ICPM HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = KB ROUTE
HYG Tag = 2

Peak Discharge =	20.21 cfs
Time to Peak =	14.3000 hrs
HYG Volume =	12.824 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
5.2000	.00	.00	.00	.00	.01
5.7000	.01	.01	.01	.01	.02
6.2000	.02	.02	.02	.03	.03
6.7000	.03	.04	.04	.05	.05
7.2000	.06	.06	.06	.07	.07
7.7000	.08	.09	.09	.10	.11
8.2000	.11	.12	.13	.13	.14
8.7000	.15	.16	.17	.18	.19
9.2000	.20	.21	.22	.23	.25
9.7000	.26	.27	.29	.30	.32
10.2000	.33	.35	.37	.39	.41
10.7000	.43	.45	.48	.51	.54
11.2000	.57	.63	.70	.78	.87
11.7000	.99	1.15	1.40	1.85	2.61
12.2000	3.75	5.24	6.95	8.71	10.40
12.7000	11.94	13.29	14.47	15.49	16.38
13.2000	17.15	17.81	18.37	18.85	19.23
13.7000	19.53	19.77	19.95	20.07	20.16
14.2000	20.20	20.21	20.18	20.13	20.06
14.7000	19.97	19.86	19.73	19.60	19.45
15.2000	19.29	19.12	18.95	18.77	18.58
15.7000	18.39	18.20	18.00	17.80	17.60
16.2000	17.39	17.18	16.98	16.76	16.55
16.7000	16.34	16.13	15.92	15.70	15.50
17.2000	15.29	15.09	14.88	14.68	14.48
17.7000	14.28	14.08	13.89	13.69	13.50
18.2000	13.32	13.13	12.95	12.77	12.60
18.7000	12.42	12.25	12.08	11.91	11.74
19.2000	11.58	11.42	11.25	11.10	10.95
19.7000	10.80	10.65	10.50	10.35	10.21
20.2000	10.07	9.93	9.79	9.66	9.52
20.7000	9.40	9.27	9.14	9.02	8.90
21.2000	8.78	8.67	8.55	8.44	8.33

Name.... KB ROUTE Tag: 2 Event: 2 yr
File.... J:\0675B\PONDPACK\PERSIMMO.HYG
Storm... TypeII 24hr Tag: 2

ICPM HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = KB ROUTE
HYG Tag = 2

Peak Discharge =	20.21 cfs
Time to Peak =	14.3000 hrs
HYG Volume =	12.824 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
5.2000	.00	.00	.00	.00	.01
5.7000	.01	.01	.01	.01	.02
6.2000	.02	.02	.02	.03	.03
6.7000	.03	.04	.04	.05	.05
7.2000	.06	.06	.06	.07	.07
7.7000	.08	.09	.09	.10	.11
8.2000	.11	.12	.13	.13	.14
8.7000	.15	.16	.17	.18	.19
9.2000	.20	.21	.22	.23	.25
9.7000	.26	.27	.29	.30	.32
10.2000	.33	.35	.37	.39	.41
10.7000	.43	.45	.48	.51	.54
11.2000	.57	.63	.70	.78	.87
11.7000	.99	1.15	1.40	1.85	2.61
12.2000	3.75	5.24	6.95	8.71	10.40
12.7000	11.94	13.29	14.47	15.49	16.38
13.2000	17.15	17.81	18.37	18.85	19.23
13.7000	19.53	19.77	19.95	20.07	20.16
14.2000	20.20	20.21	20.18	20.13	20.06
14.7000	19.97	19.86	19.73	19.60	19.45
15.2000	19.29	19.12	18.95	18.77	18.58
15.7000	18.39	18.20	18.00	17.80	17.60
16.2000	17.39	17.18	16.98	16.76	16.55
16.7000	16.34	16.13	15.92	15.70	15.50
17.2000	15.29	15.09	14.88	14.68	14.48
17.7000	14.28	14.08	13.89	13.69	13.50
18.2000	13.32	13.13	12.95	12.77	12.60
18.7000	12.42	12.25	12.08	11.91	11.74
19.2000	11.58	11.42	11.25	11.10	10.95
19.7000	10.80	10.65	10.50	10.35	10.21
20.2000	10.07	9.93	9.79	9.66	9.52
20.7000	9.40	9.27	9.14	9.02	8.90
21.2000	8.78	8.67	8.55	8.44	8.33

ICPM HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = KB ROUTE
HYG Tag = 15

Peak Discharge =	53.02 cfs
Time to Peak =	13.7000 hrs
HYG Volume =	24.970 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
3.8000	.00	.00	.00	.00	.01
4.3000	.01	.01	.01	.01	.02
4.8000	.02	.03	.03	.04	.04
5.3000	.04	.05	.06	.06	.07
5.8000	.07	.08	.09	.10	.10
6.3000	.11	.12	.13	.14	.15
6.8000	.16	.17	.18	.19	.20
7.3000	.21	.22	.24	.25	.26
7.8000	.28	.29	.30	.32	.33
8.3000	.35	.36	.38	.39	.41
8.8000	.43	.45	.47	.49	.51
9.3000	.53	.56	.59	.64	.69
9.8000	.74	.79	.85	.91	.97
10.3000	1.03	1.10	1.17	1.25	1.33
10.8000	1.42	1.52	1.63	1.77	1.92
11.3000	2.09	2.28	2.49	2.73	3.04
11.8000	3.50	4.20	5.37	7.19	9.78
12.3000	12.94	16.33	19.60	23.55	28.04
12.8000	32.17	35.77	38.85	41.45	43.60
13.3000	46.04	49.19	51.31	52.53	53.02
13.8000	52.92	52.37	51.47	50.32	48.98
14.3000	47.52	45.98	44.64	43.96	43.22
14.8000	42.46	41.67	40.87	40.07	39.26
15.3000	38.45	37.63	36.83	36.05	35.27
15.8000	34.50	33.74	33.01	32.29	31.58
16.3000	30.87	30.19	29.54	28.91	28.29
16.8000	27.68	27.09	26.52	26.00	25.48
17.3000	24.98	24.48	24.00	23.53	23.12
17.8000	22.72	22.34	21.96	21.58	21.22
18.3000	20.86	20.55	20.27	20.02	19.79
18.8000	19.56	19.33	19.10	18.87	18.64
19.3000	18.41	18.19	17.96	17.74	17.52
19.8000	17.31	17.09	16.87	16.66	16.44

ICPM HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = KB ROUTE
HYG Tag = 15

Peak Discharge = 53.02 cfs
Time to Peak = 13.7000 hrs
HYG Volume = 24.970 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
3.8000	.00	.00	.00	.00	.01
4.3000	.01	.01	.01	.01	.02
4.8000	.02	.03	.03	.04	.04
5.3000	.04	.05	.06	.06	.07
5.8000	.07	.08	.09	.10	.10
6.3000	.11	.12	.13	.14	.15
6.8000	.16	.17	.18	.19	.20
7.3000	.21	.22	.24	.25	.26
7.8000	.28	.29	.30	.32	.33
8.3000	.35	.36	.38	.39	.41
8.8000	.43	.45	.47	.49	.51
9.3000	.53	.56	.59	.64	.69
9.8000	.74	.79	.85	.91	.97
10.3000	1.03	1.10	1.17	1.25	1.33
10.8000	1.42	1.52	1.63	1.77	1.92
11.3000	2.09	2.28	2.49	2.73	3.04
11.8000	3.50	4.20	5.37	7.19	9.78
12.3000	12.94	16.33	19.60	23.55	28.04
12.8000	32.17	35.77	38.85	41.45	43.60
13.3000	46.04	49.19	51.31	52.53	53.02
13.8000	52.92	52.37	51.47	50.32	48.98
14.3000	47.52	45.98	44.64	43.96	43.22
14.8000	42.46	41.67	40.87	40.07	39.26
15.3000	38.45	37.63	36.83	36.05	35.27
15.8000	34.50	33.74	33.01	32.29	31.58
16.3000	30.87	30.19	29.54	28.91	28.29
16.8000	27.68	27.09	26.52	26.00	25.48
17.3000	24.98	24.48	24.00	23.53	23.12
17.8000	22.72	22.34	21.96	21.58	21.22
18.3000	20.86	20.55	20.27	20.02	19.79
18.8000	19.56	19.33	19.10	18.87	18.64
19.3000	18.41	18.19	17.96	17.74	17.52
19.8000	17.31	17.09	16.87	16.66	16.44

ICPM HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = KB ROUTE
HYG Tag = 25

Peak Discharge =	71.81 cfs
Time to Peak =	13.5000 hrs
HYG Volume =	28.784 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
3.5000	.00	.00	.00	.00	.01
4.0000	.01	.01	.01	.02	.02
4.5000	.02	.03	.03	.04	.04
5.0000	.05	.05	.06	.07	.07
5.5000	.08	.09	.09	.10	.11
6.0000	.12	.13	.14	.15	.16
6.5000	.17	.18	.19	.20	.22
7.0000	.23	.24	.25	.27	.28
7.5000	.30	.31	.33	.34	.36
8.0000	.37	.39	.41	.42	.44
8.5000	.46	.48	.50	.52	.55
9.0000	.57	.60	.65	.70	.76
9.5000	.81	.87	.93	.99	1.06
10.0000	1.12	1.19	1.26	1.34	1.42
10.5000	1.51	1.60	1.72	1.85	1.99
11.0000	2.15	2.32	2.50	2.70	2.92
11.5000	3.20	3.52	3.91	4.45	5.32
12.0000	6.73	8.90	11.93	15.57	19.37
12.5000	24.29	30.10	35.59	40.37	44.39
13.0000	51.56	58.58	64.51	68.37	70.82
13.5000	71.81	71.41	69.99	68.12	65.84
14.0000	63.30	60.63	57.90	55.19	53.15
14.5000	51.21	49.27	47.37	45.51	44.35
15.0000	43.59	42.81	42.01	41.21	40.41
15.5000	39.60	38.80	38.00	37.22	36.44
16.0000	35.67	34.92	34.18	33.45	32.75
16.5000	32.07	31.39	30.73	30.08	29.47
17.0000	28.87	28.29	27.73	27.16	26.62
17.5000	26.13	25.65	25.17	24.70	24.25
18.0000	23.81	23.39	23.02	22.66	22.31
18.5000	21.95	21.61	21.27	20.94	20.63
19.0000	20.37	20.12	19.91	19.69	19.47
19.5000	19.25	19.04	18.83	18.61	18.40

ICPM HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = KB ROUTE
HYG Tag = 25

Peak Discharge =	71.81 cfs
Time to Peak =	13.5000 hrs
HYG Volume =	28.784 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
3.5000	.00	.00	.00	.00	.01
4.0000	.01	.01	.01	.02	.02
4.5000	.02	.03	.03	.04	.04
5.0000	.05	.05	.06	.07	.07
5.5000	.08	.09	.09	.10	.11
6.0000	.12	.13	.14	.15	.16
6.5000	.17	.18	.19	.20	.22
7.0000	.23	.24	.25	.27	.28
7.5000	.30	.31	.33	.34	.36
8.0000	.37	.39	.41	.42	.44
8.5000	.46	.48	.50	.52	.55
9.0000	.57	.60	.65	.70	.76
9.5000	.81	.87	.93	.99	1.06
10.0000	1.12	1.19	1.26	1.34	1.42
10.5000	1.51	1.60	1.72	1.85	1.99
11.0000	2.15	2.32	2.50	2.70	2.92
11.5000	3.20	3.52	3.91	4.45	5.32
12.0000	6.73	8.90	11.93	15.57	19.37
12.5000	24.29	30.10	35.59	40.37	44.39
13.0000	51.56	58.58	64.51	68.37	70.82
13.5000	71.81	71.41	69.99	68.12	65.84
14.0000	63.30	60.63	57.90	55.19	53.15
14.5000	51.21	49.27	47.37	45.51	44.35
15.0000	43.59	42.81	42.01	41.21	40.41
15.5000	39.60	38.80	38.00	37.22	36.44
16.0000	35.67	34.92	34.18	33.45	32.75
16.5000	32.07	31.39	30.73	30.08	29.47
17.0000	28.87	28.29	27.73	27.16	26.62
17.5000	26.13	25.65	25.17	24.70	24.25
18.0000	23.81	23.39	23.02	22.66	22.31
18.5000	21.95	21.61	21.27	20.94	20.63
19.0000	20.37	20.12	19.91	19.69	19.47
19.5000	19.25	19.04	18.83	18.61	18.40

ICPM HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = KB ROUTE
HYG Tag = 100

Peak Discharge =	128.78 cfs
Time to Peak =	13.2000 hrs
HYG Volume =	40.734 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
2.9000	.00	.00	.00	.01	.01
3.4000	.01	.01	.02	.02	.03
3.9000	.03	.04	.04	.05	.05
4.4000	.06	.07	.08	.09	.09
4.9000	.10	.11	.12	.13	.14
5.4000	.16	.17	.18	.19	.21
5.9000	.22	.24	.25	.27	.28
6.4000	.30	.31	.33	.35	.37
6.9000	.39	.41	.43	.45	.47
7.4000	.49	.51	.53	.56	.58
7.9000	.62	.67	.71	.76	.81
8.4000	.86	.92	.97	1.03	1.09
8.9000	1.15	1.22	1.29	1.37	1.45
9.4000	1.53	1.61	1.72	1.84	1.96
9.9000	2.08	2.21	2.34	2.48	2.63
10.4000	2.78	2.95	3.15	3.36	3.59
10.9000	3.83	4.09	4.38	4.71	5.07
11.4000	5.46	5.90	6.43	7.08	7.96
11.9000	9.31	11.45	14.66	18.89	25.49
12.4000	34.67	43.98	64.91	88.20	106.48
12.9000	118.64	125.57	128.58	128.78	126.76
13.4000	123.35	118.86	113.52	107.71	102.05
13.9000	96.29	90.59	85.37	80.60	76.03
14.4000	71.71	67.73	64.26	60.95	57.86
14.9000	55.00	53.02	51.16	49.37	47.64
15.4000	45.97	44.64	43.99	43.32	42.65
15.9000	41.96	41.28	40.59	39.90	39.21
16.4000	38.51	37.83	37.15	36.50	35.85
16.9000	35.21	34.58	33.96	33.37	32.79
17.4000	32.22	31.66	31.11	30.58	30.06
17.9000	29.57	29.09	28.62	28.16	27.71
18.4000	27.27	26.84	26.44	26.05	25.67
18.9000	25.30	24.93	24.57	24.22	23.87

Type . . Hydrograph
Name . . KB ROUTE Tag: 100 Event: 100 yr
File . . J:\0675B\PONDPACK\PERSIMMC.HYG
Storm. . TypeII 24HR Tag: 100

ICPM HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMC.HYG
HYG ID = KB ROUTE
HYG Tag = 100

Peak Discharge =	128.78 cfs
Time to Peak =	13.2000 hrs
HYG Volume =	40.734 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
2.9000	.00	.00	.00	.01	.01
3.4000	.01	.01	.02	.02	.03
3.9000	.03	.04	.04	.05	.05
4.4000	.06	.07	.08	.09	.09
4.9000	.10	.11	.12	.13	.14
5.4000	.16	.17	.18	.19	.21
5.9000	.22	.24	.25	.27	.28
6.4000	.30	.31	.33	.35	.37
6.9000	.39	.41	.43	.45	.47
7.4000	.49	.51	.53	.56	.58
7.9000	.62	.67	.71	.76	.81
8.4000	.86	.92	.97	1.03	1.09
8.9000	1.15	1.22	1.29	1.37	1.45
9.4000	1.53	1.61	1.72	1.84	1.96
9.9000	2.08	2.21	2.34	2.48	2.63
10.4000	2.78	2.95	3.15	3.36	3.59
10.9000	3.83	4.09	4.38	4.71	5.07
11.4000	5.46	5.90	6.43	7.08	7.96
11.9000	9.31	11.45	14.66	18.89	25.49
12.4000	34.67	43.98	64.91	88.20	106.48
12.9000	118.64	125.57	128.58	128.78	126.76
13.4000	123.35	118.86	113.52	107.71	102.05
13.9000	96.29	90.59	85.37	80.60	76.03
14.4000	71.71	67.73	64.26	60.95	57.86
14.9000	55.00	53.02	51.16	49.37	47.64
15.4000	45.97	44.64	43.99	43.32	42.65
15.9000	41.96	41.28	40.59	39.90	39.21
16.4000	38.51	37.83	37.15	36.50	35.85
16.9000	35.21	34.58	33.96	33.37	32.79
17.4000	32.22	31.66	31.11	30.58	30.06
17.9000	29.57	29.09	28.62	28.16	27.71
18.4000	27.27	26.84	26.44	26.05	25.67
18.9000	25.30	24.93	24.57	24.22	23.87

ICPM HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = SOUTH LAKE IN
HYG Tag = 2

Peak Discharge =	21.49 cfs
Time to Peak =	14.1000 hrs
HYG Volume =	14.433 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00
1.0000	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00
3.5000	.00	.00	.00	.00	.00
4.0000	.00	.00	.00	.00	.00
4.5000	.00	.00	.00	.00	.00
5.0000	.00	.00	.00	.00	.00
5.5000	.00	.01	.01	.01	.01
6.0000	.01	.02	.02	.02	.02
6.5000	.03	.03	.03	.04	.04
7.0000	.05	.05	.06	.06	.06
7.5000	.07	.07	.08	.09	.09
8.0000	.10	.11	.11	.12	.13
8.5000	.13	.14	.15	.16	.17
9.0000	.19	.20	.22	.24	.27
9.5000	.29	.31	.34	.37	.39
10.0000	.42	.46	.49	.53	.57
10.5000	.62	.67	.73	.79	.86
11.0000	.94	1.03	1.13	1.27	1.44
11.5000	1.65	1.95	2.54	3.79	6.48
12.0000	10.84	15.80	18.92	19.73	19.08
12.5000	18.14	17.70	17.70	17.96	18.31
13.0000	18.74	19.21	19.65	20.06	20.43
13.5000	20.74	20.99	21.18	21.32	21.42
14.0000	21.47	21.49	21.47	21.43	21.36
14.5000	21.27	21.17	21.05	20.92	20.77
15.0000	20.61	20.44	20.26	20.08	19.88
15.5000	19.68	19.47	19.26	19.05	18.83
16.0000	18.61	18.38	18.16	17.93	17.71

Type.... Hydrograph
Name.... SOUTH LAKE IN Tag: 2
File.... J:\0675B\PONDPACK\PERSIMMO.HYG
Storm... TypeII 24hr Tag: 2

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
16.5000	17.49	17.27	17.04	16.82	16.60
17.0000	16.38	16.17	15.95	15.74	15.53
17.5000	15.32	15.11	14.91	14.70	14.50
18.0000	14.30	14.10	13.91	13.71	13.52
18.5000	13.34	13.15	12.97	12.79	12.61
19.0000	12.44	12.26	12.09	11.92	11.75
19.5000	11.59	11.43	11.27	11.11	10.96
20.0000	10.80	10.65	10.50	10.36	10.22
20.5000	10.08	9.94	9.81	9.68	9.55
21.0000	9.43	9.30	9.19	9.07	8.95
21.5000	8.84	8.73	8.62	8.51	8.41
22.0000	8.30	8.20	8.10	8.01	7.92
22.5000	7.83	7.74	7.65	7.57	7.49
23.0000	7.40	7.32	7.25	7.17	7.10
23.5000	7.02	6.95	6.88	6.80	6.74
24.0000	6.67				

ICPM HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = SOUTH LAKE IN
HYG Tag = 15

Peak Discharge = 55.80 cfs
Time to Peak = 13.7000 hrs
HYG Volume = 27.951 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00
1.0000	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00
3.5000	.00	.00	.00	.00	.00
4.0000	.00	.00	.01	.01	.01
4.5000	.01	.01	.02	.02	.03
5.0000	.03	.04	.04	.04	.05
5.5000	.06	.06	.07	.07	.08
6.0000	.09	.10	.10	.11	.12
6.5000	.13	.14	.15	.16	.17
7.0000	.19	.21	.23	.25	.27
7.5000	.29	.31	.34	.36	.38
8.0000	.41	.44	.46	.49	.52
8.5000	.55	.59	.62	.66	.70
9.0000	.75	.80	.85	.90	.94
9.5000	1.00	1.07	1.14	1.22	1.30
10.0000	1.39	1.49	1.59	1.71	1.83
10.5000	1.97	2.12	2.28	2.46	2.65
11.0000	2.87	3.14	3.44	3.79	4.20
11.5000	4.67	5.34	6.66	9.35	14.78
12.0000	23.20	32.47	38.20	39.67	38.43
12.5000	36.63	36.61	38.28	40.39	42.49
13.0000	44.50	46.33	47.89	49.90	52.70
13.5000	54.54	55.51	55.80	55.54	54.85
14.0000	53.83	52.57	51.12	49.58	47.96
14.5000	46.56	45.82	45.04	44.23	43.41
15.0000	42.58	41.73	40.89	40.04	39.19
15.5000	38.36	37.54	36.72	35.92	35.12
16.0000	34.36	33.60	32.86	32.12	31.41

Type. . . Hydrograph
Name.... SOUTH LAKE IN Tag: 15
File.... J:\0675B\PONDPACK\PERSIMMO.HYG
Storm... TypeII 24hr Tag: 15
Event: 15 yr

