000	5.09	4.94	4.80	4.67	4.55
13.4500	4.44	4.32	4.21	4.11	4.01
13.7000	3.91	3.82	3.73	3.64	3.56
13.9500	3.48	3.40	3.33	3.25	3.18
14.2000	3.12	3.07	3.03	2.99	2.95
14.4500	2.92	2.89	2.86	2.84	2.81
14.7000	2.78	2.75	2.73	2.70	2.67
14.9500	2.65	2.62	2.59	2.57	2.54
15.2000	2.51	2.48	2.46	2.43	2.40
15.4500	2.38	2.35	2.32	2.29	2.26
15.7000	2.24	2.21	2.18	2.15	2.13
15.9500	2.10	2.07	2.04	2.01	1.99
16.2000	1.97	1.95	1.93	1.92	1.91
16.4500	1.90	1.88	1.87	1.86	1.85

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

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Name... BASIN5 IN

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

---

Time hrs					
16.7000	1.84	1.83	1.82	1.81	1.80
16.9500	1.79	1.79	1.78	1.77	1.76
17.2000	1.75	1.74	1.73	1.72	1.71
17.4500	1.70	1.69	1.68	1.67	1.66
17.7000	1.65	1.64	1.63	1.62	1.61
17.9500	1.60	1.59	1.58	1.57	1.56
18.2000	1.55	1.54	1.53	1.52	1.51
18.4500	1.50	1.49	1.48	1.47	1.45
18.7000	1.44	1.43	1.42	1.41	1.40
18.9500	1.39	1.38	1.37	1.36	1.35
19.2000	1.34	1.33	1.32	1.31	1.30
19.4500	1.29	1.28	1.27	1.26	1.25
19.7000	1.24	1.23	1.22	1.21	1.20



asbuilt basin 1 2 and 4.txt

19. 9500	1. 19	1. 18	1. 16	1. 16	1. 15
20. 2000	1. 14	1. 13	1. 13	1. 12	1. 12
20. 4500	1. 12	1. 12	1. 11	1. 11	1. 11
20. 7000	1. 11	1. 10	1. 10	1. 10	1. 10
20. 9500	1. 10	1. 10	1. 09	1. 09	1. 09
21. 2000	1. 09	1. 09	1. 08	1. 08	1. 08
21. 4500	1. 08	1. 08	1. 07	1. 07	1. 07
21. 7000	1. 07	1. 07	1. 06	1. 06	1. 06
21. 9500	1. 06	1. 06	1. 05	1. 05	1. 05
22. 2000	1. 05	1. 05	1. 04	1. 04	1. 04
22. 4500	1. 04	1. 04	1. 03	1. 03	1. 03
22. 7000	1. 03	1. 03	1. 02	1. 02	1. 02
22. 9500	1. 02	1. 02	1. 01	1. 01	1. 01
23. 2000	1. 01	1. 01	1. 00	1. 00	1. 00
23. 4500	1. 00	1. 00	. 99	. 99	. 99
23. 7000	. 99	. 99	. 98	. 98	. 98
23. 9500	. 98	. 97	. 95	. 87	. 73
24. 2000	. 55	. 39	. 26	. 17	. 12
24. 4500	. 08	. 05	. 03	. 02	. 02
24. 7000	. 01	. 01	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

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Name... BASIN5 IN

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: BASIN5 IN

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ADDLINK 120	BASIN5		BASIN5	100

INFLOWS TO: BASIN5 IN		Volume	Peak Time	Peak Flow
HYG file	HYG ID	cu. ft	hrs	cfs
	BASIN5	260841	12. 1000	78. 24

TOTAL FLOW INTO: BASIN5 IN		Volume	Peak Time	Peak Flow
HYG file	HYG ID	cu. ft	hrs	cfs
	BASIN5 IN	260841	12. 1000	78. 24

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

Page 16. 71

Name... BASIN5 IN

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

asbuilt basin 1 2 and 4.txt

TOTAL NODE INFLOW...

HYG file =  
 HYG ID = BASIN5 IN  
 HYG Tag = 100

-----  
 Peak Discharge = 78.24 cfs  
 Time to Peak = 12.1000 hrs  
 HYG Volume = 260841 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
7.9500	.00	.00	.01	.01	.02
8.2000	.03	.04	.05	.06	.08
8.4500	.09	.11	.12	.14	.16
8.7000	.17	.19	.21	.23	.26
8.9500	.28	.30	.32	.35	.37
9.2000	.39	.42	.44	.46	.48
9.4500	.50	.52	.54	.56	.59
9.7000	.61	.64	.67	.70	.74
9.9500	.78	.82	.86	.90	.95
10.2000	1.00	1.05	1.11	1.17	1.23
10.4500	1.30	1.37	1.44	1.51	1.59
10.7000	1.68	1.78	1.88	1.99	2.11
10.9500	2.23	2.35	2.49	2.64	2.80
11.2000	2.99	3.21	3.46	3.73	4.02
11.4500	4.33	4.68	5.19	6.12	7.79
11.7000	10.57	14.98	21.21	29.98	41.98
11.9500	56.65	70.10	78.04	78.24	70.42
12.2000	58.33	46.56	36.83	29.72	24.81
12.4500	21.12	18.25	15.95	14.08	12.60
12.7000	11.40	10.45	9.69	9.09	8.61
12.9500	8.21	7.87	7.56	7.29	7.03
13.2000	6.80	6.59	6.40	6.23	6.07
13.4500	5.91	5.76	5.61	5.47	5.33
13.7000	5.20	5.07	4.96	4.84	4.73
13.9500	4.63	4.52	4.42	4.32	4.23
14.2000	4.14	4.07	4.01	3.96	3.92
14.4500	3.87	3.83	3.79	3.76	3.72
14.7000	3.68	3.65	3.61	3.57	3.54
14.9500	3.50	3.47	3.43	3.39	3.36
15.2000	3.32	3.28	3.25	3.21	3.17
15.4500	3.14	3.10	3.06	3.03	2.99

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

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Name... BASIN5 IN

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
15.7000	2.95	2.92	2.88	2.84	2.80
15.9500	2.77	2.73	2.69	2.66	2.62

asbuilt basin 1 2 and 4.txt

16. 2000	2. 59	2. 57	2. 55	2. 53	2. 51
16. 4500	2. 50	2. 48	2. 47	2. 45	2. 44
16. 7000	2. 43	2. 41	2. 40	2. 39	2. 38
16. 9500	2. 36	2. 35	2. 34	2. 32	2. 31
17. 2000	2. 30	2. 28	2. 27	2. 26	2. 24
17. 4500	2. 23	2. 22	2. 20	2. 19	2. 18
17. 7000	2. 16	2. 15	2. 14	2. 12	2. 11
17. 9500	2. 10	2. 08	2. 07	2. 06	2. 04
18. 2000	2. 03	2. 02	2. 00	1. 99	1. 98
18. 4500	1. 96	1. 95	1. 94	1. 92	1. 91
18. 7000	1. 90	1. 88	1. 87	1. 85	1. 84
18. 9500	1. 83	1. 81	1. 80	1. 79	1. 77
19. 2000	1. 76	1. 75	1. 73	1. 72	1. 70
19. 4500	1. 69	1. 68	1. 66	1. 65	1. 64
19. 7000	1. 62	1. 61	1. 59	1. 58	1. 57
19. 9500	1. 55	1. 54	1. 53	1. 51	1. 50
20. 2000	1. 49	1. 48	1. 48	1. 47	1. 47
20. 4500	1. 46	1. 46	1. 46	1. 45	1. 45
20. 7000	1. 45	1. 45	1. 44	1. 44	1. 44
20. 9500	1. 44	1. 43	1. 43	1. 43	1. 42
21. 2000	1. 42	1. 42	1. 42	1. 41	1. 41
21. 4500	1. 41	1. 41	1. 40	1. 40	1. 40
21. 7000	1. 40	1. 39	1. 39	1. 39	1. 39
21. 9500	1. 38	1. 38	1. 38	1. 38	1. 37
22. 2000	1. 37	1. 37	1. 36	1. 36	1. 36
22. 4500	1. 36	1. 35	1. 35	1. 35	1. 35
22. 7000	1. 34	1. 34	1. 34	1. 34	1. 33
22. 9500	1. 33	1. 33	1. 33	1. 32	1. 32
23. 2000	1. 32	1. 31	1. 31	1. 31	1. 31
23. 4500	1. 30	1. 30	1. 30	1. 30	1. 29
23. 7000	1. 29	1. 29	1. 29	1. 28	1. 28
23. 9500	1. 28	1. 27	1. 24	1. 13	. 95
24. 2000	. 72	. 51	. 34	. 23	. 15
24. 4500	. 10	. 07	. 05	. 03	. 02
24. 7000	. 01	. 01	. 00	. 00	. 00
24. 9500	. 00				

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routing Summary

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Name... BASIN5 OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

LEVEL POOL ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - BASIN5 IN 15  
 Outflow HYG file = NONE STORED - BASIN5 OUT 15

Pond Node Data = BASIN5  
 Pond Volume Data = BASIN5  
 Pond Outlet Data = Outlet 6

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 548. 70 ft  
 Starting Volume = 5175 cu. ft  
 Starting Outflow = . 00 cfs

asbuilt basin 1 2 and 4.txt

Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

```

=====
Peak Inflow      = 47.49 cfs at 12.1000 hrs
Peak Outflow     = 7.68 cfs at 12.7000 hrs
-----
Peak Elevation   = 557.82 ft
Peak Storage     = 69784 cu. ft
=====
  
```

MASS BALANCE (cu. ft)

```

-----
+ Initial Vol    = 5175
+ HYG Vol IN     = 158941
- Infiltration   = 0
- HYG Vol OUT    = 158924
- Retained Vol   = 5192
-----
Unrouted Vol = - cu. ft (.000% of Inflow Volume)
  
```

S/N: \_\_\_\_\_  
 PondPack Ver: \_\_\_\_\_ Compute Time: \_\_\_\_\_ Date: \_\_\_\_\_

♀ Type... Pond Routed HYG (total out) Page 16.74  
 Name... BASIN5 OUT Tag: 15 Event: 15 yr  
 File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... Type I 24hr Tag: 15

POND ROUTED TOTAL OUTFLOW HYG...

HYG file = \_\_\_\_\_  
 HYG ID = BASIN5 OUT  
 HYG Tag = 15

```

-----
Peak Discharge = 7.68 cfs
Time to Peak   = 12.7000 hrs
HYG Volume     = 158924 cu. ft
-----
  
```

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs					
9.4000	.00	.00	.00	.00	.00	.00
9.6500	.00	.00	.00	.01	.01	.01
9.9000	.01	.01	.02	.02	.02	.02
10.1500	.03	.04	.04	.05	.06	.06
10.4000	.07	.09	.10	.12	.14	.14
10.6500	.16	.18	.21	.24	.27	.27
10.9000	.31	.34	.38	.43	.48	.48
11.1500	.53	.59	.65	.72	.80	.80
11.4000	.88	.98	1.08	1.20	1.35	1.35
11.6500	1.56	1.89	2.25	2.62	3.08	3.08
11.9000	3.61	4.20	4.80	5.35	5.81	5.81
12.1500	6.18	6.45	6.65	6.78	6.87	6.87

asbuilt basin 1 2 and 4.txt

12. 4000	6.94	6.99	7.02	7.16	7.43
12. 6500	7.67	7.68	7.55	7.38	7.24
12. 9000	7.08	7.03	7.02	7.01	6.99
13. 1500	6.98	6.96	6.95	6.93	6.91
13. 4000	6.89	6.87	6.85	6.83	6.81
13. 6500	6.79	6.77	6.75	6.72	6.70
13. 9000	6.67	6.65	6.62	6.60	6.57
14. 1500	6.54	6.51	6.48	6.45	6.42
14. 4000	6.39	6.36	6.33	6.30	6.27
14. 6500	6.24	6.21	6.17	6.14	6.11
14. 9000	6.07	6.04	6.01	5.97	5.94
15. 1500	5.90	5.86	5.83	5.79	5.75
15. 4000	5.71	5.68	5.64	5.60	5.56
15. 6500	5.52	5.48	5.43	5.39	5.35
15. 9000	5.31	5.26	5.22	5.17	5.13
16. 1500	5.08	5.03	4.98	4.94	4.89
16. 4000	4.84	4.79	4.74	4.69	4.63
16. 6500	4.58	4.53	4.48	4.42	4.37
16. 9000	4.31	4.26	4.20	4.15	4.09

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16.75

Name... BASIN5 OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
17. 1500	4.03	3.98	3.92	3.86	3.80
17. 4000	3.74	3.68	3.62	3.56	3.50
17. 6500	3.44	3.38	3.32	3.25	3.19
17. 9000	3.13	3.07	3.00	2.94	2.88
18. 1500	2.82	2.75	2.69	2.63	2.57
18. 4000	2.51	2.45	2.39	2.33	2.27
18. 6500	2.21	2.16	2.09	2.02	1.95
18. 9000	1.87	1.80	1.74	1.68	1.63
19. 1500	1.58	1.54	1.50	1.46	1.43
19. 4000	1.40	1.37	1.35	1.32	1.30
19. 6500	1.28	1.26	1.24	1.23	1.21
19. 9000	1.20	1.18	1.17	1.15	1.14
20. 1500	1.13	1.11	1.10	1.09	1.08
20. 4000	1.07	1.06	1.06	1.05	1.04
20. 6500	1.04	1.03	1.02	1.02	1.01
20. 9000	1.01	1.01	1.00	1.00	.99
21. 1500	.99	.99	.99	.98	.98
21. 4000	.98	.97	.97	.97	.97
21. 6500	.97	.96	.96	.96	.96
21. 9000	.95	.95	.95	.95	.95
22. 1500	.94	.94	.94	.94	.94
22. 4000	.94	.93	.93	.93	.93
22. 6500	.93	.92	.92	.92	.92
22. 9000	.92	.92	.91	.91	.91
23. 1500	.91	.91	.91	.90	.90
23. 4000	.90	.90	.90	.90	.89
23. 6500	.89	.89	.89	.89	.88
23. 9000	.88	.88	.88	.88	.87
24. 1500	.85	.83	.79	.74	.69
24. 4000	.64	.59	.54	.50	.46

asbuilt basin 1 2 and 4.txt

24. 6500	.42	.39	.36	.33	.31
24. 9000	.28	.26	.24	.23	.21
25. 1500	.20	.19	.17	.16	.15
25. 4000	.14	.13	.13	.12	.11
25. 6500	.11	.10	.10	.09	.09
25. 9000	.08	.08	.07	.07	.07
26. 1500	.06	.06	.06	.05	.05
26. 4000	.05	.05	.04	.04	.04
26. 6500	.04	.04	.04	.04	.04
26. 9000	.04	.03	.03	.03	.03
27. 1500	.03	.03	.03	.03	.03
27. 4000	.03	.03	.02	.02	.02
27. 6500	.02	.02	.02	.02	.02
27. 9000	.02	.02	.02	.02	.02
28. 1500	.02	.02	.02	.02	.01

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out) Page 16.76

Name... BASIN5 OUT Tag: 15 Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
28. 4000	.01	.01	.01	.01	.01
28. 6500	.01	.01	.01	.01	.01
28. 9000	.01	.01	.01	.01	.01
29. 1500	.01	.01	.01	.01	.01
29. 4000	.01	.01	.01	.01	.01
29. 6500	.01	.01	.01	.01	.01
29. 9000	.01	.01	.01	.01	.01
30. 1500	.00	.00	.00	.00	.00
30. 4000	.00	.00	.00	.00	.00
30. 6500	.00	.00	.00	.00	.00
30. 9000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routing Summary Page 16.77

Name... BASIN5 OUT Tag: 25 Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 25

LEVEL POOL ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Inflow HYG file = NONE STORED - BASIN5 IN 25

Outflow HYG file = NONE STORED - BASIN5 OUT 25

Pond Node Data = BASIN5

Pond Volume Data = BASIN5

Pond Outlet Data = Outlet 6

No Infiltration

INITIAL CONDITIONS

asbuilt basin 1 2 and 4.txt

```

-----
Starting WS Elev = 548.70 ft
Starting Volume = 5175 cu.ft
Starting Outflow = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout = .00 cfs
Time Increment = .0500 hrs
    
```

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

```

=====
Peak Inflow = 55.82 cfs at 12.1000 hrs
Peak Outflow = 18.34 cfs at 12.4000 hrs
-----
Peak Elevation = 558.23 ft
Peak Storage = 75017 cu.ft
=====
    
```

MASS BALANCE (cu. ft)

```

-----
+ Initial Vol = 5175
+ HYG Vol IN = 186272
- Infiltration = 0
- HYG Vol OUT = 186254
- Retained Vol = 5192
-----
Unrouted Vol = - cu. ft (.000% of Inflow Volume)
    
```

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16.78

Name... BASIN5 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

POND ROUTED TOTAL OUTFLOW HYG...

```

HYG file =
HYG ID = BASIN5 OUT
HYG Tag = 25
    
```

```

-----
Peak Discharge = 18.34 cfs
Time to Peak = 12.4000 hrs
HYG Volume = 186254 cu.ft
-----
    
```

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs						
8.9500	.00	.00	.00	.00	.00	.00
9.2000	.00	.00	.00	.00	.01	.01
9.4500	.01	.01	.02	.02	.02	.02
9.7000	.03	.03	.04	.04	.04	.05
9.9500	.06	.08	.09	.10	.10	.12
10.2000	.13	.15	.17	.19	.19	.21
10.4500	.24	.27	.30	.33	.33	.36
10.7000	.39	.43	.47	.52	.52	.57

asbuilt basin 1 2 and 4.txt

10. 9500	. 62	. 67	. 73	. 80	. 86
11. 2000	. 94	1. 02	1. 11	1. 21	1. 31
11. 4500	1. 44	1. 57	1. 72	1. 91	2. 12
11. 7000	2. 34	2. 63	3. 01	3. 47	4. 01
11. 9500	4. 60	5. 20	5. 75	6. 22	6. 59
12. 2000	6. 86	7. 35	13. 40	17. 30	18. 34
12. 4500	17. 74	16. 50	15. 08	13. 66	12. 42
12. 7000	11. 27	10. 39	9. 58	8. 90	8. 42
12. 9500	7. 98	7. 57	7. 30	7. 11	7. 03
13. 2000	7. 02	7. 01	6. 99	6. 98	6. 97
13. 4500	6. 95	6. 93	6. 92	6. 90	6. 88
13. 7000	6. 86	6. 84	6. 82	6. 80	6. 78
13. 9500	6. 76	6. 73	6. 71	6. 69	6. 66
14. 2000	6. 64	6. 61	6. 59	6. 56	6. 53
14. 4500	6. 51	6. 48	6. 45	6. 42	6. 40
14. 7000	6. 37	6. 34	6. 31	6. 28	6. 25
14. 9500	6. 22	6. 19	6. 16	6. 13	6. 10
15. 2000	6. 06	6. 03	6. 00	5. 96	5. 93
15. 4500	5. 90	5. 86	5. 83	5. 79	5. 75
15. 7000	5. 72	5. 68	5. 64	5. 60	5. 57
15. 9500	5. 53	5. 49	5. 45	5. 40	5. 36
16. 2000	5. 32	5. 28	5. 24	5. 19	5. 15
16. 4500	5. 10	5. 06	5. 01	4. 97	4. 92

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16. 79

Name... BASIN5 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time hrs Time on left represents time for first value in each row.

16. 7000	4. 87	4. 83	4. 78	4. 73	4. 68
16. 9500	4. 63	4. 58	4. 53	4. 48	4. 43
17. 2000	4. 38	4. 33	4. 28	4. 23	4. 17
17. 4500	4. 12	4. 07	4. 01	3. 96	3. 90
17. 7000	3. 85	3. 79	3. 74	3. 68	3. 62
17. 9500	3. 57	3. 51	3. 45	3. 39	3. 34
18. 2000	3. 28	3. 22	3. 16	3. 10	3. 04
18. 4500	2. 99	2. 93	2. 87	2. 81	2. 75
18. 7000	2. 69	2. 64	2. 58	2. 52	2. 47
18. 9500	2. 41	2. 36	2. 30	2. 25	2. 20
19. 2000	2. 15	2. 08	2. 02	1. 95	1. 88
19. 4500	1. 82	1. 76	1. 71	1. 66	1. 61
19. 7000	1. 57	1. 54	1. 50	1. 47	1. 44
19. 9500	1. 42	1. 39	1. 37	1. 35	1. 32
20. 2000	1. 31	1. 29	1. 27	1. 26	1. 24
20. 4500	1. 23	1. 22	1. 21	1. 20	1. 19
20. 7000	1. 18	1. 17	1. 17	1. 16	1. 15
20. 9500	1. 15	1. 14	1. 14	1. 13	1. 13
21. 2000	1. 12	1. 12	1. 12	1. 11	1. 11
21. 4500	1. 11	1. 10	1. 10	1. 10	1. 09
21. 7000	1. 09	1. 09	1. 09	1. 08	1. 08
21. 9500	1. 08	1. 08	1. 08	1. 07	1. 07
22. 2000	1. 07	1. 07	1. 06	1. 06	1. 06
22. 4500	1. 06	1. 06	1. 05	1. 05	1. 05
22. 7000	1. 05	1. 05	1. 04	1. 04	1. 04
22. 9500	1. 04	1. 04	1. 03	1. 03	1. 03



asbuilt basin 1 2 and 4.txt

23. 2000	1. 03	1. 03	1. 02	1. 02	1. 02
23. 4500	1. 02	1. 02	1. 01	1. 01	1. 01
23. 7000	1. 01	1. 01	1. 00	1. 00	1. 00
23. 9500	1. 00	1. 00	. 99	. 98	. 97
24. 2000	. 93	. 89	. 83	. 78	. 72
24. 4500	. 66	. 61	. 56	. 51	. 47
24. 7000	. 43	. 40	. 37	. 34	. 31
24. 9500	. 29	. 27	. 25	. 23	. 22
25. 2000	. 20	. 19	. 18	. 16	. 15
25. 4500	. 14	. 13	. 13	. 12	. 11
25. 7000	. 11	. 10	. 10	. 09	. 09
25. 9500	. 08	. 08	. 07	. 07	. 07
26. 2000	. 06	. 06	. 06	. 05	. 05
26. 4500	. 05	. 05	. 04	. 04	. 04
26. 7000	. 04	. 04	. 04	. 04	. 04
26. 9500	. 04	. 03	. 03	. 03	. 03
27. 2000	. 03	. 03	. 03	. 03	. 03
27. 4500	. 03	. 03	. 02	. 02	. 02
27. 7000	. 02	. 02	. 02	. 02	. 02

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16. 80

Name... BASIN5 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
27. 9500	. 02	. 02	. 02	. 02	. 02
28. 2000	. 02	. 02	. 02	. 02	. 01
28. 4500	. 01	. 01	. 01	. 01	. 01
28. 7000	. 01	. 01	. 01	. 01	. 01
28. 9500	. 01	. 01	. 01	. 01	. 01
29. 2000	. 01	. 01	. 01	. 01	. 01
29. 4500	. 01	. 01	. 01	. 01	. 01
29. 7000	. 01	. 01	. 01	. 01	. 01
29. 9500	. 01	. 01	. 01	. 01	. 01
30. 2000	. 00	. 00	. 00	. 00	. 00
30. 4500	. 00	. 00	. 00	. 00	. 00
30. 7000	. 00	. 00	. 00	. 00	. 00
30. 9500	. 00	. 00	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routing Summary

Page 16. 81

Name... BASIN5 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

LEVEL POOL ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Inflow HYG file = NONE STORED - BASIN5 IN 100

Outflow HYG file = NONE STORED - BASIN5 OUT 100

Pond Node Data = BASIN5

asbuilt basin 1 2 and 4.txt

Pond Volume Data = BASIN5  
Pond Outlet Data = Outlet 6

No Infiltration

INITIAL CONDITIONS

-----  
Starting WS Elev = 548.70 ft  
Starting Volume = 5175 cu. ft  
Starting Outflow = .00 cfs  
Starting Infiltr. = .00 cfs  
Starting Total Qout = .00 cfs  
Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

-----  
Peak Inflow = 78.24 cfs at 12.1000 hrs  
Peak Outflow = 50.84 cfs at 12.2500 hrs  
-----  
Peak Elevation = 558.95 ft  
Peak Storage = 84596 cu. ft  
-----

MASS BALANCE (cu. ft)

-----  
+ Initial Vol = 5175  
+ HYG Vol IN = 260841  
- Infiltration = 0  
- HYG Vol OUT = 260823  
- Retained Vol = 5192  
-----

Unrouted Vol = - cu. ft (.000% of Inflow Volume)

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16.82

Name... BASIN5 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

POND ROUTED TOTAL OUTFLOW HYG...

HYG file =  
HYG ID = BASIN5 OUT  
HYG Tag = 100

-----  
Peak Discharge = 50.84 cfs  
Time to Peak = 12.2500 hrs  
HYG Volume = 260823 cu. ft  
-----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
7.9500	.00	.00	.00	.00	.00
8.2000	.00	.00	.00	.01	.01

asbuilt basin 1 2 and 4.txt

8. 4500	.01	.01	.02	.02	.02
8. 7000	.03	.03	.04	.04	.05
8. 9500	.06	.07	.09	.10	.11
9. 2000	.13	.14	.16	.18	.20
9. 4500	.22	.24	.26	.28	.30
9. 7000	.33	.35	.37	.40	.42
9. 9500	.45	.48	.51	.54	.58
10. 2000	.61	.65	.69	.73	.77
10. 4500	.82	.87	.92	.98	1.03
10. 7000	1.09	1.16	1.23	1.30	1.38
10. 9500	1.46	1.55	1.65	1.75	1.85
11. 2000	1.97	2.06	2.16	2.25	2.34
11. 4500	2.44	2.54	2.66	2.79	2.96
11. 7000	3.19	3.50	3.89	4.36	4.90
11. 9500	5.49	6.08	6.63	8.58	33.93
12. 2000	49.08	50.84	46.12	39.66	33.65
12. 4500	28.69	24.69	21.48	18.87	16.72
12. 7000	14.99	13.56	12.41	11.42	10.68
12. 9500	10.04	9.48	9.00	8.67	8.35
13. 2000	8.06	7.77	7.51	7.34	7.21
13. 4500	7.08	7.03	7.02	7.01	7.00
13. 7000	6.99	6.98	6.97	6.96	6.94
13. 9500	6.93	6.91	6.90	6.88	6.87
14. 2000	6.85	6.83	6.81	6.79	6.77
14. 4500	6.75	6.73	6.71	6.69	6.67
14. 7000	6.65	6.63	6.61	6.59	6.56
14. 9500	6.54	6.52	6.50	6.47	6.45
15. 2000	6.43	6.40	6.38	6.35	6.33
15. 4500	6.30	6.27	6.25	6.22	6.19

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16.83

Name... BASIN5 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
15. 7000	6.16	6.14	6.11	6.08	6.05
15. 9500	6.02	5.99	5.96	5.93	5.89
16. 2000	5.86	5.83	5.80	5.76	5.73
16. 4500	5.69	5.66	5.62	5.59	5.55
16. 7000	5.52	5.48	5.45	5.41	5.37
16. 9500	5.34	5.30	5.26	5.22	5.18
17. 2000	5.15	5.11	5.07	5.03	4.99
17. 4500	4.95	4.91	4.86	4.82	4.78
17. 7000	4.74	4.70	4.65	4.61	4.57
17. 9500	4.52	4.48	4.43	4.39	4.34
18. 2000	4.30	4.25	4.20	4.16	4.11
18. 4500	4.06	4.02	3.97	3.92	3.87
18. 7000	3.82	3.77	3.72	3.67	3.62
18. 9500	3.57	3.52	3.47	3.42	3.37
19. 2000	3.32	3.27	3.21	3.16	3.11
19. 4500	3.06	3.01	2.96	2.90	2.85
19. 7000	2.80	2.75	2.70	2.65	2.60
19. 9500	2.55	2.50	2.45	2.40	2.35
20. 2000	2.31	2.26	2.21	2.17	2.12
20. 4500	2.06	2.01	1.97	1.91	1.86

asbuilt basin 1 2 and 4.txt

20. 7000	1. 81	1. 77	1. 74	1. 71	1. 68
20. 9500	1. 65	1. 63	1. 61	1. 59	1. 57
21. 2000	1. 55	1. 54	1. 53	1. 51	1. 50
21. 4500	1. 49	1. 48	1. 48	1. 47	1. 46
21. 7000	1. 45	1. 45	1. 44	1. 44	1. 43
21. 9500	1. 43	1. 42	1. 42	1. 41	1. 41
22. 2000	1. 40	1. 40	1. 40	1. 39	1. 39
22. 4500	1. 39	1. 38	1. 38	1. 38	1. 37
22. 7000	1. 37	1. 37	1. 36	1. 36	1. 36
22. 9500	1. 36	1. 35	1. 35	1. 35	1. 34
23. 2000	1. 34	1. 34	1. 34	1. 33	1. 33
23. 4500	1. 33	1. 33	1. 32	1. 32	1. 32
23. 7000	1. 31	1. 31	1. 31	1. 31	1. 30
23. 9500	1. 30	1. 30	1. 29	1. 28	1. 26
24. 2000	1. 21	1. 15	1. 08	1. 00	. 92
24. 4500	. 84	. 77	. 70	. 64	. 59
24. 7000	. 54	. 49	. 45	. 41	. 38
24. 9500	. 35	. 32	. 30	. 28	. 26
25. 2000	. 24	. 22	. 21	. 19	. 18
25. 4500	. 17	. 16	. 15	. 14	. 13
25. 7000	. 12	. 12	. 11	. 10	. 10
25. 9500	. 09	. 09	. 08	. 08	. 08
26. 2000	. 07	. 07	. 06	. 06	. 06
26. 4500	. 05	. 05	. 05	. 05	. 05
26. 7000	. 04	. 04	. 04	. 04	. 04

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Pond Routed HYG (total out)

Page 16. 84

Name... BASIN5 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
26. 9500	. 04	. 04	. 04	. 03	. 03
27. 2000	. 03	. 03	. 03	. 03	. 03
27. 4500	. 03	. 03	. 03	. 03	. 02
27. 7000	. 02	. 02	. 02	. 02	. 02
27. 9500	. 02	. 02	. 02	. 02	. 02
28. 2000	. 02	. 02	. 02	. 02	. 02
28. 4500	. 02	. 01	. 01	. 01	. 01
28. 7000	. 01	. 01	. 01	. 01	. 01
28. 9500	. 01	. 01	. 01	. 01	. 01
29. 2000	. 01	. 01	. 01	. 01	. 01
29. 4500	. 01	. 01	. 01	. 01	. 01
29. 7000	. 01	. 01	. 01	. 01	. 01
29. 9500	. 01	. 01	. 01	. 01	. 01
30. 2000	. 01	. 01	. 00	. 00	. 00
30. 4500	. 00	. 00	. 00	. 00	. 00
30. 7000	. 00	. 00	. 00	. 00	. 00
30. 9500	. 00	. 00	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Pond E-V-Q Table

Page 16. 85

Name... POND1

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - POND1 IN 15  
 Outflow HYG file = NONE STORED - POND1 OUT 15

Pond Node Data = POND1  
 Pond Volume Data = POND1  
 Pond Outlet Data = Outlet 1

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 599.48 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
599.48	.00	0	148186	.00	.00	.00
599.58	1.42	14877	149426	.00	1.42	166.72
599.68	4.03	29887	150672	.00	4.03	336.11
599.78	7.39	45013	151923	.00	7.39	507.54
599.88	11.39	60274	153179	.00	11.39	681.10
599.98	15.91	75651	154440	.00	15.91	856.48
600.08	20.91	91153	155659	.00	20.91	1033.72
600.18	26.36	106785	156872	.00	26.36	1212.85
600.28	32.20	122529	158089	.00	32.20	1393.63
600.38	38.42	138405	159311	.00	38.42	1576.25
600.48	45.00	154393	160537	.00	45.00	1760.48
600.58	51.91	170504	161768	.00	51.91	1946.41
600.68	59.15	186749	163004	.00	59.15	2134.14
600.78	66.70	203107	164244	.00	66.70	2323.45
600.88	74.54	219600	165490	.00	74.54	2514.54
600.98	82.53	236207	166740	.00	82.53	2707.05
601.08	85.23	252940	167994	.00	85.23	2895.68
601.18	87.86	269808	169254	.00	87.86	3085.73
601.28	90.40	286793	170518	.00	90.40	3276.99
601.38	92.88	303914	171787	.00	92.88	3469.71

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond E-V-Q Table

Page 16.86

Name... POND1

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - POND1 IN 15  
 Outflow HYG file = NONE STORED - POND1 OUT 15

Pond Node Data = POND1  
 Pond Volume Data = POND1

asbuilt basin 1 2 and 4.txt

Pond Outlet Data = Outlet 1

No Infiltration

INITIAL CONDITIONS

```

-----
Starting WS Elev   = 599.48 ft
Starting Volume   = 0 cu. ft
Starting Outflow  = .00 cfs
Starting Infiltr. = .00 cfs
Starting Total Qout = .00 cfs
Time Increment    = .0500 hrs

```

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
601.48	95.29	321152	173060	.00	95.29	3663.65
601.58	97.65	338518	174338	.00	97.65	3858.96
601.68	99.94	356022	175621	.00	99.94	4055.75
601.78	102.19	373644	176908	.00	102.19	4253.79
601.88	104.39	391406	178201	.00	104.39	4453.35
601.98	106.54	409287	179498	.00	106.54	4654.17
602.08	108.65	427283	180449	.00	108.65	4856.24
602.18	110.72	445378	181314	.00	110.72	5059.37
602.28	112.75	463548	182182	.00	112.75	5263.29
602.38	114.75	481817	183051	.00	114.75	5468.27
602.48	116.71	500161	183923	.00	116.71	5674.05
602.58	118.64	518592	184796	.00	118.64	5880.78
602.68	120.54	537123	185673	.00	120.54	6088.57
602.78	122.41	555729	186550	.00	122.41	6297.17
602.88	124.25	574435	187430	.00	124.25	6506.86
602.98	126.06	593217	188312	.00	126.06	6717.37
603.08	127.85	612088	189196	.00	127.85	6928.83
603.18	129.61	631059	190083	.00	129.61	7141.38
603.28	131.35	650107	190971	.00	131.35	7354.76
603.38	133.07	669256	191861	.00	133.07	7569.24

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type. . . . Pond E-V-Q Table

Page 16.87

Name. . . . POND1

File. . . . \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

```

HYG Dir           = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\
Inflow HYG file  = NONE STORED - POND1           IN 15
Outflow HYG file = NONE STORED - POND1           OUT 15

```

```

Pond Node Data = POND1
Pond Volume Data = POND1
Pond Outlet Data = Outlet 1

```

No Infiltration

INITIAL CONDITIONS

```

-----
Starting WS Elev   = 599.48 ft
Starting Volume   = 0 cu. ft
Starting Outflow  = .00 cfs
Starting Infiltr. = .00 cfs

```

Starting Total Qout= asbuilt basin 1 2 and 4.txt  
 Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
603.48	134.76	688482	192753	.00	134.76	7784.56
603.58	136.44	707797	193647	.00	136.44	8000.85
603.68	138.09	727214	194544	.00	138.09	8218.24
603.78	139.73	746708	195443	.00	139.73	8436.48
603.88	141.34	766305	196344	.00	141.34	8655.84
603.98	142.94	785979	197246	.00	142.94	8876.04
604.08	144.52	805747	198222	.00	144.52	9097.27
604.18	146.08	825626	199218	.00	146.08	9319.71
604.28	147.63	845593	200217	.00	147.63	9543.11
604.38	149.16	865672	201219	.00	149.16	9767.74
604.48	150.67	885839	202222	.00	150.67	9993.33
604.58	152.17	906107	203228	.00	152.17	10220.03
604.68	153.66	926488	204237	.00	153.66	10447.96
604.78	155.13	946957	205248	.00	155.13	10676.87
604.88	156.58	967540	206262	.00	156.58	10907.03
604.98	158.03	988212	207278	.00	158.03	11138.16
605.08	159.46	1008986	208297	.00	159.46	11370.41
605.18	160.87	1029874	209319	.00	160.87	11603.92
605.28	162.28	1050852	210342	.00	162.28	11838.41
605.38	163.67	1071945	211369	.00	163.67	12074.17

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Pond E-V-Q Table

Page 16.88

Name... POND1

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

LEVEL POOL ROUTING DATA

HYG Dir = \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

Inflow HYG file = NONE STORED - POND1 IN 15

Outflow HYG file = NONE STORED - POND1 OUT 15

Pond Node Data = POND1

Pond Volume Data = POND1

Pond Outlet Data = Outlet 1

No Infiltration

INITIAL CONDITIONS

Starting WS Elev = 599.48 ft

Starting Volume = 0 cu. ft

Starting Outflow = .00 cfs

Starting Infiltr. = .00 cfs

Starting Total Qout= .00 cfs

Time Increment = .0500 hrs

Elevation ft	Outflow cfs	Storage cu. ft	Area sq. ft	Infiltr. cfs	Q Total cfs	2S/t + 0 cfs
605.48	165.05	1093128	212397	.00	165.05	12310.92
605.58	166.42	1114414	213428	.00	166.42	12548.80
605.68	167.78	1135817	214462	.00	167.78	12787.97
605.78	169.13	1157309	215498	.00	169.13	13028.12

asbuilt basin 1 2 and 4.txt

605.88	170.47	1178919	216537	.00	170.47	13269.57
605.98	171.79	1200620	217578	.00	171.79	13512.01
606.08	173.11	1222415	218390	.00	173.11	13755.50
606.18	174.42	1244300	219145	.00	174.42	13999.97
606.28	175.71	1266247	219901	.00	175.71	14245.12
606.38	177.00	1288283	220659	.00	177.00	14491.25
606.48	178.28	1310381	221418	.00	178.28	14738.07
606.50	178.53	1314815	221570	.00	178.53	14787.59

S/N:

PondPack Ver:

Compute Time:

Date:

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Type.... Node: Pond Inflow Summary

Page 16.89

Name.... POND1 IN

Event: 15 yr

File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: POND1 IN

HYG Directory: \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ADDLINK 20	ONSITE1		ONSITE1	15
ADDLINK 10	OFFSITE1		OFFSITE1	15
ADDLINK 30	OFFSITE2		OFFSITE2	15

INFLOWS TO: POND1 IN			Volume	Peak Time	Peak Flow
HYG file	HYG ID	HYG tag	cu. ft	hrs	cfs
	ONSITE1	15	1051818	12.1500	245.42
	OFFSITE1	15	436060	12.1000	122.22
	OFFSITE2	15	395369	12.2000	85.65

TOTAL FLOW INTO: POND1 IN			Volume	Peak Time	Peak Flow
HYG file	HYG ID	HYG tag	cu. ft	hrs	cfs
	POND1	IN 15	1883248	12.1500	440.41

S/N:

PondPack Ver:

Compute Time:

Date:

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Type.... Node: Pond Inflow Summary

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Name.... POND1 IN

Event: 15 yr

File.... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

TOTAL NODE INFLOW...

HYG file =  
HYG ID = POND1 IN  
HYG Tag = 15

Peak Discharge = 440.41 cfs



asbuilt basin 1 2 and 4.txt  
 Time to Peak = 12.1500 hrs  
 HYG Volume = 1883248 cu. ft

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

---

Time hrs					
3. 6500	.00	.00	.00	.01	.02
3. 9000	.04	.06	.09	.12	.16
4. 1500	.19	.23	.28	.32	.36
4. 4000	.41	.46	.50	.55	.60
4. 6500	.65	.70	.75	.81	.86
4. 9000	.91	.97	1.03	1.09	1.15
5. 1500	1.21	1.28	1.35	1.41	1.48
5. 4000	1.55	1.62	1.69	1.76	1.83
5. 6500	1.91	1.98	2.05	2.13	2.20
5. 9000	2.28	2.35	2.43	2.50	2.58
6. 1500	2.66	2.74	2.82	2.89	2.97
6. 4000	3.05	3.13	3.21	3.29	3.38
6. 6500	3.46	3.54	3.62	3.70	3.79
6. 9000	3.87	3.95	4.04	4.12	4.21
7. 1500	4.29	4.38	4.46	4.55	4.64
7. 4000	4.72	4.81	4.90	4.98	5.07
7. 6500	5.16	5.25	5.33	5.42	5.51
7. 9000	5.60	5.69	5.78	5.87	5.96
8. 1500	6.06	6.18	6.30	6.44	6.59
8. 4000	6.76	6.94	7.13	7.33	7.54
8. 6500	7.75	7.97	8.20	8.43	8.66
8. 9000	8.90	9.15	9.40	9.65	9.89
9. 1500	10.14	10.37	10.59	10.78	10.96
9. 4000	11.13	11.28	11.41	11.54	11.68
9. 6500	11.82	11.98	12.17	12.39	12.64
9. 9000	12.93	13.24	13.58	13.94	14.33
10. 1500	14.73	15.17	15.63	16.11	16.62
10. 4000	17.17	17.74	18.32	18.93	19.57
10. 6500	20.23	20.95	21.70	22.51	23.38
10. 9000	24.29	25.25	26.25	27.30	28.42
11. 1500	29.64	30.99	32.49	34.18	36.07

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Pond Inflow Summary

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Name... POND1 IN

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

---

Time hrs					
11. 4000	38.10	40.28	42.74	46.02	50.96
11. 6500	59.21	71.94	92.36	122.16	162.60
11. 9000	214.49	278.18	343.60	398.22	432.46
12. 1500	440.41	420.64	384.90	342.27	297.95
12. 4000	255.83	219.58	188.71	163.27	142.37
12. 6500	125.28	110.87	98.79	88.57	80.17
12. 9000	73.35	67.52	62.59	58.44	54.93
13. 1500	51.85	49.15	46.74	44.59	42.71
13. 4000	41.00	39.45	38.08	36.85	35.70
13. 6500	34.65	33.65	32.72	31.86	31.04

asbuilt basin 1 2 and 4.txt

13. 9000	30. 27	29. 52	28. 81	28. 11	27. 44
14. 1500	26. 81	26. 21	25. 67	25. 17	24. 73
14. 4000	24. 32	23. 96	23. 63	23. 32	23. 04
14. 6500	22. 76	22. 50	22. 25	22. 00	21. 76
14. 9000	21. 53	21. 29	21. 06	20. 83	20. 60
15. 1500	20. 38	20. 15	19. 93	19. 70	19. 48
15. 4000	19. 25	19. 03	18. 81	18. 58	18. 36
15. 6500	18. 13	17. 91	17. 68	17. 46	17. 24
15. 9000	17. 01	16. 79	16. 56	16. 34	16. 12
16. 1500	15. 91	15. 71	15. 52	15. 36	15. 20
16. 4000	15. 06	14. 94	14. 82	14. 71	14. 61
16. 6500	14. 52	14. 42	14. 33	14. 25	14. 16
16. 9000	14. 07	13. 99	13. 91	13. 83	13. 75
17. 1500	13. 66	13. 58	13. 50	13. 42	13. 34
17. 4000	13. 26	13. 18	13. 10	13. 02	12. 94
17. 6500	12. 86	12. 78	12. 70	12. 62	12. 54
17. 9000	12. 46	12. 38	12. 30	12. 22	12. 14
18. 1500	12. 06	11. 98	11. 90	11. 82	11. 74
18. 4000	11. 66	11. 58	11. 50	11. 42	11. 33
18. 6500	11. 25	11. 17	11. 09	11. 01	10. 93
18. 9000	10. 85	10. 77	10. 69	10. 61	10. 53
19. 1500	10. 45	10. 37	10. 29	10. 21	10. 12
19. 4000	10. 04	9. 96	9. 88	9. 80	9. 72
19. 6500	9. 64	9. 56	9. 48	9. 40	9. 32
19. 9000	9. 24	9. 15	9. 07	8. 99	8. 91
20. 1500	8. 84	8. 77	8. 71	8. 65	8. 60
20. 4000	8. 56	8. 52	8. 49	8. 46	8. 44
20. 6500	8. 41	8. 39	8. 37	8. 35	8. 33
20. 9000	8. 31	8. 30	8. 28	8. 26	8. 25
21. 1500	8. 23	8. 21	8. 20	8. 18	8. 16
21. 4000	8. 15	8. 13	8. 12	8. 10	8. 08
21. 6500	8. 07	8. 05	8. 04	8. 02	8. 00
21. 9000	7. 99	7. 97	7. 96	7. 94	7. 92
22. 1500	7. 91	7. 89	7. 88	7. 86	7. 84
22. 4000	7. 83	7. 81	7. 80	7. 78	7. 76

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Pond Inflow Summary

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Name... POND1 IN

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
22. 6500	7. 75	7. 73	7. 72	7. 70	7. 68
22. 9000	7. 67	7. 65	7. 64	7. 62	7. 60
23. 1500	7. 59	7. 57	7. 56	7. 54	7. 52
23. 4000	7. 51	7. 49	7. 48	7. 46	7. 44
23. 6500	7. 43	7. 41	7. 39	7. 38	7. 36
23. 9000	7. 35	7. 33	7. 29	7. 18	6. 92
24. 1500	6. 41	5. 71	4. 90	4. 06	3. 29
24. 4000	2. 61	2. 03	1. 57	1. 21	. 95
24. 6500	. 74	. 57	. 44	. 35	. 27
24. 9000	. 21	. 16	. 12	. 10	. 07
25. 1500	. 06	. 04	. 03	. 02	. 02
25. 4000	. 01	. 01	. 01	. 00	. 00
25. 6500	. 00	. 00			

asbuilt basin 1 2 and 4.txt

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Node: Pond Inflow Summary

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Name... POND1 IN

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: POND1 IN

HYG Directory: \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ADDLINK 20	ON SITE1		ON SITE1	25
ADDLINK 10	OFF SITE1		OFF SITE1	25
ADDLINK 30	OFF SITE2		OFF SITE2	25

INFLOWS TO: POND1 IN

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	ON SITE1	25	1177074	12.1500	273.32
	OFF SITE1	25	487984	12.1000	135.95
	OFF SITE2	25	445336	12.2000	96.12

TOTAL FLOW INTO: POND1 IN

HYG file	HYG ID	HYG tag	Volume cu. ft	Peak Time hrs	Peak Flow cfs
	POND1	IN 25	2110394	12.1500	491.03

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Node: Pond Inflow Summary

Page 16.94

Name... POND1 IN

Event: 25 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

TOTAL NODE INFLOW...