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
16.5000	30.74	30.09	29.45	28.83	28.23
17.0000	27.65	27.11	26.58	26.06	25.56
17.5000	25.06	24.58	24.16	23.75	23.35
18.0000	22.96	22.57	22.19	21.82	21.50
18.5000	21.20	20.94	20.70	20.45	20.21
19.0000	19.97	19.73	19.49	19.24	19.01
19.5000	18.77	18.54	18.30	18.07	17.85
20.0000	17.62	17.39	17.16	16.94	16.72
20.5000	16.50	16.29	16.09	15.88	15.68
21.0000	15.48	15.29	15.09	14.90	14.71
21.5000	14.53	14.34	14.17	13.99	13.82
22.0000	13.65	13.48	13.32	13.16	13.01
22.5000	12.86	12.71	12.56	12.41	12.27
23.0000	12.13	12.00	11.87	11.73	11.61
23.5000	11.48	11.36	11.24	11.12	11.01
24.0000	10.90				

ICPM HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = SOUTH LAKE IN
HYG Tag = 25

Peak Discharge =	75.42 cfs
Time to Peak =	13.5000 hrs
HYG Volume =	32.189 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00
1.0000	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00
3.5000	.00	.00	.00	.00	.01
4.0000	.01	.01	.01	.02	.02
4.5000	.02	.03	.03	.04	.04
5.0000	.05	.05	.06	.07	.07
5.5000	.08	.09	.09	.10	.11
6.0000	.12	.13	.14	.15	.16
6.5000	.18	.19	.21	.23	.26
7.0000	.28	.30	.33	.35	.38
7.5000	.41	.43	.46	.49	.52
8.0000	.55	.58	.61	.64	.68
8.5000	.72	.76	.80	.85	.90
9.0000	.96	1.02	1.10	1.18	1.26
9.5000	1.34	1.43	1.51	1.60	1.70
10.0000	1.81	1.92	2.05	2.19	2.34
10.5000	2.50	2.67	2.88	3.12	3.38
11.0000	3.66	3.98	4.34	4.74	5.22
11.5000	5.81	6.63	8.20	11.31	17.62
12.0000	27.28	37.87	44.37	45.99	44.47
12.5000	43.60	44.90	47.17	49.65	51.96
13.0000	57.91	64.07	69.34	72.70	74.75
13.5000	75.42	74.75	73.11	71.06	68.63
14.0000	65.95	63.15	60.30	57.49	55.36
14.5000	53.36	51.35	49.40	47.49	46.30
15.0000	45.49	44.67	43.83	42.99	42.15
15.5000	41.30	40.46	39.63	38.80	37.99
16.0000	37.18	36.38	35.61	34.85	34.12

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
16.5000	33.41	32.71	32.03	31.36	30.74
17.0000	30.13	29.53	28.95	28.38	27.82
17.5000	27.31	26.82	26.32	25.85	25.38
18.0000	24.92	24.49	24.11	23.73	23.36
18.5000	23.00	22.64	22.28	21.94	21.62
19.0000	21.34	21.08	20.85	20.62	20.39
19.5000	20.15	19.92	19.70	19.47	19.24
20.0000	19.01	18.78	18.56	18.33	18.11
20.5000	17.89	17.68	17.47	17.26	17.05
21.0000	16.85	16.65	16.45	16.25	16.06
21.5000	15.87	15.68	15.50	15.31	15.13
22.0000	14.96	14.78	14.62	14.45	14.28
22.5000	14.12	13.96	13.81	13.66	13.51
23.0000	13.36	13.22	13.07	12.93	12.80
23.5000	12.66	12.53	12.40	12.27	12.15
24.0000	12.03				

ICPM HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = SOUTH LAKE IN
HYG Tag = 100

Peak Discharge =	135.90 cfs
Time to Peak =	13.1000 hrs
HYG Volume =	45.441 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00
1.0000	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00
3.0000	.00	.00	.01	.01	.01
3.5000	.01	.02	.02	.03	.03
4.0000	.04	.04	.05	.05	.06
4.5000	.07	.08	.09	.09	.10
5.0000	.11	.12	.13	.15	.16
5.5000	.18	.20	.22	.24	.27
6.0000	.30	.33	.36	.39	.42
6.5000	.45	.49	.52	.55	.59
7.0000	.63	.66	.70	.74	.78
7.5000	.82	.86	.90	.94	1.01
8.0000	1.07	1.14	1.20	1.28	1.36
8.5000	1.44	1.53	1.63	1.73	1.84
9.0000	1.96	2.08	2.20	2.32	2.45
9.5000	2.57	2.71	2.86	3.02	3.19
10.0000	3.38	3.58	3.80	4.04	4.29
10.5000	4.57	4.89	5.24	5.62	6.03
11.0000	6.48	6.98	7.56	8.22	8.99
11.5000	9.87	11.12	13.45	17.98	26.91
12.0000	40.34	54.86	63.52	67.09	68.83
12.5000	70.16	84.91	103.79	118.94	128.78
13.0000	134.06	135.90	135.20	132.50	128.56
13.5000	123.64	117.94	111.82	105.92	99.96
14.0000	94.08	88.68	83.76	79.06	74.63
14.5000	70.55	67.00	63.63	60.48	57.56
15.0000	55.52	53.61	51.76	49.98	48.26
15.5000	46.37	46.17	45.46	44.73	43.99
16.0000	43.25	42.51	41.77	41.04	40.31

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
16.5000	39.59	38.89	38.21	37.54	36.88
17.0000	36.23	35.59	34.97	34.38	33.79
17.5000	33.21	32.65	32.09	31.55	31.04
18.0000	30.55	30.06	29.58	29.11	28.65
18.5000	28.20	27.78	27.38	26.98	26.59
19.0000	26.20	25.82	25.45	25.08	24.72
19.5000	24.40	24.09	23.78	23.47	23.16
20.0000	22.86	22.55	22.25	21.96	21.68
20.5000	21.45	21.22	21.02	20.83	20.64
21.0000	20.45	20.26	20.07	19.89	19.71
21.5000	19.52	19.34	19.16	18.98	18.80
22.0000	18.63	18.45	18.28	18.10	17.93
22.5000	17.77	17.60	17.44	17.28	17.12
23.0000	16.96	16.80	16.64	16.49	16.34
23.5000	16.19	16.04	15.90	15.76	15.62
24.0000	15.48				

ICPM HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = SOUTH LAKE OUT
HYG Tag = 2

Peak Discharge = 21.31 cfs
Time to Peak = 14.4000 hrs
HYG Volume = 14.053 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00
1.0000	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00
3.5000	.00	.00	.00	.00	.00
4.0000	.00	.00	.00	.00	.00
4.5000	.00	.00	.00	.00	.00
5.0000	.00	.00	.00	.00	.00
5.5000	.00	.00	.00	.00	.00
6.0000	.00	.00	.00	.00	.00
6.5000	.00	.00	.00	.00	.00
7.0000	.00	.00	.00	.00	.00
7.5000	.00	.00	.00	.00	.00
8.0000	.00	.02	.02	.02	.04
8.5000	.04	.04	.07	.07	.09
9.0000	.09	.11	.13	.15	.17
9.5000	.20	.22	.24	.26	.28
10.0000	.30	.33	.35	.37	.39
10.5000	.41	.43	.46	.50	.54
11.0000	.58	.63	.67	.73	.80
11.5000	.88	.99	1.14	1.35	1.75
12.0000	2.65	4.51	6.85	9.52	11.66
12.5000	13.32	14.40	15.18	15.81	16.39
13.0000	16.92	17.39	17.92	18.39	18.87
13.5000	19.29	19.71	20.07	20.38	20.64
14.0000	20.85	21.00	21.16	21.26	21.31
14.5000	21.31	21.31	21.25	21.19	21.09
15.0000	20.96	20.84	20.71	20.58	20.40
15.5000	20.21	20.02	19.83	19.65	19.46
16.0000	19.27	19.09	18.91	18.66	18.45

HYDROGRAPH ORDINATES (cfs)

Output Time increment = .1000 hrs

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

Time hrs					
16.5000	18.20	17.99	17.75	17.54	17.32
17.0000	17.11	16.89	16.68	16.47	16.26
17.5000	16.05	15.85	15.64	15.43	15.23
18.0000	15.02	14.82	14.62	14.42	14.21
18.5000	14.01	13.81	13.61	13.42	13.22
19.0000	13.02	12.87	12.68	12.48	12.34
19.5000	12.14	12.00	11.85	11.66	11.52
20.0000	11.35	11.23	11.06	10.90	10.74
20.5000	10.62	10.46	10.35	10.19	10.07
21.0000	9.95	9.84	9.72	9.60	9.45
21.5000	9.33	9.22	9.11	8.99	8.88
22.0000	8.77	8.65	8.54	8.43	8.31
22.5000	8.20	8.12	8.05	7.94	7.87
23.0000	7.79	7.72	7.61	7.53	7.46
23.5000	7.39	7.31	7.24	7.17	7.10
24.0000	7.02				

ICPM HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = SOUTH LAKE OUT
HYG Tag = 15

Peak Discharge = 53.98 cfs
Time to Peak = 14.0000 hrs
HYG Volume = 27.400 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00
1.0000	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00
3.5000	.00	.00	.00	.00	.00
4.0000	.00	.00	.00	.00	.00
4.5000	.00	.00	.00	.00	.00
5.0000	.00	.00	.00	.00	.00
5.5000	.00	.00	.00	.00	.00
6.0000	.00	.00	.00	.00	.00
6.5000	.04	.04	.02	.02	.02
7.0000	.09	.11	.07	.07	.09
7.5000	.20	.22	.13	.15	.17
8.0000	.30	.33	.24	.26	.28
8.5000	.41	.43	.35	.37	.39
9.0000	.52	.54	.46	.48	.50
9.5000	.69	.74	.56	.61	.65
10.0000	.91	.97	.78	.82	.86
10.5000	1.27	1.35	1.03	1.10	1.18
11.0000	1.77	1.92	1.43	1.54	1.64
11.5000	2.87	3.24	2.06	2.23	2.53
12.0000	8.54	12.52	3.72	4.49	5.83
12.5000	29.52	31.45	17.61	22.72	26.79
13.0000	38.59	40.60	33.13	34.93	36.80
13.5000	48.64	50.43	42.54	44.45	46.48
14.0000	53.98	53.74	52.04	53.17	53.78
14.5000	50.01	48.85	53.14	52.30	51.24
15.0000	45.11	44.21	47.84	46.87	45.96
15.5000	40.80	39.94	43.37	42.49	41.62
16.0000	36.71	35.94	39.13	38.33	37.54
			35.17	34.41	33.65

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
16.5000	32.94	32.24	31.56	30.92	30.29
17.0000	29.66	29.03	28.41	27.84	27.30
17.5000	26.77	26.24	25.72	25.23	24.79
18.0000	24.35	23.94	23.55	23.15	22.76
18.5000	22.40	22.08	21.76	21.43	21.18
19.0000	20.93	20.67	20.42	20.17	19.92
19.5000	19.67	19.42	19.17	18.93	18.68
20.0000	18.44	18.19	17.95	17.71	17.47
20.5000	17.26	17.04	16.83	16.62	16.41
21.0000	16.20	15.99	15.78	15.58	15.37
21.5000	15.22	15.01	14.81	14.66	14.46
22.0000	14.30	14.15	13.95	13.75	13.60
22.5000	13.45	13.31	13.16	13.01	12.86
23.0000	12.71	12.57	12.42	12.28	12.14
23.5000	11.99	11.85	11.70	11.56	11.41
24.0000	11.29				

ICPM HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = SOUTH LAKE OUT
HYG Tag = 25

Peak Discharge = 71.34 cfs
Time to Peak = 13.8000 hrs
HYG Volume = 31.532 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00
1.0000	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00
3.5000	.00	.00	.00	.00	.00
4.0000	.00	.00	.00	.00	.00
4.5000	.00	.00	.00	.00	.00
5.0000	.00	.00	.00	.00	.00
5.5000	.00	.00	.00	.00	.00
6.0000	.02	.04	.04	.07	.07
6.5000	.09	.09	.11	.13	.15
7.0000	.17	.20	.22	.24	.26
7.5000	.28	.30	.33	.35	.37
8.0000	.39	.41	.43	.46	.48
8.5000	.50	.52	.54	.56	.61
9.0000	.65	.69	.74	.78	.82
9.5000	.86	.93	.99	1.05	1.12
10.0000	1.18	1.27	1.35	1.43	1.52
10.5000	1.62	1.73	1.85	1.98	2.12
11.0000	2.31	2.57	2.87	3.16	3.49
11.5000	3.86	4.26	4.81	5.68	7.44
12.0000	10.63	15.42	21.45	27.30	31.89
12.5000	35.13	37.59	39.83	42.22	44.56
13.0000	47.43	51.22	55.60	60.06	64.02
13.5000	67.26	69.56	70.97	71.34	70.32
14.0000	69.71	68.01	66.16	64.02	61.78
14.5000	59.65	57.35	55.19	53.13	51.22
15.0000	49.58	48.19	47.00	45.93	44.92
15.5000	43.98	43.04	42.16	41.29	40.42
16.0000	39.58	38.78	37.99	37.20	36.42

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
16.5000	35.65	34.93	34.21	33.50	32.80
17.0000	32.10	31.47	30.83	30.24	29.65
17.5000	29.10	28.56	28.02	27.48	26.95
18.0000	26.46	26.01	25.56	25.12	24.68
18.5000	24.24	23.88	23.51	23.15	22.82
19.0000	22.50	22.18	21.86	21.57	21.31
19.5000	21.05	20.80	20.55	20.29	20.04
20.0000	19.79	19.54	19.30	19.08	18.86
20.5000	18.62	18.41	18.19	17.98	17.77
21.0000	17.56	17.34	17.15	16.94	16.75
21.5000	16.54	16.36	16.18	15.97	15.82
22.0000	15.61	15.45	15.30	15.09	14.94
22.5000	14.79	14.64	14.44	14.29	14.13
23.0000	13.98	13.78	13.63	13.49	13.34
23.5000	13.19	13.04	12.89	12.75	12.60
24.0000	12.46				

ICPM HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = SOUTH LAKE OUT
HYG Tag = 100

Peak Discharge = 130.07 cfs
Time to Peak = 13.4000 hrs
HYG Volume = 44.703 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
.0000	.00	.00	.00	.00	.00
.5000	.00	.00	.00	.00	.00
1.0000	.00	.00	.00	.00	.00
1.5000	.00	.00	.00	.00	.00
2.0000	.00	.00	.00	.00	.00
2.5000	.00	.00	.00	.00	.00
3.0000	.00	.00	.00	.00	.00
3.5000	.00	.00	.00	.00	.00
4.0000	.00	.00	.00	.00	.00
4.5000	.00	.00	.00	.00	.00
5.0000	.02	.02	.04	.04	.07
5.5000	.09	.09	.11	.13	.15
6.0000	.17	.20	.22	.24	.26
6.5000	.28	.30	.33	.35	.37
7.0000	.39	.41	.43	.46	.50
7.5000	.54	.58	.63	.67	.71
8.0000	.76	.80	.84	.88	.93
8.5000	.97	1.03	1.10	1.16	1.22
9.0000	1.31	1.39	1.48	1.56	1.64
9.5000	1.75	1.85	1.96	2.06	2.18
10.0000	2.38	2.56	2.75	2.94	3.16
10.5000	3.38	3.60	3.86	4.15	4.44
11.0000	4.77	5.13	5.49	5.92	6.42
11.5000	7.06	7.78	8.72	10.18	12.77
12.0000	17.45	24.73	33.58	42.11	49.29
12.5000	55.06	61.55	71.18	83.27	96.22
13.0000	109.79	119.82	126.68	129.72	130.07
13.5000	128.37	125.21	120.90	115.98	110.83
14.0000	105.32	99.83	94.91	90.37	86.23
14.5000	82.10	78.06	74.22	70.59	67.11
15.0000	64.05	61.26	58.74	56.49	54.22
15.5000	52.18	50.41	49.01	47.83	46.80
16.0000	45.84	44.99	44.14	43.31	42.53

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
16.5000	41.76	40.99	40.28	39.59	38.93
17.0000	38.28	37.63	36.98	36.34	35.70
17.5000	35.07	34.44	33.82	33.24	32.72
18.0000	32.19	31.68	31.20	30.72	30.25
18.5000	29.77	29.30	28.84	28.37	27.91
19.0000	27.49	27.11	26.73	26.35	25.98
19.5000	25.61	25.24	24.87	24.50	24.18
20.0000	23.88	23.56	23.26	22.96	22.67
20.5000	22.41	22.15	21.89	21.63	21.38
21.0000	21.19	20.99	20.80	20.61	20.43
21.5000	20.24	20.05	19.86	19.68	19.49
22.0000	19.30	19.12	18.94	18.75	18.57
22.5000	18.39	18.20	18.02	17.84	17.66
23.0000	17.48	17.32	17.16	17.00	16.84
23.5000	16.69	16.53	16.37	16.22	16.06
24.0000	15.91				

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .1000 hrs Time on left represents time for first value in each row.				
11.5000	550.40	550.40	550.42	550.52	550.65
12.0000	550.80	550.93	551.07	551.20	551.29
12.5000	551.37	551.42	551.45	551.48	551.49
13.0000	551.50	551.51	551.51	551.50	551.50
13.5000	551.49	551.49	551.48	551.47	551.46
14.0000	551.45	551.44	551.43	551.42	551.41
14.5000	551.40	551.39	551.37	551.36	551.34
15.0000	551.33	551.31	551.30	551.29	551.28
15.5000	551.26	551.25	551.24	551.23	551.22
16.0000	551.21	551.20	551.18	551.17	551.15
16.5000	551.14	551.12	551.11	551.10	551.09
17.0000	551.08	551.07	551.06	551.05	551.04
17.5000	551.03	551.02	551.02	551.01	551.00
18.0000	550.99	550.98	550.97	550.96	550.95
18.5000	550.94	550.93	550.93	550.92	550.91
19.0000	550.91	550.90	550.89	550.89	550.88
19.5000	550.88	550.87	550.87	550.87	550.86
20.0000	550.86	550.85	550.85	550.84	550.84
20.5000	550.84	550.83	550.83	550.83	550.83
21.0000	550.82	550.82	550.82	550.82	550.81
21.5000	550.81	550.81	550.81	550.81	550.81
22.0000	550.80	550.80	550.80	550.80	550.80
22.5000	550.80	550.80	550.79	550.79	550.79
23.0000	550.79	550.79	550.79	550.78	550.78
23.5000	550.78	550.78	550.78	550.78	550.78
24.0000	550.78	550.78	550.77	550.77	550.76
24.5000	550.74	550.73	550.71	550.69	550.67
25.0000	550.65	550.63	550.62	550.60	550.55
25.5000	550.50	550.47	550.45	550.43	550.42
26.0000	550.41	550.41	550.41	550.40	

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .1000 hrs Time on left represents time for first value in each row.				
10.3000	550.40	550.40	550.40	550.41	550.43
10.8000	550.45	550.49	550.55	550.60	550.62
11.3000	550.64	550.67	550.70	550.75	550.81
11.8000	550.87	550.98	551.12	551.28	551.45
12.3000	551.61	551.72	551.82	551.88	551.93
12.8000	551.96	551.99	552.00	552.01	552.02
13.3000	552.02	552.02	552.02	552.01	552.01
13.8000	552.00	551.99	551.98	551.97	551.96
14.3000	551.95	551.94	551.93	551.92	551.91
14.8000	551.90	551.89	551.87	551.86	551.85
15.3000	551.84	551.83	551.82	551.81	551.79
15.8000	551.78	551.76	551.75	551.74	551.72
16.3000	551.71	551.70	551.68	551.67	551.66
16.8000	551.64	551.63	551.62	551.61	551.59
17.3000	551.58	551.56	551.54	551.53	551.52
17.8000	551.50	551.49	551.48	551.46	551.45
18.3000	551.44	551.43	551.42	551.40	551.39
18.8000	551.37	551.36	551.35	551.33	551.32
19.3000	551.31	551.29	551.28	551.27	551.26
19.8000	551.25	551.24	551.23	551.22	551.21
20.3000	551.20	551.18	551.17	551.15	551.14
20.8000	551.13	551.12	551.11	551.10	551.09
21.3000	551.08	551.07	551.06	551.06	551.05
21.8000	551.04	551.04	551.03	551.03	551.02
22.3000	551.02	551.01	551.01	551.01	551.00
22.8000	551.00	550.99	550.98	550.98	550.97
23.3000	550.97	550.96	550.96	550.96	550.95
23.8000	550.95	550.95	550.94	550.94	550.94
24.3000	550.93	550.92	550.91	550.90	550.88
24.8000	550.86	550.84	550.82	550.80	550.77
25.3000	550.73	550.70	550.67	550.65	550.63
25.8000	550.61	550.60	550.53	550.49	550.45
26.3000	550.43	550.42	550.41	550.41	550.41
26.8000	550.40				