HYG file =  
HYG ID = POND1 IN  
HYG Tag = 25

Peak Discharge = 491.03 cfs  
Time to Peak = 12.1500 hrs  
HYG Volume = 2110394 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
3.4000	.00	.00	.01	.02	.04

asbuilt basin 1 2 and 4.txt

3. 6500	.06	.09	.12	.16	.20
3. 9000	.25	.30	.34	.39	.44
4. 1500	.50	.55	.60	.65	.71
4. 4000	.76	.82	.88	.94	1.00
4. 6500	1.06	1.13	1.20	1.27	1.34
4. 9000	1.41	1.48	1.56	1.63	1.71
5. 1500	1.79	1.86	1.94	2.02	2.10
5. 4000	2.18	2.27	2.35	2.43	2.51
5. 6500	2.60	2.68	2.77	2.85	2.94
5. 9000	3.03	3.11	3.20	3.29	3.38
6. 1500	3.46	3.55	3.64	3.73	3.82
6. 4000	3.91	4.01	4.10	4.19	4.28
6. 6500	4.37	4.47	4.56	4.65	4.75
6. 9000	4.84	4.94	5.03	5.13	5.22
7. 1500	5.32	5.42	5.51	5.61	5.71
7. 4000	5.80	5.90	6.00	6.10	6.19
7. 6500	6.29	6.39	6.49	6.59	6.69
7. 9000	6.79	6.89	6.99	7.09	7.20
8. 1500	7.31	7.44	7.58	7.74	7.91
8. 4000	8.10	8.31	8.53	8.76	9.00
8. 6500	9.24	9.50	9.76	10.02	10.29
8. 9000	10.57	10.85	11.13	11.42	11.70
9. 1500	11.98	12.24	12.48	12.71	12.91
9. 4000	13.09	13.26	13.40	13.55	13.69
9. 6500	13.85	14.02	14.23	14.48	14.77
9. 9000	15.09	15.45	15.83	16.24	16.67
10. 1500	17.13	17.62	18.14	18.69	19.28
10. 4000	19.89	20.53	21.20	21.89	22.60
10. 6500	23.36	24.16	25.02	25.92	26.90
10. 9000	27.94	29.02	30.15	31.33	32.59

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Pond Inflow Summary

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Name... POND1 IN

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
11. 1500	33.96	35.48	37.17	39.08	41.20
11. 4000	43.48	45.94	48.70	52.39	57.94
11. 6500	67.23	81.56	104.49	137.90	183.12
11. 9000	241.01	311.88	384.48	444.93	482.62
12. 1500	491.03	468.69	428.65	381.00	331.52
12. 4000	284.54	244.13	209.72	181.38	158.10
12. 6500	139.07	123.03	109.58	98.21	88.87
12. 9000	81.29	74.81	69.32	64.71	60.81
13. 1500	57.38	54.39	51.71	49.32	47.24
13. 4000	45.34	43.62	42.10	40.73	39.47
13. 6500	38.30	37.20	36.16	35.21	34.31
13. 9000	33.45	32.62	31.83	31.06	30.32
14. 1500	29.62	28.96	28.36	27.81	27.32
14. 4000	26.87	26.47	26.10	25.76	25.44
14. 6500	25.14	24.85	24.57	24.30	24.03
14. 9000	23.77	23.51	23.26	23.00	22.75
15. 1500	22.50	22.25	22.00	21.76	21.51
15. 4000	21.26	21.01	20.76	20.52	20.27
15. 6500	20.02	19.77	19.52	19.28	19.03

asbuilt basin 1 2 and 4.txt

15. 9000	18. 78	18. 53	18. 28	18. 04	17. 80
16. 1500	17. 56	17. 34	17. 14	16. 95	16. 78
16. 4000	16. 63	16. 49	16. 36	16. 24	16. 13
16. 6500	16. 02	15. 92	15. 82	15. 72	15. 63
16. 9000	15. 53	15. 44	15. 35	15. 26	15. 17
17. 1500	15. 08	14. 99	14. 90	14. 81	14. 72
17. 4000	14. 63	14. 55	14. 46	14. 37	14. 28
17. 6500	14. 19	14. 10	14. 01	13. 92	13. 84
17. 9000	13. 75	13. 66	13. 57	13. 48	13. 39
18. 1500	13. 30	13. 22	13. 13	13. 04	12. 95
18. 4000	12. 86	12. 77	12. 68	12. 59	12. 50
18. 6500	12. 42	12. 33	12. 24	12. 15	12. 06
18. 9000	11. 97	11. 88	11. 79	11. 70	11. 61
19. 1500	11. 52	11. 44	11. 35	11. 26	11. 17
19. 4000	11. 08	10. 99	10. 90	10. 81	10. 72
19. 6500	10. 63	10. 54	10. 45	10. 37	10. 28
19. 9000	10. 19	10. 10	10. 01	9. 92	9. 83
20. 1500	9. 75	9. 67	9. 60	9. 54	9. 49
20. 4000	9. 44	9. 40	9. 36	9. 33	9. 30
20. 6500	9. 28	9. 25	9. 23	9. 21	9. 19
20. 9000	9. 17	9. 15	9. 13	9. 11	9. 09
21. 1500	9. 07	9. 06	9. 04	9. 02	9. 00
21. 4000	8. 98	8. 97	8. 95	8. 93	8. 91
21. 6500	8. 90	8. 88	8. 86	8. 84	8. 83
21. 9000	8. 81	8. 79	8. 77	8. 76	8. 74
22. 1500	8. 72	8. 70	8. 68	8. 67	8. 65

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

Page 16.96

Name... POND1 IN

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
22. 4000	8. 63	8. 61	8. 60	8. 58	8. 56
22. 6500	8. 54	8. 53	8. 51	8. 49	8. 47
22. 9000	8. 45	8. 44	8. 42	8. 40	8. 38
23. 1500	8. 37	8. 35	8. 33	8. 31	8. 29
23. 4000	8. 28	8. 26	8. 24	8. 22	8. 21
23. 6500	8. 19	8. 17	8. 15	8. 14	8. 12
23. 9000	8. 10	8. 08	8. 04	7. 91	7. 62
24. 1500	7. 07	6. 29	5. 40	4. 48	3. 62
24. 4000	2. 88	2. 24	1. 73	1. 34	1. 04
24. 6500	. 81	. 63	. 49	. 38	. 30
24. 9000	. 23	. 18	. 14	. 11	. 08
25. 1500	. 06	. 05	. 04	. 03	. 02
25. 4000	. 01	. 01	. 01	. 00	. 00
25. 6500	. 00	. 00			

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Pond Inflow Summary

Page 16.97

Name... POND1 IN

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

asbuilt basin 1 2 and 4.txt

SUMMARY FOR HYDROGRAPH ADDITION  
at Node: POND1 IN

HYG Directory: \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\

Upstream Link ID	Upstream Node ID	HYG file	HYG ID	HYG tag
ADDLINK 20	ONSITE1		ONSITE1	100
ADDLINK 10	OFFSITE1		OFFSITE1	100
ADDLINK 30	OFFSITE2		OFFSITE2	100

INFLOWS TO: POND1		IN		Volume	Peak Time	Peak Flow
HYG file	HYG ID	HYG tag		cu. ft	hrs	cfs
	ONSITE1	100		1505099	12.1500	345.52
	OFFSITE1	100		623963	12.1000	171.48
	OFFSITE2	100		576773	12.2000	123.29

TOTAL FLOW INTO: POND1		IN		Volume	Peak Time	Peak Flow
HYG file	HYG ID	HYG tag		cu. ft	hrs	cfs
	POND1	IN	100	2705836	12.1500	622.12

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

Page 16.98

Name... POND1 IN

Event: 100 yr

File... \\2serverprs\PondPack\EImer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

TOTAL NODE INFLOW...

HYG file =  
HYG ID = POND1 IN  
HYG Tag = 100

Peak Discharge = 622.12 cfs  
Time to Peak = 12.1500 hrs  
HYG Volume = 2705836 cu. ft

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
2.8000	.00	.00	.00	.01	.03
3.0500	.05	.09	.13	.17	.23
3.3000	.29	.35	.41	.48	.55
3.5500	.62	.69	.76	.83	.90
3.8000	.97	1.05	1.13	1.20	1.28
4.0500	1.36	1.45	1.53	1.62	1.71
4.3000	1.80	1.89	1.98	2.08	2.17
4.5500	2.27	2.37	2.47	2.57	2.67
4.8000	2.77	2.88	2.98	3.09	3.19

asbuilt basin 1 2 and 4.txt

5. 0500	3. 30	3. 40	3. 51	3. 62	3. 73
5. 3000	3. 84	3. 95	4. 06	4. 17	4. 28
5. 5500	4. 39	4. 50	4. 62	4. 73	4. 84
5. 8000	4. 96	5. 07	5. 19	5. 30	5. 42
6. 0500	5. 54	5. 65	5. 77	5. 89	6. 01
6. 3000	6. 13	6. 25	6. 36	6. 48	6. 60
6. 5500	6. 73	6. 85	6. 97	7. 09	7. 21
6. 8000	7. 33	7. 45	7. 58	7. 70	7. 82
7. 0500	7. 95	8. 07	8. 19	8. 32	8. 44
7. 3000	8. 56	8. 69	8. 81	8. 94	9. 06
7. 5500	9. 19	9. 31	9. 44	9. 56	9. 69
7. 8000	9. 82	9. 94	10. 07	10. 19	10. 32
8. 0500	10. 45	10. 58	10. 73	10. 89	11. 08
8. 3000	11. 29	11. 52	11. 78	12. 06	12. 35
8. 5500	12. 66	12. 98	13. 31	13. 65	14. 00
8. 8000	14. 35	14. 72	15. 08	15. 45	15. 83
9. 0500	16. 21	16. 58	16. 94	17. 29	17. 61
9. 3000	17. 89	18. 15	18. 37	18. 58	18. 76
9. 5500	18. 93	19. 10	19. 29	19. 51	19. 77
9. 8000	20. 09	20. 45	20. 87	21. 33	21. 83
10. 0500	22. 36	22. 93	23. 53	24. 17	24. 85
10. 3000	25. 57	26. 32	27. 13	27. 96	28. 83

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Node: Pond Inflow Summary

Page 16.99

Name... POND1 IN

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
10. 5500	29. 72	30. 65	31. 64	32. 68	33. 78
10. 8000	34. 96	36. 23	37. 57	38. 96	40. 42
11. 0500	41. 95	43. 58	45. 34	47. 30	49. 47
11. 3000	51. 93	54. 66	57. 61	60. 76	64. 31
11. 5500	69. 06	76. 21	88. 19	106. 65	136. 10
11. 8000	178. 86	236. 45	309. 87	399. 31	490. 46
12. 0500	565. 96	612. 51	622. 12	593. 08	541. 88
12. 3000	481. 23	418. 40	358. 84	307. 66	264. 10
12. 5500	228. 24	198. 81	174. 75	154. 49	137. 51
12. 8000	123. 16	111. 38	101. 81	93. 64	86. 73
13. 0500	80. 93	76. 01	71. 70	67. 94	64. 56
13. 3000	61. 57	58. 95	56. 56	54. 41	52. 50
13. 5500	50. 79	49. 21	47. 74	46. 36	45. 07
13. 8000	43. 88	42. 75	41. 68	40. 64	39. 66
14. 0500	38. 70	37. 77	36. 89	36. 07	35. 32
14. 3000	34. 64	34. 02	33. 46	32. 96	32. 50
14. 5500	32. 08	31. 68	31. 30	30. 94	30. 59
14. 8000	30. 25	29. 91	29. 59	29. 27	28. 95
15. 0500	28. 63	28. 31	28. 00	27. 69	27. 38
15. 3000	27. 07	26. 76	26. 45	26. 14	25. 83
15. 5500	25. 52	25. 21	24. 90	24. 59	24. 29
15. 8000	23. 98	23. 67	23. 36	23. 05	22. 74
16. 0500	22. 43	22. 13	21. 84	21. 56	21. 31
16. 3000	21. 08	20. 86	20. 67	20. 50	20. 34
16. 5500	20. 19	20. 05	19. 92	19. 79	19. 67
16. 8000	19. 54	19. 43	19. 31	19. 19	19. 08
17. 0500	18. 97	18. 85	18. 74	18. 63	18. 52

asbuilt basin 1 2 and 4.txt

17. 3000	18. 41	18. 30	18. 19	18. 08	17. 96
17. 5500	17. 85	17. 74	17. 63	17. 52	17. 41
17. 8000	17. 30	17. 19	17. 08	16. 97	16. 86
18. 0500	16. 75	16. 64	16. 53	16. 42	16. 31
18. 3000	16. 20	16. 09	15. 98	15. 86	15. 75
18. 5500	15. 64	15. 53	15. 42	15. 31	15. 20
18. 8000	15. 09	14. 98	14. 87	14. 76	14. 65
19. 0500	14. 54	14. 42	14. 31	14. 20	14. 09
19. 3000	13. 98	13. 87	13. 76	13. 65	13. 54
19. 5500	13. 42	13. 31	13. 20	13. 09	12. 98
19. 8000	12. 87	12. 76	12. 65	12. 54	12. 43
20. 0500	12. 32	12. 21	12. 11	12. 01	11. 92
20. 3000	11. 85	11. 78	11. 72	11. 67	11. 62
20. 5500	11. 59	11. 55	11. 52	11. 49	11. 46
20. 8000	11. 43	11. 41	11. 38	11. 36	11. 33
21. 0500	11. 31	11. 29	11. 26	11. 24	11. 22
21. 3000	11. 20	11. 17	11. 15	11. 13	11. 11
21. 5500	11. 09	11. 06	11. 04	11. 02	11. 00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Node: Pond Inflow Summary

Page 16.100

Name... POND1 IN

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
21. 8000	10. 98	10. 95	10. 93	10. 91	10. 89
22. 0500	10. 87	10. 84	10. 82	10. 80	10. 78
22. 3000	10. 75	10. 73	10. 71	10. 69	10. 67
22. 5500	10. 64	10. 62	10. 60	10. 58	10. 56
22. 8000	10. 53	10. 51	10. 49	10. 47	10. 45
23. 0500	10. 42	10. 40	10. 38	10. 36	10. 34
23. 3000	10. 31	10. 29	10. 27	10. 25	10. 22
23. 5500	10. 20	10. 18	10. 16	10. 14	10. 11
23. 8000	10. 09	10. 07	10. 05	10. 03	9. 97
24. 0500	9. 82	9. 46	8. 77	7. 81	6. 71
24. 3000	5. 56	4. 50	3. 57	2. 79	2. 15
24. 5500	1. 66	1. 29	1. 01	. 78	. 61
24. 8000	. 47	. 37	. 29	. 22	. 17
25. 0500	. 13	. 10	. 08	. 06	. 04
25. 3000	. 03	. 02	. 02	. 01	. 01
25. 5500	. 00	. 00	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routing Summary

Page 16.101

Name... POND1 OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

LEVEL POOL ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - POND1 IN 15  
 Outflow HYG file = NONE STORED - POND1 OUT 15



asbuilt basin 1 2 and 4.txt

Pond Node Data = POND1  
 Pond Volume Data = POND1  
 Pond Outlet Data = Outlet 1

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 599.48 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====

Peak Inflow	=	440.41 cfs	at	12.1500 hrs
Peak Outflow	=	134.18 cfs	at	12.6000 hrs

-----

Peak Elevation	=	603.45 ft
Peak Storage	=	681887 cu. ft

=====

MASS BALANCE (cu. ft)

-----

+ Initial Vol	=	0
+ HYG Vol IN	=	1883248
- Infiltration	=	0
- HYG Vol OUT	=	1883215
- Retained Vol	=	27

-----

Unrouted Vol = -6 cu. ft (.000% of Inflow Volume)

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16.102

Name... POND1 OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 15

POND ROUTED TOTAL OUTFLOW HYG...

HYG file =  
 HYG ID = POND1 OUT  
 HYG Tag = 15

-----

Peak Discharge	=	134.18 cfs
Time to Peak	=	12.6000 hrs
HYG Volume	=	1883215 cu. ft

-----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

-----  
Time hrs

asbuilt basin 1 2 and 4.txt

3. 6500	.00	.00	.00	.00	.00
3. 9000	.00	.00	.00	.00	.01
4. 1500	.01	.01	.02	.02	.03
4. 4000	.03	.04	.05	.06	.07
4. 6500	.08	.09	.10	.11	.12
4. 9000	.13	.15	.16	.18	.19
5. 1500	.21	.23	.25	.27	.29
5. 4000	.31	.33	.35	.37	.40
5. 6500	.42	.45	.48	.50	.53
5. 9000	.56	.59	.62	.65	.69
6. 1500	.72	.75	.79	.82	.86
6. 4000	.90	.93	.97	1.01	1.05
6. 6500	1.09	1.13	1.17	1.22	1.26
6. 9000	1.30	1.35	1.39	1.45	1.53
7. 1500	1.62	1.70	1.78	1.87	1.95
7. 4000	2.04	2.12	2.20	2.29	2.37
7. 6500	2.46	2.54	2.62	2.71	2.79
7. 9000	2.88	2.96	3.05	3.13	3.22
8. 1500	3.31	3.39	3.48	3.57	3.66
8. 4000	3.75	3.85	3.95	4.05	4.18
8. 6500	4.32	4.46	4.60	4.75	4.90
8. 9000	5.05	5.21	5.37	5.53	5.70
9. 1500	5.87	6.04	6.21	6.39	6.56
9. 4000	6.74	6.92	7.09	7.26	7.44
9. 6500	7.64	7.83	8.03	8.22	8.42
9. 9000	8.62	8.83	9.04	9.26	9.48
10. 1500	9.71	9.95	10.20	10.46	10.74
10. 4000	11.02	11.32	11.65	12.01	12.39
10. 6500	12.77	13.18	13.60	14.04	14.50
10. 9000	14.98	15.48	16.02	16.63	17.26
11. 1500	17.93	18.63	19.37	20.16	21.01

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Pond Routed HYG (total out)

Page 16.103

Name... POND1 OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

11. 4000	21.98	23.03	24.15	25.38	26.81
11. 6500	28.64	31.03	34.45	39.46	46.88
11. 9000	57.63	72.79	85.96	93.48	101.15
12. 1500	108.40	114.83	120.21	124.53	127.86
12. 4000	130.32	132.06	133.21	133.89	134.18
12. 6500	134.18	133.92	133.47	132.84	132.06
12. 9000	131.17	130.18	129.11	127.97	126.77
13. 1500	125.52	124.22	122.89	121.51	120.11
13. 4000	118.68	117.21	115.73	114.23	112.71
13. 6500	111.16	109.60	108.03	106.45	104.84
13. 9000	103.22	101.58	99.94	98.27	96.59
14. 1500	94.91	93.21	91.49	89.77	88.04
14. 4000	86.29	84.55	82.81	78.42	73.85
14. 6500	69.66	65.83	62.36	59.16	56.28
14. 9000	53.61	51.15	48.92	46.84	44.90
15. 1500	43.16	41.53	39.99	38.55	37.25
15. 4000	36.03	34.88	33.79	32.76	31.81
15. 6500	30.93	30.10	29.30	28.55	27.82

asbuilt basin 1 2 and 4.txt

15. 9000	27. 13	26. 47	25. 87	25. 29	24. 74
16. 1500	24. 21	23. 70	23. 21	22. 74	22. 29
16. 4000	21. 85	21. 43	21. 04	20. 67	20. 33
16. 6500	20. 01	19. 70	19. 40	19. 11	18. 83
16. 9000	18. 56	18. 31	18. 06	17. 83	17. 60
17. 1500	17. 38	17. 17	16. 96	16. 76	16. 57
17. 4000	16. 39	16. 21	16. 04	15. 87	15. 72
17. 6500	15. 58	15. 43	15. 30	15. 16	15. 03
17. 9000	14. 90	14. 77	14. 64	14. 52	14. 40
18. 1500	14. 28	14. 16	14. 05	13. 94	13. 82
18. 4000	13. 71	13. 61	13. 50	13. 39	13. 29
18. 6500	13. 19	13. 09	12. 98	12. 88	12. 79
18. 9000	12. 69	12. 59	12. 50	12. 40	12. 31
19. 1500	12. 21	12. 12	12. 03	11. 93	11. 84
19. 4000	11. 75	11. 66	11. 57	11. 48	11. 39
19. 6500	11. 31	11. 24	11. 16	11. 08	11. 00
19. 9000	10. 92	10. 84	10. 76	10. 68	10. 60
20. 1500	10. 52	10. 44	10. 36	10. 29	10. 21
20. 4000	10. 14	10. 06	9. 99	9. 92	9. 85
20. 6500	9. 79	9. 72	9. 66	9. 60	9. 54
20. 9000	9. 49	9. 43	9. 38	9. 33	9. 28
21. 1500	9. 23	9. 19	9. 14	9. 10	9. 05
21. 4000	9. 01	8. 97	8. 93	8. 90	8. 86
21. 6500	8. 82	8. 79	8. 75	8. 72	8. 69
21. 9000	8. 66	8. 62	8. 59	8. 56	8. 54
22. 1500	8. 51	8. 48	8. 45	8. 42	8. 40
22. 4000	8. 37	8. 35	8. 32	8. 30	8. 27

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Pond Routed HYG (total out)

Page 16.104

Name... POND1 OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
22. 6500	8. 25	8. 23	8. 20	8. 18	8. 16
22. 9000	8. 14	8. 11	8. 09	8. 07	8. 05
23. 1500	8. 03	8. 01	7. 99	7. 97	7. 95
23. 4000	7. 93	7. 91	7. 89	7. 87	7. 85
23. 6500	7. 83	7. 81	7. 79	7. 77	7. 76
23. 9000	7. 74	7. 72	7. 70	7. 68	7. 65
24. 1500	7. 60	7. 53	7. 43	7. 31	7. 17
24. 4000	7. 00	6. 82	6. 62	6. 41	6. 20
24. 6500	5. 99	5. 78	5. 58	5. 37	5. 17
24. 9000	4. 98	4. 79	4. 61	4. 43	4. 26
25. 1500	4. 10	3. 96	3. 84	3. 72	3. 61
25. 4000	3. 50	3. 39	3. 28	3. 18	3. 09
25. 6500	2. 99	2. 90	2. 81	2. 72	2. 64
25. 9000	2. 56	2. 48	2. 40	2. 33	2. 26
26. 1500	2. 19	2. 12	2. 06	1. 99	1. 93
26. 4000	1. 87	1. 82	1. 76	1. 71	1. 65
26. 6500	1. 60	1. 55	1. 51	1. 46	1. 42
26. 9000	1. 39	1. 37	1. 35	1. 32	1. 30
27. 1500	1. 28	1. 26	1. 24	1. 21	1. 19
27. 4000	1. 17	1. 15	1. 13	1. 11	1. 10
27. 6500	1. 08	1. 06	1. 04	1. 02	1. 00
27. 9000	. 99	. 97	. 95	. 94	. 92

asbuilt basin 1 2 and 4.txt

28. 1500	.91	.89	.88	.86	.85
28. 4000	.83	.82	.80	.79	.78
28. 6500	.76	.75	.74	.72	.71
28. 9000	.70	.69	.68	.66	.65
29. 1500	.64	.63	.62	.61	.60
29. 4000	.59	.58	.57	.56	.55
29. 6500	.54	.53	.52	.51	.50
29. 9000	.50	.49	.48	.47	.46
30. 1500	.46	.45	.44	.43	.42
30. 4000	.42	.41	.40	.40	.39
30. 6500	.38	.38	.37	.36	.36
30. 9000	.35	.35	.34	.33	.33
31. 1500	.32	.32	.31	.31	.30
31. 4000	.30	.29	.29	.28	.28
31. 6500	.27	.27	.26	.26	.25
31. 9000	.25	.24	.24	.24	.23
32. 1500	.23	.22	.22	.22	.21
32. 4000	.21	.21	.20	.20	.20
32. 6500	.19	.19	.19	.18	.18
32. 9000	.18	.17	.17	.17	.16
33. 1500	.16	.16	.16	.15	.15
33. 4000	.15	.15	.14	.14	.14
33. 6500	.14	.13	.13	.13	.13

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Pond Routed HYG (total out)

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Name... POND1 OUT Tag: 15

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
33. 9000	.13	.12	.12	.12	.12
34. 1500	.11	.11	.11	.11	.11
34. 4000	.11	.10	.10	.10	.10
34. 6500	.10	.10	.09	.09	.09
34. 9000	.09	.09	.09	.08	.08
35. 1500	.08	.08	.08	.08	.08
35. 4000	.07	.07	.07	.07	.07
35. 6500	.07	.07	.07	.07	.06
35. 9000	.06	.06	.06	.06	.06
36. 1500	.06	.06	.06	.05	.05
36. 4000	.05	.05	.05	.05	.05
36. 6500	.05	.05	.05	.05	.05
36. 9000	.04	.04	.04	.04	.04
37. 1500	.04	.04	.04	.04	.04
37. 4000	.04	.04	.04	.04	.04
37. 6500	.03	.03	.03	.03	.03
37. 9000	.03	.03	.03	.03	.03
38. 1500	.03	.03	.03	.03	.03
38. 4000	.03	.03	.03	.03	.02
38. 6500	.02	.02	.02	.02	.02
38. 9000	.02	.02	.02	.02	.02
39. 1500	.02	.02	.02	.02	.02
39. 4000	.02	.02	.02	.02	.02
39. 6500	.02	.02	.02	.02	.02
39. 9000	.02	.02	.02	.02	.01
40. 1500	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

40. 4000	.01	.01	.01	.01	.01
40. 6500	.01	.01	.01	.01	.01
40. 9000	.01	.01	.01	.01	.01
41. 1500	.01	.01	.01	.01	.01
41. 4000	.01	.01	.01	.01	.01
41. 6500	.01	.01	.01	.01	.01
41. 9000	.01	.01	.01	.01	.01
42. 1500	.01	.01	.01	.01	.01
42. 4000	.01	.01	.01	.01	.01
42. 6500	.01	.01	.01	.01	.01
42. 9000	.01	.01	.01	.01	.01
43. 1500	.01	.01	.01	.00	.00
43. 4000	.00	.00	.00	.00	.00
43. 6500	.00	.00	.00	.00	.00
43. 9000	.00	.00	.00	.00	.00
44. 1500	.00	.00	.00	.00	.00
44. 4000	.00	.00	.00	.00	.00
44. 6500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routing Summary

Page 16.106

Name... POND1 OUT Tag: 25

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 25

LEVEL POOL ROUTING SUMMARY

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - POND1 IN 25  
 Outflow HYG file = NONE STORED - POND1 OUT 25

Pond Node Data = POND1  
 Pond Volume Data = POND1  
 Pond Outlet Data = Outlet 1

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 599.48 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====  
 Peak Inflow = 491.03 cfs at 12.1500 hrs  
 Peak Outflow = 142.14 cfs at 12.6500 hrs  
 -----  
 Peak Elevation = 603.93 ft  
 Peak Storage = 776107 cu. ft  
 =====

MASS BALANCE (cu. ft)

+ Initial Vol = 0

asbuilt basin 1 2 and 4.txt

+ HYG Vol IN = 2110394  
 - Infiltration = 0  
 - HYG Vol OUT = 2110362  
 - Retained Vol = 27  
 -----  
 Unrouted Vol = -5 cu. ft (.000% of Inflow Volume)

S/N:  
 PondPack Ver: Compute Time: Date:

♀ Type... Pond Routed HYG (total out) Page 16.107  
 Name... POND1 OUT Tag: 25 Event: 25 yr  
 File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW Storm... Type I 24hr Tag: 25

POND ROUTED TOTAL OUTFLOW HYG...