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .1000 hrs Time on left represents time for first value in each row.				
9.9000	550.40	550.40	550.40	550.41	550.42
10.4000	550.44	550.48	550.52	550.57	550.61
10.9000	550.62	550.64	550.66	550.69	550.73
11.4000	550.77	550.81	550.84	550.88	550.96
11.9000	551.06	551.21	551.37	551.54	551.70
12.4000	551.83	551.92	552.00	552.05	552.08
12.9000	552.11	552.13	552.14	552.15	552.15
13.4000	552.15	552.15	552.15	552.14	552.14
13.9000	552.13	552.12	552.11	552.10	552.09
14.4000	552.08	552.07	552.06	552.05	552.04
14.9000	552.03	552.01	552.00	551.99	551.98
15.4000	551.96	551.95	551.94	551.93	551.91
15.9000	551.90	551.89	551.88	551.86	551.85
16.4000	551.84	551.83	551.82	551.80	551.79
16.9000	551.77	551.76	551.74	551.73	551.72
17.4000	551.70	551.69	551.67	551.66	551.65
17.9000	551.64	551.62	551.61	551.60	551.58
18.4000	551.57	551.55	551.54	551.52	551.51
18.9000	551.50	551.48	551.47	551.46	551.45
19.4000	551.43	551.42	551.41	551.40	551.38
19.9000	551.37	551.35	551.34	551.32	551.31
20.4000	551.30	551.29	551.27	551.26	551.25
20.9000	551.24	551.23	551.22	551.21	551.20
21.4000	551.19	551.18	551.16	551.15	551.14
21.9000	551.13	551.12	551.11	551.10	551.10
22.4000	551.09	551.08	551.08	551.07	551.06
22.9000	551.06	551.05	551.05	551.04	551.04
23.4000	551.03	551.03	551.03	551.02	551.02
23.9000	551.02	551.01	551.01	551.01	551.00
24.4000	550.99	550.97	550.95	550.93	550.91
24.9000	550.89	550.86	550.84	550.82	550.80
25.4000	550.77	550.73	550.70	550.67	550.65
25.9000	550.63	550.61	550.58	550.52	550.48
26.4000	550.45	550.43	550.42	550.41	550.41
26.9000	550.41				

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .1000 hrs Time on left represents time for first value in each row.				
8.8000	550.40	550.40	550.40	550.41	550.43
9.3000	550.45	550.48	550.51	550.55	550.60
9.8000	550.61	550.62	550.63	550.65	550.67
10.3000	550.69	550.71	550.74	550.77	550.80
10.8000	550.82	550.84	550.86	550.88	550.91
11.3000	550.95	550.99	551.02	551.05	551.10
11.8000	551.17	551.27	551.42	551.60	551.79
12.3000	551.95	552.10	552.23	552.33	552.41
12.8000	552.47	552.51	552.54	552.56	552.58
13.3000	552.59	552.59	552.60	552.59	552.59
13.8000	552.59	552.58	552.57	552.56	552.55
14.3000	552.54	552.53	552.52	552.51	552.50
14.8000	552.48	552.47	552.46	552.44	552.43
15.3000	552.42	552.40	552.39	552.37	552.36
15.8000	552.34	552.33	552.31	552.30	552.29
16.3000	552.27	552.26	552.24	552.23	552.21
16.8000	552.20	552.18	552.17	552.15	552.14
17.3000	552.12	552.11	552.09	552.08	552.07
17.8000	552.05	552.04	552.03	552.01	552.00
18.3000	551.99	551.97	551.96	551.94	551.93
18.8000	551.92	551.90	551.89	551.87	551.86
19.3000	551.85	551.84	551.82	551.81	551.80
19.8000	551.78	551.77	551.75	551.74	551.72
20.3000	551.71	551.69	551.68	551.66	551.65
20.8000	551.64	551.62	551.61	551.60	551.58
21.3000	551.57	551.55	551.54	551.52	551.51
21.8000	551.49	551.48	551.47	551.46	551.45
22.3000	551.43	551.42	551.41	551.40	551.39
22.8000	551.37	551.36	551.35	551.34	551.32
23.3000	551.31	551.30	551.29	551.28	551.27
23.8000	551.26	551.26	551.25	551.24	551.23
24.3000	551.22	551.21	551.20	551.18	551.15
24.8000	551.13	551.10	551.08	551.06	551.04
25.3000	551.01	550.99	550.95	550.92	550.89
25.8000	550.87	550.84	550.82	550.80	550.76
26.3000	550.72	550.69	550.66	550.64	550.62
26.8000	550.61	550.56	550.50	550.46	550.44
27.3000	550.43	550.42	550.41	550.41	550.40

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .1000 hrs Time on left represents time for first value in each row.				
.0000	526.00	526.00	526.00	526.00	526.00
.5000	526.00	526.00	526.00	526.00	526.00
1.0000	526.00	526.00	526.00	526.00	526.00
1.5000	526.00	526.00	526.00	526.00	526.00
2.0000	526.00	526.00	526.00	526.00	526.00
2.5000	526.00	526.00	526.00	526.00	526.00
3.0000	526.00	526.00	526.00	526.00	526.00
3.5000	526.00	526.00	526.00	526.00	526.00
4.0000	526.00	526.00	526.00	526.00	526.00
4.5000	526.00	526.00	526.00	526.00	526.00
5.0000	526.00	526.00	526.00	526.00	526.00
5.5000	526.00	526.00	526.00	526.00	526.00
6.0000	526.00	526.01	526.01	526.01	526.01
6.5000	526.01	526.01	526.01	526.01	526.01
7.0000	526.02	526.02	526.02	526.02	526.02
7.5000	526.02	526.03	526.03	526.03	526.03
8.0000	526.03	526.04	526.04	526.04	526.04
8.5000	526.05	526.05	526.05	526.05	526.06
9.0000	526.06	526.06	526.07	526.07	526.08
9.5000	526.08	526.08	526.09	526.09	526.10
10.0000	526.10	526.11	526.11	526.12	526.13
10.5000	526.13	526.14	526.15	526.16	526.16
11.0000	526.17	526.18	526.20	526.21	526.22
11.5000	526.24	526.26	526.28	526.31	526.36
12.0000	526.44	526.55	526.71	526.91	527.11
12.5000	527.31	527.50	527.67	527.81	527.94
13.0000	528.05	528.14	528.22	528.29	528.35
13.5000	528.40	528.44	528.48	528.50	528.52
14.0000	528.54	528.54	528.55	528.55	528.55
14.5000	528.54	528.53	528.52	528.51	528.50
15.0000	528.48	528.47	528.45	528.43	528.41
15.5000	528.39	528.37	528.35	528.33	528.31
16.0000	528.29	528.27	528.25	528.22	528.20
16.5000	528.18	528.16	528.14	528.11	528.09
17.0000	528.07	528.05	528.02	528.00	527.98
17.5000	527.96	527.94	527.92	527.90	527.87
18.0000	527.85	527.83	527.81	527.79	527.77
18.5000	527.76	527.74	527.72	527.70	527.68
19.0000	527.66	527.65	527.63	527.61	527.59
19.5000	527.58	527.56	527.54	527.53	527.51
20.0000	527.49	527.48	527.46	527.45	527.43
20.5000	527.42	527.40	527.39	527.38	527.36
21.0000	527.35	527.33	527.32	527.31	527.29
21.5000	527.28	527.27	527.26	527.25	527.23
22.0000	527.22	527.21	527.20	527.19	527.18

Name.... K-B LAKE Tag: 15 Event: 15 yr
File.... J:\0673B\PONDPACK\DEVELOPED1-REV-2.PPW
Storm... TypeII 24hr Tag: 15

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .1000 hrs Time on left represents time for first value in each row.				
.0000	526.00	526.00	526.00	526.00	526.00
.5000	526.00	526.00	526.00	526.00	526.00
1.0000	526.00	526.00	526.00	526.00	526.00
1.5000	526.00	526.00	526.00	526.00	526.00
2.0000	526.00	526.00	526.00	526.00	526.00
2.5000	526.00	526.00	526.00	526.00	526.00
3.0000	526.00	526.00	526.00	526.00	526.00
3.5000	526.00	526.00	526.00	526.00	526.00
4.0000	526.00	526.00	526.00	526.00	526.00
4.5000	526.00	526.01	526.01	526.01	526.01
5.0000	526.01	526.01	526.01	526.02	526.02
5.5000	526.02	526.02	526.02	526.03	526.03
6.0000	526.03	526.03	526.04	526.04	526.04
6.5000	526.04	526.05	526.05	526.05	526.06
7.0000	526.06	526.07	526.07	526.07	526.08
7.5000	526.08	526.09	526.09	526.09	526.10
8.0000	526.10	526.11	526.11	526.12	526.12
8.5000	526.13	526.13	526.14	526.15	526.15
9.0000	526.16	526.17	526.18	526.18	526.19
9.5000	526.20	526.21	526.22	526.23	526.24
10.0000	526.25	526.26	526.27	526.29	526.30
10.5000	526.31	526.33	526.35	526.36	526.38
11.0000	526.40	526.42	526.45	526.47	526.50
11.5000	526.53	526.57	526.62	526.68	526.77
12.0000	526.92	527.14	527.43	527.77	528.13
12.5000	528.48	528.80	529.08	529.32	529.52
13.0000	529.68	529.82	529.94	530.02	530.09
13.5000	530.13	530.16	530.17	530.16	530.15
14.0000	530.13	530.11	530.08	530.05	530.02
14.5000	529.99	529.95	529.92	529.87	529.83
15.0000	529.79	529.75	529.70	529.66	529.62
15.5000	529.57	529.53	529.49	529.45	529.41
16.0000	529.36	529.32	529.28	529.25	529.21
16.5000	529.17	529.13	529.10	529.06	529.03
17.0000	528.99	528.96	528.93	528.89	528.86
17.5000	528.83	528.80	528.77	528.74	528.72
18.0000	528.69	528.66	528.63	528.61	528.58
18.5000	528.56	528.53	528.50	528.48	528.46
19.0000	528.43	528.41	528.38	528.36	528.33
19.5000	528.31	528.28	528.26	528.24	528.22
20.0000	528.19	528.17	528.15	528.12	528.10
20.5000	528.08	528.06	528.04	528.01	527.99
21.0000	527.97	527.95	527.93	527.91	527.89
21.5000	527.87	527.85	527.83	527.82	527.80
22.0000	527.78	527.76	527.75	527.73	527.71

Name.... K-B LAKE Tag: 25 Event: 25 yr
File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Storm... TypeII 24hr Tag: 25

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .1000 hrs Time on left represents time for first value in each row.				
.0000	526.00	526.00	526.00	526.00	526.00
.5000	526.00	526.00	526.00	526.00	526.00
1.0000	526.00	526.00	526.00	526.00	526.00
1.5000	526.00	526.00	526.00	526.00	526.00
2.0000	526.00	526.00	526.00	526.00	526.00
2.5000	526.00	526.00	526.00	526.00	526.00
3.0000	526.00	526.00	526.00	526.00	526.00
3.5000	526.00	526.00	526.00	526.00	526.00
4.0000	526.00	526.00	526.00	526.00	526.00
4.5000	526.01	526.01	526.01	526.01	526.01
5.0000	526.02	526.02	526.02	526.02	526.02
5.5000	526.03	526.03	526.03	526.04	526.04
6.0000	526.04	526.04	526.05	526.05	526.05
6.5000	526.06	526.06	526.07	526.07	526.07
7.0000	526.08	526.08	526.09	526.09	526.10
7.5000	526.10	526.11	526.11	526.12	526.12
8.0000	526.13	526.13	526.14	526.15	526.15
8.5000	526.16	526.16	526.17	526.18	526.19
9.0000	526.20	526.20	526.21	526.22	526.23
9.5000	526.24	526.26	526.27	526.28	526.29
10.0000	526.30	526.32	526.33	526.35	526.36
10.5000	526.38	526.40	526.42	526.44	526.46
11.0000	526.48	526.51	526.54	526.57	526.60
11.5000	526.64	526.68	526.74	526.81	526.92
12.0000	527.09	527.33	527.67	528.05	528.46
12.5000	528.85	529.20	529.51	529.76	529.98
13.0000	530.14	530.25	530.33	530.38	530.41
13.5000	530.42	530.42	530.40	530.38	530.35
14.0000	530.32	530.28	530.24	530.21	530.17
14.5000	530.13	530.09	530.05	530.01	529.98
15.0000	529.93	529.89	529.85	529.81	529.77
15.5000	529.72	529.68	529.64	529.59	529.55
16.0000	529.51	529.47	529.43	529.39	529.35
16.5000	529.31	529.27	529.24	529.20	529.17
17.0000	529.13	529.10	529.06	529.03	529.00
17.5000	528.97	528.94	528.91	528.88	528.85
18.0000	528.82	528.79	528.77	528.74	528.71
18.5000	528.69	528.66	528.64	528.61	528.59
19.0000	528.57	528.54	528.52	528.49	528.47
19.5000	528.45	528.42	528.40	528.38	528.35
20.0000	528.33	528.31	528.29	528.26	528.24
20.5000	528.22	528.20	528.17	528.15	528.13
21.0000	528.11	528.09	528.07	528.05	528.03
21.5000	528.01	527.99	527.97	527.95	527.93
22.0000	527.91	527.89	527.88	527.86	527.84

Name.... K-B LANE Tag: 100 Event: 100 yr
File.... J:\0678E\PONDPACK\DEVELOPED2-REV-2.PPW
Storm... TypeII 24hr Tag: 100

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .1000 hrs Time on left represents time for first value in each row.				
.0000	526.00	526.00	526.00	526.00	526.00
.5000	526.00	526.00	526.00	526.00	526.00
1.0000	526.00	526.00	526.00	526.00	526.00
1.5000	526.00	526.00	526.00	526.00	526.00
2.0000	526.00	526.00	526.00	526.00	526.00
2.5000	526.00	526.00	526.00	526.00	526.00
3.0000	526.00	526.00	526.00	526.00	526.00
3.5000	526.00	526.01	526.01	526.01	526.01
4.0000	526.01	526.01	526.02	526.02	526.02
4.5000	526.02	526.03	526.03	526.03	526.04
5.0000	526.04	526.04	526.05	526.05	526.05
5.5000	526.06	526.06	526.07	526.07	526.08
6.0000	526.08	526.09	526.09	526.10	526.10
6.5000	526.11	526.11	526.12	526.13	526.13
7.0000	526.14	526.15	526.15	526.16	526.17
7.5000	526.17	526.18	526.19	526.20	526.21
8.0000	526.22	526.23	526.23	526.24	526.25
8.5000	526.26	526.27	526.29	526.30	526.31
9.0000	526.32	526.34	526.35	526.37	526.38
9.5000	526.40	526.42	526.43	526.45	526.47
10.0000	526.49	526.51	526.53	526.56	526.58
10.5000	526.61	526.63	526.66	526.69	526.73
11.0000	526.76	526.80	526.84	526.88	526.93
11.5000	526.99	527.05	527.13	527.23	527.38
12.0000	527.61	527.96	528.41	528.93	529.46
12.5000	529.96	530.34	530.60	530.78	530.89
13.0000	530.95	530.97	530.98	530.96	530.93
13.5000	530.89	530.84	530.79	530.74	530.68
14.0000	530.63	530.57	530.52	530.47	530.42
14.5000	530.37	530.33	530.28	530.24	530.20
15.0000	530.17	530.13	530.09	530.06	530.02
15.5000	529.99	529.96	529.92	529.88	529.85
16.0000	529.81	529.77	529.74	529.70	529.66
16.5000	529.63	529.59	529.56	529.52	529.49
17.0000	529.45	529.42	529.38	529.35	529.32
17.5000	529.29	529.26	529.23	529.20	529.17
18.0000	529.14	529.12	529.09	529.06	529.04
18.5000	529.01	528.99	528.96	528.94	528.91
19.0000	528.89	528.87	528.85	528.82	528.80
19.5000	528.78	528.76	528.74	528.72	528.70
20.0000	528.67	528.65	528.63	528.61	528.59
20.5000	528.57	528.55	528.53	528.51	528.49
21.0000	528.47	528.45	528.43	528.41	528.39
21.5000	528.37	528.35	528.33	528.32	528.30
22.0000	528.28	528.26	528.24	528.22	528.21

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .1000 hrs	Time on left represents time for first value in each row.			
.0000	522.00	522.00	522.00	522.00	522.00
.5000	522.00	522.00	522.00	522.00	522.00
1.0000	522.00	522.00	522.00	522.00	522.00
1.5000	522.00	522.00	522.00	522.00	522.00
2.0000	522.00	522.00	522.00	522.00	522.00
2.5000	522.00	522.00	522.00	522.00	522.00
3.0000	522.00	522.00	522.00	522.00	522.00
3.5000	522.00	522.00	522.00	522.00	522.00
4.0000	522.00	522.00	522.00	522.00	522.00
4.5000	522.00	522.00	522.00	522.00	522.00
5.0000	522.00	522.00	522.00	522.00	522.00
5.5000	522.00	522.00	522.00	522.00	522.00
6.0000	522.00	522.00	522.00	522.00	522.00
6.5000	522.00	522.00	522.00	522.00	522.00
7.0000	522.00	522.00	522.00	522.00	522.00
7.5000	522.00	522.00	522.00	522.00	522.00
8.0000	522.00	522.00	522.00	522.00	522.00
8.5000	522.00	522.00	522.01	522.01	522.01
9.0000	522.01	522.01	522.01	522.01	522.02
9.5000	522.02	522.02	522.02	522.02	522.03
10.0000	522.03	522.03	522.03	522.03	522.04
10.5000	522.04	522.04	522.04	522.04	522.05
11.0000	522.05	522.06	522.06	522.07	522.07
11.5000	522.08	522.09	522.10	522.12	522.16
12.0000	522.22	522.31	522.42	522.53	522.61
12.5000	522.66	522.70	522.72	522.74	522.76
13.0000	522.78	522.80	522.81	522.83	522.84
13.5000	522.35	522.87	522.88	522.88	522.89
14.0000	522.90	522.90	522.91	522.91	522.91
14.5000	522.91	522.91	522.91	522.91	522.91
15.0000	522.90	522.90	522.89	522.89	522.89
15.5000	522.38	522.87	522.87	522.86	522.86
16.0000	522.35	522.85	522.84	522.83	522.83
16.5000	522.32	522.81	522.81	522.80	522.79
17.0000	522.79	522.78	522.77	522.77	522.76
17.5000	522.75	522.75	522.74	522.73	522.73
18.0000	522.72	522.71	522.71	522.70	522.69
18.5000	522.69	522.68	522.67	522.67	522.66
19.0000	522.65	522.65	522.64	522.63	522.63
19.5000	522.62	522.62	522.61	522.61	522.60
20.0000	522.60	522.59	522.59	522.58	522.57
20.5000	522.57	522.56	522.56	522.55	522.55
21.0000	522.54	522.54	522.53	522.53	522.52
21.5000	522.52	522.51	522.51	522.51	522.50
22.0000	522.50	522.49	522.49	522.48	522.48

Type.... Time-Elev
Name.... SOUTH LAKE Tag: 15 Event: 15 yr
File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Storm... TypeII 24hr Tag: 15

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .1000 hrs Time on left represents time for first value in each row.				
.0000	522.00	522.00	522.00	522.00	522.00
.5000	522.00	522.00	522.00	522.00	522.00
1.0000	522.00	522.00	522.00	522.00	522.00
1.5000	522.00	522.00	522.00	522.00	522.00
2.0000	522.00	522.00	522.00	522.00	522.00
2.5000	522.00	522.00	522.00	522.00	522.00
3.0000	522.00	522.00	522.00	522.00	522.00
3.5000	522.00	522.00	522.00	522.00	522.00
4.0000	522.00	522.00	522.00	522.00	522.00
4.5000	522.00	522.00	522.00	522.00	522.00
5.0000	522.00	522.00	522.00	522.00	522.00
5.5000	522.00	522.00	522.00	522.00	522.00
6.0000	522.00	522.00	522.00	522.00	522.00
6.5000	522.00	522.00	522.01	522.01	522.01
7.0000	522.01	522.01	522.01	522.01	522.02
7.5000	522.02	522.02	522.02	522.02	522.03
8.0000	522.03	522.03	522.03	522.03	522.04
8.5000	522.04	522.04	522.04	522.04	522.04
9.0000	522.05	522.05	522.05	522.05	522.06
9.5000	522.06	522.07	522.07	522.07	522.08
10.0000	522.08	522.09	522.09	522.10	522.11
10.5000	522.11	522.12	522.13	522.14	522.15
11.0000	522.16	522.17	522.19	522.20	522.22
11.5000	522.23	522.25	522.27	522.31	522.38
12.0000	522.49	522.64	522.80	522.95	523.07
12.5000	523.14	523.19	523.23	523.28	523.32
13.0000	523.37	523.42	523.46	523.51	523.56
13.5000	523.61	523.65	523.68	523.71	523.72
14.0000	523.72	523.72	523.71	523.69	523.66
14.5000	523.64	523.61	523.59	523.56	523.54
15.0000	523.52	523.50	523.48	523.46	523.44
15.5000	523.42	523.40	523.38	523.36	523.34
16.0000	523.32	523.30	523.28	523.27	523.25
16.5000	523.23	523.21	523.19	523.18	523.16
17.0000	523.14	523.13	523.11	523.09	523.08
17.5000	523.07	523.05	523.04	523.02	523.01
18.0000	523.00	522.99	522.98	522.97	522.95
18.5000	522.94	522.93	522.93	522.92	522.91
19.0000	522.90	522.89	522.89	522.88	522.87
19.5000	522.86	522.86	522.85	522.84	522.84
20.0000	522.83	522.82	522.81	522.81	522.80
20.5000	522.79	522.79	522.78	522.77	522.76
21.0000	522.76	522.75	522.74	522.74	522.73
21.5000	522.73	522.72	522.71	522.71	522.70
22.0000	522.70	522.69	522.68	522.68	522.67

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .1000 hrs Time on left represents time for first value in each row.				
.0000	522.00	522.00	522.00	522.00	522.00
.5000	522.00	522.00	522.00	522.00	522.00
1.0000	522.00	522.00	522.00	522.00	522.00
1.5000	522.00	522.00	522.00	522.00	522.00
2.0000	522.00	522.00	522.00	522.00	522.00
2.5000	522.00	522.00	522.00	522.00	522.00
3.0000	522.00	522.00	522.00	522.00	522.00
3.5000	522.00	522.00	522.00	522.00	522.00
4.0000	522.00	522.00	522.00	522.00	522.00
4.5000	522.00	522.00	522.00	522.00	522.00
5.0000	522.00	522.00	522.00	522.00	522.00
5.5000	522.00	522.00	522.00	522.00	522.00
6.0000	522.00	522.00	522.00	522.01	522.01
6.5000	522.01	522.01	522.01	522.01	522.01
7.0000	522.02	522.02	522.02	522.02	522.02
7.5000	522.03	522.03	522.03	522.03	522.03
8.0000	522.04	522.04	522.04	522.04	522.04
8.5000	522.04	522.05	522.05	522.05	522.05
9.0000	522.06	522.06	522.07	522.07	522.07
9.5000	522.08	522.08	522.09	522.09	522.10
10.0000	522.11	522.11	522.12	522.13	522.14
10.5000	522.15	522.16	522.17	522.18	522.19
11.0000	522.20	522.22	522.23	522.25	522.26
11.5000	522.28	522.30	522.33	522.37	522.45
12.0000	522.57	522.73	522.92	523.08	523.20
12.5000	523.28	523.34	523.40	523.46	523.51
13.0000	523.58	523.66	523.76	523.86	523.94
13.5000	524.01	524.05	524.08	524.09	524.08
14.0000	524.06	524.02	523.98	523.94	523.89
14.5000	523.85	523.80	523.75	523.71	523.66
15.0000	523.63	523.60	523.57	523.54	523.52
15.5000	523.50	523.48	523.45	523.43	523.41
16.0000	523.39	523.37	523.35	523.33	523.32
16.5000	523.30	523.28	523.26	523.24	523.23
17.0000	523.21	523.19	523.17	523.16	523.14
17.5000	523.13	523.11	523.10	523.09	523.07
18.0000	523.06	523.05	523.03	523.02	523.01
18.5000	523.00	522.99	522.98	522.97	522.96
19.0000	522.95	522.94	522.93	522.92	522.91
19.5000	522.90	522.90	522.89	522.88	522.87
20.0000	522.87	522.86	522.85	522.85	522.84
20.5000	522.83	522.83	522.82	522.81	522.81
21.0000	522.80	522.80	522.79	522.78	522.78
21.5000	522.77	522.76	522.76	522.75	522.74
22.0000	522.74	522.73	522.73	522.72	522.72

TIME vs. ELEVATION (ft)

Time hrs	Output Time increment = .1000 hrs Time on left represents time for first value in each row.				
.0000	522.00	522.00	522.00	522.00	522.00
.5000	522.00	522.00	522.00	522.00	522.00
1.0000	522.00	522.00	522.00	522.00	522.00
1.5000	522.00	522.00	522.00	522.00	522.00
2.0000	522.00	522.00	522.00	522.00	522.00
2.5000	522.00	522.00	522.00	522.00	522.00
3.0000	522.00	522.00	522.00	522.00	522.00
3.5000	522.00	522.00	522.00	522.00	522.00
4.0000	522.00	522.00	522.00	522.00	522.00
4.5000	522.00	522.00	522.00	522.00	522.00
5.0000	522.00	522.00	522.00	522.00	522.01
5.5000	522.01	522.01	522.01	522.01	522.01
6.0000	522.02	522.02	522.02	522.02	522.02
6.5000	522.03	522.03	522.03	522.03	522.03
7.0000	522.04	522.04	522.04	522.04	522.04
7.5000	522.05	522.05	522.06	522.06	522.06
8.0000	522.07	522.07	522.08	522.08	522.08
8.5000	522.09	522.09	522.10	522.10	522.11
9.0000	522.12	522.13	522.13	522.14	522.15
9.5000	522.16	522.17	522.18	522.19	522.20
10.0000	522.21	522.22	522.23	522.24	522.25
10.5000	522.26	522.27	522.28	522.30	522.31
11.0000	522.33	522.34	522.36	522.38	522.41
11.5000	522.43	522.46	522.50	522.55	522.64
12.0000	522.80	523.01	523.24	523.45	523.62
12.5000	523.75	523.89	524.09	524.33	524.56
13.0000	524.71	524.82	524.88	524.91	524.91
13.5000	524.89	524.87	524.83	524.78	524.72
14.0000	524.66	524.61	524.54	524.47	524.39
14.5000	524.31	524.23	524.15	524.08	524.00
15.0000	523.94	523.88	523.83	523.78	523.73
15.5000	523.68	523.64	523.61	523.59	523.56
16.0000	523.54	523.52	523.50	523.48	523.46
16.5000	523.45	523.43	523.41	523.39	523.38
17.0000	523.36	523.35	523.33	523.31	523.30
17.5000	523.28	523.27	523.25	523.24	523.22
18.0000	523.21	523.20	523.18	523.17	523.16
18.5000	523.15	523.13	523.12	523.11	523.10
19.0000	523.09	523.08	523.06	523.05	523.04
19.5000	523.03	523.02	523.02	523.01	523.00
20.0000	522.99	522.98	522.97	522.96	522.95
20.5000	522.94	522.94	522.93	522.92	522.91
21.0000	522.91	522.90	522.90	522.89	522.89
21.5000	522.88	522.88	522.87	522.86	522.86
22.0000	522.85	522.85	522.84	522.84	522.83

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... EX. 64K LAKE VOLUME

POND VOLUME CALCULATIONS

Planimeter scale: 1.00 ft/in

Elevation (ft)	Planimeter (sq.in)	Area (acres)	A1+A2+sqr(A1*A2) (acres)	Volume (ac-ft)	Volume Sum (ac-ft)
550.40	.000	.0000	.0000	.000	.000
552.00	90440.000	2.0762	2.0762	1.107	1.107
554.00	112120.000	2.5739	6.9619	4.641	5.749
555.00	116870.000	2.6830	7.8848	2.628	8.377

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

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... KB LAKE VOLUME

POND VOLUME CALCULATIONS

Planimeter scale: 1.00 ft/in

Elevation (ft)	Planimeter (sq.in)	Area (acres)	A1+A2+sqr(A1*A2) (acres)	Volume (ac-ft)	Volume Sum (ac-ft)
526.00	108965.000	2.5015	.0000	.000	.000
532.00	139190.000	3.1954	8.5241	17.048	17.048

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

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... Southlake

POND VOLUME CALCULATIONS

Planimeter scale: 1.00 ft/in

Elevation (ft)	Planimeter (sq.in)	Area (acres)	A1+A2+sqr(A1*A2) (acres)	Volume (ac-ft)	Volume Sum (ac-ft)
521.00	26920.000	.6180	.0000	.000	.000
525.00	37645.000	.8642	2.2130	2.951	2.951
526.00	40410.000	.9277	2.6873	.896	3.846

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

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... EX. 64K LAKE OUTLET

REQUESTED POND WS ELEVATIONS:

Min. Elev.= 550.40 ft
Increment = .20 ft
Max. Elev.= 555.00 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	O1	--->	TW	550.400	555.000
TW SETUP, DS Channel					

File.... J:\06758\PONDPACK\DEVELOPED2-REV-2.PPW
Title... EX. 64K LAKE OUTLET

OUTLET STRUCTURE INPUT DATA

Structure ID	=	O1	
Structure Type	=	Culvert-Circular	
No. Barrels	=	1	
Barrel Diameter	=	1.2500	ft
Upstream Invert	=	550.40	ft
Dnstream Invert	=	534.00	ft
Horiz. Length	=	127.00	ft
Barrel Length	=	128.05	ft
Barrel Slope	=	.12913	ft/ft

OUTLET CONTROL DATA...

Mannings n	=	.0130	
Ke	=	.5000	(forward entrance loss)
Kb	=	.023225	(per ft of full flow)
Kr	=	.5000	(reverse entrance loss)
HW Convergence	=	.001	+/- ft

INLET CONTROL DATA...

Equation form	=	1	
Inlet Control K	=	.0098	
Inlet Control M	=	2.0000	
Inlet Control c	=	.03980	
Inlet Control Y	=	.6700	
T1 ratio (HW/D)	=	1.096	
T2 ratio (HW/D)	=	1.242	
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 = 551.77 ft ---> Flow = 4.80 cfs
At T2 Elev = 551.95 ft ---> Flow = 5.49 cfs

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... EX. 64K LAKE OUTLET

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

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... EX. 64K LAKE OUTLET

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

WS Elev, Total Q		Notes		
		Converge		
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
550.40	.00	Free Outfall		None contributing
550.60	.12	Free Outfall		O1
550.80	.46	Free Outfall		O1
551.00	.98	Free Outfall		O1
551.20	1.66	Free Outfall		O1
551.40	2.46	Free Outfall		O1
551.60	3.36	Free Outfall		O1
551.80	4.30	Free Outfall		O1
552.00	5.25	Free Outfall		O1
552.20	6.17	Free Outfall		O1
552.40	6.86	Free Outfall		O1
552.60	7.39	Free Outfall		O1
552.80	7.89	Free Outfall		O1
553.00	8.35	Free Outfall		O1
553.20	8.79	Free Outfall		O1
553.40	9.21	Free Outfall		O1
553.60	9.61	Free Outfall		O1
553.80	10.00	Free Outfall		O1
554.00	10.37	Free Outfall		O1
554.20	10.73	Free Outfall		O1
554.40	11.08	Free Outfall		O1
554.60	11.41	Free Outfall		O1
554.80	11.74	Free Outfall		O1
555.00	12.06	Free Outfall		O1

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

REQUESTED POND WS ELEVATIONS:

Min. Elev.= 526.00 ft
Increment = .20 ft
Max. Elev.= 532.00 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	30	<--->	TW	530.000	532.000
Weir-Rectangular		--->	TW	528.550	532.000
Weir-Rectangular	LW	<--->	TW	526.000	532.000

TW SETUP, DS Channel

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

OUTLET STRUCTURE INPUT DATA

Structure ID	= 30	
Structure Type	= Inlet Box	
# of Openings	= 1	
Invert Elev.	= 530.00	ft
Orifice Area	= 50.2600	sq.ft
Orifice Coeff.	= .600	
Weir Length	= 20.63	ft
Weir Coeff.	= 3.330	
K, Submerged	= .000	
K, Reverse	= 1.000	
Kb,Barrel	= .000000	(per ft of full flow)
Barrel Length	= .00	ft
Mannings n	= .0000	

Structure ID	=	
Structure Type	= Weir-Rectangular	
# of Openings	= 1	
Crest Elev.	= 528.55	ft
Weir Length	= 2.50	ft
Weir Coeff.	= 3.330000	

Weir TW effects (Use adjustment equation)

Structure ID	= LW	
Structure Type	= Weir-Rectangular	
# of Openings	= 1	
Crest Elev.	= 526.00	ft
Weir Length	= 2.00	ft
Weir Coeff.	= 3.330000	

Weir TW effects (Use adjustment equation)

Name.... KB-OUTLET

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	521.00	.000	LW
526.20	.58	521.00	.000	LW
526.40	1.62	521.00	.000	LW
526.60	2.91	521.00	.000	LW
526.80	4.38	521.00	.000	LW
527.00	5.99	521.00	.000	LW
527.20	7.70	521.00	.000	LW
527.40	9.49	521.00	.000	LW
527.60	11.32	521.00	.000	LW
527.80	13.19	521.00	.000	LW
528.00	15.07	521.00	.000	LW
528.20	16.95	521.00	.000	LW
528.40	18.82	521.00	.000	LW
528.55	20.20	521.00	.000	LW
528.60	20.75	521.00	.000	LW
528.80	23.49	521.00	.000	LW
529.00	26.65	521.00	.000	LW
529.20	30.06	521.00	.000	LW
529.40	33.64	521.00	.000	LW
529.60	37.32	521.00	.000	LW
529.80	41.06	521.00	.000	LW
530.00	44.82	521.00	.000	3O + +LW
530.20	54.71	521.00	.000	3O + +LW
530.40	69.65	521.00	.000	3O + +LW
530.60	87.84	521.00	.000	3O + +LW
530.80	108.61	521.00	.000	3O + +LW
531.00	131.60	521.00	.000	3O + +LW
531.20	156.51	521.00	.000	3O + +LW
531.40	183.17	521.00	.000	3O + +LW
531.60	211.39	521.00	.000	3O + +LW
531.80	241.07	521.00	.000	3O + +LW
532.00	272.08	521.00	.000	3O + +LW

File. . . . J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title. . . LAKE #3 OUTLET CONTROL STRUCTURE

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Elev. ft	Total Q, Q cfs	TW Elev ft	Converge Error +/-ft	Notes, Contributing Structures
526.00	.00	521.20	.000	LW
526.20	.58	521.20	.000	LW
526.40	1.62	521.20	.000	LW
526.60	2.91	521.20	.000	LW
526.80	4.38	521.20	.000	LW
527.00	5.99	521.20	.000	LW
527.20	7.70	521.20	.000	LW
527.40	9.49	521.20	.000	LW
527.60	11.32	521.20	.000	LW
527.80	13.19	521.20	.000	LW
528.00	15.07	521.20	.000	LW
528.20	16.95	521.20	.000	LW
528.40	18.82	521.20	.000	LW
528.55	20.20	521.20	.000	LW
528.60	20.75	521.20	.000	LW
528.80	23.49	521.20	.000	LW
529.00	26.65	521.20	.000	LW
529.20	30.06	521.20	.000	LW
529.40	33.64	521.20	.000	LW
529.60	37.32	521.20	.000	LW
529.80	41.06	521.20	.000	LW
530.00	44.82	521.20	.000	3O + +LW
530.20	54.71	521.20	.000	3O + +LW
530.40	69.65	521.20	.000	3O + +LW
530.60	87.84	521.20	.000	3O + +LW
530.80	108.61	521.20	.000	3O + +LW
531.00	131.60	521.20	.000	3O + +LW
531.20	156.51	521.20	.000	3O + +LW
531.40	183.17	521.20	.000	3O + +LW
531.60	211.39	521.20	.000	3O + +LW
531.80	241.07	521.20	.000	3O + +LW
532.00	272.08	521.20	.000	3O + +LW

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Notes		
		Converge		
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
526.00	.00	521.40	.000	LW
526.20	.58	521.40	.000	LW
526.40	1.62	521.40	.000	LW
526.60	2.91	521.40	.000	LW
526.80	4.38	521.40	.000	LW
527.00	5.99	521.40	.000	LW
527.20	7.70	521.40	.000	LW
527.40	9.49	521.40	.000	LW
527.60	11.32	521.40	.000	LW
527.80	13.19	521.40	.000	LW
528.00	15.07	521.40	.000	LW
528.20	16.95	521.40	.000	LW
528.40	18.82	521.40	.000	LW
528.55	20.20	521.40	.000	LW
528.60	20.75	521.40	.000	LW
528.80	23.49	521.40	.000	LW
529.00	26.65	521.40	.000	LW
529.20	30.06	521.40	.000	LW
529.40	33.64	521.40	.000	LW
529.60	37.32	521.40	.000	LW
529.80	41.06	521.40	.000	LW
530.00	44.82	521.40	.000	3O + +LW
530.20	54.71	521.40	.000	3O + +LW
530.40	69.65	521.40	.000	3O + +LW
530.60	87.84	521.40	.000	3O + +LW
530.80	108.61	521.40	.000	3O + +LW
531.00	131.60	521.40	.000	3O + +LW
531.20	156.51	521.40	.000	3O + +LW
531.40	183.17	521.40	.000	3O + +LW
531.60	211.39	521.40	.000	3O + +LW
531.80	241.07	521.40	.000	3O + +LW
532.00	272.08	521.40	.000	3O + +LW

File.... J:\06758\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	521.60	.000	LW
526.20	.58	521.60	.000	LW
526.40	1.62	521.60	.000	LW
526.60	2.91	521.60	.000	LW
526.80	4.38	521.60	.000	LW
527.00	5.99	521.60	.000	LW
527.20	7.70	521.60	.000	LW
527.40	9.49	521.60	.000	LW
527.60	11.32	521.60	.000	LW
527.80	13.19	521.60	.000	LW
528.00	15.07	521.60	.000	LW
528.20	16.95	521.60	.000	LW
528.40	18.82	521.60	.000	LW
528.55	20.20	521.60	.000	LW
528.60	20.75	521.60	.000	LW
528.80	23.49	521.60	.000	LW
529.00	26.65	521.60	.000	LW
529.20	30.06	521.60	.000	LW
529.40	33.64	521.60	.000	LW
529.60	37.32	521.60	.000	LW
529.80	41.06	521.60	.000	LW
530.00	44.82	521.60	.000	3O + +LW
530.20	54.71	521.60	.000	3O + +LW
530.40	69.65	521.60	.000	3O + +LW
530.60	87.84	521.60	.000	3O + +LW
530.80	108.61	521.60	.000	3O + +LW
531.00	131.60	521.60	.000	3O + +LW
531.20	156.51	521.60	.000	3O + +LW
531.40	183.17	521.60	.000	3O + +LW
531.60	211.39	521.60	.000	3O + +LW
531.80	241.07	521.60	.000	3O + +LW
532.00	272.08	521.60	.000	3O + +LW

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	521.80	.000	LW
526.20	.58	521.80	.000	LW
526.40	1.62	521.80	.000	LW
526.60	2.91	521.80	.000	LW
526.80	4.38	521.80	.000	LW
527.00	5.99	521.80	.000	LW
527.20	7.70	521.80	.000	LW
527.40	9.49	521.80	.000	LW
527.60	11.32	521.80	.000	LW
527.80	13.19	521.80	.000	LW
528.00	15.07	521.80	.000	LW
528.20	16.95	521.80	.000	LW
528.40	18.82	521.80	.000	LW
528.55	20.20	521.80	.000	LW
528.60	20.75	521.80	.000	LW
528.80	23.49	521.80	.000	LW
529.00	26.65	521.80	.000	LW
529.20	30.06	521.80	.000	LW
529.40	33.64	521.80	.000	LW
529.60	37.32	521.80	.000	LW
529.80	41.06	521.80	.000	LW
530.00	44.82	521.80	.000	3O + +LW
530.20	54.71	521.80	.000	3O - +LW
530.40	69.65	521.80	.000	3O + +LW
530.60	87.84	521.80	.000	3O - +LW
530.80	108.61	521.80	.000	3O + +LW
531.00	131.60	521.80	.000	3O + +LW
531.20	156.51	521.80	.000	3O - +LW
531.40	183.17	521.80	.000	3O + -LW
531.60	211.39	521.80	.000	3O + +LW
531.80	241.07	521.80	.000	3O + -LW
532.00	272.08	521.80	.000	3O + +LW

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	522.00	.000	LW
526.20	.58	522.00	.000	LW
526.40	1.62	522.00	.000	LW
526.60	2.91	522.00	.000	LW
526.80	4.38	522.00	.000	LW
527.00	5.99	522.00	.000	LW
527.20	7.70	522.00	.000	LW
527.40	9.49	522.00	.000	LW
527.60	11.32	522.00	.000	LW
527.80	13.19	522.00	.000	LW
528.00	15.07	522.00	.000	LW
528.20	16.95	522.00	.000	LW
528.40	18.82	522.00	.000	LW
528.55	20.20	522.00	.000	LW
528.60	20.75	522.00	.000	LW
528.80	23.49	522.00	.000	LW
529.00	26.65	522.00	.000	LW
529.20	30.06	522.00	.000	LW
529.40	33.64	522.00	.000	LW
529.60	37.32	522.00	.000	LW
529.80	41.06	522.00	.000	LW
530.00	44.82	522.00	.000	3O + +LW
530.20	54.71	522.00	.000	3O + +LW
530.40	69.65	522.00	.000	3O + +LW
530.60	87.84	522.00	.000	3O + +LW
530.80	108.61	522.00	.000	3O + +LW
531.00	131.60	522.00	.000	3O + +LW
531.20	156.51	522.00	.000	3O + +LW
531.40	183.17	522.00	.000	3O + +LW
531.60	211.39	522.00	.000	3O + +LW
531.80	241.07	522.00	.000	3O + +LW
532.00	272.08	522.00	.000	3O + +LW

File. . . . J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title. . . LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	522.20	.000	LW
526.20	.58	522.20	.000	LW
526.40	1.62	522.20	.000	LW
526.60	2.91	522.20	.000	LW
526.80	4.38	522.20	.000	LW
527.00	5.99	522.20	.000	LW
527.20	7.70	522.20	.000	LW
527.40	9.49	522.20	.000	LW
527.60	11.32	522.20	.000	LW
527.80	13.19	522.20	.000	LW
528.00	15.07	522.20	.000	LW
528.20	16.95	522.20	.000	LW
528.40	18.82	522.20	.000	LW
528.55	20.20	522.20	.000	LW
528.60	20.75	522.20	.000	LW
528.80	23.49	522.20	.000	LW
529.00	26.65	522.20	.000	LW
529.20	30.06	522.20	.000	LW
529.40	33.64	522.20	.000	LW
529.60	37.32	522.20	.000	LW
529.80	41.06	522.20	.000	LW
530.00	44.82	522.20	.000	3O + +LW
530.20	54.71	522.20	.000	3O + +LW
530.40	69.65	522.20	.000	3O + -LW
530.60	87.84	522.20	.000	3O + +LW
530.80	108.61	522.20	.000	3O + -LW
531.00	131.60	522.20	.000	3O + +LW
531.20	156.51	522.20	.000	3O + +LW
531.40	183.17	522.20	.000	3O + +LW
531.60	211.39	522.20	.000	3O + +LW
531.80	241.07	522.20	.000	3O + +LW
532.00	272.08	522.20	.000	3O + +LW