HYG file =  
 HYG ID = POND1 OUT  
 HYG Tag = 25

-----  
 Peak Discharge = 142.14 cfs  
 Time to Peak = 12.6500 hrs  
 HYG Volume = 2110362 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Output Time increment = .0500 hrs				
3.4000	.00	.00	.00	.00	.00
3.6500	.00	.00	.00	.01	.01
3.9000	.01	.02	.02	.03	.04
4.1500	.04	.05	.06	.07	.08
4.4000	.09	.10	.12	.13	.14
4.6500	.16	.18	.19	.21	.23
4.9000	.25	.27	.29	.31	.34
5.1500	.36	.38	.41	.44	.46
5.4000	.49	.52	.55	.58	.62
5.6500	.65	.68	.72	.75	.79
5.9000	.83	.87	.91	.95	.99
6.1500	1.03	1.07	1.11	1.16	1.20
6.4000	1.25	1.29	1.34	1.39	1.45
6.6500	1.54	1.63	1.71	1.80	1.89
6.9000	1.98	2.07	2.16	2.25	2.34
7.1500	2.43	2.52	2.61	2.70	2.79
7.4000	2.88	2.98	3.07	3.16	3.25
7.6500	3.34	3.43	3.53	3.62	3.71
7.9000	3.81	3.90	3.99	4.10	4.22
8.1500	4.34	4.46	4.58	4.70	4.82
8.4000	4.95	5.08	5.21	5.34	5.48
8.6500	5.62	5.77	5.92	6.08	6.24
8.9000	6.40	6.57	6.75	6.92	7.11
9.1500	7.29	7.50	7.72	7.94	8.17
9.4000	8.39	8.61	8.83	9.04	9.25
9.6500	9.46	9.67	9.87	10.08	10.29
9.9000	10.50	10.72	10.95	11.18	11.43
10.1500	11.71	12.00	12.30	12.62	12.95
10.4000	13.29	13.65	14.02	14.41	14.81
10.6500	15.23	15.67	16.16	16.68	17.23

10. 9000 | 17. 81 asbuilt basin 1 2 and 4. txt 18. 41 19. 04 19. 70 20. 39

S/N:  
PondPack Ver: Compute Time: Date:

Type... Pond Routed HYG (total out) Page 16. 108  
Name... POND1 OUT Tag: 25 Event: 25 yr  
File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW  
Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
11. 1500	21. 14	21. 96	22. 83	23. 76	24. 76
11. 4000	25. 83	27. 01	28. 33	29. 76	31. 40
11. 6500	33. 49	36. 27	40. 22	46. 05	54. 66
11. 9000	67. 07	83. 16	90. 46	98. 47	106. 60
12. 1500	114. 29	121. 10	126. 82	131. 42	134. 98
12. 4000	137. 64	139. 55	140. 84	141. 64	142. 04
12. 6500	142. 14	141. 98	141. 61	141. 05	140. 35
12. 9000	139. 54	138. 62	137. 61	136. 54	135. 40
13. 1500	134. 21	132. 97	131. 69	130. 38	129. 03
13. 4000	127. 65	126. 24	124. 81	123. 36	121. 88
13. 6500	120. 39	118. 88	117. 35	115. 81	114. 26
13. 9000	112. 69	111. 10	109. 50	107. 89	106. 28
14. 1500	104. 64	102. 99	101. 32	99. 65	97. 97
14. 4000	96. 27	94. 57	92. 87	91. 15	89. 43
14. 6500	87. 72	85. 99	84. 26	82. 54	77. 74
14. 9000	73. 29	69. 21	65. 48	62. 11	58. 99
15. 1500	56. 18	53. 57	51. 18	49. 00	46. 96
15. 4000	45. 06	43. 35	41. 75	40. 24	38. 82
15. 6500	37. 53	36. 33	35. 19	34. 11	33. 09
15. 9000	32. 13	31. 26	30. 43	29. 64	28. 88
16. 1500	28. 15	27. 46	26. 80	26. 18	25. 62
16. 4000	25. 07	24. 56	24. 06	23. 59	23. 14
16. 6500	22. 71	22. 30	21. 91	21. 54	21. 18
16. 9000	20. 85	20. 54	20. 25	19. 97	19. 71
17. 1500	19. 45	19. 20	18. 96	18. 73	18. 50
17. 4000	18. 29	18. 08	17. 88	17. 68	17. 49
17. 6500	17. 31	17. 13	16. 96	16. 79	16. 62
17. 9000	16. 46	16. 31	16. 16	16. 01	15. 87
18. 1500	15. 74	15. 61	15. 48	15. 36	15. 24
18. 4000	15. 12	15. 00	14. 88	14. 76	14. 65
18. 6500	14. 54	14. 43	14. 31	14. 21	14. 10
18. 9000	13. 99	13. 88	13. 78	13. 67	13. 57
19. 1500	13. 47	13. 36	13. 26	13. 16	13. 06
19. 4000	12. 96	12. 86	12. 76	12. 66	12. 57
19. 6500	12. 47	12. 37	12. 27	12. 18	12. 08
19. 9000	11. 99	11. 89	11. 80	11. 70	11. 61
20. 1500	11. 51	11. 42	11. 34	11. 25	11. 17
20. 4000	11. 10	11. 02	10. 94	10. 87	10. 80
20. 6500	10. 73	10. 66	10. 60	10. 53	10. 47
20. 9000	10. 41	10. 35	10. 30	10. 24	10. 19
21. 1500	10. 14	10. 09	10. 04	10. 00	9. 95
21. 4000	9. 91	9. 86	9. 82	9. 78	9. 74
21. 6500	9. 70	9. 67	9. 63	9. 59	9. 56
21. 9000	9. 53	9. 49	9. 46	9. 43	9. 40
22. 1500	9. 37	9. 33	9. 31	9. 28	9. 25

S/N:  
PondPack Ver: Compute Time: Date:  
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♀

Type... Pond Routed HYG (total out) Page 16.109  
 Name... POND1 OUT Tag: 25 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 4. PPW  
 Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
22.4000	9.22	9.19	9.17	9.14	9.11
22.6500	9.09	9.06	9.04	9.01	8.99
22.9000	8.96	8.94	8.92	8.89	8.87
23.1500	8.85	8.82	8.80	8.78	8.76
23.4000	8.74	8.71	8.69	8.67	8.65
23.6500	8.63	8.61	8.59	8.57	8.55
23.9000	8.53	8.51	8.49	8.46	8.43
24.1500	8.38	8.30	8.19	8.04	7.86
24.4000	7.65	7.41	7.20	6.97	6.75
24.6500	6.52	6.29	6.06	5.84	5.63
24.9000	5.42	5.21	5.01	4.82	4.63
25.1500	4.46	4.28	4.12	3.97	3.85
25.4000	3.73	3.62	3.51	3.40	3.29
25.6500	3.19	3.09	3.00	2.91	2.82
25.9000	2.73	2.65	2.57	2.49	2.41
26.1500	2.34	2.27	2.20	2.13	2.06
26.4000	2.00	1.94	1.88	1.82	1.76
26.6500	1.71	1.66	1.61	1.56	1.51
26.9000	1.46	1.42	1.40	1.37	1.35
27.1500	1.33	1.30	1.28	1.26	1.24
27.4000	1.22	1.20	1.18	1.16	1.14
27.6500	1.12	1.10	1.08	1.06	1.04
27.9000	1.02	1.01	.99	.97	.96
28.1500	.94	.92	.91	.89	.88
28.4000	.86	.85	.83	.82	.80
28.6500	.79	.78	.76	.75	.74
28.9000	.73	.71	.70	.69	.68
29.1500	.67	.65	.64	.63	.62
29.4000	.61	.60	.59	.58	.57
29.6500	.56	.55	.54	.53	.52
29.9000	.51	.51	.50	.49	.48
30.1500	.47	.46	.46	.45	.44
30.4000	.43	.43	.42	.41	.40
30.6500	.40	.39	.38	.38	.37
30.9000	.36	.36	.35	.35	.34
31.1500	.33	.33	.32	.32	.31
31.4000	.31	.30	.30	.29	.29
31.6500	.28	.28	.27	.27	.26
31.9000	.26	.25	.25	.25	.24
32.1500	.24	.23	.23	.23	.22
32.4000	.22	.21	.21	.21	.20
32.6500	.20	.20	.19	.19	.19
32.9000	.18	.18	.18	.17	.17
33.1500	.17	.17	.16	.16	.16
33.4000	.15	.15	.15	.15	.14

S/N:  
 PondPack Ver: Compute Time: Date:

♀

Type... Pond Routed HYG (total out) Page 16.110  
 Name... POND1 OUT Tag: 25 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND  
 Page 1136



asbuilt basin 1 2 and 4.txt

4. PPW

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
33. 6500	.14	.14	.14	.13	.13
33. 9000	.13	.13	.13	.12	.12
34. 1500	.12	.12	.12	.11	.11
34. 4000	.11	.11	.11	.10	.10
34. 6500	.10	.10	.10	.10	.09
34. 9000	.09	.09	.09	.09	.09
35. 1500	.08	.08	.08	.08	.08
35. 4000	.08	.08	.07	.07	.07
35. 6500	.07	.07	.07	.07	.07
35. 9000	.07	.06	.06	.06	.06
36. 1500	.06	.06	.06	.06	.06
36. 4000	.05	.05	.05	.05	.05
36. 6500	.05	.05	.05	.05	.05
36. 9000	.05	.05	.04	.04	.04
37. 1500	.04	.04	.04	.04	.04
37. 4000	.04	.04	.04	.04	.04
37. 6500	.04	.04	.03	.03	.03
37. 9000	.03	.03	.03	.03	.03
38. 1500	.03	.03	.03	.03	.03
38. 4000	.03	.03	.03	.03	.03
38. 6500	.03	.02	.02	.02	.02
38. 9000	.02	.02	.02	.02	.02
39. 1500	.02	.02	.02	.02	.02
39. 4000	.02	.02	.02	.02	.02
39. 6500	.02	.02	.02	.02	.02
39. 9000	.02	.02	.02	.02	.02
40. 1500	.02	.01	.01	.01	.01
40. 4000	.01	.01	.01	.01	.01
40. 6500	.01	.01	.01	.01	.01
40. 9000	.01	.01	.01	.01	.01
41. 1500	.01	.01	.01	.01	.01
41. 4000	.01	.01	.01	.01	.01
41. 6500	.01	.01	.01	.01	.01
41. 9000	.01	.01	.01	.01	.01
42. 1500	.01	.01	.01	.01	.01
42. 4000	.01	.01	.01	.01	.01
42. 6500	.01	.01	.01	.01	.01
42. 9000	.01	.01	.01	.01	.01
43. 1500	.01	.01	.01	.01	.01
43. 4000	.00	.00	.00	.00	.00
43. 6500	.00	.00	.00	.00	.00
43. 9000	.00	.00	.00	.00	.00
44. 1500	.00	.00	.00	.00	.00
44. 4000	.00	.00	.00	.00	.00
44. 6500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routing Summary

Page 16.111

Name... POND1 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

LEVEL POOL ROUTING SUMMARY

Page 1137

asbuilt basin 1 2 and 4.txt

HYG Dir = \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Inflow HYG file = NONE STORED - POND1 IN 100  
 Outflow HYG file = NONE STORED - POND1 OUT 100

Pond Node Data = POND1  
 Pond Volume Data = POND1  
 Pond Outlet Data = Outlet 1

No Infiltration

INITIAL CONDITIONS

-----  
 Starting WS Elev = 599.48 ft  
 Starting Volume = 0 cu. ft  
 Starting Outflow = .00 cfs  
 Starting Infiltr. = .00 cfs  
 Starting Total Qout = .00 cfs  
 Time Increment = .0500 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

=====

Peak Inflow	=	622.12 cfs	at	12.1500 hrs
Peak Outflow	=	160.71 cfs	at	12.7000 hrs

-----

Peak Elevation	=	605.17 ft
Peak Storage	=	1027384 cu. ft

=====

MASS BALANCE (cu. ft)

-----

+ Initial Vol	=	0
+ HYG Vol IN	=	2705836
- Infiltration	=	0
- HYG Vol OUT	=	2705805
- Retained Vol	=	27

-----

Unrouted Vol = -3 cu. ft (.000% of Inflow Volume)

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16.112

Name... POND1 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

POND ROUTED TOTAL OUTFLOW HYG...

HYG file =  
 HYG ID = POND1 OUT  
 HYG Tag = 100

-----

Peak Discharge	=	160.71 cfs
Time to Peak	=	12.7000 hrs
HYG Volume	=	2705805 cu. ft

-----

asbuilt basin 1 2 and 4.txt  
 HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs

Time hrs	Time on left represents time for first value in each row.				
2. 8000	.00	.00	.00	.00	.00
3. 0500	.00	.00	.00	.01	.01
3. 3000	.01	.02	.03	.03	.04
3. 5500	.05	.06	.07	.08	.10
3. 8000	.11	.13	.14	.16	.18
4. 0500	.20	.22	.24	.26	.29
4. 3000	.31	.34	.37	.39	.42
4. 5500	.45	.49	.52	.55	.59
4. 8000	.63	.66	.70	.74	.78
5. 0500	.82	.87	.91	.96	1.00
5. 3000	1.05	1.10	1.15	1.20	1.25
5. 5500	1.30	1.36	1.41	1.50	1.60
5. 8000	1.71	1.81	1.91	2.01	2.12
6. 0500	2.22	2.32	2.43	2.53	2.64
6. 3000	2.74	2.85	2.95	3.06	3.17
6. 5500	3.28	3.38	3.49	3.60	3.71
6. 8000	3.82	3.93	4.04	4.18	4.32
7. 0500	4.46	4.60	4.74	4.88	5.02
7. 3000	5.15	5.29	5.43	5.56	5.70
7. 5500	5.83	5.97	6.10	6.23	6.37
7. 8000	6.50	6.63	6.77	6.90	7.03
8. 0500	7.16	7.29	7.43	7.59	7.74
8. 3000	7.90	8.06	8.23	8.40	8.57
8. 5500	8.75	8.94	9.13	9.33	9.54
8. 8000	9.75	9.97	10.20	10.43	10.67
9. 0500	10.92	11.17	11.43	11.73	12.02
9. 3000	12.32	12.61	12.90	13.19	13.47
9. 5500	13.75	14.02	14.29	14.55	14.82
9. 8000	15.08	15.35	15.62	15.90	16.22
10. 0500	16.56	16.90	17.26	17.63	18.02
10. 3000	18.42	18.85	19.29	19.76	20.25

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16.113

Name... POND1 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUI LT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs

Time hrs	Time on left represents time for first value in each row.				
10. 5500	20.76	21.32	21.91	22.54	23.19
10. 8000	23.87	24.58	25.33	26.11	26.98
11. 0500	27.89	28.86	29.87	30.93	32.06
11. 3000	33.32	34.68	36.14	37.72	39.45
11. 5500	41.40	43.63	46.44	50.23	55.66
11. 8000	63.66	75.40	85.71	92.86	101.27
12. 0500	110.38	119.58	128.27	135.95	142.40
12. 3000	147.60	151.67	154.75	157.01	158.61
12. 5500	159.68	160.34	160.66	160.71	160.53
12. 8000	160.16	159.64	158.99	158.23	157.39
13. 0500	156.47	155.48	154.44	153.35	152.21
13. 3000	151.03	149.82	148.57	147.30	146.00
13. 5500	144.68	143.33	141.96	140.57	139.16
13. 8000	137.74	136.30	134.84	133.37	131.88

asbuilt basin 1 2 and 4.txt

14. 0500	130.38	128.86	127.33	125.79	124.24
14. 3000	122.67	121.10	119.51	117.92	116.32
14. 5500	114.72	113.10	111.49	109.87	108.24
14. 8000	106.62	104.98	103.34	101.70	100.05
15. 0500	98.39	96.73	95.07	93.40	91.72
15. 3000	90.05	88.37	86.68	85.01	83.31
15. 5500	80.02	75.49	71.34	67.51	64.05
15. 8000	60.87	57.96	55.30	52.83	50.57
16. 0500	48.49	46.54	44.72	43.08	41.53
16. 3000	40.08	38.72	37.48	36.33	35.24
16. 5500	34.22	33.26	32.36	31.54	30.78
16. 8000	30.05	29.37	28.72	28.11	27.53
17. 0500	26.98	26.46	25.99	25.54	25.12
17. 3000	24.72	24.33	23.96	23.61	23.27
17. 5500	22.94	22.63	22.33	22.04	21.76
17. 8000	21.49	21.24	20.99	20.76	20.54
18. 0500	20.33	20.12	19.92	19.73	19.54
18. 3000	19.35	19.17	19.00	18.82	18.65
18. 5500	18.49	18.32	18.16	18.00	17.85
18. 8000	17.70	17.55	17.40	17.25	17.11
19. 0500	16.97	16.83	16.69	16.55	16.41
19. 3000	16.28	16.15	16.01	15.89	15.77
19. 5500	15.65	15.53	15.42	15.30	15.18
19. 8000	15.07	14.95	14.83	14.72	14.60
20. 0500	14.49	14.37	14.26	14.14	14.03
20. 3000	13.92	13.81	13.71	13.60	13.50
20. 5500	13.40	13.31	13.22	13.13	13.04
20. 8000	12.96	12.88	12.80	12.73	12.66
21. 0500	12.59	12.52	12.46	12.40	12.34
21. 3000	12.28	12.22	12.17	12.11	12.06
21. 5500	12.01	11.96	11.92	11.87	11.83

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Pond Routed HYG (total out)

Page 16.114

Name... POND1 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EImer-jobs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... Type I 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
21. 8000	11.78	11.74	11.70	11.66	11.62
22. 0500	11.58	11.54	11.51	11.47	11.44
22. 3000	11.40	11.37	11.34	11.31	11.28
22. 5500	11.25	11.22	11.20	11.17	11.14
22. 8000	11.11	11.09	11.06	11.03	11.01
23. 0500	10.98	10.95	10.93	10.90	10.88
23. 3000	10.85	10.83	10.80	10.78	10.75
23. 5500	10.73	10.70	10.68	10.65	10.63
23. 8000	10.60	10.58	10.56	10.53	10.51
24. 0500	10.48	10.44	10.38	10.28	10.14
24. 3000	9.96	9.73	9.47	9.18	8.87
24. 5500	8.55	8.23	7.90	7.58	7.28
24. 8000	7.02	6.76	6.50	6.26	6.02
25. 0500	5.79	5.57	5.35	5.14	4.94
25. 3000	4.75	4.57	4.39	4.22	4.05
25. 5500	3.92	3.80	3.68	3.57	3.46
25. 8000	3.35	3.25	3.15	3.05	2.96
26. 0500	2.87	2.78	2.70	2.61	2.53

asbuilt basin 1 2 and 4.txt

26. 3000	2. 45	2. 38	2. 31	2. 24	2. 17
26. 5500	2. 10	2. 04	1. 97	1. 91	1. 85
26. 8000	1. 80	1. 74	1. 69	1. 64	1. 59
27. 0500	1. 54	1. 49	1. 44	1. 41	1. 39
27. 3000	1. 36	1. 34	1. 32	1. 29	1. 27
27. 5500	1. 25	1. 23	1. 21	1. 19	1. 17
27. 8000	1. 15	1. 13	1. 11	1. 09	1. 07
28. 0500	1. 05	1. 03	1. 02	1. 00	. 98
28. 3000	. 97	. 95	. 93	. 92	. 90
28. 5500	. 89	. 87	. 86	. 84	. 83
28. 8000	. 81	. 80	. 79	. 77	. 76
29. 0500	. 75	. 73	. 72	. 71	. 70
29. 3000	. 68	. 67	. 66	. 65	. 64
29. 5500	. 63	. 62	. 61	. 60	. 59
29. 8000	. 58	. 57	. 56	. 55	. 54
30. 0500	. 53	. 52	. 51	. 50	. 49
30. 3000	. 48	. 48	. 47	. 46	. 45
30. 5500	. 44	. 44	. 43	. 42	. 42
30. 8000	. 41	. 40	. 39	. 39	. 38
31. 0500	. 37	. 37	. 36	. 36	. 35
31. 3000	. 34	. 34	. 33	. 33	. 32
31. 5500	. 32	. 31	. 30	. 30	. 29
31. 8000	. 29	. 28	. 28	. 27	. 27
32. 0500	. 27	. 26	. 26	. 25	. 25
32. 3000	. 24	. 24	. 24	. 23	. 23
32. 5500	. 22	. 22	. 22	. 21	. 21
32. 8000	. 21	. 20	. 20	. 19	. 19

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Pond Routed HYG (total out)

Page 16.115

Name... POND1 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeI 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
33. 0500	. 19	. 18	. 18	. 18	. 18
33. 3000	. 17	. 17	. 17	. 16	. 16
33. 5500	. 16	. 16	. 15	. 15	. 15
33. 8000	. 15	. 14	. 14	. 14	. 14
34. 0500	. 13	. 13	. 13	. 13	. 12
34. 3000	. 12	. 12	. 12	. 12	. 11
34. 5500	. 11	. 11	. 11	. 11	. 10
34. 8000	. 10	. 10	. 10	. 10	. 10
35. 0500	. 09	. 09	. 09	. 09	. 09
35. 3000	. 09	. 09	. 08	. 08	. 08
35. 5500	. 08	. 08	. 08	. 08	. 07
35. 8000	. 07	. 07	. 07	. 07	. 07
36. 0500	. 07	. 07	. 06	. 06	. 06
36. 3000	. 06	. 06	. 06	. 06	. 06
36. 5500	. 06	. 06	. 05	. 05	. 05
36. 8000	. 05	. 05	. 05	. 05	. 05
37. 0500	. 05	. 05	. 05	. 05	. 04
37. 3000	. 04	. 04	. 04	. 04	. 04
37. 5500	. 04	. 04	. 04	. 04	. 04
37. 8000	. 04	. 04	. 04	. 03	. 03
38. 0500	. 03	. 03	. 03	. 03	. 03
38. 3000	. 03	. 03	. 03	. 03	. 03

asbuilt basin 1 2 and 4.txt

38. 5500	.03	.03	.03	.03	.03	.03
38. 8000	.03	.03	.03	.03	.02	.02
39. 0500	.02	.02	.02	.02	.02	.02
39. 3000	.02	.02	.02	.02	.02	.02
39. 5500	.02	.02	.02	.02	.02	.02
39. 8000	.02	.02	.02	.02	.02	.02
40. 0500	.02	.02	.02	.02	.02	.02
40. 3000	.02	.02	.01	.01	.01	.01
40. 5500	.01	.01	.01	.01	.01	.01
40. 8000	.01	.01	.01	.01	.01	.01
41. 0500	.01	.01	.01	.01	.01	.01
41. 3000	.01	.01	.01	.01	.01	.01
41. 5500	.01	.01	.01	.01	.01	.01
41. 8000	.01	.01	.01	.01	.01	.01
42. 0500	.01	.01	.01	.01	.01	.01
42. 3000	.01	.01	.01	.01	.01	.01
42. 5500	.01	.01	.01	.01	.01	.01
42. 8000	.01	.01	.01	.01	.01	.01
43. 0500	.01	.01	.01	.01	.01	.01
43. 3000	.01	.01	.01	.01	.01	.01
43. 5500	.01	.00	.00	.00	.00	.00
43. 8000	.00	.00	.00	.00	.00	.00
44. 0500	.00	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Pond Routed HYG (total out)

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Name... POND1 OUT Tag: 100

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\ASBUILT BASIN 1 2 AND

4. PPW

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
44. 3000	.00	.00	.00	.00	.00
44. 5500	.00	.00	.00	.00	.00
44. 8000	.00	.00	.00	.00	.00
45. 0500	.00	.00			

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Di verted Hydrograph

Page 16.117

Name... ROUTE 1

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

DI VERTED HYDROGRAPH...

HYG file =  
HYG ID = ROUTE 1  
HYG Tag = 15

-----  
Peak Di scharge = 134.18 cfs  
Time to Peak = 12.6000 hrs  
HYG Vol ume = 1883215 cu. ft  
-----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs  
Page 1142

Time					
------	--	--	--	--	--

asbuilt basin 1 2 and 4.txt

hrs	Time on left represents time for first value in each row.				
3. 9000	.00	.00	.00	.00	.01
4. 1500	.01	.01	.02	.02	.03
4. 4000	.03	.04	.05	.06	.07
4. 6500	.08	.09	.10	.11	.12
4. 9000	.13	.15	.16	.18	.19
5. 1500	.21	.23	.25	.27	.29
5. 4000	.31	.33	.35	.37	.40
5. 6500	.42	.45	.48	.50	.53
5. 9000	.56	.59	.62	.65	.69
6. 1500	.72	.75	.79	.82	.86
6. 4000	.90	.93	.97	1.01	1.05
6. 6500	1.09	1.13	1.17	1.22	1.26
6. 9000	1.30	1.35	1.39	1.45	1.53
7. 1500	1.62	1.70	1.78	1.87	1.95
7. 4000	2.04	2.12	2.20	2.29	2.37
7. 6500	2.46	2.54	2.62	2.71	2.79
7. 9000	2.88	2.96	3.05	3.13	3.22
8. 1500	3.31	3.39	3.48	3.57	3.66
8. 4000	3.75	3.85	3.95	4.05	4.18
8. 6500	4.32	4.46	4.60	4.75	4.90
8. 9000	5.05	5.21	5.37	5.53	5.70
9. 1500	5.87	6.04	6.21	6.39	6.56
9. 4000	6.74	6.92	7.09	7.26	7.44
9. 6500	7.64	7.83	8.03	8.22	8.42
9. 9000	8.62	8.83	9.04	9.26	9.48
10. 1500	9.71	9.95	10.20	10.46	10.74
10. 4000	11.02	11.32	11.65	12.01	12.39
10. 6500	12.77	13.18	13.60	14.04	14.50
10. 9000	14.98	15.48	16.02	16.63	17.26
11. 1500	17.93	18.63	19.37	20.16	21.01
11. 4000	21.98	23.03	24.15	25.38	26.81

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 1

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Time hrs	Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
11. 6500	28.64	31.03	34.45	39.46	46.88
11. 9000	57.63	72.79	85.96	93.48	101.15
12. 1500	108.40	114.83	120.21	124.53	127.86
12. 4000	130.32	132.06	133.21	133.89	134.18
12. 6500	134.18	133.92	133.47	132.84	132.06
12. 9000	131.17	130.18	129.11	127.97	126.77
13. 1500	125.52	124.22	122.89	121.51	120.11
13. 4000	118.68	117.21	115.73	114.23	112.71
13. 6500	111.16	109.60	108.03	106.45	104.84
13. 9000	103.22	101.58	99.94	98.27	96.59
14. 1500	94.91	93.21	91.49	89.77	88.04
14. 4000	86.29	84.55	82.81	78.42	73.85
14. 6500	69.66	65.83	62.36	59.16	56.28
14. 9000	53.61	51.15	48.92	46.84	44.90
15. 1500	43.16	41.53	39.99	38.55	37.25
15. 4000	36.03	34.88	33.79	32.76	31.81
15. 6500	30.93	30.10	29.30	28.55	27.82

asbuilt basin 1 2 and 4.txt

15. 9000	27. 13	26. 47	25. 87	25. 29	24. 74
16. 1500	24. 21	23. 70	23. 21	22. 74	22. 29
16. 4000	21. 85	21. 43	21. 04	20. 67	20. 33
16. 6500	20. 01	19. 70	19. 40	19. 11	18. 83
16. 9000	18. 56	18. 31	18. 06	17. 83	17. 60
17. 1500	17. 38	17. 17	16. 96	16. 76	16. 57
17. 4000	16. 39	16. 21	16. 04	15. 87	15. 72
17. 6500	15. 58	15. 43	15. 30	15. 16	15. 03
17. 9000	14. 90	14. 77	14. 64	14. 52	14. 40
18. 1500	14. 28	14. 16	14. 05	13. 94	13. 82
18. 4000	13. 71	13. 61	13. 50	13. 39	13. 29
18. 6500	13. 19	13. 09	12. 98	12. 88	12. 79
18. 9000	12. 69	12. 59	12. 50	12. 40	12. 31
19. 1500	12. 21	12. 12	12. 03	11. 93	11. 84
19. 4000	11. 75	11. 66	11. 57	11. 48	11. 39
19. 6500	11. 31	11. 24	11. 16	11. 08	11. 00
19. 9000	10. 92	10. 84	10. 76	10. 68	10. 60
20. 1500	10. 52	10. 44	10. 36	10. 29	10. 21
20. 4000	10. 14	10. 06	9. 99	9. 92	9. 85
20. 6500	9. 79	9. 72	9. 66	9. 60	9. 54
20. 9000	9. 49	9. 43	9. 38	9. 33	9. 28
21. 1500	9. 23	9. 19	9. 14	9. 10	9. 05
21. 4000	9. 01	8. 97	8. 93	8. 90	8. 86
21. 6500	8. 82	8. 79	8. 75	8. 72	8. 69
21. 9000	8. 66	8. 62	8. 59	8. 56	8. 54
22. 1500	8. 51	8. 48	8. 45	8. 42	8. 40
22. 4000	8. 37	8. 35	8. 32	8. 30	8. 27
22. 6500	8. 25	8. 23	8. 20	8. 18	8. 16

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 1

Event: 15 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Storm... Type I 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
22. 9000	8. 14	8. 11	8. 09	8. 07	8. 05
23. 1500	8. 03	8. 01	7. 99	7. 97	7. 95
23. 4000	7. 93	7. 91	7. 89	7. 87	7. 85
23. 6500	7. 83	7. 81	7. 79	7. 77	7. 76
23. 9000	7. 74	7. 72	7. 70	7. 68	7. 65
24. 1500	7. 60	7. 53	7. 43	7. 31	7. 17
24. 4000	7. 00	6. 82	6. 62	6. 41	6. 20
24. 6500	5. 99	5. 78	5. 58	5. 37	5. 17
24. 9000	4. 98	4. 79	4. 61	4. 43	4. 26
25. 1500	4. 10	3. 96	3. 84	3. 72	3. 61
25. 4000	3. 50	3. 39	3. 28	3. 18	3. 09
25. 6500	2. 99	2. 90	2. 81	2. 72	2. 64
25. 9000	2. 56	2. 48	2. 40	2. 33	2. 26
26. 1500	2. 19	2. 12	2. 06	1. 99	1. 93
26. 4000	1. 87	1. 82	1. 76	1. 71	1. 65
26. 6500	1. 60	1. 55	1. 51	1. 46	1. 42
26. 9000	1. 39	1. 37	1. 35	1. 32	1. 30
27. 1500	1. 28	1. 26	1. 24	1. 21	1. 19
27. 4000	1. 17	1. 15	1. 13	1. 11	1. 10
27. 6500	1. 08	1. 06	1. 04	1. 02	1. 00
27. 9000	. 99	. 97	. 95	. 94	. 92
28. 1500	. 91	. 89	. 88	. 86	. 85



asbuilt basin 1 2 and 4.txt

28. 4000	.83	.82	.80	.79	.78
28. 6500	.76	.75	.74	.72	.71
28. 9000	.70	.69	.68	.66	.65
29. 1500	.64	.63	.62	.61	.60
29. 4000	.59	.58	.57	.56	.55
29. 6500	.54	.53	.52	.51	.50
29. 9000	.50	.49	.48	.47	.46
30. 1500	.46	.45	.44	.43	.42
30. 4000	.42	.41	.40	.40	.39
30. 6500	.38	.38	.37	.36	.36
30. 9000	.35	.35	.34	.33	.33
31. 1500	.32	.32	.31	.31	.30
31. 4000	.30	.29	.29	.28	.28
31. 6500	.27	.27	.26	.26	.25
31. 9000	.25	.24	.24	.24	.23
32. 1500	.23	.22	.22	.22	.21
32. 4000	.21	.21	.20	.20	.20
32. 6500	.19	.19	.19	.18	.18
32. 9000	.18	.17	.17	.17	.16
33. 1500	.16	.16	.16	.15	.15
33. 4000	.15	.15	.14	.14	.14
33. 6500	.14	.13	.13	.13	.13
33. 9000	.13	.12	.12	.12	.12

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Diverted Hydrograph

Name... ROUTE 1

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... Typell 24hr Tag: 15

Page 16.120

Event: 15 yr

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
34. 1500	.11	.11	.11	.11	.11
34. 4000	.11	.10	.10	.10	.10
34. 6500	.10	.10	.09	.09	.09
34. 9000	.09	.09	.09	.08	.08
35. 1500	.08	.08	.08	.08	.08
35. 4000	.07	.07	.07	.07	.07
35. 6500	.07	.07	.07	.07	.06
35. 9000	.06	.06	.06	.06	.06
36. 1500	.06	.06	.06	.05	.05
36. 4000	.05	.05	.05	.05	.05
36. 6500	.05	.05	.05	.05	.05
36. 9000	.04	.04	.04	.04	.04
37. 1500	.04	.04	.04	.04	.04
37. 4000	.04	.04	.04	.04	.04
37. 6500	.03	.03	.03	.03	.03
37. 9000	.03	.03	.03	.03	.03
38. 1500	.03	.03	.03	.03	.03
38. 4000	.03	.03	.03	.03	.02
38. 6500	.02	.02	.02	.02	.02
38. 9000	.02	.02	.02	.02	.02
39. 1500	.02	.02	.02	.02	.02
39. 4000	.02	.02	.02	.02	.02
39. 6500	.02	.02	.02	.02	.02
39. 9000	.02	.02	.02	.02	.01
40. 1500	.01	.01	.01	.01	.01
40. 4000	.01	.01	.01	.01	.01
40. 6500	.01	.01	.01	.01	.01

asbuilt basin 1 2 and 4.txt

40. 9000	.01	.01	.01	.01	.01
41. 1500	.01	.01	.01	.01	.01
41. 4000	.01	.01	.01	.01	.01
41. 6500	.01	.01	.01	.01	.01
41. 9000	.01	.01	.01	.01	.01
42. 1500	.01	.01	.01	.01	.01
42. 4000	.01	.01	.01	.01	.01
42. 6500	.01	.01	.01	.01	.01
42. 9000	.01	.01	.01	.01	.01
43. 1500	.01	.01	.01	.00	.00
43. 4000	.00	.00	.00	.00	.00
43. 6500	.00	.00	.00	.00	.00
43. 9000	.00	.00	.00	.00	.00
44. 1500	.00	.00	.00	.00	.00
44. 4000	.00	.00	.00	.00	.00
44. 6500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 1

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 25

DI VERTED HYDROGRAPH...

HYG file =  
 HYG ID = ROUTE 1  
 HYG Tag = 25

-----  
 Peak Di scharge = 142.14 cfs  
 Time to Peak = 12.6500 hrs  
 HYG Volume = 2110362 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
3. 6000	.00	.00	.00	.00	.01
3. 8500	.01	.01	.02	.02	.03
4. 1000	.04	.04	.05	.06	.07
4. 3500	.08	.09	.10	.12	.13
4. 6000	.14	.16	.18	.19	.21
4. 8500	.23	.25	.27	.29	.31
5. 1000	.34	.36	.38	.41	.44
5. 3500	.46	.49	.52	.55	.58
5. 6000	.62	.65	.68	.72	.75
5. 8500	.79	.83	.87	.91	.95
6. 1000	.99	1.03	1.07	1.11	1.16
6. 3500	1.20	1.25	1.29	1.34	1.39
6. 6000	1.45	1.54	1.63	1.71	1.80
6. 8500	1.89	1.98	2.07	2.16	2.25
7. 1000	2.34	2.43	2.52	2.61	2.70
7. 3500	2.79	2.88	2.98	3.07	3.16
7. 6000	3.25	3.34	3.43	3.53	3.62
7. 8500	3.71	3.81	3.90	3.99	4.10
8. 1000	4.22	4.34	4.46	4.58	4.70
8. 3500	4.82	4.95	5.08	5.21	5.34
8. 6000	5.48	5.62	5.77	5.92	6.08
8. 8500	6.24	6.40	6.57	6.75	6.92
9. 1000	7.11	7.29	7.50	7.72	7.94

asbuilt basin 1 2 and 4.txt

9. 3500	8. 17	8. 39	8. 61	8. 83	9. 04
9. 6000	9. 25	9. 46	9. 67	9. 87	10. 08
9. 8500	10. 29	10. 50	10. 72	10. 95	11. 18
10. 1000	11. 43	11. 71	12. 00	12. 30	12. 62
10. 3500	12. 95	13. 29	13. 65	14. 02	14. 41
10. 6000	14. 81	15. 23	15. 67	16. 16	16. 68
10. 8500	17. 23	17. 81	18. 41	19. 04	19. 70
11. 1000	20. 39	21. 14	21. 96	22. 83	23. 76

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 1

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
11. 3500	24. 76	25. 83	27. 01	28. 33	29. 76
11. 6000	31. 40	33. 49	36. 27	40. 22	46. 05
11. 8500	54. 66	67. 07	83. 16	90. 46	98. 47
12. 1000	106. 60	114. 29	121. 10	126. 82	131. 42
12. 3500	134. 98	137. 64	139. 55	140. 84	141. 64
12. 6000	142. 04	142. 14	141. 98	141. 61	141. 05
12. 8500	140. 35	139. 54	138. 62	137. 61	136. 54
13. 1000	135. 40	134. 21	132. 97	131. 69	130. 38
13. 3500	129. 03	127. 65	126. 24	124. 81	123. 36
13. 6000	121. 88	120. 39	118. 88	117. 35	115. 81
13. 8500	114. 26	112. 69	111. 10	109. 50	107. 89
14. 1000	106. 28	104. 64	102. 99	101. 32	99. 65
14. 3500	97. 97	96. 27	94. 57	92. 87	91. 15
14. 6000	89. 43	87. 72	85. 99	84. 26	82. 54
14. 8500	77. 74	73. 29	69. 21	65. 48	62. 11
15. 1000	58. 99	56. 18	53. 57	51. 18	49. 00
15. 3500	46. 96	45. 06	43. 35	41. 75	40. 24
15. 6000	38. 82	37. 53	36. 33	35. 19	34. 11
15. 8500	33. 09	32. 13	31. 26	30. 43	29. 64
16. 1000	28. 88	28. 15	27. 46	26. 80	26. 18
16. 3500	25. 62	25. 07	24. 56	24. 06	23. 59
16. 6000	23. 14	22. 71	22. 30	21. 91	21. 54
16. 8500	21. 18	20. 85	20. 54	20. 25	19. 97
17. 1000	19. 71	19. 45	19. 20	18. 96	18. 73
17. 3500	18. 50	18. 29	18. 08	17. 88	17. 68
17. 6000	17. 49	17. 31	17. 13	16. 96	16. 79
17. 8500	16. 62	16. 46	16. 31	16. 16	16. 01
18. 1000	15. 87	15. 74	15. 61	15. 48	15. 36
18. 3500	15. 24	15. 12	15. 00	14. 88	14. 76
18. 6000	14. 65	14. 54	14. 43	14. 31	14. 21
18. 8500	14. 10	13. 99	13. 88	13. 78	13. 67
19. 1000	13. 57	13. 47	13. 36	13. 26	13. 16
19. 3500	13. 06	12. 96	12. 86	12. 76	12. 66
19. 6000	12. 57	12. 47	12. 37	12. 27	12. 18
19. 8500	12. 08	11. 99	11. 89	11. 80	11. 70
20. 1000	11. 61	11. 51	11. 42	11. 34	11. 25
20. 3500	11. 17	11. 10	11. 02	10. 94	10. 87
20. 6000	10. 80	10. 73	10. 66	10. 60	10. 53
20. 8500	10. 47	10. 41	10. 35	10. 30	10. 24
21. 1000	10. 19	10. 14	10. 09	10. 04	10. 00
21. 3500	9. 95	9. 91	9. 86	9. 82	9. 78
21. 6000	9. 74	9. 70	9. 67	9. 63	9. 59

asbuilt basin 1 2 and 4.txt

21. 8500	9.56	9.53	9.49	9.46	9.43
22. 1000	9.40	9.37	9.33	9.31	9.28
22. 3500	9.25	9.22	9.19	9.17	9.14

S/N:

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Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 1

Event: 25 yr

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
22. 6000	9.11	9.09	9.06	9.04	9.01
22. 8500	8.99	8.96	8.94	8.92	8.89
23. 1000	8.87	8.85	8.82	8.80	8.78
23. 3500	8.76	8.74	8.71	8.69	8.67
23. 6000	8.65	8.63	8.61	8.59	8.57
23. 8500	8.55	8.53	8.51	8.49	8.46
24. 1000	8.43	8.38	8.30	8.19	8.04
24. 3500	7.86	7.65	7.41	7.20	6.97
24. 6000	6.75	6.52	6.29	6.06	5.84
24. 8500	5.63	5.42	5.21	5.01	4.82
25. 1000	4.63	4.46	4.28	4.12	3.97
25. 3500	3.85	3.73	3.62	3.51	3.40
25. 6000	3.29	3.19	3.09	3.00	2.91
25. 8500	2.82	2.73	2.65	2.57	2.49
26. 1000	2.41	2.34	2.27	2.20	2.13
26. 3500	2.06	2.00	1.94	1.88	1.82
26. 6000	1.76	1.71	1.66	1.61	1.56
26. 8500	1.51	1.46	1.42	1.40	1.37
27. 1000	1.35	1.33	1.30	1.28	1.26
27. 3500	1.24	1.22	1.20	1.18	1.16
27. 6000	1.14	1.12	1.10	1.08	1.06
27. 8500	1.04	1.02	1.01	.99	.97
28. 1000	.96	.94	.92	.91	.89
28. 3500	.88	.86	.85	.83	.82
28. 6000	.80	.79	.78	.76	.75
28. 8500	.74	.73	.71	.70	.69
29. 1000	.68	.67	.65	.64	.63
29. 3500	.62	.61	.60	.59	.58
29. 6000	.57	.56	.55	.54	.53
29. 8500	.52	.51	.51	.50	.49
30. 1000	.48	.47	.46	.46	.45
30. 3500	.44	.43	.43	.42	.41
30. 6000	.40	.40	.39	.38	.38
30. 8500	.37	.36	.36	.35	.35
31. 1000	.34	.33	.33	.32	.32
31. 3500	.31	.31	.30	.30	.29
31. 6000	.29	.28	.28	.27	.27
31. 8500	.26	.26	.25	.25	.25
32. 1000	.24	.24	.23	.23	.23
32. 3500	.22	.22	.21	.21	.21
32. 6000	.20	.20	.20	.19	.19
32. 8500	.19	.18	.18	.18	.17
33. 1000	.17	.17	.17	.16	.16
33. 3500	.16	.15	.15	.15	.15
33. 6000	.14	.14	.14	.14	.13

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Type... Diverted Hydrograph

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Name... ROUTE 1

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
33. 8500	.13	.13	.13	.13	.12
34. 1000	.12	.12	.12	.12	.11
34. 3500	.11	.11	.11	.11	.10
34. 6000	.10	.10	.10	.10	.10
34. 8500	.09	.09	.09	.09	.09
35. 1000	.09	.08	.08	.08	.08
35. 3500	.08	.08	.08	.07	.07
35. 6000	.07	.07	.07	.07	.07
35. 8500	.07	.07	.06	.06	.06
36. 1000	.06	.06	.06	.06	.06
36. 3500	.06	.05	.05	.05	.05
36. 6000	.05	.05	.05	.05	.05
36. 8500	.05	.05	.05	.04	.04
37. 1000	.04	.04	.04	.04	.04
37. 3500	.04	.04	.04	.04	.04
37. 6000	.04	.04	.04	.03	.03
37. 8500	.03	.03	.03	.03	.03
38. 1000	.03	.03	.03	.03	.03
38. 3500	.03	.03	.03	.03	.03
38. 6000	.03	.03	.02	.02	.02
38. 8500	.02	.02	.02	.02	.02
39. 1000	.02	.02	.02	.02	.02
39. 3500	.02	.02	.02	.02	.02
39. 6000	.02	.02	.02	.02	.02
39. 8500	.02	.02	.02	.02	.02
40. 1000	.02	.02	.01	.01	.01
40. 3500	.01	.01	.01	.01	.01
40. 6000	.01	.01	.01	.01	.01
40. 8500	.01	.01	.01	.01	.01
41. 1000	.01	.01	.01	.01	.01
41. 3500	.01	.01	.01	.01	.01
41. 6000	.01	.01	.01	.01	.01
41. 8500	.01	.01	.01	.01	.01
42. 1000	.01	.01	.01	.01	.01
42. 3500	.01	.01	.01	.01	.01
42. 6000	.01	.01	.01	.01	.01
42. 8500	.01	.01	.01	.01	.01
43. 1000	.01	.01	.01	.01	.01
43. 3500	.01	.00	.00	.00	.00
43. 6000	.00	.00	.00	.00	.00
43. 8500	.00	.00	.00	.00	.00
44. 1000	.00	.00	.00	.00	.00
44. 3500	.00	.00	.00	.00	.00
44. 6000	.00	.00	.00	.00	.00
44. 8500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 1

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100 asbuilt basin 1 2 and 4.txt

DI VERTED HYDROGRAPH...