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	522.40	.000	LW
526.20	.58	522.40	.000	LW
526.40	1.62	522.40	.000	LW
526.60	2.91	522.40	.000	LW
526.80	4.38	522.40	.000	LW
527.00	5.99	522.40	.000	LW
527.20	7.70	522.40	.000	LW
527.40	9.49	522.40	.000	LW
527.60	11.32	522.40	.000	LW
527.80	13.19	522.40	.000	LW
528.00	15.07	522.40	.000	LW
528.20	16.95	522.40	.000	LW
528.40	18.82	522.40	.000	LW
528.55	20.20	522.40	.000	LW
528.60	20.75	522.40	.000	LW
528.80	23.49	522.40	.000	LW
529.00	26.65	522.40	.000	LW
529.20	30.06	522.40	.000	LW
529.40	33.64	522.40	.000	LW
529.60	37.32	522.40	.000	LW
529.80	41.06	522.40	.000	LW
530.00	44.82	522.40	.000	3O + +LW
530.20	54.71	522.40	.000	3O + +LW
530.40	69.65	522.40	.000	3O + +LW
530.60	87.84	522.40	.000	3O + +LW
530.80	108.61	522.40	.000	3O + +LW
531.00	131.60	522.40	.000	3O + +LW
531.20	156.51	522.40	.000	3O + +LW
531.40	183.17	522.40	.000	3O + +LW
531.60	211.39	522.40	.000	3O + +LW
531.80	241.07	522.40	.000	3O + +LW
532.00	272.08	522.40	.000	3O + +LW

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	522.60	.000	LW
526.20	.58	522.60	.000	LW
526.40	1.62	522.60	.000	LW
526.60	2.91	522.60	.000	LW
526.80	4.38	522.60	.000	LW
527.00	5.99	522.60	.000	LW
527.20	7.70	522.60	.000	LW
527.40	9.49	522.60	.000	LW
527.60	11.32	522.60	.000	LW
527.80	13.19	522.60	.000	LW
528.00	15.07	522.60	.000	LW
528.20	16.95	522.60	.000	LW
528.40	18.82	522.60	.000	LW
528.55	20.20	522.60	.000	LW
528.60	20.75	522.60	.000	LW
528.80	23.49	522.60	.000	LW
529.00	26.65	522.60	.000	LW
529.20	30.06	522.60	.000	LW
529.40	33.64	522.60	.000	LW
529.60	37.32	522.60	.000	LW
529.80	41.06	522.60	.000	LW
530.00	44.82	522.60	.000	3O + -LW
530.20	54.71	522.60	.000	3O + +LW
530.40	69.65	522.60	.000	3O + +LW
530.60	87.84	522.60	.000	3O + +LW
530.80	108.61	522.60	.000	3O + +LW
531.00	131.60	522.60	.000	3O + +LW
531.20	156.51	522.60	.000	3O + +LW
531.40	183.17	522.60	.000	3O - +LW
531.60	211.39	522.60	.000	3O + +LW
531.80	241.07	522.60	.000	3O - +LW
532.00	272.08	522.60	.000	3O + +LW

Type... Composite Rating Curve
Name.... KB-OUTLET

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	522.80	.000	LW
526.20	.58	522.80	.000	LW
526.40	1.62	522.80	.000	LW
526.60	2.91	522.80	.000	LW
526.80	4.38	522.80	.000	LW
527.00	5.99	522.80	.000	LW
527.20	7.70	522.80	.000	LW
527.40	9.49	522.80	.000	LW
527.60	11.32	522.80	.000	LW
527.80	13.19	522.80	.000	LW
528.00	15.07	522.80	.000	LW
528.20	16.95	522.80	.000	LW
528.40	18.82	522.80	.000	LW
528.55	20.20	522.80	.000	LW
528.60	20.75	522.80	.000	LW
528.80	23.49	522.80	.000	LW
529.00	26.65	522.80	.000	LW
529.20	30.06	522.80	.000	LW
529.40	33.64	522.80	.000	LW
529.60	37.32	522.80	.000	LW
529.80	41.06	522.80	.000	LW
530.00	44.82	522.80	.000	3O + +LW
530.20	54.71	522.80	.000	3O + +LW
530.40	69.65	522.80	.000	3O + +LW
530.60	87.84	522.80	.000	3O + +LW
530.80	108.61	522.80	.000	3O + +LW
531.00	131.60	522.80	.000	3O + +LW
531.20	156.51	522.80	.000	3O + +LW
531.40	183.17	522.80	.000	3O + +LW
531.60	211.39	522.80	.000	3O + +LW
531.80	241.07	522.80	.000	3O + +LW
532.00	272.08	522.80	.000	3O + +LW

Type.... Composite Rating Curve
Name.... KB-OUTLET

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	523.00	.000	LW
526.20	.58	523.00	.000	LW
526.40	1.62	523.00	.000	LW
526.60	2.91	523.00	.000	LW
526.80	4.38	523.00	.000	LW
527.00	5.99	523.00	.000	LW
527.20	7.70	523.00	.000	LW
527.40	9.49	523.00	.000	LW
527.60	11.32	523.00	.000	LW
527.80	13.19	523.00	.000	LW
528.00	15.07	523.00	.000	LW
528.20	16.95	523.00	.000	LW
528.40	18.82	523.00	.000	LW
528.55	20.20	523.00	.000	LW
528.60	20.75	523.00	.000	LW
528.80	23.49	523.00	.000	LW
529.00	26.65	523.00	.000	LW
529.20	30.06	523.00	.000	LW
529.40	33.64	523.00	.000	LW
529.60	37.32	523.00	.000	LW
529.80	41.06	523.00	.000	LW
530.00	44.82	523.00	.000	3O + +LW
530.20	54.71	523.00	.000	3O + +LW
530.40	69.65	523.00	.000	3O + +LW
530.60	87.84	523.00	.000	3O + +LW
530.80	108.61	523.00	.000	3O + +LW
531.00	131.60	523.00	.000	3O + +LW
531.20	156.51	523.00	.000	3O + +LW
531.40	183.17	523.00	.000	3O + +LW
531.60	211.39	523.00	.000	3O + +LW
531.80	241.07	523.00	.000	3O + +LW
532.00	272.08	523.00	.000	3O + +LW

Type.... Composite Rating Curve
Name.... KB-OUTLET

File.... C:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	523.20	.000	LW
526.20	.58	523.20	.000	LW
526.40	1.62	523.20	.000	LW
526.60	2.91	523.20	.000	LW
526.80	4.38	523.20	.000	LW
527.00	5.99	523.20	.000	LW
527.20	7.70	523.20	.000	LW
527.40	9.49	523.20	.000	LW
527.60	11.32	523.20	.000	LW
527.80	13.19	523.20	.000	LW
528.00	15.07	523.20	.000	LW
528.20	16.95	523.20	.000	LW
528.40	18.82	523.20	.000	LW
528.55	20.20	523.20	.000	LW
28.60	20.75	523.20	.000	LW
528.80	23.49	523.20	.000	LW
529.00	26.65	523.20	.000	LW
529.20	30.06	523.20	.000	LW
529.40	33.64	523.20	.000	LW
529.60	37.32	523.20	.000	LW
529.80	41.06	523.20	.000	LW
530.00	44.82	523.20	.000	3O + +LW
530.20	54.71	523.20	.000	3O + +LW
530.40	69.65	523.20	.000	3O + +LW
530.60	87.34	523.20	.000	3O + +LW
530.80	108.61	523.20	.000	3O + +LW
531.00	131.60	523.20	.000	3O + +LW
531.20	156.51	523.20	.000	3O + +LW
531.40	183.17	523.20	.000	3O + +LW
531.60	211.39	523.20	.000	3O + +LW
531.80	241.07	523.20	.000	3O + +LW
532.00	272.08	523.20	.000	3O + +LW

Type.... Composite Rating Curve
Name.... KB-OUTLET

File.... J:\06758\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	523.40	.000	LW
526.20	.58	523.40	.000	LW
526.40	1.62	523.40	.000	LW
526.60	2.91	523.40	.000	LW
526.80	4.38	523.40	.000	LW
527.00	5.99	523.40	.000	LW
527.20	7.70	523.40	.000	LW
527.40	9.49	523.40	.000	LW
527.60	11.32	523.40	.000	LW
527.80	13.19	523.40	.000	LW
528.00	15.07	523.40	.000	LW
528.20	16.95	523.40	.000	LW
528.40	18.82	523.40	.000	LW
528.55	20.20	523.40	.000	LW
528.60	20.75	523.40	.000	LW
528.80	23.49	523.40	.000	LW
529.00	26.65	523.40	.000	LW
529.20	30.06	523.40	.000	LW
529.40	33.64	523.40	.000	LW
529.60	37.32	523.40	.000	LW
529.80	41.06	523.40	.000	LW
530.00	44.82	523.40	.000	3O + +LW
530.20	54.71	523.40	.000	3O + +LW
530.40	69.65	523.40	.000	3O + +LW
530.60	87.84	523.40	.000	3O + +LW
530.80	108.61	523.40	.000	3O + +LW
531.00	131.60	523.40	.000	3O + +LW
531.20	156.51	523.40	.000	3O + +LW
531.40	183.17	523.40	.000	3O + +LW
531.60	211.39	523.40	.000	3O + +LW
531.80	241.07	523.40	.000	3O + +LW
532.00	272.08	523.40	.000	3O + +LW

Type.... Composite Rating Curve
Name.... KB-OUTLET

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	523.60	.000	LW
526.20	.58	523.60	.000	LW
526.40	1.62	523.60	.000	LW
526.60	2.91	523.60	.000	LW
526.80	4.38	523.60	.000	LW
527.00	5.99	523.60	.000	LW
527.20	7.70	523.60	.000	LW
527.40	9.49	523.60	.000	LW
527.60	11.32	523.60	.000	LW
527.80	13.19	523.60	.000	LW
528.00	15.07	523.60	.000	LW
528.20	16.95	523.60	.000	LW
528.40	18.82	523.60	.000	LW
528.55	20.20	523.60	.000	LW
528.60	20.75	523.60	.000	LW
528.80	23.49	523.60	.000	LW
529.00	26.65	523.60	.000	LW
529.20	30.06	523.60	.000	LW
529.40	33.64	523.60	.000	LW
529.60	37.32	523.60	.000	LW
529.80	41.06	523.60	.000	LW
530.00	44.82	523.60	.000	3O + +LW
530.20	54.71	523.60	.000	3O + +LW
530.40	69.65	523.60	.000	3O + +LW
530.60	87.84	523.60	.000	3O + +LW
530.80	108.61	523.60	.000	3O + +LW
531.00	131.50	523.60	.000	3O + +LW
531.20	156.51	523.60	.000	3O + +LW
531.40	183.17	523.60	.000	3O + +LW
531.60	211.39	523.60	.000	3O + +LW
531.80	241.07	523.60	.000	3O + +LW
532.00	272.08	523.60	.000	3O + +LW

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	523.80	.000	LW
526.20	.58	523.80	.000	LW
526.40	1.62	523.80	.000	LW
526.60	2.91	523.80	.000	LW
526.80	4.38	523.80	.000	LW
527.00	5.99	523.80	.000	LW
527.20	7.70	523.80	.000	LW
527.40	9.49	523.80	.000	LW
527.60	11.32	523.80	.000	LW
527.80	13.19	523.80	.000	LW
528.00	15.07	523.80	.000	LW
528.20	16.95	523.80	.000	LW
528.40	18.82	523.80	.000	LW
528.55	20.20	523.80	.000	LW
528.60	20.75	523.80	.000	LW
528.80	23.49	523.80	.000	LW
529.00	26.65	523.80	.000	LW
529.20	30.06	523.80	.000	LW
529.40	33.64	523.80	.000	LW
529.60	37.32	523.80	.000	LW
529.80	41.06	523.80	.000	LW
530.00	44.82	523.80	.000	3O + +LW
530.20	54.71	523.80	.000	3O + +LW
530.40	69.65	523.80	.000	3O + +LW
530.60	87.84	523.80	.000	3O + +LW
530.80	108.61	523.80	.000	3O + +LW
531.00	131.60	523.80	.000	3O + +LW
531.20	156.51	523.80	.000	3O + +LW
531.40	183.17	523.80	.000	3O + +LW
531.60	211.39	523.80	.000	3O + +LW
531.80	241.07	523.80	.000	3O + +LW
532.00	272.08	523.80	.000	3O + +LW

Type.... Composite Rating Curve
Name.... KB-OUTLET

File.... J:\0675E\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	524.00	.000	LW
526.20	.58	524.00	.000	LW
526.40	1.62	524.00	.000	LW
526.60	2.91	524.00	.000	LW
526.80	4.38	524.00	.000	LW
527.00	5.99	524.00	.000	LW
527.20	7.70	524.00	.000	LW
527.40	9.49	524.00	.000	LW
527.60	11.32	524.00	.000	LW
527.80	13.19	524.00	.000	LW
528.00	15.07	524.00	.000	LW
528.20	16.95	524.00	.000	LW
528.40	18.82	524.00	.000	LW
528.55	20.20	524.00	.000	LW
528.60	20.75	524.00	.000	LW
528.80	23.49	524.00	.000	LW
529.00	26.65	524.00	.000	LW
529.20	30.06	524.00	.000	LW
529.40	33.64	524.00	.000	LW
529.60	37.32	524.00	.000	LW
529.80	41.06	524.00	.000	LW
530.00	44.82	524.00	.000	3O + +LW
530.20	54.71	524.00	.000	3O + +LW
530.40	69.65	524.00	.000	3O + +LW
530.60	87.84	524.00	.000	3O + +LW
530.80	108.61	524.00	.000	3O + +LW
531.00	131.60	524.00	.000	3O + +LW
531.20	156.51	524.00	.000	3O + +LW
531.40	183.17	524.00	.000	3O + +LW
531.60	211.39	524.00	.000	3O + +LW
531.80	241.07	524.00	.000	3O + +LW
532.00	272.08	524.00	.000	3O + +LW

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Notes		
		Converge		
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
526.00	.00	524.20	.000	LW
526.20	.58	524.20	.000	LW
526.40	1.62	524.20	.000	LW
526.60	2.91	524.20	.000	LW
526.80	4.38	524.20	.000	LW
527.00	5.99	524.20	.000	LW
527.20	7.70	524.20	.000	LW
527.40	9.49	524.20	.000	LW
527.60	11.32	524.20	.000	LW
527.80	13.19	524.20	.000	LW
528.00	15.07	524.20	.000	LW
528.20	16.95	524.20	.000	LW
528.40	18.82	524.20	.000	LW
528.55	20.20	524.20	.000	LW
528.60	20.75	524.20	.000	LW
528.80	23.49	524.20	.000	LW
529.00	26.65	524.20	.000	LW
529.20	30.06	524.20	.000	LW
529.40	33.64	524.20	.000	LW
529.60	37.32	524.20	.000	LW
529.80	41.06	524.20	.000	LW
530.00	44.82	524.20	.000	3O + +LW
530.20	54.71	524.20	.000	3O + +LW
530.40	69.65	524.20	.000	3O + +LW
530.60	87.84	524.20	.000	3O + +LW
530.80	108.61	524.20	.000	3O + +LW
531.00	131.60	524.20	.000	3O + +LW
531.20	156.51	524.20	.000	3O + +LW
531.40	183.17	524.20	.000	3O + +LW
531.60	211.39	524.20	.000	3O + +LW
531.80	241.07	524.20	.000	3O + +LW
532.00	272.08	524.20	.000	3O + +LW

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	524.40	.000	LW
526.20	.58	524.40	.000	LW
526.40	1.62	524.40	.000	LW
526.60	2.91	524.40	.000	LW
526.80	4.38	524.40	.000	LW
527.00	5.99	524.40	.000	LW
527.20	7.70	524.40	.000	LW
527.40	9.49	524.40	.000	LW
527.60	11.32	524.40	.000	LW
527.80	13.19	524.40	.000	LW
528.00	15.07	524.40	.000	LW
528.20	16.95	524.40	.000	LW
528.40	18.82	524.40	.000	LW
528.55	20.20	524.40	.000	LW
528.60	20.75	524.40	.000	LW
528.80	23.49	524.40	.000	LW
529.00	26.65	524.40	.000	LW
529.20	30.06	524.40	.000	LW
529.40	33.64	524.40	.000	LW
529.60	37.32	524.40	.000	LW
529.80	41.06	524.40	.000	LW
530.00	44.82	524.40	.000	3O + +LW
530.20	54.71	524.40	.000	3O + +LW
530.40	69.65	524.40	.000	3O + +LW
530.60	87.84	524.40	.000	3O + +LW
530.80	108.61	524.40	.000	3O + +LW
531.00	131.60	524.40	.000	3O + +LW
531.20	156.51	524.40	.000	3O + +LW
531.40	183.17	524.40	.000	3O + +LW
531.60	211.39	524.40	.000	3O + +LW
531.80	241.07	524.40	.000	3O + +LW
532.00	272.08	524.40	.000	3O + +LW

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Notes		
		Converge		
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
526.00	.00	524.60	.000	LW
526.20	.58	524.60	.000	LW
526.40	1.62	524.60	.000	LW
526.60	2.91	524.60	.000	LW
526.80	4.38	524.60	.000	LW
527.00	5.99	524.60	.000	LW
527.20	7.70	524.60	.000	LW
527.40	9.49	524.60	.000	LW
527.60	11.32	524.60	.000	LW
527.80	13.19	524.60	.000	LW
528.00	15.07	524.60	.000	LW
528.20	16.95	524.60	.000	LW
528.40	18.82	524.60	.000	LW
528.55	20.20	524.60	.000	LW
528.60	20.75	524.60	.000	LW
528.80	23.49	524.60	.000	LW
529.00	26.65	524.60	.000	LW
529.20	30.06	524.60	.000	LW
529.40	33.64	524.60	.000	LW
529.60	37.32	524.60	.000	LW
529.80	41.06	524.60	.000	LW
530.00	44.82	524.60	.000	3O + +LW
530.20	54.71	524.60	.000	3O + +LW
530.40	69.65	524.60	.000	3O + +LW
530.60	87.34	524.60	.000	3O + +LW
530.80	108.61	524.60	.000	3O + +LW
531.00	131.60	524.60	.000	3O + +LW
531.20	156.51	524.60	.000	3O + +LW
531.40	183.17	524.60	.000	3O + +LW
531.60	211.39	524.60	.000	3O + +LW
531.80	241.07	524.60	.000	3O + +LW
532.00	272.08	524.60	.000	3O + +LW

Type.... Composite Rating Curve
Name.... KB-OUTLET

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Notes		
		Converge		
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
526.00	.00	524.80	.000	LW
526.20	.58	524.80	.000	LW
526.40	1.62	524.80	.000	LW
526.60	2.91	524.80	.000	LW
526.80	4.38	524.80	.000	LW
527.00	5.99	524.80	.000	LW
527.20	7.70	524.80	.000	LW
527.40	9.49	524.80	.000	LW
527.60	11.32	524.80	.000	LW
527.80	13.19	524.80	.000	LW
528.00	15.07	524.80	.000	LW
528.20	16.95	524.80	.000	LW
528.40	18.82	524.80	.000	LW
528.55	20.20	524.80	.000	LW
528.60	20.75	524.80	.000	LW
528.80	23.49	524.80	.000	LW
529.00	26.65	524.80	.000	LW
529.20	30.06	524.80	.000	LW
529.40	33.64	524.80	.000	LW
529.60	37.32	524.80	.000	LW
529.80	41.06	524.80	.000	LW
530.00	44.82	524.80	.000	3O + +LW
530.20	54.71	524.80	.000	3O + +LW
530.40	69.65	524.80	.000	3O + +LW
530.60	87.84	524.80	.000	3O + +LW
530.80	108.61	524.80	.000	3O + +LW
531.00	131.60	524.80	.000	3O + +LW
531.20	156.51	524.80	.000	3O + +LW
531.40	183.17	524.80	.000	3O + +LW
531.60	211.39	524.80	.000	3O + +LW
531.80	241.07	524.80	.000	3O + +LW
532.00	272.08	524.80	.000	3O + +LW

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	525.00	.000	LW
526.20	.58	525.00	.000	LW
526.40	1.62	525.00	.000	LW
526.60	2.91	525.00	.000	LW
526.80	4.38	525.00	.000	LW
527.00	5.99	525.00	.000	LW
527.20	7.70	525.00	.000	LW
527.40	9.49	525.00	.000	LW
527.60	11.32	525.00	.000	LW
527.80	13.19	525.00	.000	LW
528.00	15.07	525.00	.000	LW
528.20	16.95	525.00	.000	LW
528.40	18.82	525.00	.000	LW
528.55	20.20	525.00	.000	LW
528.60	20.75	525.00	.000	LW
528.80	23.49	525.00	.000	LW
529.00	26.65	525.00	.000	LW
529.20	30.06	525.00	.000	LW
529.40	33.64	525.00	.000	LW
529.60	37.32	525.00	.000	LW
529.80	41.06	525.00	.000	LW
530.00	44.82	525.00	.000	3O + +LW
530.20	54.71	525.00	.000	3O + +LW
530.40	69.65	525.00	.000	3O + +LW
530.60	87.84	525.00	.000	3O + +LW
530.80	108.61	525.00	.000	3O + +LW
531.00	131.60	525.00	.000	3O + +LW
531.20	156.51	525.00	.000	3O + +LW
531.40	183.17	525.00	.000	3O + +LW
531.60	211.39	525.00	.000	3O + +LW
531.80	241.07	525.00	.000	3O + +LW
532.00	272.08	525.00	.000	3O + +LW