HYG file =  
 HYG ID = ROUTE 1  
 HYG Tag = 100

-----  
 Peak Discharge = 160.71 cfs  
 Time to Peak = 12.7000 hrs  
 HYG Volume = 2705805 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
3.0000	.00	.00	.00	.00	.01
3.2500	.01	.01	.02	.03	.03
3.5000	.04	.05	.06	.07	.08
3.7500	.10	.11	.13	.14	.16
4.0000	.18	.20	.22	.24	.26
4.2500	.29	.31	.34	.37	.39
4.5000	.42	.45	.49	.52	.55
4.7500	.59	.63	.66	.70	.74
5.0000	.78	.82	.87	.91	.96
5.2500	1.00	1.05	1.10	1.15	1.20
5.5000	1.25	1.30	1.36	1.41	1.50
5.7500	1.60	1.71	1.81	1.91	2.01
6.0000	2.12	2.22	2.32	2.43	2.53
6.2500	2.64	2.74	2.85	2.95	3.06
6.5000	3.17	3.28	3.38	3.49	3.60
6.7500	3.71	3.82	3.93	4.04	4.18
7.0000	4.32	4.46	4.60	4.74	4.88
7.2500	5.02	5.15	5.29	5.43	5.56
7.5000	5.70	5.83	5.97	6.10	6.23
7.7500	6.37	6.50	6.63	6.77	6.90
8.0000	7.03	7.16	7.29	7.43	7.59
8.2500	7.74	7.90	8.06	8.23	8.40
8.5000	8.57	8.75	8.94	9.13	9.33
8.7500	9.54	9.75	9.97	10.20	10.43
9.0000	10.67	10.92	11.17	11.43	11.73
9.2500	12.02	12.32	12.61	12.90	13.19
9.5000	13.47	13.75	14.02	14.29	14.55
9.7500	14.82	15.08	15.35	15.62	15.90
10.0000	16.22	16.56	16.90	17.26	17.63
10.2500	18.02	18.42	18.85	19.29	19.76
10.5000	20.25	20.76	21.32	21.91	22.54

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 1

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
10.7500	23.19	23.87	24.58	25.33	26.11
11.0000	26.98	27.89	28.86	29.87	30.93

asbuilt basin 1 2 and 4.txt

11. 2500	32.06	33.32	34.68	36.14	37.72
11. 5000	39.45	41.40	43.63	46.44	50.23
11. 7500	55.66	63.66	75.40	85.71	92.86
12. 0000	101.27	110.38	119.58	128.27	135.95
12. 2500	142.40	147.60	151.67	154.75	157.01
12. 5000	158.61	159.68	160.34	160.66	160.71
12. 7500	160.53	160.16	159.64	158.99	158.23
13. 0000	157.39	156.47	155.48	154.44	153.35
13. 2500	152.21	151.03	149.82	148.57	147.30
13. 5000	146.00	144.68	143.33	141.96	140.57
13. 7500	139.16	137.74	136.30	134.84	133.37
14. 0000	131.88	130.38	128.86	127.33	125.79
14. 2500	124.24	122.67	121.10	119.51	117.92
14. 5000	116.32	114.72	113.10	111.49	109.87
14. 7500	108.24	106.62	104.98	103.34	101.70
15. 0000	100.05	98.39	96.73	95.07	93.40
15. 2500	91.72	90.05	88.37	86.68	85.01
15. 5000	83.31	80.02	75.49	71.34	67.51
15. 7500	64.05	60.87	57.96	55.30	52.83
16. 0000	50.57	48.49	46.54	44.72	43.08
16. 2500	41.53	40.08	38.72	37.48	36.33
16. 5000	35.24	34.22	33.26	32.36	31.54
16. 7500	30.78	30.05	29.37	28.72	28.11
17. 0000	27.53	26.98	26.46	25.99	25.54
17. 2500	25.12	24.72	24.33	23.96	23.61
17. 5000	23.27	22.94	22.63	22.33	22.04
17. 7500	21.76	21.49	21.24	20.99	20.76
18. 0000	20.54	20.33	20.12	19.92	19.73
18. 2500	19.54	19.35	19.17	19.00	18.82
18. 5000	18.65	18.49	18.32	18.16	18.00
18. 7500	17.85	17.70	17.55	17.40	17.25
19. 0000	17.11	16.97	16.83	16.69	16.55
19. 2500	16.41	16.28	16.15	16.01	15.89
19. 5000	15.77	15.65	15.53	15.42	15.30
19. 7500	15.18	15.07	14.95	14.83	14.72
20. 0000	14.60	14.49	14.37	14.26	14.14
20. 2500	14.03	13.92	13.81	13.71	13.60
20. 5000	13.50	13.40	13.31	13.22	13.13
20. 7500	13.04	12.96	12.88	12.80	12.73
21. 0000	12.66	12.59	12.52	12.46	12.40
21. 2500	12.34	12.28	12.22	12.17	12.11
21. 5000	12.06	12.01	11.96	11.92	11.87
21. 7500	11.83	11.78	11.74	11.70	11.66

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Diverted Hydrograph

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Name... ROUTE 1

Event: 100 yr

File... \\2serverprsr\PondPack\Elmer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
22. 0000	11.62	11.58	11.54	11.51	11.47
22. 2500	11.44	11.40	11.37	11.34	11.31
22. 5000	11.28	11.25	11.22	11.20	11.17
22. 7500	11.14	11.11	11.09	11.06	11.03
23. 0000	11.01	10.98	10.95	10.93	10.90
23. 2500	10.88	10.85	10.83	10.80	10.78
23. 5000	10.75	10.73	10.70	10.68	10.65

asbuilt basin 1 2 and 4.txt

23. 7500	10. 63	10. 60	10. 58	10. 56	10. 53
24. 0000	10. 51	10. 48	10. 44	10. 38	10. 28
24. 2500	10. 14	9. 96	9. 73	9. 47	9. 18
24. 5000	8. 87	8. 55	8. 23	7. 90	7. 58
24. 7500	7. 28	7. 02	6. 76	6. 50	6. 26
25. 0000	6. 02	5. 79	5. 57	5. 35	5. 14
25. 2500	4. 94	4. 75	4. 57	4. 39	4. 22
25. 5000	4. 05	3. 92	3. 80	3. 68	3. 57
25. 7500	3. 46	3. 35	3. 25	3. 15	3. 05
26. 0000	2. 96	2. 87	2. 78	2. 70	2. 61
26. 2500	2. 53	2. 45	2. 38	2. 31	2. 24
26. 5000	2. 17	2. 10	2. 04	1. 97	1. 91
26. 7500	1. 85	1. 80	1. 74	1. 69	1. 64
27. 0000	1. 59	1. 54	1. 49	1. 44	1. 41
27. 2500	1. 39	1. 36	1. 34	1. 32	1. 29
27. 5000	1. 27	1. 25	1. 23	1. 21	1. 19
27. 7500	1. 17	1. 15	1. 13	1. 11	1. 09
28. 0000	1. 07	1. 05	1. 03	1. 02	1. 00
28. 2500	. 98	. 97	. 95	. 93	. 92
28. 5000	. 90	. 89	. 87	. 86	. 84
28. 7500	. 83	. 81	. 80	. 79	. 77
29. 0000	. 76	. 75	. 73	. 72	. 71
29. 2500	. 70	. 68	. 67	. 66	. 65
29. 5000	. 64	. 63	. 62	. 61	. 60
29. 7500	. 59	. 58	. 57	. 56	. 55
30. 0000	. 54	. 53	. 52	. 51	. 50
30. 2500	. 49	. 48	. 48	. 47	. 46
30. 5000	. 45	. 44	. 44	. 43	. 42
30. 7500	. 42	. 41	. 40	. 39	. 39
31. 0000	. 38	. 37	. 37	. 36	. 36
31. 2500	. 35	. 34	. 34	. 33	. 33
31. 5000	. 32	. 32	. 31	. 30	. 30
31. 7500	. 29	. 29	. 28	. 28	. 27
32. 0000	. 27	. 27	. 26	. 26	. 25
32. 2500	. 25	. 24	. 24	. 24	. 23
32. 5000	. 23	. 22	. 22	. 22	. 21
32. 7500	. 21	. 21	. 20	. 20	. 19
33. 0000	. 19	. 19	. 18	. 18	. 18

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 1

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

33. 2500	. 18	. 17	. 17	. 17	. 16
33. 5000	. 16	. 16	. 16	. 15	. 15
33. 7500	. 15	. 15	. 14	. 14	. 14
34. 0000	. 14	. 13	. 13	. 13	. 13
34. 2500	. 12	. 12	. 12	. 12	. 12
34. 5000	. 11	. 11	. 11	. 11	. 11
34. 7500	. 10	. 10	. 10	. 10	. 10
35. 0000	. 10	. 09	. 09	. 09	. 09
35. 2500	. 09	. 09	. 09	. 08	. 08
35. 5000	. 08	. 08	. 08	. 08	. 08
35. 7500	. 07	. 07	. 07	. 07	. 07
36. 0000	. 07	. 07	. 07	. 06	. 06



asbuilt basin 1 2 and 4.txt

36. 2500	.06	.06	.06	.06	.06
36. 5000	.06	.06	.06	.05	.05
36. 7500	.05	.05	.05	.05	.05
37. 0000	.05	.05	.05	.05	.05
37. 2500	.04	.04	.04	.04	.04
37. 5000	.04	.04	.04	.04	.04
37. 7500	.04	.04	.04	.04	.03
38. 0000	.03	.03	.03	.03	.03
38. 2500	.03	.03	.03	.03	.03
38. 5000	.03	.03	.03	.03	.03
38. 7500	.03	.03	.03	.03	.02
39. 0000	.02	.02	.02	.02	.02
39. 2500	.02	.02	.02	.02	.02
39. 5000	.02	.02	.02	.02	.02
39. 7500	.02	.02	.02	.02	.02
40. 0000	.02	.02	.02	.02	.02
40. 2500	.02	.02	.02	.01	.01
40. 5000	.01	.01	.01	.01	.01
40. 7500	.01	.01	.01	.01	.01
41. 0000	.01	.01	.01	.01	.01
41. 2500	.01	.01	.01	.01	.01
41. 5000	.01	.01	.01	.01	.01
41. 7500	.01	.01	.01	.01	.01
42. 0000	.01	.01	.01	.01	.01
42. 2500	.01	.01	.01	.01	.01
42. 5000	.01	.01	.01	.01	.01
42. 7500	.01	.01	.01	.01	.01
43. 0000	.01	.01	.01	.01	.01
43. 2500	.01	.01	.01	.01	.01
43. 5000	.01	.01	.00	.00	.00
43. 7500	.00	.00	.00	.00	.00
44. 0000	.00	.00	.00	.00	.00
44. 2500	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

Page 16.129

Name... ROUTE 1

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Time hrs	Output Time increment = .0500 hrs				
	Time on left represents time for first value in each row.				
44. 5000	.00	.00	.00	.00	.00
44. 7500	.00	.00	.00	.00	.00
45. 0000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Diverted Hydrograph

Page 16.130

Name... ROUTE 10

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

DI VERTED HYDROGRAPH...  
 HYG file =  
 HYG ID = ROUTE 10  
 HYG Tag = 15

asbuilt basin 1 2 and 4.txt

-----  
 Peak Discharge = 77.37 cfs  
 Time to Peak = 12.6000 hrs  
 HYG Volume = 747909 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
8.9000	.00	.00	.00	.00	.01
9.1500	.01	.02	.02	.03	.05
9.4000	.07	.10	.15	.21	.29
9.6500	.37	.45	.54	.63	.71
9.9000	.79	.87	.95	1.03	1.11
10.1500	1.19	1.24	1.28	1.33	1.41
10.4000	1.49	1.59	1.69	1.83	1.98
10.6500	2.13	2.29	2.45	2.61	2.77
10.9000	2.94	3.13	3.37	3.63	3.89
11.1500	4.18	4.48	4.82	5.21	5.60
11.4000	5.98	6.33	6.67	7.04	7.46
11.6500	7.97	8.69	9.72	11.28	13.94
11.9000	18.17	24.85	31.48	38.75	46.66
12.1500	54.03	60.01	64.59	68.40	71.52
12.4000	73.84	75.38	76.48	77.14	77.37
12.6500	77.21	76.72	75.97	75.02	73.94
12.9000	72.69	71.21	69.77	68.39	67.07
13.1500	65.81	64.47	62.93	61.27	59.48
13.4000	57.66	55.82	54.03	52.27	50.55
13.6500	48.86	47.24	45.47	43.22	40.68
13.9000	37.98	35.27	32.81	30.32	28.08
14.1500	25.65	23.15	21.25	19.67	18.41
14.4000	17.37	16.50	15.78	15.18	14.65
14.6500	14.18	13.76	13.39	13.06	12.77
14.9000	12.51	12.27	12.06	11.86	11.67
15.1500	11.50	11.34	11.18	11.03	10.87
15.4000	10.73	10.60	10.47	10.36	10.25
15.6500	10.14	10.03	9.93	9.82	9.72
15.9000	9.61	9.50	9.40	9.29	9.18
16.1500	9.07	8.96	8.85	8.74	8.64
16.4000	8.53	8.43	8.34	8.25	8.17

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 10

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... Typell 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
16.6500	8.09	8.01	7.94	7.87	7.80
16.9000	7.74	7.68	7.63	7.57	7.52
17.1500	7.47	7.42	7.37	7.32	7.27
17.4000	7.23	7.18	7.14	7.10	7.06
17.6500	7.01	6.96	6.89	6.82	6.75
17.9000	6.69	6.63	6.58	6.53	6.48
18.1500	6.44	6.39	6.35	6.31	6.27
18.4000	6.22	6.18	6.14	6.10	6.06
18.6500	6.02	5.98	5.94	5.90	5.86

asbuilt basin 1 2 and 4.txt

18. 9000	5. 82	5. 78	5. 74	5. 70	5. 66
19. 1500	5. 62	5. 58	5. 54	5. 50	5. 47
19. 4000	5. 43	5. 39	5. 35	5. 31	5. 27
19. 6500	5. 24	5. 20	5. 16	5. 11	5. 07
19. 9000	5. 03	4. 99	4. 95	4. 91	4. 87
20. 1500	4. 83	4. 79	4. 75	4. 71	4. 67
20. 4000	4. 64	4. 60	4. 57	4. 54	4. 52
20. 6500	4. 49	4. 47	4. 46	4. 44	4. 43
20. 9000	4. 41	4. 40	4. 39	4. 38	4. 37
21. 1500	4. 36	4. 35	4. 34	4. 33	4. 32
21. 4000	4. 31	4. 30	4. 30	4. 29	4. 28
21. 6500	4. 27	4. 26	4. 26	4. 25	4. 24
21. 9000	4. 23	4. 23	4. 22	4. 21	4. 20
22. 1500	4. 20	4. 19	4. 18	4. 17	4. 16
22. 4000	4. 16	4. 15	4. 14	4. 13	4. 13
22. 6500	4. 12	4. 11	4. 10	4. 09	4. 09
22. 9000	4. 08	4. 07	4. 06	4. 05	4. 05
23. 1500	4. 04	4. 03	4. 02	4. 02	4. 01
23. 4000	4. 00	3. 99	3. 98	3. 98	3. 97
23. 6500	3. 96	3. 95	3. 94	3. 94	3. 93
23. 9000	3. 92	3. 91	3. 90	3. 89	3. 88
24. 1500	3. 85	3. 80	3. 71	3. 56	3. 36
24. 4000	3. 12	2. 88	2. 63	2. 38	2. 11
24. 6500	1. 87	1. 66	1. 49	1. 33	1. 14
24. 9000	. 80	. 59	. 44	. 36	. 30
25. 1500	. 25	. 22	. 19	. 17	. 15
25. 4000	. 13	. 12	. 11	. 09	. 09
25. 6500	. 08	. 07	. 07	. 07	. 06
25. 9000	. 06	. 06	. 05	. 05	. 05
26. 1500	. 04	. 04	. 04	. 04	. 04
26. 4000	. 03	. 03	. 03	. 03	. 03
26. 6500	. 03	. 02	. 02	. 02	. 02
26. 9000	. 02	. 02	. 02	. 02	. 02
27. 1500	. 01	. 01	. 01	. 01	. 01
27. 4000	. 01	. 01	. 01	. 01	. 01
27. 6500	. 01	. 01	. 01	. 01	. 01

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PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 10

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
27. 9000	. 01	. 01	. 01	. 01	. 01
28. 1500	. 00	. 00	. 00	. 00	. 00
28. 4000	. 00	. 00	. 00	. 00	. 00
28. 6500	. 00	. 00	. 00	. 00	. 00
28. 9000	. 00	. 00	. 00	. 00	. 00
29. 1500	. 00	. 00	. 00	. 00	. 00
29. 4000	. 00	. 00	. 00	. 00	. 00
29. 6500	. 00	. 00	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 10

Event: 25 yr

asbuilt basin 1 2 and 4.txt  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 25

DI VERTED HYDROGRAPH...

HYG file =  
 HYG ID = ROUTE 10  
 HYG Tag = 25

-----  
 Peak Di scharge = 86.46 cfs  
 Time to Peak = 12.6500 hrs  
 HYG Vol ume = 869335 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
8.4500	.00	.00	.00	.00	.01
8.7000	.01	.02	.02	.03	.04
8.9500	.06	.08	.13	.19	.26
9.2000	.35	.43	.53	.63	.72
9.4500	.80	.89	.97	1.05	1.12
9.7000	1.19	1.23	1.26	1.30	1.35
9.9500	1.41	1.48	1.56	1.65	1.74
10.2000	1.86	1.99	2.12	2.25	2.39
10.4500	2.52	2.66	2.80	2.95	3.11
10.7000	3.31	3.53	3.76	4.00	4.25
10.9500	4.51	4.80	5.13	5.48	5.83
11.2000	6.14	6.43	6.71	7.01	7.34
11.4500	7.70	8.12	8.60	9.17	9.86
11.7000	10.80	12.21	14.39	17.81	23.21
11.9500	29.69	36.42	44.42	52.56	59.53
12.2000	65.21	70.31	74.60	78.03	80.94
12.4500	83.22	84.84	85.87	86.38	86.46
12.7000	86.14	85.43	84.39	83.10	81.66
12.9500	80.11	78.50	76.82	75.15	73.53
13.2000	71.71	69.94	68.33	66.87	65.51
13.4500	64.04	62.37	60.62	58.78	56.93
13.7000	55.11	53.33	51.59	49.88	48.22
13.9500	46.65	44.74	42.32	39.77	37.02
14.2000	34.45	32.03	29.63	27.46	24.91
14.4500	22.68	20.96	19.54	18.41	17.48
14.7000	16.71	16.06	15.55	15.10	14.69
14.9500	14.33	14.00	13.70	13.44	13.20
15.2000	12.98	12.78	12.59	12.42	12.25
15.4500	12.09	11.94	11.80	11.65	11.52
15.7000	11.38	11.23	11.09	10.95	10.81
15.9500	10.67	10.54	10.42	10.30	10.19

S/N:  
 PondPack Ver: Compute Time: Date:

Type... Di verted Hydrograph Page 16.134  
 Name... ROUTE 10 Event: 25 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
16.2000	10.07	9.96	9.85	9.74	9.63

asbuilt basin 1 2 and 4.txt

16. 4500	9.52	9.42	9.32	9.22	9.13
16. 7000	9.04	8.96	8.88	8.80	8.73
16. 9500	8.66	8.59	8.53	8.47	8.41
17. 2000	8.35	8.30	8.25	8.20	8.15
17. 4500	8.10	8.05	8.00	7.96	7.91
17. 7000	7.87	7.82	7.78	7.73	7.69
17. 9500	7.64	7.60	7.55	7.51	7.46
18. 2000	7.42	7.37	7.33	7.28	7.24
18. 4500	7.19	7.14	7.10	7.05	7.00
18. 7000	6.94	6.86	6.78	6.71	6.64
18. 9500	6.58	6.52	6.47	6.41	6.36
19. 2000	6.31	6.26	6.21	6.16	6.11
19. 4500	6.07	6.02	5.97	5.93	5.88
19. 7000	5.83	5.79	5.74	5.69	5.65
19. 9500	5.60	5.56	5.52	5.47	5.43
20. 2000	5.39	5.35	5.30	5.26	5.23
20. 4500	5.19	5.16	5.13	5.10	5.07
20. 7000	5.05	5.03	5.01	4.99	4.98
20. 9500	4.96	4.95	4.94	4.93	4.91
21. 2000	4.90	4.89	4.88	4.87	4.86
21. 4500	4.86	4.85	4.84	4.83	4.82
21. 7000	4.81	4.80	4.79	4.78	4.77
21. 9500	4.77	4.76	4.75	4.74	4.73
22. 2000	4.72	4.71	4.71	4.70	4.69
22. 4500	4.68	4.67	4.66	4.65	4.64
22. 7000	4.64	4.63	4.62	4.61	4.60
22. 9500	4.59	4.58	4.57	4.56	4.55
23. 2000	4.54	4.53	4.53	4.52	4.51
23. 4500	4.50	4.49	4.48	4.47	4.46
23. 7000	4.45	4.44	4.44	4.43	4.42
23. 9500	4.41	4.40	4.39	4.37	4.32
24. 2000	4.25	4.13	3.96	3.74	3.47
24. 4500	3.17	2.88	2.61	2.34	2.07
24. 7000	1.81	1.61	1.44	1.28	1.01
24. 9500	.72	.52	.41	.33	.28
25. 2000	.24	.21	.18	.16	.14
25. 4500	.13	.11	.10	.09	.08
25. 7000	.08	.07	.07	.06	.06
25. 9500	.06	.05	.05	.05	.05
26. 2000	.04	.04	.04	.04	.03
26. 4500	.03	.03	.03	.03	.03
26. 7000	.02	.02	.02	.02	.02
26. 9500	.02	.02	.02	.02	.01
27. 2000	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 10

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

27. 4500	.01	.01	.01	.01	.01
27. 7000	.01	.01	.01	.01	.01
27. 9500	.01	.01	.01	.01	.00
28. 2000	.00	.00	.00	.00	.00
28. 4500	.00	.00	.00	.00	.00
28. 7000	.00	.00	.00	.00	.00



Type... Diverted Hydrograph  
 Name... ROUTE 10  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
15.1000	21.05	19.98	19.11	18.40	17.80
15.3500	17.27	16.82	16.44	16.10	15.82
15.6000	15.56	15.32	15.09	14.86	14.64
15.8500	14.43	14.22	14.02	13.83	13.64
16.1000	13.45	13.27	13.10	12.93	12.77
16.3500	12.61	12.46	12.31	12.17	12.04
16.6000	11.92	11.80	11.69	11.58	11.49
16.8500	11.39	11.29	11.19	11.11	11.02
17.1000	10.93	10.86	10.78	10.71	10.63
17.3500	10.57	10.50	10.44	10.38	10.33
17.6000	10.27	10.22	10.17	10.11	10.06
17.8500	10.00	9.95	9.89	9.83	9.78
18.1000	9.72	9.66	9.60	9.55	9.49
18.3500	9.43	9.37	9.31	9.25	9.19
18.6000	9.13	9.07	9.01	8.95	8.89
18.8500	8.83	8.77	8.71	8.65	8.59
19.1000	8.53	8.47	8.41	8.35	8.29
19.3500	8.23	8.18	8.12	8.06	8.00
19.6000	7.94	7.88	7.83	7.77	7.71
19.8500	7.65	7.59	7.53	7.47	7.41
20.1000	7.35	7.29	7.23	7.17	7.11
20.3500	7.06	6.99	6.90	6.81	6.74
20.6000	6.67	6.62	6.57	6.53	6.50
20.8500	6.47	6.45	6.42	6.40	6.39
21.1000	6.37	6.35	6.34	6.33	6.31
21.3500	6.30	6.29	6.28	6.26	6.25
21.6000	6.24	6.23	6.22	6.20	6.19
21.8500	6.18	6.17	6.16	6.15	6.13
22.1000	6.12	6.11	6.10	6.09	6.08
22.3500	6.06	6.05	6.04	6.03	6.02
22.6000	6.01	5.99	5.98	5.97	5.96
22.8500	5.95	5.94	5.92	5.91	5.90
23.1000	5.89	5.88	5.86	5.85	5.84
23.3500	5.83	5.82	5.81	5.79	5.78
23.6000	5.77	5.76	5.75	5.73	5.72
23.8500	5.71	5.70	5.69	5.68	5.66
24.1000	5.63	5.58	5.48	5.33	5.08
24.3500	4.75	4.40	3.99	3.59	3.18
24.6000	2.85	2.55	2.24	1.95	1.69
24.8500	1.51	1.34	1.13	.78	.57
25.1000	.43	.35	.29	.24	.21
25.3500	.18	.16	.14	.13	.11
25.6000	.10	.09	.08	.08	.07
25.8500	.07	.06	.06	.06	.05
26.1000	.05	.05	.05	.04	.04

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Diverted Hydrograph  
 Name... ROUTE 10  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 100

asbuilt basin 1 2 and 4.txt  
 HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs

Time hrs	Time on left represents time for first value in each row.				
26.3500	.04	.04	.03	.03	.03
26.6000	.03	.03	.03	.02	.02
26.8500	.02	.02	.02	.02	.02
27.1000	.02	.02	.01	.01	.01
27.3500	.01	.01	.01	.01	.01
27.6000	.01	.01	.01	.01	.01
27.8500	.01	.01	.01	.01	.01
28.1000	.01	.01	.00	.00	.00
28.3500	.00	.00	.00	.00	.00
28.6000	.00	.00	.00	.00	.00
28.8500	.00	.00	.00	.00	.00
29.1000	.00	.00	.00	.00	.00
29.3500	.00	.00	.00	.00	.00
29.6000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

Name... ROUTE 2

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

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Event: 15 yr

DI VERTED HYDROGRAPH...

HYG file =

HYG ID = ROUTE 2

HYG Tag = 15

Peak Discharge = 36.22 cfs

Time to Peak = 12.3500 hrs

HYG Volume = 273261 cu. ft

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs

Time hrs	Time on left represents time for first value in each row.				
6.6500	.00	.00	.00	.01	.01
6.9000	.02	.02	.03	.04	.05
7.1500	.06	.07	.08	.09	.10
7.4000	.11	.12	.13	.14	.16
7.6500	.17	.18	.19	.20	.21
7.9000	.23	.24	.25	.26	.27
8.1500	.29	.30	.31	.33	.35
8.4000	.36	.38	.40	.42	.45
8.6500	.47	.49	.52	.54	.57
8.9000	.59	.62	.65	.68	.70
9.1500	.73	.76	.79	.81	.84
9.4000	.86	.88	.90	.93	.95
9.6500	.97	.99	1.02	1.05	1.08
9.9000	1.12	1.16	1.21	1.25	1.30
10.1500	1.35	1.41	1.47	1.53	1.59
10.4000	1.66	1.73	1.81	1.89	1.97
10.6500	2.06	2.15	2.25	2.35	2.47
10.9000	2.59	2.72	2.85	3.00	3.15
11.1500	3.31	3.50	3.70	3.94	4.20
11.4000	4.49	4.80	5.13	5.55	6.16
11.6500	7.21	8.99	11.87	14.82	17.06



asbuilt basin 1 2 and 4.txt

11. 9000	19. 51	22. 00	24. 77	27. 66	30. 32
12. 1500	32. 54	34. 20	35. 32	35. 96	36. 22
12. 4000	36. 19	35. 95	35. 54	34. 99	34. 33
12. 6500	33. 57	32. 71	31. 78	30. 76	29. 67
12. 9000	28. 52	27. 31	26. 04	24. 71	23. 33
13. 1500	21. 90	20. 36	18. 42	15. 75	9. 31
13. 4000	6. 32	6. 15	5. 98	5. 82	5. 66
13. 6500	5. 51	5. 37	5. 24	5. 11	4. 98
13. 9000	4. 87	4. 75	4. 64	4. 53	4. 43
14. 1500	4. 33	4. 24	4. 15	4. 08	4. 01

S/N:

PondPack Ver:

Compute Time:

Date:

±

Type... Diverted Hydrograph

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Name... ROUTE 2

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
14. 4000	3. 95	3. 90	3. 85	3. 81	3. 77
14. 6500	3. 73	3. 69	3. 65	3. 61	3. 57
14. 9000	3. 54	3. 50	3. 46	3. 43	3. 39
15. 1500	3. 36	3. 32	3. 28	3. 25	3. 21
15. 4000	3. 17	3. 14	3. 10	3. 06	3. 03
15. 6500	2. 99	2. 95	2. 92	2. 88	2. 84
15. 9000	2. 81	2. 77	2. 73	2. 70	2. 66
16. 1500	2. 63	2. 59	2. 56	2. 54	2. 51
16. 4000	2. 49	2. 47	2. 46	2. 44	2. 43
16. 6500	2. 41	2. 40	2. 38	2. 37	2. 36
16. 9000	2. 34	2. 33	2. 32	2. 30	2. 29
17. 1500	2. 28	2. 27	2. 25	2. 24	2. 23
17. 4000	2. 21	2. 20	2. 19	2. 17	2. 16
17. 6500	2. 15	2. 13	2. 12	2. 11	2. 09
17. 9000	2. 08	2. 07	2. 05	2. 04	2. 03
18. 1500	2. 02	2. 00	1. 99	1. 98	1. 96
18. 4000	1. 95	1. 94	1. 92	1. 91	1. 90
18. 6500	1. 88	1. 87	1. 86	1. 84	1. 83
18. 9000	1. 82	1. 80	1. 79	1. 78	1. 76
19. 1500	1. 75	1. 74	1. 72	1. 71	1. 69
19. 4000	1. 68	1. 67	1. 65	1. 64	1. 63
19. 6500	1. 61	1. 60	1. 59	1. 57	1. 56
19. 9000	1. 55	1. 53	1. 52	1. 51	1. 49
20. 1500	1. 48	1. 47	1. 46	1. 45	1. 44
20. 4000	1. 44	1. 43	1. 43	1. 42	1. 42
20. 6500	1. 42	1. 41	1. 41	1. 41	1. 40
20. 9000	1. 40	1. 40	1. 40	1. 39	1. 39
21. 1500	1. 39	1. 39	1. 38	1. 38	1. 38
21. 4000	1. 38	1. 37	1. 37	1. 37	1. 37
21. 6500	1. 36	1. 36	1. 36	1. 35	1. 35
21. 9000	1. 35	1. 35	1. 34	1. 34	1. 34
22. 1500	1. 34	1. 33	1. 33	1. 33	1. 33
22. 4000	1. 32	1. 32	1. 32	1. 32	1. 31
22. 6500	1. 31	1. 31	1. 31	1. 30	1. 30
22. 9000	1. 30	1. 29	1. 29	1. 29	1. 29
23. 1500	1. 28	1. 28	1. 28	1. 28	1. 27
23. 4000	1. 27	1. 27	1. 27	1. 26	1. 26
23. 6500	1. 26	1. 26	1. 25	1. 25	1. 25
23. 9000	1. 24	1. 24	1. 24	1. 22	1. 18
24. 1500	1. 09	. 95	. 78	. 61	. 45

	asbuilt basin 1 2 and 4.txt				
24. 4000	.33	.24	.17	.12	.09
24. 6500	.06	.05	.03	.02	.02
24. 9000	.01	.01	.01	.00	.00
25. 1500	.00				

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Diverted Hydrograph

Name... ROUTE 2

File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 25

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Event: 25 yr

DI VERTED HYDROGRAPH...

HYG file =  
 HYG ID = ROUTE 2  
 HYG Tag = 25

-----  
 Peak Di scharge = 38.64 cfs  
 Time to Peak = 12.4000 hrs  
 HYG Vol ume = 312030 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
6. 2500	.00	.00	.00	.01	.01
6. 5000	.02	.03	.04	.05	.06
6. 7500	.07	.08	.09	.10	.12
7. 0000	.13	.14	.15	.16	.18
7. 2500	.19	.20	.22	.23	.24
7. 5000	.25	.27	.28	.29	.31
7. 7500	.32	.34	.35	.36	.38
8. 0000	.39	.40	.42	.43	.45
8. 2500	.47	.49	.51	.53	.55
8. 5000	.58	.60	.63	.66	.68
8. 7500	.71	.74	.78	.81	.84
9. 0000	.87	.91	.94	.98	1.01
9. 2500	1.04	1.07	1.10	1.13	1.15
9. 5000	1.18	1.20	1.22	1.25	1.27
9. 7500	1.31	1.34	1.38	1.43	1.48
10. 0000	1.53	1.58	1.64	1.70	1.77
10. 2500	1.83	1.91	1.98	2.07	2.15
10. 5000	2.24	2.33	2.43	2.53	2.64
10. 7500	2.76	2.88	3.02	3.16	3.31
11. 0000	3.47	3.63	3.81	4.00	4.22
11. 2500	4.46	4.73	5.03	5.37	5.73
11. 5000	6.12	6.61	7.31	8.54	10.62
11. 7500	13.39	16.01	18.25	20.72	23.34
12. 0000	26.37	29.46	32.26	34.58	36.33
12. 2500	37.53	38.25	38.59	38.64	38.47
12. 5000	38.15	37.69	37.13	36.46	35.72
12. 7500	34.89	33.99	33.03	32.01	30.93
13. 0000	29.79	28.60	27.35	26.06	24.71
13. 2500	23.32	21.88	20.35	18.42	15.81
13. 5000	9.62	6.52	6.34	6.18	6.02
13. 7500	5.86	5.72	5.58	5.45	5.32

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Diverted Hydrograph  
 Name... ROUTE 2  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
14.0000	5.20	5.08	4.96	4.85	4.74
14.2500	4.65	4.56	4.49	4.42	4.36
14.5000	4.31	4.26	4.21	4.17	4.12
14.7500	4.08	4.04	4.00	3.96	3.91
15.0000	3.87	3.83	3.79	3.75	3.71
15.2500	3.67	3.63	3.59	3.55	3.51
15.5000	3.47	3.42	3.38	3.34	3.30
15.7500	3.26	3.22	3.18	3.14	3.09
16.0000	3.05	3.01	2.97	2.93	2.90
16.2500	2.86	2.83	2.81	2.78	2.76
16.5000	2.74	2.73	2.71	2.69	2.68
16.7500	2.66	2.65	2.63	2.62	2.60
17.0000	2.59	2.57	2.56	2.54	2.53
17.2500	2.51	2.50	2.48	2.47	2.45
17.5000	2.44	2.43	2.41	2.40	2.38
17.7500	2.37	2.35	2.34	2.32	2.31
18.0000	2.29	2.28	2.26	2.25	2.23
18.2500	2.22	2.20	2.19	2.17	2.16
18.5000	2.14	2.13	2.11	2.10	2.08
18.7500	2.07	2.05	2.04	2.02	2.01
19.0000	1.99	1.98	1.96	1.95	1.93
19.2500	1.92	1.90	1.89	1.87	1.86
19.5000	1.84	1.83	1.81	1.80	1.78
19.7500	1.77	1.75	1.74	1.72	1.71
20.0000	1.69	1.68	1.66	1.65	1.64
20.2500	1.63	1.62	1.61	1.60	1.60
20.5000	1.59	1.59	1.58	1.58	1.57
20.7500	1.57	1.57	1.57	1.56	1.56
21.0000	1.56	1.55	1.55	1.55	1.54
21.2500	1.54	1.54	1.54	1.53	1.53
21.5000	1.53	1.52	1.52	1.52	1.52
21.7500	1.51	1.51	1.51	1.50	1.50
22.0000	1.50	1.49	1.49	1.49	1.49
22.2500	1.48	1.48	1.48	1.47	1.47
22.5000	1.47	1.47	1.46	1.46	1.46
22.7500	1.45	1.45	1.45	1.44	1.44
23.0000	1.44	1.44	1.43	1.43	1.43
23.2500	1.42	1.42	1.42	1.42	1.41
23.5000	1.41	1.41	1.40	1.40	1.40
23.7500	1.39	1.39	1.39	1.39	1.38
24.0000	1.38	1.36	1.32	1.22	1.06
24.2500	.87	.68	.50	.37	.26
24.5000	.19	.14	.10	.07	.05
24.7500	.04	.03	.02	.01	.01
25.0000	.01	.00	.00	.00	

S/N:  
 PondPack Ver: Compute Time: Date:

♀

Type... Diverted Hydrograph  
 Name... ROUTE 2  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 100

asbuilt basin 1 2 and 4.txt

DIVERTED HYDROGRAPH...

HYG file =  
 HYG ID = ROUTE 2  
 HYG Tag = 100

-----  
 Peak Discharge = 74.18 cfs  
 Time to Peak = 12.3000 hrs  
 HYG Volume = 415166 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
5.3500	.00	.00	.00	.01	.01
5.6000	.02	.03	.04	.05	.07
5.8500	.08	.09	.11	.12	.14
6.1000	.15	.17	.18	.20	.21
6.3500	.23	.24	.26	.28	.29
6.6000	.31	.33	.34	.36	.38
6.8500	.39	.41	.43	.44	.46
7.1000	.48	.50	.51	.53	.55
7.3500	.57	.59	.60	.62	.64
7.6000	.66	.68	.70	.72	.74
7.8500	.75	.77	.79	.81	.83
8.1000	.85	.87	.90	.92	.95
8.3500	.98	1.01	1.05	1.09	1.12
8.6000	1.16	1.21	1.25	1.29	1.34
8.8500	1.38	1.43	1.48	1.53	1.58
9.1000	1.63	1.68	1.73	1.77	1.81
9.3500	1.85	1.89	1.92	1.95	1.98
9.6000	2.01	2.04	2.08	2.12	2.17
9.8500	2.23	2.29	2.36	2.43	2.51
10.1000	2.59	2.68	2.77	2.87	2.97
10.3500	3.08	3.20	3.32	3.44	3.57
10.6000	3.71	3.85	4.00	4.17	4.34
10.8500	4.53	4.73	4.94	5.16	5.39
11.1000	5.63	5.90	6.19	6.53	6.90
11.3500	7.32	7.79	8.28	8.82	9.48
11.6000	10.45	12.14	14.08	16.31	18.47
11.8500	20.85	23.47	26.67	30.17	33.59
12.1000	36.65	39.16	43.15	68.64	74.18
12.3500	67.29	58.22	50.31	44.30	40.84
12.6000	40.46	39.99	39.43	38.79	38.09
12.8500	37.33	36.52	35.66	34.75	33.79

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Diverted Hydrograph

Name... ROUTE 2

File... \\2serverprs\PondPack\Elmer-jobs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 100

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Event: 100 yr

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs					
13.1000	32.79	31.73	30.64	29.50	28.32
13.3500	27.10	25.84	24.54	23.21	21.85
13.6000	20.41	18.64	16.33	11.75	7.30
13.8500	7.13	6.96	6.79	6.63	6.48

asbuilt basin 1 2 and 4.txt

14. 1000	6.33	6.18	6.05	5.93	5.82
14. 3500	5.72	5.64	5.56	5.49	5.43
14. 6000	5.37	5.31	5.25	5.20	5.14
14. 8500	5.09	5.04	4.99	4.93	4.88
15. 1000	4.83	4.78	4.72	4.67	4.62
15. 3500	4.57	4.51	4.46	4.41	4.36
15. 6000	4.30	4.25	4.20	4.15	4.09
15. 8500	4.04	3.99	3.93	3.88	3.83
16. 1000	3.78	3.73	3.68	3.64	3.60
16. 3500	3.57	3.54	3.51	3.49	3.46
16. 6000	3.44	3.42	3.40	3.38	3.36
16. 8500	3.34	3.32	3.30	3.28	3.27
17. 1000	3.25	3.23	3.21	3.19	3.17
17. 3500	3.15	3.13	3.12	3.10	3.08
17. 6000	3.06	3.04	3.02	3.00	2.98
17. 8500	2.96	2.95	2.93	2.91	2.89
18. 1000	2.87	2.85	2.83	2.81	2.79
18. 3500	2.78	2.76	2.74	2.72	2.70
18. 6000	2.68	2.66	2.64	2.62	2.60
18. 8500	2.59	2.57	2.55	2.53	2.51
19. 1000	2.49	2.47	2.45	2.43	2.41
19. 3500	2.39	2.38	2.36	2.34	2.32
19. 6000	2.30	2.28	2.26	2.24	2.22
19. 8500	2.20	2.18	2.16	2.15	2.13
20. 1000	2.11	2.09	2.07	2.06	2.05
20. 3500	2.04	2.03	2.02	2.01	2.01
20. 6000	2.00	2.00	1.99	1.99	1.98
20. 8500	1.98	1.98	1.97	1.97	1.97
21. 1000	1.96	1.96	1.95	1.95	1.95
21. 3500	1.94	1.94	1.94	1.93	1.93
21. 6000	1.92	1.92	1.92	1.91	1.91
21. 8500	1.91	1.90	1.90	1.89	1.89
22. 1000	1.89	1.88	1.88	1.88	1.87
22. 3500	1.87	1.86	1.86	1.86	1.85
22. 6000	1.85	1.85	1.84	1.84	1.83
22. 8500	1.83	1.83	1.82	1.82	1.82
23. 1000	1.81	1.81	1.80	1.80	1.80
23. 3500	1.79	1.79	1.79	1.78	1.78
23. 6000	1.77	1.77	1.77	1.76	1.76
23. 8500	1.76	1.75	1.75	1.74	1.72
24. 1000	1.67	1.54	1.34	1.10	.86

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 2

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
24. 3500	.64	.46	.33	.24	.17
24. 6000	.13	.09	.07	.05	.03
24. 8500	.02	.02	.01	.01	.01
25. 1000	.00	.00			

S/N:

PondPack Ver:

Compute Time:

Date:

♀

Type... Diverted Hydrograph

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Name... ROUTE 20 Event: 15 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 15

DIVERTED HYDROGRAPH...

HYG file =  
 HYG ID = ROUTE 20  
 HYG Tag = 15

-----  
 Peak Discharge = 9.45 cfs  
 Time to Peak = 12.4500 hrs  
 HYG Volume = 90257 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
9.0000	.00	.00	.00	.01	.01
9.2500	.02	.02	.03	.03	.04
9.5000	.05	.05	.06	.07	.08
9.7500	.08	.09	.10	.11	.12
10.0000	.13	.14	.15	.17	.18
10.2500	.19	.21	.22	.24	.26
10.5000	.28	.30	.32	.34	.36
10.7500	.39	.42	.45	.48	.51
11.0000	.55	.59	.63	.67	.72
11.2500	.78	.84	.91	.99	1.08
11.5000	1.17	1.29	1.45	1.71	2.18
11.7500	2.72	3.21	4.00	4.76	5.54
12.0000	6.34	7.08	7.72	8.26	8.68
12.2500	8.99	9.20	9.34	9.42	9.45
12.5000	9.44	9.42	9.37	9.30	9.22
12.7500	9.12	9.01	8.90	8.77	8.63
13.0000	8.48	8.32	8.15	7.98	7.79
13.2500	7.59	7.38	7.15	6.91	6.66
13.5000	6.39	6.09	5.77	5.43	5.05
13.7500	4.67	4.22	3.63	3.06	2.55
14.0000	1.77	1.69	1.65	1.61	1.58
14.2500	1.55	1.52	1.49	1.47	1.45
14.5000	1.43	1.42	1.40	1.39	1.37
14.7500	1.36	1.35	1.33	1.32	1.31
15.0000	1.29	1.28	1.27	1.25	1.24
15.2500	1.23	1.21	1.20	1.19	1.18
15.5000	1.16	1.15	1.14	1.12	1.11
15.7500	1.10	1.08	1.07	1.05	1.04
16.0000	1.03	1.01	1.00	.99	.98
16.2500	.96	.95	.95	.94	.93
16.5000	.92	.92	.91	.91	.90

S/N:  
 PondPack Ver: Compute Time: Date:

Type... Diverted Hydrograph Page 16.147  
 Name... ROUTE 20 Event: 15 yr  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
----------	----------------------------	--	--	--	--

asbuilt basin 1 2 and 4.txt

16.7500	.90	.89	.89	.88	.88
17.0000	.87	.87	.86	.86	.85
17.2500	.85	.84	.84	.83	.83
17.5000	.83	.82	.82	.81	.81
17.7500	.80	.80	.79	.79	.78
18.0000	.78	.77	.77	.76	.76
18.2500	.75	.75	.74	.74	.73
18.5000	.73	.72	.72	.71	.71
18.7500	.70	.70	.69	.69	.68
19.0000	.68	.67	.67	.66	.66
19.2500	.65	.65	.64	.64	.63
19.5000	.63	.62	.62	.61	.61
19.7500	.60	.60	.59	.59	.58
20.0000	.58	.57	.57	.56	.56
20.2500	.56	.55	.55	.55	.54
20.5000	.54	.54	.54	.54	.54
20.7500	.54	.54	.53	.53	.53
21.0000	.53	.53	.53	.53	.53
21.2500	.53	.53	.52	.52	.52
21.5000	.52	.52	.52	.52	.52
21.7500	.52	.52	.52	.51	.51
22.0000	.51	.51	.51	.51	.51
22.2500	.51	.51	.51	.50	.50
22.5000	.50	.50	.50	.50	.50
22.7500	.50	.50	.50	.50	.49
23.0000	.49	.49	.49	.49	.49
23.2500	.49	.49	.49	.49	.48
23.5000	.48	.48	.48	.48	.48
23.7500	.48	.48	.48	.48	.48
24.0000	.47	.47	.45	.42	.38
24.2500	.32	.25	.19	.14	.10
24.5000	.08	.06	.04	.03	.02
24.7500	.02	.01	.01	.01	.00
25.0000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

Type... Diverted Hydrograph

Name... ROUTE 20

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 25

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Event: 25 yr

DI VERTED HYDROGRAPH...

HYG file =  
 HYG ID = ROUTE 20  
 HYG Tag = 25

-----  
 Peak Discharge = 10.03 cfs  
 Time to Peak = 12.5000 hrs  
 HYG Volume = 105179 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

8.5500	.00	.00	.00	.01	.01
8.8000	.01	.02	.02	.03	.04
9.0500	.05	.05	.06	.07	.08
9.3000	.09	.10	.10	.11	.12
9.5500	.13	.14	.15	.16	.17

asbuilt basin 1 2 and 4.txt

9. 8000	. 18	. 19	. 20	. 21	. 22
10. 0500	. 24	. 25	. 27	. 29	. 30
10. 3000	. 32	. 34	. 36	. 39	. 41
10. 5500	. 43	. 46	. 49	. 52	. 55
10. 8000	. 58	. 62	. 66	. 70	. 74
11. 0500	. 79	. 84	. 90	. 96	1. 03
11. 3000	1. 10	1. 19	1. 28	1. 39	1. 50
11. 5500	1. 64	1. 84	2. 16	2. 62	3. 02
11. 8000	3. 68	4. 46	5. 19	6. 01	6. 82
12. 0500	7. 56	8. 22	8. 77	9. 20	9. 52
12. 3000	9. 74	9. 89	9. 97	10. 02	10. 03
12. 5500	10. 02	9. 99	9. 94	9. 88	9. 81
12. 8000	9. 72	9. 63	9. 52	9. 41	9. 29
13. 0500	9. 17	9. 03	8. 89	8. 75	8. 59
13. 3000	8. 43	8. 26	8. 08	7. 89	7. 69
13. 5500	7. 48	7. 26	7. 03	6. 78	6. 51
13. 8000	6. 23	5. 91	5. 58	5. 22	4. 84
14. 0500	4. 43	3. 91	3. 29	2. 80	2. 08
14. 3000	1. 73	1. 70	1. 67	1. 65	1. 63
14. 5500	1. 61	1. 59	1. 58	1. 56	1. 55
14. 8000	1. 53	1. 51	1. 50	1. 48	1. 47
15. 0500	1. 45	1. 44	1. 42	1. 41	1. 39
15. 3000	1. 38	1. 36	1. 35	1. 33	1. 32
15. 5500	1. 30	1. 29	1. 27	1. 26	1. 24
15. 8000	1. 23	1. 21	1. 20	1. 18	1. 17
16. 0500	1. 15	1. 13	1. 12	1. 11	1. 09

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 20

Event: 25 yr

File... \\2serverpr\ PondPack\Elmer-j obs\Di erberg Tract\

Storm... Typell 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

16. 3000	1. 08	1. 07	1. 06	1. 05	1. 05
16. 5500	1. 04	1. 03	1. 03	1. 02	1. 02
16. 8000	1. 01	1. 01	1. 00	. 99	. 99
17. 0500	. 98	. 98	. 97	. 97	. 96
17. 3000	. 96	. 95	. 95	. 94	. 93
17. 5500	. 93	. 92	. 92	. 91	. 91
17. 8000	. 90	. 90	. 89	. 88	. 88
18. 0500	. 87	. 87	. 86	. 86	. 85
18. 3000	. 85	. 84	. 83	. 83	. 82
18. 5500	. 82	. 81	. 81	. 80	. 80
18. 8000	. 79	. 78	. 78	. 77	. 77
19. 0500	. 76	. 76	. 75	. 74	. 74
19. 3000	. 73	. 73	. 72	. 72	. 71
19. 5500	. 71	. 70	. 69	. 69	. 68
19. 8000	. 68	. 67	. 66	. 66	. 65
20. 0500	. 65	. 64	. 64	. 63	. 63
20. 3000	. 62	. 62	. 62	. 62	. 61
20. 5500	. 61	. 61	. 61	. 61	. 61
20. 8000	. 60	. 60	. 60	. 60	. 60
21. 0500	. 60	. 60	. 60	. 60	. 59
21. 3000	. 59	. 59	. 59	. 59	. 59
21. 5500	. 59	. 59	. 59	. 59	. 58
21. 8000	. 58	. 58	. 58	. 58	. 58
22. 0500	. 58	. 58	. 58	. 57	. 57



asbuilt basin 1 2 and 4.txt

22. 3000	.57	.57	.57	.57	.57
22. 5500	.57	.57	.56	.56	.56
22. 8000	.56	.56	.56	.56	.56
23. 0500	.56	.55	.55	.55	.55
23. 3000	.55	.55	.55	.55	.55
23. 5500	.54	.54	.54	.54	.54
23. 8000	.54	.54	.54	.54	.53
24. 0500	.53	.51	.48	.42	.36
24. 3000	.28	.22	.16	.12	.09
24. 5500	.06	.05	.03	.03	.02
24. 8000	.01	.01	.01	.01	.00
25. 0500	.00	.00	.00		

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

Page 16.150

Name... ROUTE 20

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

DI VERTED HYDROGRAPH...