Type.... Composite Rating Curve
Name.... KB-OUTLET

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	525.20	.000	LW
526.20	.58	525.20	.000	LW
526.40	1.62	525.20	.000	LW
526.60	2.91	525.20	.000	LW
526.80	4.38	525.20	.000	LW
527.00	5.99	525.20	.000	LW
527.20	7.70	525.20	.000	LW
527.40	9.49	525.20	.000	LW
527.60	11.32	525.20	.000	LW
527.80	13.19	525.20	.000	LW
528.00	15.07	525.20	.000	LW
528.20	16.95	525.20	.000	LW
528.40	18.82	525.20	.000	LW
528.55	20.20	525.20	.000	LW
528.60	20.75	525.20	.000	LW
528.80	23.49	525.20	.000	LW
529.00	26.65	525.20	.000	LW
529.20	30.06	525.20	.000	LW
529.40	33.64	525.20	.000	LW
529.60	37.32	525.20	.000	LW
529.80	41.06	525.20	.000	LW
530.00	44.82	525.20	.000	3O + +LW
530.20	54.71	525.20	.000	3O + +LW
530.40	69.65	525.20	.000	3O + +LW
530.60	87.84	525.20	.000	3O + +LW
530.80	108.61	525.20	.000	3O + +LW
531.00	131.60	525.20	.000	3O + +LW
531.20	156.51	525.20	.000	3O + +LW
531.40	183.17	525.20	.000	3O + +LW
531.60	211.39	525.20	.000	3O + +LW
531.80	241.07	525.20	.000	3O + +LW
532.00	272.08	525.20	.000	3O + +LW

Type.... Composite Rating Curve
Name.... KB-OUTLET

File.... J:\06755\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	525.40	.000	LW
526.20	.58	525.40	.000	LW
526.40	1.62	525.40	.000	LW
526.60	2.91	525.40	.000	LW
526.80	4.38	525.40	.000	LW
527.00	5.99	525.40	.000	LW
527.20	7.70	525.40	.000	LW
527.40	9.49	525.40	.000	LW
527.60	11.32	525.40	.000	LW
527.80	13.19	525.40	.000	LW
528.00	15.07	525.40	.000	LW
528.20	16.95	525.40	.000	LW
528.40	18.82	525.40	.000	LW
528.55	20.20	525.40	.000	LW
528.60	20.75	525.40	.000	LW
528.80	23.49	525.40	.000	LW
529.00	26.65	525.40	.000	LW
529.20	30.06	525.40	.000	LW
529.40	33.64	525.40	.000	LW
529.60	37.32	525.40	.000	LW
529.80	41.06	525.40	.000	LW
530.00	44.82	525.40	.000	3O + +LW
530.20	54.71	525.40	.000	3O + +LW
530.40	69.65	525.40	.000	3O + +LW
530.60	87.84	525.40	.000	3O + +LW
530.80	108.61	525.40	.000	3O + +LW
531.00	131.60	525.40	.000	3O + +LW
531.20	156.51	525.40	.000	3O + +LW
531.40	183.17	525.40	.000	3O + +LW
531.60	211.39	525.40	.000	3O + +LW
531.80	241.07	525.40	.000	3O + +LW
532.00	272.08	525.40	.000	3O + +LW

File.... J:\0675B\PONDPACK\DEVELOPED1-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	525.60	.000	LW
526.20	.58	525.60	.000	LW
526.40	1.62	525.60	.000	LW
526.60	2.91	525.60	.000	LW
526.80	4.38	525.60	.000	LW
527.00	5.99	525.60	.000	LW
527.20	7.70	525.60	.000	LW
527.40	9.49	525.60	.000	LW
527.60	11.32	525.60	.000	LW
527.80	13.19	525.60	.000	LW
528.00	15.07	525.60	.000	LW
528.20	16.95	525.60	.000	LW
528.40	18.82	525.60	.000	LW
528.55	20.20	525.60	.000	LW
528.60	20.75	525.60	.000	LW
528.80	23.49	525.60	.000	LW
529.00	26.65	525.60	.000	LW
529.20	30.06	525.60	.000	LW
529.40	33.64	525.60	.000	LW
529.60	37.32	525.60	.000	LW
529.80	41.06	525.60	.000	LW
530.00	44.82	525.60	.000	3O + +LW
530.20	54.71	525.60	.000	3O + +LW
530.40	69.65	525.60	.000	3O + +LW
530.60	87.84	525.60	.000	3O + +LW
530.80	108.61	525.60	.000	3O + +LW
531.00	131.60	525.60	.000	3O + +LW
531.20	156.51	525.60	.000	3O + +LW
531.40	183.17	525.60	.000	3O + +LW
531.60	211.39	525.60	.000	3O + +LW
531.80	241.07	525.60	.000	3O + +LW
532.00	272.08	525.60	.000	3O + +LW

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

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

CUMULATIVE HGL CONVERGENCE ERROR .000 (+/- ft)

WS Elev, Total Q		Notes		
		Converge		
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
526.00	.00	525.80	.000	LW
526.20	.58	525.80	.000	LW
526.40	1.62	525.80	.000	LW
526.60	2.91	525.80	.000	LW
526.80	4.38	525.80	.000	LW
527.00	5.99	525.80	.000	LW
527.20	7.70	525.80	.000	LW
527.40	9.49	525.80	.000	LW
527.60	11.32	525.80	.000	LW
527.80	13.19	525.80	.000	LW
528.00	15.07	525.80	.000	LW
528.20	16.95	525.80	.000	LW
528.40	18.82	525.80	.000	LW
528.55	20.20	525.80	.000	LW
528.60	20.75	525.80	.000	LW
528.80	23.49	525.80	.000	LW
529.00	26.65	525.80	.000	LW
529.20	30.06	525.80	.000	LW
529.40	33.64	525.80	.000	LW
529.60	37.32	525.80	.000	LW
529.80	41.06	525.80	.000	LW
530.00	44.82	525.80	.000	3O + +LW
530.20	54.71	525.80	.000	3O + +LW
530.40	69.65	525.80	.000	3O + +LW
530.60	87.84	525.80	.000	3O + +LW
530.80	108.61	525.80	.000	3O + +LW
531.00	131.60	525.80	.000	3O + +LW
531.20	156.51	525.80	.000	3O + +LW
531.40	183.17	525.80	.000	3O + +LW
531.60	211.39	525.80	.000	3O + +LW
531.80	241.07	525.80	.000	3O + +LW
532.00	272.08	525.80	.000	3O + +LW

Type.... Composite Rating Curve
Name.... KB-OUTLET

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... LAKE #3 OUTLET CONTROL STRUCTURE

***** 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
526.00	.00	526.00	.000	LW
526.20	.58	526.00	.000	LW
526.40	1.62	526.00	.000	LW
526.60	2.91	526.00	.000	LW
526.80	4.38	526.00	.000	LW
527.00	5.99	526.00	.000	LW
527.20	7.70	526.00	.000	LW
527.40	9.49	526.00	.000	LW
527.60	11.32	526.00	.000	LW
527.80	13.19	526.00	.000	LW
528.00	15.07	526.00	.000	LW
528.20	16.95	526.00	.000	LW
528.40	18.82	526.00	.000	LW
528.55	20.20	526.00	.000	LW
528.60	20.75	526.00	.000	LW
528.80	23.49	526.00	.000	LW
529.00	26.65	526.00	.000	LW
529.20	30.06	526.00	.000	LW
529.40	33.64	526.00	.000	LW
529.60	37.32	526.00	.000	LW
529.80	41.06	526.00	.000	LW
530.00	44.82	526.00	.000	3O + +LW
530.20	54.71	526.00	.000	3O + +LW
530.40	69.65	526.00	.000	3O + +LW
530.60	87.84	526.00	.000	3O + +LW
530.80	108.61	526.00	.000	3O + +LW
531.00	131.60	526.00	.000	3O + +LW
531.20	156.51	526.00	.000	3O + +LW
531.40	183.17	526.00	.000	3O + +LW
531.60	211.39	526.00	.000	3O + +LW
531.80	241.07	526.00	.000	3O + +LW
532.00	272.08	526.00	.000	3O + +LW

File.... J:\0675E\PONDPACK\DEVELOPED2-REV-2.PPW
Title... SOUTHLAKE CUTLET CONTROL STRUCTURE

REQUESTED POND WS ELEVATIONS:

Min. Elev.= 521.00 ft
Increment = .20 ft
Max. Elev.= 526.00 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	30	--->	TW	524.500	526.000
Weir-Rectangular	LW	--->	TW	522.000	526.000

TW SETUP, DS Channel

File.... J:\0675E\PONDPACK\DEVELOPED2-REV-2.PPW
Title... SOUTHLAKE OUTLET CONTROL STRUCTURE

OUTLET STRUCTURE INPUT DATA

Structure ID = 3O
Structure Type = Inlet Box

# of Openings = 1
Invert Elev. = 524.50 ft
Orifice Area = 50.2600 sq.ft
Orifice Coeff. = .600
Weir Length = 17.63 ft
Weir Coeff. = 3.330
K, Submerged = .000
K, Reverse = 1.000
Kb,Barrel = .000000 (per ft of full flow)
Barrel Length = .00 ft
Mannings n = .0000

Structure ID = LW
Structure Type = Weir-Rectangular

# of Openings = 1
Crest Elev. = 522.00 ft
Weir Length = 7.50 ft
Weir Coeff. = 3.330000

Weir TW effects (Use adjustment equation)

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

FREE OUTFALL CONDITIONS SPECIFIED

CONVERGENCE TOLERANCES...
Maximum Iterations= 10
Min. TW tolerance = .01 ft
Max. TW tolerance = .01 ft
Min. HW tolerance = .01 ft
Max. HW tolerance = .01 ft
Min. Q tolerance = 100.00 cfs
Max. Q tolerance = 100.00 cfs

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... SOUTHLAKE OUTLET CONTROL STRUCTURE

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = 30 (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
521.00	.00	Free Outfall		HW & TW < Inv.El.=524.500
521.20	.00	Free Outfall		HW & TW < Inv.El.=524.500
521.40	.00	Free Outfall		HW & TW < Inv.El.=524.500
521.60	.00	Free Outfall		HW & TW < Inv.El.=524.500
521.80	.00	Free Outfall		HW & TW < Inv.El.=524.500
522.00	.00	Free Outfall		HW & TW < Inv.El.=524.500
522.20	.00	Free Outfall		HW & TW < Inv.El.=524.500
522.40	.00	Free Outfall		HW & TW < Inv.El.=524.500
522.60	.00	Free Outfall		HW & TW < Inv.El.=524.500
522.80	.00	Free Outfall		HW & TW < Inv.El.=524.500
523.00	.00	Free Outfall		HW & TW < Inv.El.=524.500
523.20	.00	Free Outfall		HW & TW < Inv.El.=524.500
523.40	.00	Free Outfall		HW & TW < Inv.El.=524.500
523.60	.00	Free Outfall		HW & TW < Inv.El.=524.500
523.80	.00	Free Outfall		HW & TW < Inv.El.=524.500
524.00	.00	Free Outfall		HW & TW < Inv.El.=524.500
524.20	.00	Free Outfall		HW & TW < Inv.El.=524.500
524.40	.00	Free Outfall		HW & TW < Inv.El.=524.500
524.50	.00	Free Outfall		Weir: H =.00
524.60	1.86	Free Outfall		Weir: H =.10
524.80	9.65	Free Outfall		Weir: H =.30
525.00	20.76	Free Outfall		Weir: H =.50
525.20	34.38	Free Outfall		Weir: H =.70
525.40	50.13	Free Outfall		Weir: H =.90
525.60	67.73	Free Outfall		Weir: H =1.10
525.80	87.02	Free Outfall		Weir: H =1.30
526.00	107.85	Free Outfall		Weir: H =1.50

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... SOUTHLAKE OUTLET CONTROL STRUCTURE

RATING TABLE FOR ONE OUTLET TYPE

Structure ID = LW (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	Computation Messages
521.00	.00	Free Outfall		HW & TW below Inv.El.=522.000
521.20	.00	Free Outfall		HW & TW below Inv.El.=522.000
521.40	.00	Free Outfall		HW & TW below Inv.El.=522.000
521.60	.00	Free Outfall		HW & TW below Inv.El.=522.000
521.80	.00	Free Outfall		HW & TW below Inv.El.=522.000
522.00	.00	Free Outfall		H=.00; Htw=.00; Qfree=.00;
522.20	2.22	Free Outfall		H=.20; Htw=.00; Qfree=2.22;
522.40	6.25	Free Outfall		H=.40; Htw=.00; Qfree=6.25;
522.60	11.42	Free Outfall		H=.60; Htw=.00; Qfree=11.42;
522.80	17.49	Free Outfall		H=.80; Htw=.00; Qfree=17.49;
523.00	24.31	Free Outfall		H=1.00; Htw=.00; Qfree=24.31;
523.20	31.78	Free Outfall		H=1.20; Htw=.00; Qfree=31.78;
523.40	39.83	Free Outfall		H=1.40; Htw=.00; Qfree=39.83;
523.60	48.39	Free Outfall		H=1.60; Htw=.00; Qfree=48.39;
523.80	57.42	Free Outfall		H=1.80; Htw=.00; Qfree=57.42;
524.00	66.87	Free Outfall		H=2.00; Htw=.00; Qfree=66.87;
524.20	76.72	Free Outfall		H=2.20; Htw=.00; Qfree=76.72;
524.40	86.92	Free Outfall		H=2.40; Htw=.00; Qfree=86.92;
524.50	92.14	Free Outfall		H=2.50; Htw=.00; Qfree=92.14;
524.60	97.44	Free Outfall		H=2.60; Htw=.00; Qfree=97.44;
524.80	108.28	Free Outfall		H=2.80; Htw=.00; Qfree=108.28;
525.00	119.39	Free Outfall		H=3.00; Htw=.00; Qfree=119.39;
525.20	130.77	Free Outfall		H=3.20; Htw=.00; Qfree=130.77;
525.40	142.38	Free Outfall		H=3.40; Htw=.00; Qfree=142.38;
525.60	154.21	Free Outfall		H=3.60; Htw=.00; Qfree=154.21;
525.80	166.26	Free Outfall		H=3.80; Htw=.00; Qfree=166.26;
526.00	178.49	Free Outfall		H=4.00; Htw=.00; Qfree=178.49;

File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Title... SOUTHLAKE OUTLET CONTROL STRUCTURE

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

WS Elev, Total Q		Converge		Notes
Elev. ft	Q cfs	TW Elev ft	Error +/-ft	Contributing Structures
521.00	.00	Free Outfall		None contributing
521.20	.00	Free Outfall		None contributing
521.40	.00	Free Outfall		None contributing
521.60	.00	Free Outfall		None contributing
521.80	.00	Free Outfall		None contributing
522.00	.00	Free Outfall		LW
522.20	2.22	Free Outfall		LW
522.40	6.25	Free Outfall		LW
522.60	11.42	Free Outfall		LW
522.80	17.49	Free Outfall		LW
523.00	24.31	Free Outfall		LW
523.20	31.78	Free Outfall		LW
523.40	39.83	Free Outfall		LW
523.60	48.39	Free Outfall		LW
523.80	57.42	Free Outfall		LW
524.00	66.87	Free Outfall		LW
524.20	76.72	Free Outfall		LW
524.40	86.92	Free Outfall		LW
524.50	92.14	Free Outfall		30 +LW
524.60	99.30	Free Outfall		30 +LW
524.80	117.92	Free Outfall		30 +LW
525.00	140.15	Free Outfall		30 +LW
525.20	165.15	Free Outfall		30 +LW
525.40	192.51	Free Outfall		30 +LW
525.60	221.94	Free Outfall		30 +LW
525.80	253.27	Free Outfall		30 +LW
526.00	286.34	Free Outfall		30 +LW

Type.... Pond E-V-Q Table
Name.... EX LAKE #1
File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW

LEVEL POOL ROUTING DATA

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = PERSIMMO.HYG - EX LAKE #1 IN 2
Outflow HYG file = PERSIMMO.HYG - EX LAKE #1 OUT 2

Pond Node Data = EX LAKE #1
Pond Volume Data = EX-LAKE
Pond Outlet Data = EX-ROUTE

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	550.40 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.1000 hrs

Elevation ft	Outflow cfs	Storage ac-ft	Area acres	Infilt. cfs	Q Total cfs	2S/t + O cfs
550.40	.00	.000	.0000	.00	.00	.00
550.60	.12	.002	.0324	.00	.12	.64
550.80	.46	.017	.1298	.00	.46	4.64
551.00	.98	.058	.2920	.00	.98	15.11
551.20	1.66	.138	.5191	.00	1.66	35.15
551.40	2.46	.270	.8110	.00	2.46	67.89
551.60	3.36	.467	1.1679	.00	3.36	116.42
551.80	4.30	.742	1.5897	.00	4.30	183.83
552.00	5.25	1.107	2.0762	.00	5.25	273.22
552.20	6.17	1.527	2.1236	.00	6.17	375.78
552.40	6.86	1.957	2.1715	.00	6.86	480.41
552.60	7.39	2.396	2.2199	.00	7.39	587.22
552.80	7.89	2.845	2.2689	.00	7.89	696.35
553.00	8.35	3.303	2.3184	.00	8.35	807.80
553.20	8.79	3.772	2.3684	.00	8.79	921.66
553.40	9.21	4.251	2.4190	.00	9.21	1037.95
553.60	9.61	4.740	2.4701	.00	9.61	1156.67
553.80	10.00	5.239	2.5218	.00	10.00	1277.86
554.00	10.37	5.749	2.5739	.00	10.37	1401.52
554.20	10.73	6.266	2.5956	.00	10.73	1526.99
554.40	11.08	6.787	2.6173	.00	11.08	1653.49
554.60	11.41	7.312	2.6391	.00	11.41	1781.04
554.80	11.74	7.843	2.6610	.00	11.74	1909.63
555.00	12.06	8.377	2.6830	.00	12.06	2039.24

Type.... Pond Routing Summary
Name.... EX LAKE #1 OUT Tag: 2
File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Storm... TypeII 24hr Tag: 2

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = PERSIMMO.HYG - EX LAKE #1 IN 2
Outflow HYG file = PERSIMMO.HYG - EX LAKE #1 OUT 2

Pond Node Data = EX LAKE #1
Pond Volume Data = EX-LAKE
Pond Outlet Data = EX-ROUTE

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	550.40 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.1000 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	8.80 cfs	at	12.4000 hrs
Peak Outflow	=	2.94 cfs	at	13.2000 hrs
Peak Elevation	=	551.51 ft		
Peak Storage	=	.366 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	1.301
- Infiltration	=	.000
- HYG Vol OUT	=	1.301
- Retained Vol	=	.000
Unrouted Vol	=	-.000 ac-ft (.003% of Inflow Volume)

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DETENTION TIMES SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = PERSIMMO.HYG - EX LAKE #1 IN 2
Outflow HYG file = PERSIMMO.HYG - EX LAKE #1 OUT 2

Pond Node Data = EX LAKE #1
Pond Volume Data = EX-LAKE
Pond Outlet Data = EX-ROUTE

No Infiltration

APPROXIMATE DETENTION TIME

Tp, Outflow + Infilt.	=	13.2000	hrs
Tp, Total Inflow	=	12.4000	hrs
Peak to Peak	=	.8000	hrs
Qout+Infilt. Centroid	=	16.1567	hrs
Inflow Centroid	=	15.0841	hrs
Centroid to Centroid	=	1.0726	hrs
Weighted Avg. Plug Time	=	1.1013	hrs
Max.Plug Vol. Plug Time	=	.8805	hrs
Max.Inflow Plug Volume	=	.072	ac-ft (From 12.3000 to 12.4000 hrs)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = EX LAKE #1 OUT
HYG Tag = 2

Peak Discharge =	2.94 cfs
Time to Peak =	13.2000 hrs
HYG Volume =	1.301 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
11.5000	.00	.00	.01	.07	.19
12.0000	.47	.80	1.22	1.68	2.02
12.5000	2.34	2.56	2.71	2.81	2.87
13.0000	2.91	2.93	2.94	2.93	2.91
13.5000	2.88	2.85	2.82	2.78	2.74
14.0000	2.70	2.65	2.61	2.56	2.51
14.5000	2.47	2.41	2.35	2.29	2.23
15.0000	2.17	2.12	2.07	2.01	1.96
15.5000	1.92	1.87	1.82	1.78	1.74
16.0000	1.70	1.65	1.60	1.55	1.50
16.5000	1.45	1.40	1.36	1.32	1.28
17.0000	1.24	1.21	1.18	1.14	1.11
17.5000	1.09	1.06	1.03	1.01	.99
18.0000	.96	.93	.90	.87	.85
18.5000	.83	.80	.79	.77	.75
19.0000	.73	.72	.70	.69	.68
19.5000	.66	.65	.64	.63	.62
20.0000	.60	.59	.58	.57	.56
20.5000	.55	.55	.54	.53	.52
21.0000	.51	.51	.50	.50	.49
21.5000	.49	.48	.48	.47	.47
22.0000	.47	.46	.46	.46	.46
22.5000	.45	.45	.45	.44	.44
23.0000	.44	.43	.43	.43	.43
23.5000	.43	.42	.42	.42	.42
24.0000	.42	.42	.41	.40	.38
24.5000	.36	.33	.30	.26	.23
25.0000	.20	.17	.14	.12	.09
25.5000	.06	.04	.03	.02	.01
26.0000	.01	.01	.00	.00	

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = PERSIMMO.HYG - EX LAKE #1 IN 15
Outflow HYG file = PERSIMMO.HYG - EX LAKE #1 OUT 15

Pond Node Data = EX LAKE #1
Pond Volume Data = EX-LAKE
Pond Outlet Data = EX-ROUTE

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	550.40 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.1000 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	22.78 cfs	at	12.3000 hrs
Peak Outflow	=	5.34 cfs	at	13.3000 hrs
Peak Elevation	=	552.02 ft		
Peak Storage	=	1.146 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	2.975
- Infiltration	=	.000
- HYG Vol OUT	=	2.975
- Retained Vol	=	.000
Unrouted Vol	=	-.000 ac-ft (.001% of Inflow Volume)

DETENTION TIMES SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = PERSIMMO.HYG - EX LAKE #1 IN 15
Outflow HYG file = PERSIMMO.HYG - EX LAKE #1 OUT 15

Pond Node Data = EX LAKE #1
Pond Volume Data = EX-LAKE
Pond Outlet Data = EX-ROUTE

No Infiltration

APPROXIMATE DETENTION TIME

Tp, Outflow + Infilt.	=	13.3000	hrs
Tp, Total Inflow	=	12.3000	hrs
Peak to Peak	=	1.0000	hrs
Qout+Infilt. Centroid	=	16.4677	hrs
Inflow Centroid	=	14.6381	hrs
Centroid to Centroid	=	1.8296	hrs
Weighted Avg. Plug Time	=	1.8851	hrs
Max.Plug Vol. Plug Time	=	1.4957	hrs
Max.Inflow Plug Volume	=	.186	ac-ft

(From 12.3000 to 12.4000 hrs)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = EX LAKE #1 OUT
HYG Tag = 15

Peak Discharge =	5.34 cfs
Time to Peak =	13.3000 hrs
HYG Volume =	2.975 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
10.3000	.00	.00	.00	.01	.02
10.8000	.03	.05	.09	.12	.15
11.3000	.18	.23	.29	.38	.49
11.8000	.63	.94	1.37	1.99	2.69
12.3000	3.38	3.92	4.38	4.68	4.91
12.8000	5.07	5.19	5.26	5.31	5.33
13.3000	5.34	5.34	5.33	5.31	5.28
13.8000	5.25	5.21	5.17	5.13	5.08
14.3000	5.03	4.98	4.92	4.87	4.81
14.8000	4.76	4.71	4.65	4.60	4.54
15.3000	4.49	4.44	4.38	4.33	4.27
15.8000	4.20	4.13	4.07	4.00	3.93
16.3000	3.87	3.81	3.74	3.68	3.62
16.8000	3.56	3.50	3.44	3.38	3.32
17.3000	3.25	3.18	3.11	3.05	2.98
17.8000	2.92	2.86	2.80	2.74	2.69
18.3000	2.63	2.58	2.53	2.48	2.42
18.8000	2.36	2.30	2.24	2.19	2.13
19.3000	2.08	2.03	1.98	1.94	1.89
19.8000	1.85	1.80	1.76	1.72	1.68
20.3000	1.64	1.59	1.55	1.50	1.46
20.8000	1.42	1.38	1.35	1.31	1.28
21.3000	1.25	1.23	1.20	1.18	1.15
21.8000	1.13	1.11	1.09	1.07	1.06
22.3000	1.04	1.03	1.01	1.00	.98
22.8000	.97	.95	.94	.92	.91
23.3000	.90	.89	.88	.87	.86
23.8000	.85	.84	.84	.83	.82
24.3000	.80	.78	.75	.71	.66
24.8000	.61	.56	.51	.47	.41
25.3000	.34	.29	.24	.20	.17
25.8000	.14	.12	.08	.05	.03
26.3000	.02	.01	.01	.01	.00
26.8000	.00				

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = PERSIMMO.HYG - EX LAKE #1 IN 25
Outflow HYG file = PERSIMMO.HYG - EX LAKE #1 OUT 25

Pond Node Data = EX LAKE #1
Pond Volume Data = EX-LAKE
Pond Outlet Data = EX-ROUTE

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	550.40 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.1000 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	27.46 cfs	at	12.3000 hrs
Peak Outflow	=	5.95 cfs	at	13.3000 hrs
Peak Elevation	=	552.15 ft		
Peak Storage	=	1.426 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	3.530
- Infiltration	=	.000
- HYG Vol OUT	=	3.530
- Retained Vol	=	.000
Unrouted Vol	=	-.000 ac-ft (.002% of Inflow Volume)

Type.... Detention Time
Name.... EX LAKE #1 OUT Tag: 25
File.... J:\0675B\PONDPACK\DEVELOPED2-REV-2.PPW
Storm... TypeII 24hr Tag: 25
Event: 25 yr

DETENTION TIMES SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = PERSIMMO.HYG - EX LAKE #1 IN 25
Outflow HYG file = PERSIMMO.HYG - EX LAKE #1 OUT 25

Pond Node Data = EX LAKE #1
Pond Volume Data = EX-LAKE
Pond Outlet Data = EX-ROUTE

No Infiltration

APPROXIMATE DETENTION TIME

Tp, Outflow + Infilt.	=	13.4000 hrs	
Tp, Total Inflow	=	12.3000 hrs	
Peak to Peak	=	1.1000 hrs	
Qout+Infilt. Centroid	=	16.6020 hrs	
Inflow Centroid	=	14.5532 hrs	
Centroid to Centroid	=	2.0488 hrs	
Weighted Avg. Plug Time	=	2.1116 hrs	
Max.Plug Vol. Plug Time	=	1.6730 hrs	
Max.Inflow Plug Volume	=	.224 ac-ft	(From 12.3000 to 12.4000 hrs)

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POND ROUTED TOTAL OUTFLOW HYG...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = EX LAKE #1 OUT
HYG Tag = 25

Peak Discharge = 5.95 cfs
Time to Peak = 13.3000 hrs
HYG Volume = 3.530 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
9.9000	.00	.00	.00	.01	.01
10.4000	.03	.04	.07	.10	.13
10.9000	.15	.18	.22	.28	.34
11.4000	.41	.49	.56	.67	.87
11.9000	1.17	1.69	2.36	3.10	3.81
12.4000	4.42	4.87	5.23	5.47	5.64
12.9000	5.76	5.85	5.90	5.94	5.95
13.4000	5.95	5.94	5.93	5.90	5.87
13.9000	5.84	5.80	5.76	5.72	5.67
14.4000	5.62	5.57	5.52	5.47	5.42
14.9000	5.37	5.32	5.27	5.21	5.15
15.4000	5.08	5.02	4.96	4.90	4.84
15.9000	4.78	4.72	4.66	4.61	4.55
16.4000	4.49	4.43	4.37	4.32	4.25
16.9000	4.18	4.10	4.04	3.97	3.90
17.4000	3.84	3.77	3.71	3.65	3.59
17.9000	3.53	3.47	3.41	3.36	3.29
18.4000	3.22	3.15	3.08	3.02	2.96
18.9000	2.89	2.83	2.78	2.72	2.67
19.4000	2.61	2.56	2.51	2.46	2.39
19.9000	2.33	2.27	2.21	2.16	2.10
20.4000	2.05	2.00	1.95	1.90	1.86
20.9000	1.82	1.78	1.74	1.70	1.66
21.4000	1.62	1.57	1.53	1.49	1.46
21.9000	1.42	1.39	1.36	1.33	1.31
22.4000	1.28	1.26	1.23	1.21	1.19
22.9000	1.18	1.16	1.14	1.12	1.11
23.4000	1.10	1.08	1.07	1.06	1.05
23.9000	1.03	1.02	1.01	1.00	.99
24.4000	.95	.91	.86	.80	.74
24.9000	.68	.62	.57	.51	.47
25.4000	.40	.33	.28	.23	.19
25.9000	.16	.13	.11	.07	.04
26.4000	.03	.02	.01	.01	.00
26.9000	.00				

LEVEL POOL ROUTING SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = PERSIMMO.HYG - EX LAKE #1 IN 100
Outflow HYG file = PERSIMMO.HYG - EX LAKE #1 OUT 100

Pond Node Data = EX LAKE #1
Pond Volume Data = EX-LAKE
Pond Outlet Data = EX-ROUTE

No Infiltration

INITIAL CONDITIONS

Starting WS Elev	=	550.40 ft
Starting Volume	=	.000 ac-ft
Starting Outflow	=	.00 cfs
Starting Infiltr.	=	.00 cfs
Starting Total Qout	=	.00 cfs
Time Increment	=	.1000 hrs

INFLOW/OUTFLOW HYDROGRAPH SUMMARY

Peak Inflow	=	42.35 cfs	at	12.3000 hrs
Peak Outflow	=	7.38 cfs	at	13.5000 hrs
Peak Elevation	=	552.60 ft		
Peak Storage	=	2.387 ac-ft		

MASS BALANCE (ac-ft)

+ Initial Vol	=	.000
+ HYG Vol IN	=	5.308
- Infiltration	=	.000
- HYG Vol OUT	=	5.308
- Retained Vol	=	.000
Unrouted Vol	=	-.000 ac-ft (.001% of Inflow Volume)

DETENTION TIMES SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = PERSIMMO.HYG - EX LAKE #1 IN 100
Outflow HYG file = PERSIMMO.HYG - EX LAKE #1 OUT 100

Pond Node Data = EX LAKE #1
Pond Volume Data = EX-LAKE
Pond Outlet Data = EX-ROUTE

No Infiltration

APPROXIMATE DETENTION TIME

Tp, Outflow + Infilt.	=	13.5000	hrs
Tp, Total Inflow	=	12.3000	hrs
Peak to Peak	=	1.2000	hrs
Qout+Infilt. Centroid	=	17.0798	hrs
Inflow Centroid	=	14.3554	hrs
Centroid to Centroid	=	2.7243	hrs
Weighted Avg. Plug Time	=	2.8093	hrs
Max.Plug Vol. Plug Time	=	2.2352	hrs
Max.Inflow Plug Volume	=	.344	ac-ft (From 12.3000 to 12.4000 hrs)

POND ROUTED TOTAL OUTFLOW HYG...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = EX LAKE #1 OUT
HYG Tag = 100

Peak Discharge =	7.38 cfs
Time to Peak =	13.5000 hrs
HYG Volume =	5.308 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
8.8000	.00	.00	.00	.01	.01
9.3000	.03	.04	.06	.09	.12
9.8000	.13	.15	.17	.20	.23
10.3000	.27	.31	.35	.40	.46
10.8000	.50	.55	.61	.67	.75
11.3000	.84	.95	1.04	1.15	1.31
11.8000	1.56	1.94	2.56	3.38	4.24
12.3000	5.03	5.72	6.27	6.63	6.89
12.8000	7.04	7.16	7.24	7.30	7.34
13.3000	7.36	7.37	7.38	7.38	7.37
13.8000	7.36	7.34	7.32	7.30	7.27
14.3000	7.24	7.21	7.18	7.15	7.11
14.8000	7.08	7.04	7.01	6.97	6.94
15.3000	6.90	6.86	6.82	6.77	6.72
15.8000	6.67	6.62	6.57	6.52	6.47
16.3000	6.41	6.36	6.31	6.26	6.21
16.8000	6.15	6.08	6.02	5.95	5.88
17.3000	5.82	5.75	5.69	5.62	5.56
17.8000	5.50	5.44	5.38	5.32	5.26
18.3000	5.19	5.12	5.05	4.98	4.91
18.8000	4.85	4.78	4.72	4.66	4.59
19.3000	4.53	4.47	4.41	4.35	4.29
19.8000	4.22	4.14	4.07	4.00	3.93
20.3000	3.86	3.79	3.72	3.66	3.60
20.8000	3.53	3.47	3.41	3.36	3.28
21.3000	3.21	3.14	3.07	3.01	2.95
21.8000	2.89	2.83	2.77	2.72	2.67
22.3000	2.61	2.57	2.52	2.47	2.42
22.8000	2.36	2.31	2.25	2.21	2.16
23.3000	2.11	2.07	2.03	1.99	1.95
23.8000	1.92	1.88	1.85	1.82	1.78
24.3000	1.75	1.71	1.66	1.58	1.50
24.8000	1.42	1.33	1.25	1.17	1.10
25.3000	1.03	.95	.86	.77	.70
25.8000	.63	.57	.51	.46	.38
26.3000	.32	.26	.22	.18	.15
26.8000	.13	.09	.06	.04	.02
27.3000	.01	.01	.01	.00	.00

ICPM POND ROUTING SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = K-B LAKE IN 2
Outflow HYG file = K-B LAKE OUT 2

Pond Node Data = K-B LAKE
Pond Volume Data = K-B LAKE
Pond Outlet Data = KB-OUTLET

No Infiltration

INITIAL CONDITIONS		CALCULATION TOLERANCES	
Starting WS Elev =	526.00 ft	Target Convergence=	.100 cfs +/-
Starting Volume =	.000 ac-ft	Max. Iterations =	35 loops
Starting Outflow =	.00 cfs	ICPM Time Step =	.1000 hrs
		Output Time Step =	.1000 hrs
		ICPM Ending Time =	24.0000 hrs

MAXIMUM STORAGE

Tp, hrs	Elev, ft	Vol, ac-ft
14.3000	528.55	7.246

	FORWARD FLOW PEAKS		REVERSE FLOW PEAKS	
	Tp, hrs	Qp, cfs	Tp, hrs	Qp, cfs
Pond Inflow.....	12.4000	79.54	.0000	.00
Pond Outflow....	14.3000	20.21	.0000	.00

	TOTAL VOLUME IN		TOTAL VOLUME OUT	
	Vol, ac-ft	Direction	Vol, ac-ft	Direction
Pond Inflow.....	15.823	Forward	.000	Reverse
Pond Outflow....	.000	Reverse	12.824	Forward

MASS BALANCE (ac-ft)

+	Initial Vol.....	.000
+	Total Vol IN....	15.823
-	Total Vol OUT...	12.824
-	Ending Pond Vol.	2.945 <-- (At 24.0000 hrs Elev.= 527.04 ft)
	Difference.....	.054 ac-ft (.344% of Inflow Volume)

ICPM POND DETENTION TIMES SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = K-B LAKE IN 2
Outflow HYG file = K-B LAKE OUT 2

Pond Node Data = K-B LAKE
Pond Volume Data = K-B LAKE
Pond Outlet Data = KB-OUTLET

No Infiltration

INITIAL CONDITIONS

Starting WS Elev =	526.00 ft
Starting Volume =	.000 ac-ft
Starting Outflow =	.00 cfs

CALCULATION TOLERANCES

Target Convergence=	.100 cfs +/-
Max. Iterations =	35 loops
ICPM Time Step =	.1000 hrs
Output Time Step =	.1000 hrs
ICPM Ending Time =	24.0000 hrs

APPROXIMATE DETENTION TIME

Tp, Outflow + Infilt.	=	14.3000 hrs
Tp, Total Inflow	=	12.4000 hrs
Peak to Peak	=	1.9000 hrs
Qout+Infilt. Centroid	=	17.0620 hrs
Inflow Centroid	=	14.4440 hrs
Centroid to Centroid	=	2.6180 hrs
Weighted Avg. Plug Time	=	3.9887 hrs
Max.Plug Vol. Plug Time	=	2.5542 hrs
Max.Inflow Plug Volume	=	.649 ac-ft (From 12.4000 to 12.5000 hrs)

ICPM POND ROUTING SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = K-B LAKE IN 15
Outflow HYG file = K-B LAKE OUT 15

Pond Node Data = K-B LAKE
Pond Volume Data = K-B LAKE
Pond Outlet Data = KB-OUTLET

No Infiltration

INITIAL CONDITIONS		CALCULATION TOLERANCES	
Starting WS Elev =	526.00 ft	Target Convergence=	.100 cfs +/-
Starting Volume =	.000 ac-ft	Max. Iterations =	35 loops
Starting Outflow =	.00 cfs	ICPM Time Step =	.1000 hrs
		Output Time Step =	.1000 hrs
		ICPM Ending Time =	24.0000 hrs

MAXIMUM STORAGE

Tp, hrs	Elev, ft	Vol, ac-ft
13.7000	530.17	11.837

	FORWARD FLOW PEAKS		REVERSE FLOW PEAKS	
	Tp, hrs	Qp, cfs	Tp, hrs	Qp, cfs
Pond Inflow.....	12.4000	143.10	.0000	.00
Pond Outflow....	13.7000	53.02	.0000	.00

	TOTAL VOLUME IN		TOTAL VOLUME OUT	
	Vol, ac-ft	Direction	Vol, ac-ft	Direction
Pond Inflow.....	29.276	Forward	.000	Reverse
Pond Outflow....	.000	Reverse	24.970	Forward

MASS BALANCE (ac-ft)

+	Initial Vol.....	.000
+	Total Vol IN....	29.276
-	Total Vol OUT...	24.970
-	Ending Pond Vol.	4.230 <-- (At 24.0000 hrs Elev.= 527.49 ft)
	Difference.....	.076 ac-ft (.260% of Inflow Volume)

ICPM POND DETENTION TIMES SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = K-B LAKE IN 25
Outflow HYG file = K-B LAKE OUT 25

Pond Node Data = K-B LAKE
Pond Volume Data = K-B LAKE
Pond Outlet Data = KB-OUTLET

No Infiltration

INITIAL CONDITIONS

Starting WS Elev =	526.00 ft
Starting Volume =	.000 ac-ft
Starting Outflow =	.00 cfs

CALCULATION TOLERANCES

Target Convergence=	.100 cfs +/-
Max. Iterations =	35 loops
ICPM Time Step =	.1000 hrs
Output Time Step =	.1000 hrs
ICPM Ending Time =	24.0000 hrs

APPROXIMATE DETENTION TIME

Tp, Outflow + Infilt.	=	13.5000 hrs
Tp, Total Inflow	=	12.4000 hrs
Peak to Peak	=	1.1000 hrs
Qout+Infilt. Centroid	=	16.3515 hrs
Inflow Centroid	=	14.3053 hrs
Centroid to Centroid	=	2.0462 hrs
Weighted Avg. Plug Time	=	3.1549 hrs
Max.Plug Vol. Plug Time	=	1.5740 hrs
Max.Inflow Plug Volume	=	1.324 ac-ft (From 12.3000 to 12.4000 hrs)

ICPM POND ROUTING SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = K-B LAKE IN 100
Outflow HYG file = K-B LAKE OUT 100

Pond Node Data = K-B LAKE
Pond Volume Data = K-B LAKE
Pond Outlet Data = KB-OUTLET

No Infiltration

INITIAL CONDITIONS		CALCULATION TOLERANCES	
Starting WS Elev =	526.00 ft	Target Convergence=	.100 cfs +/-
Starting Volume =	.000 ac-ft	Max. Iterations =	35 loops
Starting Outflow =	.00 cfs	ICPM Time Step =	.1000 hrs
		Output Time Step =	.1000 hrs
		ICPM Ending Time =	24.0000 hrs

MAXIMUM STORAGE

Tp, hrs	Elev, ft	Vol, ac-ft
13.2000	530.98	14.137

	FORWARD FLOW PEAKS		REVERSE FLOW PEAKS	
	Tp, hrs	Qp, cfs	Tp, hrs	Qp, cfs
Pond Inflow.....	12.4000	221.47	.0000	.00
Pond Outflow....	13.2000	128.78	.0000	.00

	TOTAL VOLUME IN		TOTAL VOLUME OUT	
	Vol, ac-ft	Direction	Vol, ac-ft	Direction
Pond Inflow.....	46.440	Forward	.000	Reverse
Pond Outflow....	.000	Reverse	40.734	Forward

MASS BALANCE (ac-ft)

+	Initial Vol.....	.000
+	Total Vol IN....	46.440
-	Total Vol OUT...	40.734
-	Ending Pond Vol.	5.544 <-- (At 24.0000 hrs Elev.= 527.95 ft)
	Difference.....	.162 ac-ft (.349% of Inflow Volume)

ICPM POND DETENTION TIMES SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = K-B LAKE IN 100
Outflow HYG file = K-B LAKE OUT 100

Pond Node Data = K-B LAKE
Pond Volume Data = K-B LAKE
Pond Outlet Data = KB-OUTLET

No Infiltration

INITIAL CONDITIONS		CALCULATION TOLERANCES	
Starting WS Elev =	526.00 ft	Target Convergence=	.100 cfs +/-
Starting Volume =	.000 ac-ft	Max. Iterations =	35 loops
Starting Outflow =	.00 cfs	ICPM Time Step =	.1000 hrs
		Output Time Step =	.1000 hrs
		ICPM Ending Time =	24.0000 hrs

APPROXIMATE DETENTION TIME

Tp, Outflow + Infilt.	=	13.2000 hrs	
Tp, Total Inflow	=	12.4000 hrs	
Peak to Peak	=	.8000 hrs	
Qout+Infilt. Centroid	=	15.8848 hrs	
Inflow Centroid	=	14.2619 hrs	
Centroid to Centroid	=	1.6230 hrs	
Weighted Avg. Plug Time	=	2.6480 hrs	
Max.Plug Vol. Plug Time	=	1.1702 hrs	
Max.Inflow Plug Volume	=	1.809 ac-ft	(From 12.3000 to 12.4000 hrs)

DIVERTED HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = LAKE3-ROUTE
HYG Tag = 2