HYG file =  
 HYG ID = ROUTE 20  
 HYG Tag = 100

-----  
 Peak Discharge = 11.52 cfs  
 Time to Peak = 12.5500 hrs  
 HYG Volume = 145662 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
7. 5000	.00	.00	.00	.01	.01
7. 7500	.01	.02	.02	.03	.03
8. 0000	.04	.05	.05	.06	.07
8. 2500	.07	.08	.09	.09	.10
8. 5000	.11	.12	.13	.14	.15
8. 7500	.16	.17	.19	.20	.21
9. 0000	.22	.24	.25	.26	.28
9. 2500	.29	.31	.32	.33	.34
9. 5000	.35	.37	.38	.39	.40
9. 7500	.41	.43	.45	.47	.49
10. 0000	.51	.53	.55	.58	.60
10. 2500	.63	.66	.69	.73	.76
10. 5000	.80	.84	.88	.92	.97
10. 7500	1.01	1.07	1.12	1.18	1.25
11. 0000	1.31	1.39	1.46	1.54	1.64
11. 2500	1.74	1.85	1.98	2.13	2.28
11. 5000	2.45	2.58	2.75	3.00	3.41
11. 7500	4.04	4.69	5.40	6.21	7.04
12. 0000	7.86	8.62	9.30	9.86	10.30
12. 2500	10.64	10.88	11.14	11.35	11.45
12. 5000	11.50	11.52	11.51	11.48	11.44
12. 7500	11.37	11.28	11.16	11.02	10.93
13. 0000	10.85	10.77	10.69	10.60	10.51
13. 2500	10.42	10.32	10.21	10.10	9.99
13. 5000	9.88	9.76	9.64	9.51	9.38
13. 7500	9.24	9.09	8.94	8.79	8.63
14. 0000	8.46	8.28	8.09	7.90	7.70

asbuilt basin 1 2 and 4.txt

14. 2500	7. 48	7. 25	7. 01	6. 76	6. 49
14. 5000	6. 20	5. 89	5. 55	5. 20	4. 83
14. 7500	4. 44	3. 95	3. 38	2. 94	2. 50
15. 0000	1. 93	1. 91	1. 89	1. 87	1. 85

S/N:

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Compute Time:

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Type... Diverted Hydrograph

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Name... ROUTE 20

Event: 100 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
15. 2500	1. 83	1. 81	1. 79	1. 77	1. 75
15. 5000	1. 73	1. 71	1. 69	1. 67	1. 65
15. 7500	1. 63	1. 61	1. 59	1. 57	1. 54
16. 0000	1. 52	1. 50	1. 48	1. 46	1. 45
16. 2500	1. 43	1. 41	1. 40	1. 39	1. 38
16. 5000	1. 37	1. 36	1. 35	1. 34	1. 34
16. 7500	1. 33	1. 32	1. 31	1. 31	1. 30
17. 0000	1. 29	1. 28	1. 28	1. 27	1. 26
17. 2500	1. 25	1. 25	1. 24	1. 23	1. 23
17. 5000	1. 22	1. 21	1. 20	1. 20	1. 19
17. 7500	1. 18	1. 18	1. 17	1. 16	1. 15
18. 0000	1. 15	1. 14	1. 13	1. 12	1. 12
18. 2500	1. 11	1. 10	1. 09	1. 09	1. 08
18. 5000	1. 07	1. 07	1. 06	1. 05	1. 04
18. 7500	1. 04	1. 03	1. 02	1. 01	1. 01
19. 0000	1. 00	. 99	. 98	. 98	. 97
19. 2500	. 96	. 95	. 95	. 94	. 93
19. 5000	. 92	. 92	. 91	. 90	. 89
19. 7500	. 89	. 88	. 87	. 86	. 86
20. 0000	. 85	. 84	. 83	. 83	. 82
20. 2500	. 82	. 81	. 81	. 80	. 80
20. 5000	. 80	. 79	. 79	. 79	. 79
20. 7500	. 79	. 79	. 78	. 78	. 78
21. 0000	. 78	. 78	. 78	. 77	. 77
21. 2500	. 77	. 77	. 77	. 77	. 77
21. 5000	. 76	. 76	. 76	. 76	. 76
21. 7500	. 76	. 76	. 76	. 75	. 75
22. 0000	. 75	. 75	. 75	. 75	. 74
22. 2500	. 74	. 74	. 74	. 74	. 74
22. 5000	. 74	. 73	. 73	. 73	. 73
22. 7500	. 73	. 73	. 73	. 72	. 72
23. 0000	. 72	. 72	. 72	. 72	. 72
23. 2500	. 71	. 71	. 71	. 71	. 71
23. 5000	. 71	. 71	. 70	. 70	. 70
23. 7500	. 70	. 70	. 70	. 70	. 69
24. 0000	. 69	. 69	. 66	. 62	. 55
24. 2500	. 46	. 37	. 28	. 21	. 15
24. 5000	. 11	. 08	. 06	. 04	. 03
24. 7500	. 02	. 02	. 01	. 01	. 01
25. 0000	. 00	. 00	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 60

Event: 15 yr

asbuilt basin 1 2 and 4.txt  
 File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 15

DIVERTED HYDROGRAPH...

HYG file =  
 HYG ID = ROUTE 60  
 HYG Tag = 15

-----  
 Peak Discharge = 7.68 cfs  
 Time to Peak = 12.7000 hrs  
 HYG Volume = 158923 cu. ft  
 -----

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
9.6000	.00	.00	.00	.00	.01
9.8500	.01	.01	.01	.02	.02
10.1000	.02	.03	.04	.04	.05
10.3500	.06	.07	.09	.10	.12
10.6000	.14	.16	.18	.21	.24
10.8500	.27	.31	.34	.38	.43
11.1000	.48	.53	.59	.65	.72
11.3500	.80	.88	.98	1.08	1.20
11.6000	1.35	1.56	1.89	2.25	2.62
11.8500	3.08	3.61	4.20	4.80	5.35
12.1000	5.81	6.18	6.45	6.65	6.78
12.3500	6.87	6.94	6.99	7.02	7.16
12.6000	7.43	7.67	7.68	7.55	7.38
12.8500	7.24	7.08	7.03	7.02	7.01
13.1000	6.99	6.98	6.96	6.95	6.93
13.3500	6.91	6.89	6.87	6.85	6.83
13.6000	6.81	6.79	6.77	6.75	6.72
13.8500	6.70	6.67	6.65	6.62	6.60
14.1000	6.57	6.54	6.51	6.48	6.45
14.3500	6.42	6.39	6.36	6.33	6.30
14.6000	6.27	6.24	6.21	6.17	6.14
14.8500	6.11	6.07	6.04	6.01	5.97
15.1000	5.94	5.90	5.86	5.83	5.79
15.3500	5.75	5.71	5.68	5.64	5.60
15.6000	5.56	5.52	5.48	5.43	5.39
15.8500	5.35	5.31	5.26	5.22	5.17
16.1000	5.13	5.08	5.03	4.98	4.94
16.3500	4.89	4.84	4.79	4.74	4.69
16.6000	4.63	4.58	4.53	4.48	4.42
16.8500	4.37	4.31	4.26	4.20	4.15
17.1000	4.09	4.03	3.98	3.92	3.86

S/N:  
 PondPack Ver: Compute Time: Date:

Type... Diverted Hydrograph Page 16.153  
 Name... ROUTE 60 Event: 15 yr  
 File... \\2serverprs\PondPack\Elmer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs	HYDROGRAPH ORDINATES (cfs)				
17.3500	3.80	3.74	3.68	3.62	3.56

asbuilt basin 1 2 and 4.txt

17. 6000	3.50	3.44	3.38	3.32	3.25
17. 8500	3.19	3.13	3.07	3.00	2.94
18. 1000	2.88	2.82	2.75	2.69	2.63
18. 3500	2.57	2.51	2.45	2.39	2.33
18. 6000	2.27	2.21	2.16	2.09	2.02
18. 8500	1.95	1.87	1.80	1.74	1.68
19. 1000	1.63	1.58	1.54	1.50	1.46
19. 3500	1.43	1.40	1.37	1.35	1.32
19. 6000	1.30	1.28	1.26	1.24	1.23
19. 8500	1.21	1.20	1.18	1.17	1.15
20. 1000	1.14	1.13	1.11	1.10	1.09
20. 3500	1.08	1.07	1.06	1.06	1.05
20. 6000	1.04	1.04	1.03	1.02	1.02
20. 8500	1.01	1.01	1.01	1.00	1.00
21. 1000	.99	.99	.99	.99	.98
21. 3500	.98	.98	.97	.97	.97
21. 6000	.97	.97	.96	.96	.96
21. 8500	.96	.95	.95	.95	.95
22. 1000	.95	.94	.94	.94	.94
22. 3500	.94	.94	.93	.93	.93
22. 6000	.93	.93	.92	.92	.92
22. 8500	.92	.92	.92	.91	.91
23. 1000	.91	.91	.91	.91	.90
23. 3500	.90	.90	.90	.90	.90
23. 6000	.89	.89	.89	.89	.89
23. 8500	.88	.88	.88	.88	.88
24. 1000	.87	.85	.83	.79	.74
24. 3500	.69	.64	.59	.54	.50
24. 6000	.46	.42	.39	.36	.33
24. 8500	.31	.28	.26	.24	.23
25. 1000	.21	.20	.19	.17	.16
25. 3500	.15	.14	.13	.13	.12
25. 6000	.11	.11	.10	.10	.09
25. 8500	.09	.08	.08	.07	.07
26. 1000	.07	.06	.06	.06	.05
26. 3500	.05	.05	.05	.04	.04
26. 6000	.04	.04	.04	.04	.04
26. 8500	.04	.04	.03	.03	.03
27. 1000	.03	.03	.03	.03	.03
27. 3500	.03	.03	.03	.02	.02
27. 6000	.02	.02	.02	.02	.02
27. 8500	.02	.02	.02	.02	.02
28. 1000	.02	.02	.02	.02	.02
28. 3500	.01	.01	.01	.01	.01

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 60

Event: 15 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 15

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

28. 6000	.01	.01	.01	.01	.01
28. 8500	.01	.01	.01	.01	.01
29. 1000	.01	.01	.01	.01	.01
29. 3500	.01	.01	.01	.01	.01
29. 6000	.01	.01	.01	.01	.01
29. 8500	.01	.01	.01	.01	.01

		asbuil t basin 1 2 and 4. txt				
30. 1000		. 01	. 00	. 00	. 00	. 00
30. 3500		. 00	. 00	. 00	. 00	. 00
30. 6000		. 00	. 00	. 00	. 00	. 00
30. 8500		. 00	. 00	. 00	. 00	. 00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Di verted Hydrograph

Page 16.155

Name... ROUTE 60

Event: 25 yr

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeI 24hr Tag: 25

DI VERTED HYDROGRAPH...

HYG file =

HYG ID = ROUTE 60

HYG Tag = 25

-----  
Peak Discharge = 18.34 cfs  
Time to Peak = 12.4000 hrs  
HYG Volume = 186254 cu. ft  
-----

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs					
9. 1500	.00	.00	.00	.00	.01
9. 4000	.01	.01	.01	.02	.02
9. 6500	.02	.03	.03	.04	.04
9. 9000	.05	.06	.08	.09	.10
10. 1500	.12	.13	.15	.17	.19
10. 4000	.21	.24	.27	.30	.33
10. 6500	.36	.39	.43	.47	.52
10. 9000	.57	.62	.67	.73	.80
11. 1500	.86	.94	1.02	1.11	1.21
11. 4000	1.31	1.44	1.57	1.72	1.91
11. 6500	2.12	2.34	2.63	3.01	3.47
11. 9000	4.01	4.60	5.20	5.75	6.22
12. 1500	6.59	6.86	7.35	13.40	17.30
12. 4000	18.34	17.74	16.50	15.08	13.66
12. 6500	12.42	11.27	10.39	9.58	8.90
12. 9000	8.42	7.98	7.57	7.30	7.11
13. 1500	7.03	7.02	7.01	6.99	6.98
13. 4000	6.97	6.95	6.93	6.92	6.90
13. 6500	6.88	6.86	6.84	6.82	6.80
13. 9000	6.78	6.76	6.73	6.71	6.69
14. 1500	6.66	6.64	6.61	6.59	6.56
14. 4000	6.53	6.51	6.48	6.45	6.42
14. 6500	6.40	6.37	6.34	6.31	6.28
14. 9000	6.25	6.22	6.19	6.16	6.13
15. 1500	6.10	6.06	6.03	6.00	5.96
15. 4000	5.93	5.90	5.86	5.83	5.79
15. 6500	5.75	5.72	5.68	5.64	5.60
15. 9000	5.57	5.53	5.49	5.45	5.40
16. 1500	5.36	5.32	5.28	5.24	5.19
16. 4000	5.15	5.10	5.06	5.01	4.97
16. 6500	4.92	4.87	4.83	4.78	4.73

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph  
 Name... ROUTE 60  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 25

HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs  
 Time on left represents time for first value in each row.

Time hrs						
16. 9000	4. 68	4. 63	4. 58	4. 53	4. 48	
17. 1500	4. 43	4. 38	4. 33	4. 28	4. 23	
17. 4000	4. 17	4. 12	4. 07	4. 01	3. 96	
17. 6500	3. 90	3. 85	3. 79	3. 74	3. 68	
17. 9000	3. 62	3. 57	3. 51	3. 45	3. 39	
18. 1500	3. 34	3. 28	3. 22	3. 16	3. 10	
18. 4000	3. 04	2. 99	2. 93	2. 87	2. 81	
18. 6500	2. 75	2. 69	2. 64	2. 58	2. 52	
18. 9000	2. 47	2. 41	2. 36	2. 30	2. 25	
19. 1500	2. 20	2. 15	2. 08	2. 02	1. 95	
19. 4000	1. 88	1. 82	1. 76	1. 71	1. 66	
19. 6500	1. 61	1. 57	1. 54	1. 50	1. 47	
19. 9000	1. 44	1. 42	1. 39	1. 37	1. 35	
20. 1500	1. 32	1. 31	1. 29	1. 27	1. 26	
20. 4000	1. 24	1. 23	1. 22	1. 21	1. 20	
20. 6500	1. 19	1. 18	1. 17	1. 17	1. 16	
20. 9000	1. 15	1. 15	1. 14	1. 14	1. 13	
21. 1500	1. 13	1. 12	1. 12	1. 12	1. 11	
21. 4000	1. 11	1. 11	1. 10	1. 10	1. 10	
21. 6500	1. 09	1. 09	1. 09	1. 09	1. 08	
21. 9000	1. 08	1. 08	1. 08	1. 08	1. 07	
22. 1500	1. 07	1. 07	1. 07	1. 06	1. 06	
22. 4000	1. 06	1. 06	1. 06	1. 05	1. 05	
22. 6500	1. 05	1. 05	1. 05	1. 04	1. 04	
22. 9000	1. 04	1. 04	1. 04	1. 03	1. 03	
23. 1500	1. 03	1. 03	1. 03	1. 02	1. 02	
23. 4000	1. 02	1. 02	1. 02	1. 01	1. 01	
23. 6500	1. 01	1. 01	1. 01	1. 00	1. 00	
23. 9000	1. 00	1. 00	1. 00	. 99	. 98	
24. 1500	. 97	. 93	. 89	. 83	. 78	
24. 4000	. 72	. 66	. 61	. 56	. 51	
24. 6500	. 47	. 43	. 40	. 37	. 34	
24. 9000	. 31	. 29	. 27	. 25	. 23	
25. 1500	. 22	. 20	. 19	. 18	. 16	
25. 4000	. 15	. 14	. 13	. 13	. 12	
25. 6500	. 11	. 11	. 10	. 10	. 09	
25. 9000	. 09	. 08	. 08	. 07	. 07	
26. 1500	. 07	. 06	. 06	. 06	. 05	
26. 4000	. 05	. 05	. 05	. 04	. 04	
26. 6500	. 04	. 04	. 04	. 04	. 04	
26. 9000	. 04	. 04	. 03	. 03	. 03	
27. 1500	. 03	. 03	. 03	. 03	. 03	
27. 4000	. 03	. 03	. 03	. 02	. 02	
27. 6500	. 02	. 02	. 02	. 02	. 02	
27. 9000	. 02	. 02	. 02	. 02	. 02	

S/N:  
 PondPack Ver: Compute Time: Date:

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Type... Diverted Hydrograph  
 Name... ROUTE 60  
 File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
 Storm... TypeII 24hr Tag: 25

asbuilt basin 1 2 and 4.txt  
 HYDROGRAPH ORDINATES (cfs)  
 Output Time increment = .0500 hrs

Time hrs	Time on left represents time for first value in each row.				
28.1500	.02	.02	.02	.02	.02
28.4000	.01	.01	.01	.01	.01
28.6500	.01	.01	.01	.01	.01
28.9000	.01	.01	.01	.01	.01
29.1500	.01	.01	.01	.01	.01
29.4000	.01	.01	.01	.01	.01
29.6500	.01	.01	.01	.01	.01
29.9000	.01	.01	.01	.01	.01
30.1500	.01	.00	.00	.00	.00
30.4000	.00	.00	.00	.00	.00
30.6500	.00	.00	.00	.00	.00
30.9000	.00	.00	.00	.00	.00

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

Name... ROUTE 60

File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

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Event: 100 yr

DI VERTED HYDROGRAPH...

HYG file =

HYG ID = ROUTE 60

HYG Tag = 100

Peak Discharge = 50.84 cfs

Time to Peak = 12.2500 hrs

HYG Volume = 260823 cu. ft

Time hrs	HYDROGRAPH ORDINATES (cfs) Output Time increment = .0500 hrs Time on left represents time for first value in each row.				
8.1500	.00	.00	.00	.00	.01
8.4000	.01	.01	.01	.02	.02
8.6500	.02	.03	.03	.04	.04
8.9000	.05	.06	.07	.09	.10
9.1500	.11	.13	.14	.16	.18
9.4000	.20	.22	.24	.26	.28
9.6500	.30	.33	.35	.37	.40
9.9000	.42	.45	.48	.51	.54
10.1500	.58	.61	.65	.69	.73
10.4000	.77	.82	.87	.92	.98
10.6500	1.03	1.09	1.16	1.23	1.30
10.9000	1.38	1.46	1.55	1.65	1.75
11.1500	1.85	1.97	2.06	2.16	2.25
11.4000	2.34	2.44	2.54	2.66	2.79
11.6500	2.96	3.19	3.50	3.89	4.36
11.9000	4.90	5.49	6.08	6.63	8.58
12.1500	33.93	49.08	50.84	46.12	39.66
12.4000	33.65	28.69	24.69	21.48	18.87
12.6500	16.72	14.99	13.56	12.41	11.42
12.9000	10.68	10.04	9.48	9.00	8.67
13.1500	8.35	8.06	7.77	7.51	7.34
13.4000	7.21	7.08	7.03	7.02	7.01
13.6500	7.00	6.99	6.98	6.97	6.96

asbuilt basin 1 2 and 4.txt

13. 9000	6. 94	6. 93	6. 91	6. 90	6. 88
14. 1500	6. 87	6. 85	6. 83	6. 81	6. 79
14. 4000	6. 77	6. 75	6. 73	6. 71	6. 69
14. 6500	6. 67	6. 65	6. 63	6. 61	6. 59
14. 9000	6. 56	6. 54	6. 52	6. 50	6. 47
15. 1500	6. 45	6. 43	6. 40	6. 38	6. 35
15. 4000	6. 33	6. 30	6. 27	6. 25	6. 22
15. 6500	6. 19	6. 16	6. 14	6. 11	6. 08

S/N:

PondPack Ver:

Compute Time:

Date:

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Type... Diverted Hydrograph

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Name... ROUTE 60

Event: 100 yr

File... \\2serverprsr\PondPack\EI mer-j obs\Di erberg Tract\

Storm... TypeII 24hr Tag: 100

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .0500 hrs

Time on left represents time for first value in each row.

Time hrs	Time on left represents time for first value in each row.				
15. 9000	6. 05	6. 02	5. 99	5. 96	5. 93
16. 1500	5. 89	5. 86	5. 83	5. 80	5. 76
16. 4000	5. 73	5. 69	5. 66	5. 62	5. 59
16. 6500	5. 55	5. 52	5. 48	5. 45	5. 41
16. 9000	5. 37	5. 34	5. 30	5. 26	5. 22
17. 1500	5. 18	5. 15	5. 11	5. 07	5. 03
17. 4000	4. 99	4. 95	4. 91	4. 86	4. 82
17. 6500	4. 78	4. 74	4. 70	4. 65	4. 61
17. 9000	4. 57	4. 52	4. 48	4. 43	4. 39
18. 1500	4. 34	4. 30	4. 25	4. 20	4. 16
18. 4000	4. 11	4. 06	4. 02	3. 97	3. 92
18. 6500	3. 87	3. 82	3. 77	3. 72	3. 67
18. 9000	3. 62	3. 57	3. 52	3. 47	3. 42
19. 1500	3. 37	3. 32	3. 27	3. 21	3. 16
19. 4000	3. 11	3. 06	3. 01	2. 96	2. 90
19. 6500	2. 85	2. 80	2. 75	2. 70	2. 65
19. 9000	2. 60	2. 55	2. 50	2. 45	2. 40
20. 1500	2. 35	2. 31	2. 26	2. 21	2. 17
20. 4000	2. 12	2. 06	2. 01	1. 97	1. 91
20. 6500	1. 86	1. 81	1. 77	1. 74	1. 71
20. 9000	1. 68	1. 65	1. 63	1. 61	1. 59
21. 1500	1. 57	1. 55	1. 54	1. 53	1. 51
21. 4000	1. 50	1. 49	1. 48	1. 48	1. 47
21. 6500	1. 46	1. 45	1. 45	1. 44	1. 44
21. 9000	1. 43	1. 43	1. 42	1. 42	1. 41
22. 1500	1. 41	1. 40	1. 40	1. 40	1. 39
22. 4000	1. 39	1. 39	1. 38	1. 38	1. 38
22. 6500	1. 37	1. 37	1. 37	1. 36	1. 36
22. 9000	1. 36	1. 36	1. 35	1. 35	1. 35
23. 1500	1. 34	1. 34	1. 34	1. 34	1. 33
23. 4000	1. 33	1. 33	1. 33	1. 32	1. 32
23. 6500	1. 32	1. 31	1. 31	1. 31	1. 31
23. 9000	1. 30	1. 30	1. 30	1. 29	1. 28
24. 1500	1. 26	1. 21	1. 15	1. 08	1. 00
24. 4000	. 92	. 84	. 77	. 70	. 64
24. 6500	. 59	. 54	. 49	. 45	. 41
24. 9000	. 38	. 35	. 32	. 30	. 28
25. 1500	. 26	. 24	. 22	. 21	. 19
25. 4000	. 18	. 17	. 16	. 15	. 14
25. 6500	. 13	. 12	. 12	. 11	. 10
25. 9000	. 10	. 09	. 09	. 08	. 08
26. 1500	. 08	. 07	. 07	. 06	. 06



asbuilt basin 1 2 and 4.txt					
26. 4000	.06	.05	.05	.05	.05
26. 6500	.05	.04	.04	.04	.04
26. 9000	.04	.04	.04	.04	.03

S/N:  
PondPack Ver:                                  Compute Time:                                  Date:

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Type... Diverted Hydrograph                                  Page 16.160  
Name... ROUTE 60    Event: 100 yr  
File... \\2serverprs\PondPack\EI mer-j obs\Di erberg Tract\  
Storm... TypeII 24hr      Tag:      100

HYDROGRAPH ORDINATES (cfs)  
Output Time increment = .0500 hrs  
Time on left represents time for first value in each row.

Time hrs					
27. 1500	.03	.03	.03	.03	.03
27. 4000	.03	.03	.03	.03	.03
27. 6500	.02	.02	.02	.02	.02
27. 9000	.02	.02	.02	.02	.02
28. 1500	.02	.02	.02	.02	.02
28. 4000	.02	.02	.01	.01	.01
28. 6500	.01	.01	.01	.01	.01
28. 9000	.01	.01	.01	.01	.01
29. 1500	.01	.01	.01	.01	.01
29. 4000	.01	.01	.01	.01	.01
29. 6500	.01	.01	.01	.01	.01
29. 9000	.01	.01	.01	.01	.01
30. 1500	.01	.01	.01	.00	.00
30. 4000	.00	.00	.00	.00	.00
30. 6500	.00	.00	.00	.00	.00
30. 9000	.00	.00	.00	.00	.00
31. 1500	.00				

S/N:  
PondPack Ver:                                  Compute Time:                                  Date:

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