Peak Discharge = 21.31 cfs
Time to Peak = 14.4000 hrs
HYG Volume = 14.053 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
8.0000	.00	.02	.02	.02	.04
8.5000	.04	.04	.07	.07	.09
9.0000	.09	.11	.13	.15	.17
9.5000	.20	.22	.24	.26	.28
10.0000	.30	.33	.35	.37	.39
10.5000	.41	.43	.46	.50	.54
11.0000	.58	.63	.67	.73	.80
11.5000	.88	.99	1.14	1.35	1.75
12.0000	2.65	4.51	6.85	9.52	11.66
12.5000	13.32	14.40	15.18	15.81	16.39
13.0000	16.92	17.39	17.92	18.39	18.87
13.5000	19.29	19.71	20.07	20.38	20.64
14.0000	20.85	21.00	21.16	21.26	21.31
14.5000	21.31	21.31	21.25	21.19	21.09
15.0000	20.96	20.84	20.71	20.58	20.40
15.5000	20.21	20.02	19.83	19.65	19.46
16.0000	19.27	19.09	18.91	18.66	18.45
16.5000	18.20	17.99	17.75	17.54	17.32
17.0000	17.11	16.89	16.68	16.47	16.26
17.5000	16.05	15.85	15.64	15.43	15.23
18.0000	15.02	14.82	14.62	14.42	14.21
18.5000	14.01	13.81	13.61	13.42	13.22
19.0000	13.02	12.87	12.68	12.48	12.34
19.5000	12.14	12.00	11.85	11.66	11.52
20.0000	11.35	11.23	11.06	10.90	10.74
20.5000	10.62	10.46	10.35	10.19	10.07
21.0000	9.95	9.84	9.72	9.60	9.45
21.5000	9.33	9.22	9.11	8.99	8.88
22.0000	8.77	8.65	8.54	8.43	8.31
22.5000	8.20	8.12	8.05	7.94	7.87
23.0000	7.79	7.72	7.61	7.53	7.46
23.5000	7.39	7.31	7.24	7.17	7.10
24.0000	7.02				

DIVERTED HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = LAKE3-ROUTE
HYG Tag = 15

Peak Discharge = 53.98 cfs
Time to Peak = 14.0000 hrs
HYG Volume = 27.400 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
6.1000	.00	.02	.02	.02	.04
6.6000	.04	.07	.07	.09	.09
7.1000	.11	.13	.15	.17	.20
7.6000	.22	.24	.26	.28	.30
8.1000	.33	.35	.37	.39	.41
8.6000	.43	.46	.48	.50	.52
9.1000	.54	.56	.61	.65	.69
9.6000	.74	.78	.82	.86	.91
10.1000	.97	1.03	1.10	1.18	1.27
10.6000	1.35	1.43	1.54	1.64	1.77
11.1000	1.92	2.06	2.23	2.53	2.87
11.6000	3.24	3.72	4.49	5.83	8.54
12.1000	12.52	17.61	22.72	26.79	29.52
12.6000	31.45	33.13	34.93	36.80	38.59
13.1000	40.60	42.54	44.45	46.48	48.64
13.6000	50.43	52.04	53.17	53.78	53.98
14.1000	53.74	53.14	52.30	51.24	50.01
14.6000	48.85	47.84	46.87	45.96	45.11
15.1000	44.21	43.37	42.49	41.62	40.80
15.6000	39.94	39.13	38.33	37.54	36.71
16.1000	35.94	35.17	34.41	33.65	32.94
16.6000	32.24	31.56	30.92	30.29	29.66
17.1000	29.03	28.41	27.84	27.30	26.77
17.6000	26.24	25.72	25.23	24.79	24.35
18.1000	23.94	23.55	23.15	22.76	22.40
18.6000	22.08	21.76	21.43	21.18	20.93
19.1000	20.67	20.42	20.17	19.92	19.67
19.6000	19.42	19.17	18.93	18.68	18.44
20.1000	18.19	17.95	17.71	17.47	17.26
20.6000	17.04	16.83	16.62	16.41	16.20
21.1000	15.99	15.78	15.58	15.37	15.22
21.6000	15.01	14.81	14.66	14.46	14.30
22.1000	14.15	13.95	13.75	13.60	13.45

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
22.6000	13.31	13.16	13.01	12.86	12.71
23.1000	12.57	12.42	12.28	12.14	11.99
23.6000	11.85	11.70	11.56	11.41	11.29

DIVERTED HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = LAKE3-ROUTE
HYG Tag = 25

Peak Discharge = 71.34 cfs
Time to Peak = 13.8000 hrs
HYG Volume = 31.532 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
5.8000	.00	.02	.02	.04	.04
6.3000	.07	.07	.09	.09	.11
6.8000	.13	.15	.17	.20	.22
7.3000	.24	.26	.28	.30	.33
7.8000	.35	.37	.39	.41	.43
8.3000	.46	.48	.50	.52	.54
8.8000	.56	.61	.65	.69	.74
9.3000	.78	.82	.86	.93	.99
9.8000	1.05	1.12	1.18	1.27	1.35
10.3000	1.43	1.52	1.62	1.73	1.85
10.8000	1.98	2.12	2.31	2.57	2.87
11.3000	3.16	3.49	3.86	4.26	4.81
11.8000	5.63	7.44	10.63	15.42	21.45
12.3000	27.30	31.89	35.13	37.59	39.83
12.8000	42.22	44.56	47.43	51.22	55.60
13.3000	60.06	64.02	67.26	69.56	70.97
13.8000	71.34	70.82	69.71	68.01	66.16
14.3000	64.02	61.78	59.65	57.35	55.19
14.8000	53.13	51.22	49.58	48.19	47.00
15.3000	45.93	44.92	43.98	43.04	42.16
15.8000	41.29	40.42	39.58	38.78	37.99
16.3000	37.20	36.42	35.65	34.93	34.21
16.8000	33.50	32.80	32.10	31.47	30.83
17.3000	30.24	29.65	29.10	28.56	28.02
17.8000	27.48	26.95	26.46	26.01	25.56
18.3000	25.12	24.68	24.24	23.88	23.51
18.8000	23.15	22.82	22.50	22.18	21.86
19.3000	21.57	21.31	21.05	20.80	20.55
19.8000	20.29	20.04	19.79	19.54	19.30
20.3000	19.08	18.86	18.62	18.41	18.19
20.8000	17.98	17.77	17.56	17.34	17.15
21.3000	16.94	16.75	16.54	16.36	16.18
21.8000	15.97	15.82	15.61	15.45	15.30

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
22.3000	15.09	14.94	14.79	14.64	14.44
22.8000	14.29	14.13	13.98	13.78	13.63
23.3000	13.49	13.34	13.19	13.04	12.89
23.8000	12.75	12.60	12.46		

DIVERTED HYDROGRAPH...
HYG file = J:\0675B\PONDPACK\PERSIMMO.HYG
HYG ID = LAKE3-ROUTE
HYG Tag = 100

Peak Discharge =	130.07 cfs
Time to Peak =	13.4000 hrs
HYG Volume =	44.703 ac-ft

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
4.9000	.00	.02	.02	.04	.04
5.4000	.07	.09	.09	.11	.13
5.9000	.15	.17	.20	.22	.24
6.4000	.26	.28	.30	.33	.35
6.9000	.37	.39	.41	.43	.46
7.4000	.50	.54	.58	.63	.67
7.9000	.71	.76	.80	.84	.88
8.4000	.93	.97	1.03	1.10	1.16
8.9000	1.22	1.31	1.39	1.48	1.56
9.4000	1.64	1.75	1.85	1.96	2.06
9.9000	2.18	2.38	2.56	2.75	2.94
10.4000	3.16	3.38	3.60	3.86	4.15
10.9000	4.44	4.77	5.13	5.49	5.92
11.4000	6.42	7.06	7.78	8.72	10.18
11.9000	12.77	17.45	24.73	33.58	42.11
12.4000	49.29	55.06	61.55	71.18	83.27
12.9000	96.22	109.79	119.82	126.68	129.72
13.4000	130.07	128.37	125.21	120.90	115.98
13.9000	110.83	105.32	99.83	94.91	90.37
14.4000	86.23	82.10	78.06	74.22	70.59
14.9000	67.11	64.05	61.26	58.74	56.49
15.4000	54.22	52.18	50.41	49.01	47.83
15.9000	46.80	45.84	44.99	44.14	43.31
16.4000	42.53	41.76	40.99	40.28	39.59
16.9000	38.93	38.28	37.63	36.98	36.34
17.4000	35.70	35.07	34.44	33.82	33.24
17.9000	32.72	32.19	31.68	31.20	30.72
18.4000	30.25	29.77	29.30	28.84	28.37
18.9000	27.91	27.49	27.11	26.73	26.35
19.4000	25.98	25.61	25.24	24.87	24.50
19.9000	24.18	23.88	23.56	23.26	22.96
20.4000	22.67	22.41	22.15	21.89	21.63
20.9000	21.38	21.19	20.99	20.80	20.61

HYDROGRAPH ORDINATES (cfs)
Output Time increment = .1000 hrs
Time on left represents time for first value in each row.

Time hrs					
21.4000	20.43	20.24	20.05	19.86	19.68
21.9000	19.49	19.30	19.12	18.94	18.75
22.4000	18.57	18.39	18.20	18.02	17.84
22.9000	17.66	17.48	17.32	17.16	17.00
23.4000	16.84	16.69	16.53	16.37	16.22
23.9000	16.06	15.91			

ICPM POND ROUTING SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = SOUTH LAKE IN 2
Outflow HYG file = SOUTH LAKE OUT 2

Pond Node Data = SOUTH LAKE
Pond Volume Data = LAKE#3
Pond Outlet Data = LAKE3-ROUTE-2

No Infiltration

INITIAL CONDITIONS

Starting WS Elev =	522.00 ft
Starting Volume =	.738 ac-ft
Starting Outflow =	.00 cfs

CALCULATION TOLERANCES

Target Convergence=	.100 cfs +/-
Max. Iterations =	35 loops
ICPM Time Step =	.1000 hrs
Output Time Step =	.1000 hrs
ICPM Ending Time =	24.0000 hrs

MAXIMUM STORAGE

Tp, hrs	Elev, ft	Vol, ac-ft
14.4000	522.91	1.411

	FORWARD FLOW PEAKS Tp, hrs	FORWARD FLOW PEAKS Qp, cfs	REVERSE FLOW PEAKS Tp, hrs	REVERSE FLOW PEAKS Qp, cfs
Pond Inflow.....	14.1000	21.49	.0000	.00
Pond Outflow....	14.4000	21.31	.0000	.00

	TOTAL VOLUME IN Vol, ac-ft	TOTAL VOLUME IN Direction	TOTAL VOLUME OUT Vol, ac-ft	TOTAL VOLUME OUT Direction
Pond Inflow.....	14.433	Forward	.000	Reverse
Pond Outflow....	.000	Reverse	14.053	Forward

MASS BALANCE (ac-ft)

+	Initial Vol.....	.738
+	Total Vol IN....	14.433
-	Total Vol OUT...	14.053
-	Ending Pond Vol.	1.055 <-- (At 24.0000 hrs Elev.= 522.43 ft)
	Difference.....	.062 ac-ft (.431% of Inflow Volume)

ICPM POND DETENTION TIMES SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = SOUTH LAKE IN 2
Outflow HYG file = SOUTH LAKE OUT 2

Pond Node Data = SOUTH LAKE
Pond Volume Data = LAKE#3
Pond Outlet Data = LAKE3-ROUTE-2

No Infiltration

INITIAL CONDITIONS

Starting WS Elev =	522.00 ft
Starting Volume =	.738 ac-ft
Starting Outflow =	.00 cfs

CALCULATION TOLERANCES

Target Convergence=	.100 cfs +/-
Max. Iterations =	35 loops
ICPM Time Step =	.1000 hrs
Output Time Step =	.1000 hrs
ICPM Ending Time =	24.0000 hrs

APPROXIMATE DETENTION TIME

Tp, Outflow + Infilt.	=	14.4000 hrs
Tp, Total Inflow	=	14.1000 hrs
Peak to Peak	=	.3000 hrs
Qout+Infilt. Centroid	=	17.0593 hrs
Inflow Centroid	=	16.7352 hrs
Centroid to Centroid	=	.3241 hrs
Weighted Avg. Plug Time	=	.5064 hrs
Max.Plug Vol. Plug Time	=	.4547 hrs
Max.Inflow Plug Volume	=	.178 ac-ft (From 14.0000 to 14.1000 hrs)

ICPM POND ROUTING SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = SOUTH LAKE IN 15
Outflow HYG file = SOUTH LAKE OUT 15

Pond Node Data = SOUTH LAKE
Pond Volume Data = LAKE#3
Pond Outlet Data = LAKE3-ROUTE-2

No Infiltration

INITIAL CONDITIONS

Starting WS Elev =	522.00 ft
Starting Volume =	.738 ac-ft
Starting Outflow =	.00 cfs

CALCULATION TOLERANCES

Target Convergence=	.100 cfs +/-
Max. Iterations =	35 loops
ICPM Time Step =	.1000 hrs
Output Time Step =	.1000 hrs
ICPM Ending Time =	24.0000 hrs

MAXIMUM STORAGE

Tp, hrs	Elev, ft	Vol, ac-ft
14.0000	523.72	2.009

	FORWARD FLOW PEAKS Tp, hrs	FORWARD FLOW PEAKS Qp, cfs	REVERSE FLOW PEAKS Tp, hrs	REVERSE FLOW PEAKS Qp, cfs
Pond Inflow.....	13.7000	55.80	.0000	.00
Pond Outflow....	14.0000	53.98	.0000	.00

	TOTAL VOLUME IN Vol, ac-ft	TOTAL VOLUME IN Direction	TOTAL VOLUME OUT Vol, ac-ft	TOTAL VOLUME OUT Direction
Pond Inflow.....	27.951	Forward	.000	Reverse
Pond Outflow....	.000	Reverse	27.400	Forward

MASS BALANCE (ac-ft)

+	Initial Vol.....	.738
+	Total Vol IN....	27.951
-	Total Vol OUT...	27.400
-	Ending Pond Vol.	1.177 <-- (At 24.0000 hrs Elev.= 522.60 ft)
	Difference.....	.112 ac-ft (.401% of Inflow Volume)

ICPM POND DETENTION TIMES SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = SOUTH LAKE IN 15
Outflow HYG file = SOUTH LAKE OUT 15

Pond Node Data = SOUTH LAKE
Pond Volume Data = LAKE#3
Pond Outlet Data = LAKE3-ROUTE-2

No Infiltration

INITIAL CONDITIONS

Starting WS Elev =	522.00 ft
Starting Volume =	.738 ac-ft
Starting Outflow =	.00 cfs

CALCULATION TOLERANCES

Target Convergence=	.100 cfs +/-
Max. Iterations =	35 loops
ICPM Time Step =	.1000 hrs
Output Time Step =	.1000 hrs
ICPM Ending Time =	24.0000 hrs

APPROXIMATE DETENTION TIME

Tp, Outflow + Infilt.	=	14.0000 hrs
Tp, Total Inflow	=	13.7000 hrs
Peak to Peak	=	.3000 hrs
Qout+Infilt. Centroid	=	16.5442 hrs
Inflow Centroid	=	16.2536 hrs
Centroid to Centroid	=	.2906 hrs
Weighted Avg. Plug Time	=	.4375 hrs
Max.Plug Vol. Plug Time	=	.3703 hrs
Max.Inflow Plug Volume	=	.460 ac-ft (From 13.7000 to 13.8000 hrs)

ICPM POND ROUTING SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = SOUTH LAKE IN 25
Outflow HYG file = SOUTH LAKE OUT 25

Pond Node Data = SOUTH LAKE
Pond Volume Data = LAKE#3
Pond Outlet Data = LAKE3-ROUTE-2

No Infiltration

INITIAL CONDITIONS

Starting WS Elev =	522.00 ft
Starting Volume =	.738 ac-ft
Starting Outflow =	.00 cfs

CALCULATION TOLERANCES

Target Convergence=	.100 cfs +/-
Max. Iterations =	35 loops
ICPM Time Step =	.1000 hrs
Output Time Step =	.1000 hrs
ICPM Ending Time =	24.0000 hrs

MAXIMUM STORAGE

Tp, hrs	Elev, ft	Vol, ac-ft
13.8000	524.09	2.280

	FORWARD FLOW PEAKS Tp, hrs	Qp, cfs	REVERSE FLOW PEAKS Tp, hrs	Qp, cfs
Pond Inflow.....	13.5000	75.42	.0000	.00
Pond Outflow....	13.8000	71.34	.0000	.00

	TOTAL VOLUME IN Vol, ac-ft	Direction	TOTAL VOLUME OUT Vol, ac-ft	Direction
Pond Inflow.....	32.189	Forward	.000	Reverse
Pond Outflow....	.000	Reverse	31.532	Forward

MASS BALANCE (ac-ft)

+	Initial Vol.....	.738
+	Total Vol IN....	32.189
-	Total Vol OUT...	31.532
-	Ending Pond Vol.	1.205 <-- (At 24.0000 hrs Elev.= 522.63 ft)
	Difference.....	.189 ac-ft (.587% of Inflow Volume)

WARNING: Mass balance for routing volumes vary by more than .5%

ICPM POND DETENTION TIMES SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = SOUTH LAKE IN 25
Outflow HYG file = SOUTH LAKE OUT 25

Pond Node Data = SOUTH LAKE
Pond Volume Data = LAKE#3
Pond Outlet Data = LAKE3-ROUTE-2

No Infiltration

INITIAL CONDITIONS

Starting WS Elev =	522.00 ft
Starting Volume =	.738 ac-ft
Starting Outflow =	.00 cfs

CALCULATION TOLERANCES

Target Convergence=	.100 cfs +/-
Max. Iterations =	35 loops
ICPM Time Step =	.1000 hrs
Output Time Step =	.1000 hrs
ICPM Ending Time =	24.0000 hrs

APPROXIMATE DETENTION TIME

Tp, Outflow + Infilt.	=	13.8000 hrs
Tp, Total Inflow	=	13.5000 hrs
Peak to Peak	=	.3000 hrs
Qout+Infilt. Centroid	=	16.3676 hrs
Inflow Centroid	=	16.0798 hrs
Centroid to Centroid	=	.2878 hrs
Weighted Avg. Plug Time	=	.4438 hrs
Max.Plug Vol. Plug Time	=	.3564 hrs
Max.Inflow Plug Volume	=	.621 ac-ft (From 13.5000 to 13.6000 hrs)

ICPM POND ROUTING SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = SOUTH LAKE IN 100
Outflow HYG file = SOUTH LAKE OUT 100

Pond Node Data = SOUTH LAKE
Pond Volume Data = LAKE#3
Pond Outlet Data = LAKE3-ROUTE-2

No Infiltration

INITIAL CONDITIONS

Starting WS Elev =	522.00 ft
Starting Volume =	.738 ac-ft
Starting Outflow =	.00 cfs

CALCULATION TOLERANCES

Target Convergence=	.100 cfs +/-
Max. Iterations =	35 loops
ICPM Time Step =	.1000 hrs
Output Time Step =	.1000 hrs
ICPM Ending Time =	24.0000 hrs

MAXIMUM STORAGE

Tp, hrs	Elev, ft	Vol, ac-ft
13.4000	524.91	2.884

	FORWARD FLOW PEAKS Tp, hrs	FORWARD FLOW PEAKS Qp, cfs	REVERSE FLOW PEAKS Tp, hrs	REVERSE FLOW PEAKS Qp, cfs
Pond Inflow.....	13.1000	135.90	.0000	.00
Pond Outflow....	13.4000	130.07	.0000	.00

	TOTAL VOLUME IN Vol, ac-ft	TOTAL VOLUME IN Direction	TOTAL VOLUME OUT Vol, ac-ft	TOTAL VOLUME OUT Direction
Pond Inflow.....	45.441	Forward	.000	Reverse
Pond Outflow....	.000	Reverse	44.703	Forward

MASS BALANCE (ac-ft)

+	Initial Vol.....	.738
+	Total Vol IN....	45.441
-	Total Vol OUT...	44.703
-	Ending Pond Vol.	1.289 <-- (At 24.0000 hrs Elev.= 522.75 ft)
	Difference.....	.186 ac-ft (.410% of Inflow Volume)

ICPM POND DETENTION TIMES SUMMARY

HYG Dir = J:\0675B\PONDPACK\
Inflow HYG file = SOUTH LAKE IN 100
Outflow HYG file = SOUTH LAKE OUT 100

Pond Node Data = SOUTH LAKE
Pond Volume Data = LAKE#3
Pond Outlet Data = LAKE3-ROUTE-2

No Infiltration

INITIAL CONDITIONS

Starting WS Elev =	522.00 ft
Starting Volume =	.738 ac-ft
Starting Outflow =	.00 cfs

CALCULATION TOLERANCES

Target Convergence=		.100 cfs +/-
Max. Iterations	=	35 loops
ICPM Time Step	=	.1000 hrs
Output Time Step	=	.1000 hrs
ICPM Ending Time	=	24.0000 hrs

APPROXIMATE DETENTION TIME

Tp, Outflow + Infilt.	=	13.4000 hrs
Tp, Total Inflow	=	13.1000 hrs
Peak to Peak	=	.3000 hrs
Qout+Infilt. Centroid	=	15.9159 hrs
Inflow Centroid	=	15.6515 hrs
Centroid to Centroid	=	.2644 hrs
Weighted Avg. Plug Time	=	.3961 hrs
Max.Plug Vol. Plug Time	=	.2989 hrs
Max.Inflow Plug Volume	=	1.120 ac-ft (From 13.1000 to 13.2000 hrs)